EIAR VOLUME III
Appendices

CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.1: Geophysical Survey

Tullacondra Windfarm

Co. Cork

Geophysical Survey

Report Status: Final

MGX Project Number: 6640

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26th September 2022

Confidential Report To:

RSK Group
Bluebell Business Centre
Old Naas Road
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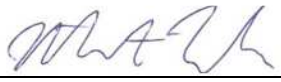

Reviewer: Hartmut Krahn (Senior Geophysicist)

Minerex
Geophysics Limited

Subsurface Geophysical Investigations

EXECUTIVE SUMMARY

1. Minerex Geophysics Ltd. (MGX) carried out a geophysical survey consisting of 2D-Resistivity (ERT) at 10 locations for the Tullacondra Windfarm Project in Co. Cork.
2. The main objectives of the survey were to determine ground conditions under the site and to detect possible karstified rock.
3. Overburden was interpreted as being thicker than 15m at T3, T4, T6 and at T8.
4. Limestone was interpreted as underlying T1, T2 and T5.
5. Possible karst features were identified at T1 and T5 underlying the proposed turbine locations. These features are likely infilled limestone while there may be some voids or cavities within this limestone as well.
6. Sandstone was interpreted at T7, T9 and the substation with some weathered sandstone at all three locations.
7. Descriptions of each location are given in Chapter 4.
8. This report can be reviewed after the complete direct ground investigation data has been received.

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Figure 2j: Interpretation of Geophysical Survey at Substation	1 x A3	6640f_Drawings.dwg

1. INTRODUCTION

1.1 Background

Minerex Geophysics Ltd. (MGX) carried out a geophysical survey for the Tullacondra Windfarm Project. The survey consisted of 2D-Resistivity measurements at each Turbine location as well as the substation. The survey was commissioned by RSK.

The role of geophysics as a non-destructive fast method is to provide a geological interpretation over a wide area to complement direct ground investigations at specific locations. The direct ground investigation results can be used to improve the initial geophysical results and interpretation.

The proposed development will consist of nine turbines, a substation and associated infrastructure.

The survey was aimed both at investigating the ground conditions and identifying possible karst underlying the site.

1.2 Objectives

The main objectives of the geophysical survey were:

- To determine the ground conditions under the site
- To detect possible karstified zones within the rock, karst features

1.3 Site Description

The site is located approx. 8.5km north of Mallow around the townland of Tullacondra. The area consists of agricultural fields used for crops and grazing. Access was from three separate farms in the north, east and west.

1.4 Geology

The online geological map of Ireland (GSI, 2022) indicates that the quaternary sediments across the site consist of till derived from Namurian Sandstones and Shales. The survey area is underlain by four different rock types. T1, T2 and T3 are underlain by Waulsortian Limestone, described as massive unbedded lime-mudstone. T4, T5 and T6 are underlain by the Ballysteen Formation, described as Dark muddy limestone and shale. T7, T8 and T9 as well as the substation are underlain by Old Red Sandstone, described as red conglomerate, sandstone and mudstone.

The Lower Limestone Shale Formation, described as sandstone, mudstone and thin limestone is located between the Ballysteen and Old Red Sandstone, close to T6 and T8.

There are a significant number of faults in the area, mainly running roughly NNW-SSE and WSW-ENE.

The Ballysteen and Waulsortian Limestones are both karstifiable. There are no karst features indicated within the survey area but there are many present to the south and east.

1.5 Report

This report includes the results and interpretation of the geophysical survey. Maps, figures and tables are included to illustrate the results of the survey. More detailed descriptions of geophysical methods and measurements can be found in GSEG (2002), Milsom (1989) and Reynolds (1997).

The description of soil, rock and the use of geotechnical terms (soft, stiff, dense etc) follows Eurocode (2007) and BSI (2015) standards. The terms are defined in the standards and the physical parameters are related from experience. This geophysical survey has been acquired, processed, interpreted and reported in accordance with these guidelines.

Elevations were surveyed on site and are used in the vertical sections.

The interpretative nature and the non-invasive survey methods must be taken into account when considering the results of this survey and Minerex Geophysics Limited, while using appropriate practice to execute, interpret and present the data, give no guarantees in relation to the existing subsurface.

2. GEOPHYSICAL SURVEY

2.1 Methodology

The methodology was given by the engineers and consisted of 2D-Resistivity lines in two directions at all the Turbine locations as well as the Substation. Two additional lines were proposed targeting possible karst features.

The survey locations are indicated on Map 1. All of the lines at the Turbines were 93m long with two lines extended to 189m at the possible karst locations resulting in a total length surveyed of 2,052m

2.2 2D-Resistivity (ERT)

2D-Resistivity lines were surveyed with electrode spacing of 3m, 32 electrodes at most locations and 64 electrodes along two set-ups, resulting in lengths of 93m and 189m per set-up respectively. The readings were taken with a Tigre Resistivity Meter, Imager Cables, stainless steel electrodes and a laptop with ImagerPro acquisition software.

During 2D-Resistivity surveying, data is acquired in the form of linear arrays using a suite of metal electrodes. A current is induced into the ground via a pair of electrodes whilst a potential difference is measured across a second pair of electrodes. This allows for the recording of the apparent resistivity in a two-dimensional arrangement below the line. The data is inverted after the survey to obtain a model of subsurface resistivities. The generated model resistivity values and their spatial distribution can then be related to typical values for different geological materials.

The penetration depth of a resistivity set-up increases towards the centre where it reaches an approx. value of $1/6^{th}$ of the array length.

2D-Resistivity has previously proven zones of anomalous or karstified rock with lateral extents of 5m and more.

2.3 Site Work

The data acquisition was carried out between the 7^{th} and 8^{st} of September 2022. The weather conditions were poor to fair throughout the acquisition period. Health and safety standards were adhered to at all times.

The locations and elevations were surveyed with a Carlson NR3 RTK-GPS to accuracy < 0.05m.

3. RESULTS AND INTERPRETATION

The interpretation of geophysical data was executed utilizing the known response of geophysical measurements, typical physical parameters for subsurface features that may underlay the site, and the experience of the authors. The interpretation is made solely by resistivity.

3.1 2D-Resistivity (ERT)

The 2D-Resistivity data was positioned and inverted with the RES2DINV inversion package. The programme uses a smoothness constrained least-squares inversion method to produce a 2D model of the subsurface resistivities from the recorded apparent resistivity values. Three variations of the least squares method are available and for this project the Jacobian Matrix was recalculated for the first three iterations, then a Quasi-Newton approximation was used for subsequent iterations. Each dataset was inverted using seven iterations resulting in a typical RMS error of <3.0%. The resulting models were colour contoured with the same resistivity scale for all lines and they are displayed as cross sections (Figure 1a-j).

Resistivities are characteristic for certain overburden and rock types. If there is a high content of clay minerals (which are electrically conductive) then the overburden resistivity will be lower than as if there is a high content of clastic grains like sand or gravel. The purer the clay and the lower the sand and gravel content, the lower the resistivity. Water content in overburden layers can influence the resistivities, but generally clay content has a more dominating effect.

Within bedrock types like clean limestone or sandstone, high resistivities indicate a fresh, strong, unweathered rock. As the weathering in the rock increases the resistivity gets lower because of weathering products, remineralisation of rock and infill of cracks, faults and voids with clay and water. Weathering within rock is typically indicated by lower resistivity values in the cross sections.

In limestone areas, karstified rock is defined in this report as a formerly intact clean limestone rock, liable to karstification, that has been partially dissolved by water over long geological time scales and where the cavities and voids have either remained empty (filled by air) or became filled by overburden sediment (clay, silt, sand), weathering product of the broken rock itself or water. This process would lead to a reduction of the resistivity of the overall rock and therefore karstified rock has a lower resistivity than intact clean limestone rock. This is generally indicated by lower resistivities embedded within high resistivity at depth.

The resistivities cover a range typical for materials from clay rich overburden (low resistivities) to fresh strong unweathered bedrock (high resistivities). The ranges have been taken into the consideration for the interpretation. Low resistivity values (<250 Ohmm) typically indicate a sandy gravelly clay and silt overburden. Medium values (250 to 500 Ohmm) show a clayey silty sand and gravel overburden or weathered or karstified bedrock. High resistivities (>500 Ohmm) indicate bedrock types like clean limestone or sandstone. Where low values occur at depth they could indicate a bedrock type like mudstone.

Table 1: Summary of Interpretation

Layer	General Resistivity Range (Ohmm)	Interpretation
1	<250	Sandy gravelly Clay or Silt
2a	250 – 500 (In Limestone Area)	Clayey silty Sand and Gravel or weathered or karstified limestone
2b	250 – 500 (In Sandstone Area)	Clayey silty Sand and Gravel
2c	250 – 500 (At Depth in Sandstone Area)	Weathered Sandstone
3a	>500 (In Limestone Area)	Limestone
3b	>500 (In Sandstone Area)	Sandstone

Table 1 summarises the interpretation. Interpreted cross sections are shown in Figure 2a-j. Different interpretations are given for different areas using the GSI online geological map of Ireland (GSI, 2022). The boundary between overburden and rock is interpreted from changes in resistivity with depth. At some locations it can be less clear where the boundary between overburden and rock leading to non-unique interpretations such as in layer 2a. The individual interpretations for each location are given in Chapter 4 below.

4. GEOPHYSICAL RESULTS BY TURBINE

This chapter gives a brief interpretation for each survey location starting with the turbine location in numerical order, then the substation. The interpretations are based on all the geophysical data available at each location.

Turbine 1

R14 was extended to the south to target a possible area of karstification. The feature on the landscape is a hollow where there is standing water. The resistivity shows rock becoming deeper towards the south. The overburden in the south is clay rich which would allow water to pond. There is no indication of karst south of the Turbine.

The top of rock is interpreted at 7m below ground level (bgl) in the north, approx. 10m at the Turbine location and dropping to 18m bgl in the south.

Low resistivities within the rock at the turbine may indicate a karst feature. This feature is not visible on R13 in the W-E direction due to a '3D' effect and the extend of this features off of line R14 is not known. The resistivities indicate weathered or infilled limestone.

Turbine 2

The top of rock is interpreted at 9m bgl at the Turbine location and becomes deeper to the south and NE.

Turbine 3

Low resistivities across both lines is interpreted as deep sandy gravelly clay and silt to over 15m bgl.

Turbine 4

Low resistivities across both lines is interpreted as deep sandy gravelly clay and silt. The top of rock may be visible to the SE of the Turbine location at depths of over 15m bgl.

Turbine 5

R9 was extended to the east to target an area of possible karstification. The depth to the top of rock rises from 11m in the west to 3.5m in the east. There is a possible karst features which extends approx. 7m into the rock in the east.

Under the turbine location and to the west, a sharp change in resistivities with depth is interpreted as karstified limestone. The resistivities are higher along line R10 which indicates this possible karst zone extends to the south or southwest rather than towards the north. The karst features are likely weathered or limestone infilled with overburden material such as clay, silt, sand or gravel.

Turbine 6

Low resistivities across both lines is interpreted as deep sandy gravelly clay and silt. The top of rock may be visible to the west of the Turbine location at depths of over 15m.

Turbine 7

This area is interpreted as being underlain by sandstone. The depth to the top of sandstone is 2-3m and there may be weathered sandstone shallower than this. The rock to the south of the turbine location is interpreted as a deep zone of weathered sandstone.

Turbine 8

Low resistivities across both lines is interpreted as deep sandy gravelly clay and silt. The top of rock may be visible to the north of the turbine location at depths of over 15m.

Turbine 9

The resistivities are higher near the surface than at other turbine locations. This is interpreted as clayey silty sand and gravel and is underlain by sandy gravelly clay and silt. The top of rock is interpreted at 10m bgl and is described as sandstone. There is some weathered sandstone to the SW of the turbine location.

Substation

The sandstone is interpreted at a depth of 2 – 6m bgl across most of the area. There is some weathered sandstone indicated to the west and the rock becomes deeper towards the NE.

5. CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are made:

- The geophysical surveys carried out for the Tullacondra Windfarm consisted of two 2D-Resistivity (ERT) lines at each proposed turbine location as well as at the substation.
- The aim of the survey was to determine the ground conditions under the site and identify any possible karst at the surveyed locations.
- T3, T4, T6 and T8 were interpreted as being underlain by thick sandy gravelly clay and silt over 15m thick. There could be mudstone at these locations but that interpretation is deemed less likely.
- At T2, Limestone was interpreted at a depth of 8 – 14m bgl.
- Possible karst features were interpreted at T1 underling the proposed turbine location and at T5 from the turbine location towards the west and a small area to the east of the turbine location.
- These possible karst features are likely weathered limestone infilled by overburden material but there can be small voids and cavities within the rock as well.
- T7, T9 and the substation were interpreted as being underlain by sandstone. There would not be a karst risk in sandstone areas. The rock is 2 – 3m bgl at T7 and there is some weathered sandstone noted at all three locations.
- The interpretations given are based on the resistivity surveying. The differing rock types are taken from the GSI online geological map of Ireland and should be confirmed with rotary core drilling.
- The interpretation presented here should be reviewed once any additional geotechnical data becomes available.

6. REFERENCES

1. **BSI, 2015.** BS5930, Code of Practice for Ground Investigations, British Standards Institute 2015

2. **Eurocode, 2007.** EN 1997-2:2007. Eurocode 7. Part 2 Ground Investigation and Testing 2007

3. **GSEG, 2002.** Geophysics in Engineering Investigations. Geological Society Engineering Geology Special Publication 19, London, 2002

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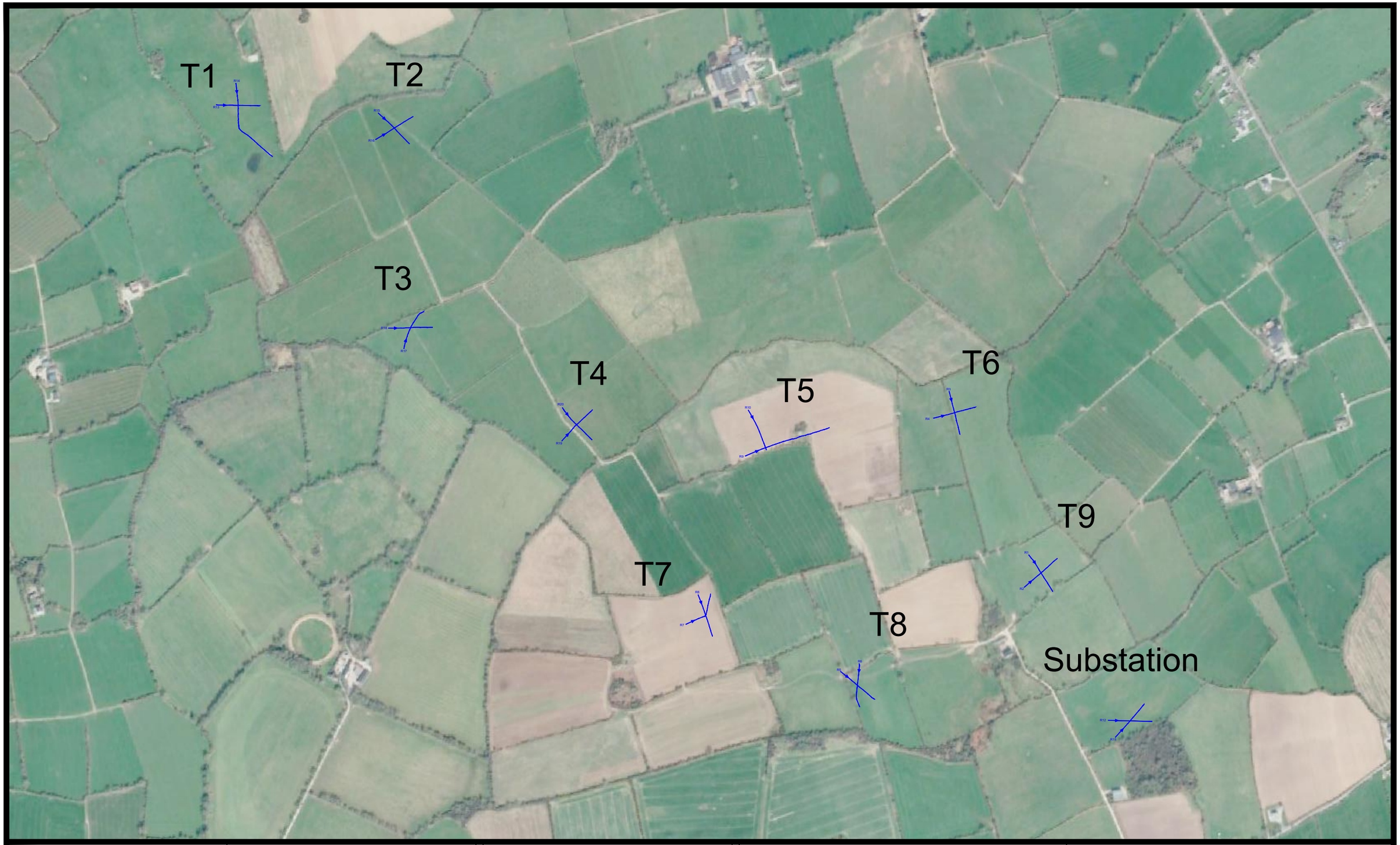
5. **Milsom, 1989.** Field Geophysics. John Wiley and Sons, 1989

6. **Reynolds, 1997.** An Introduction to Applied and Environmental Geophysics. John Wiley and Son, 1997

7. **Weaver, 1975.** Geological Factors significant in the Assessment of Rippability, 1975



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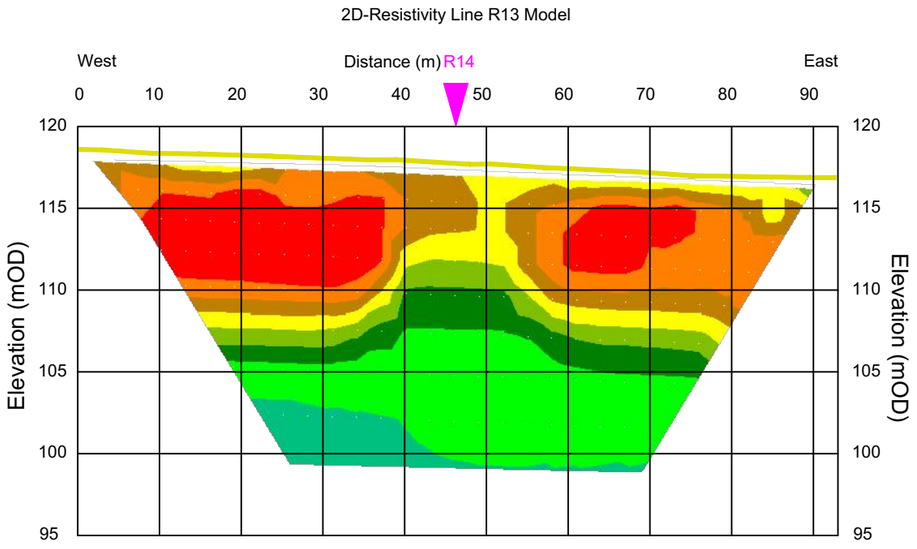
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Map 1: Geophysical Survey Location Overview Map

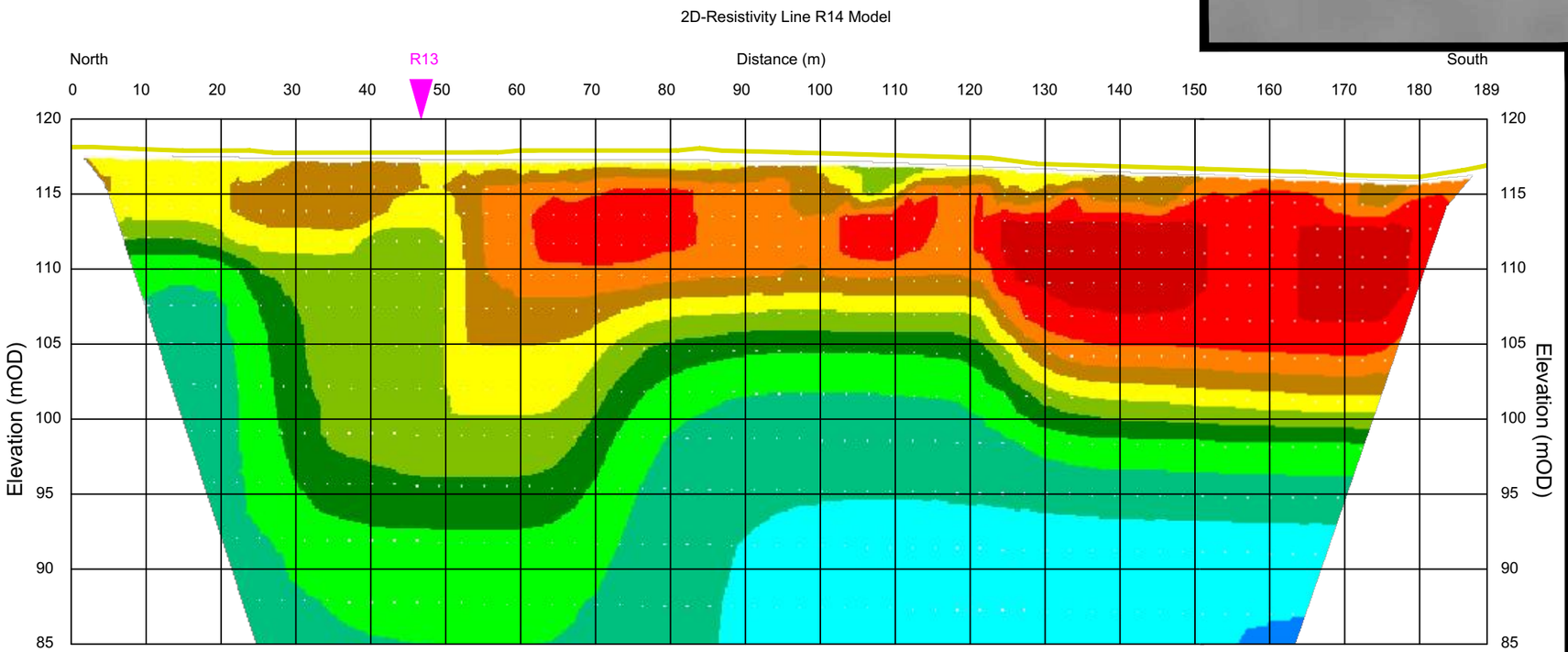
SCALE:	1:7,500 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	14/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

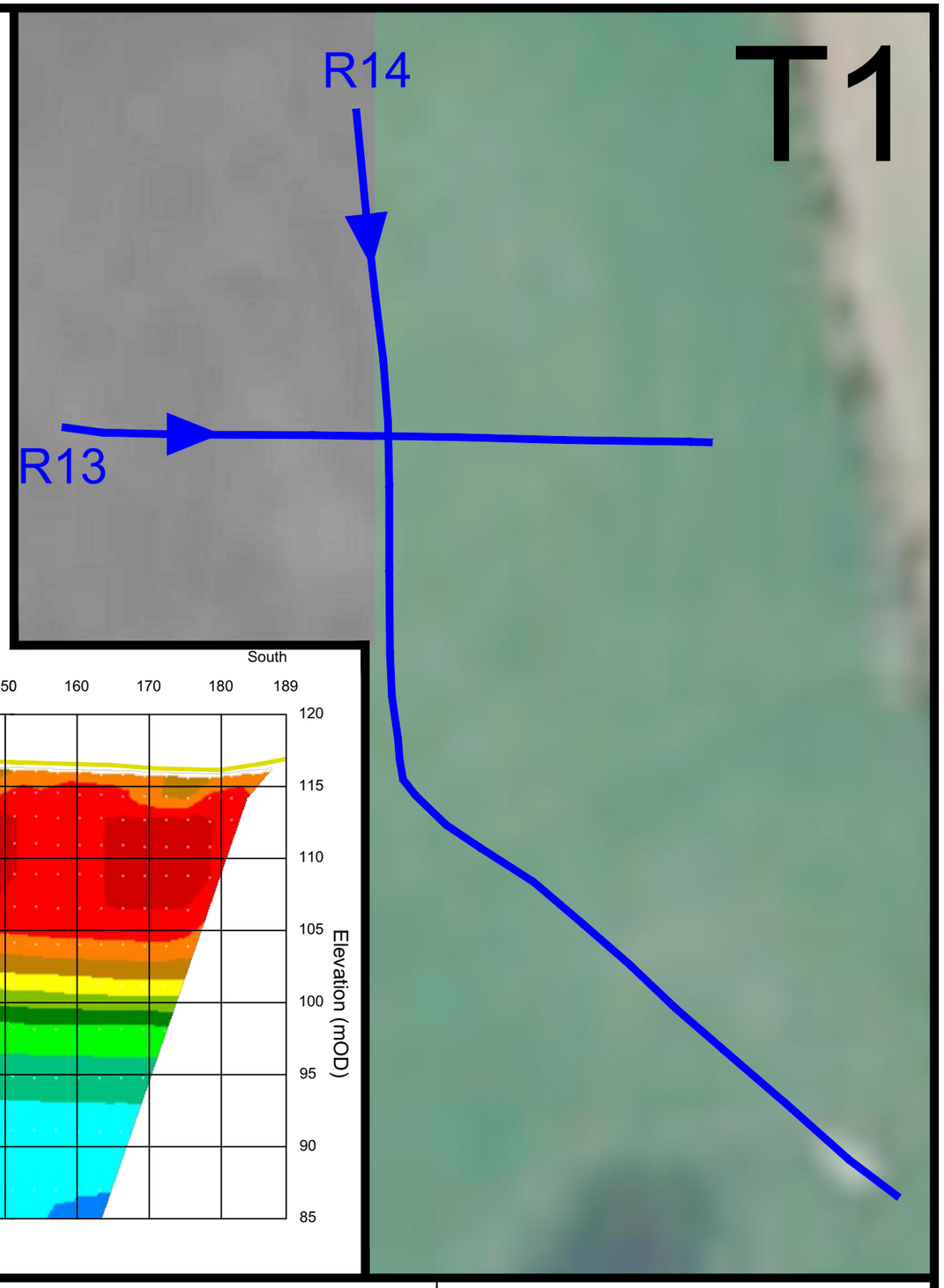
Geophysical Survey Locations:

R2 2D-Resistivity Line

Locations are in Irish Transverse Mercator (ITM), Elevations are in mOD (Malin Head)







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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1a: Models of Geophysical Survey at T1

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MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model

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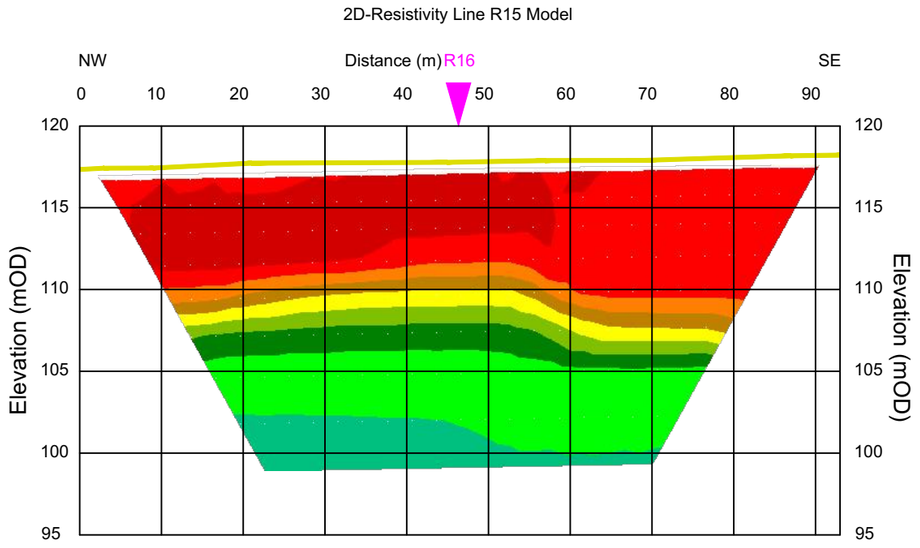

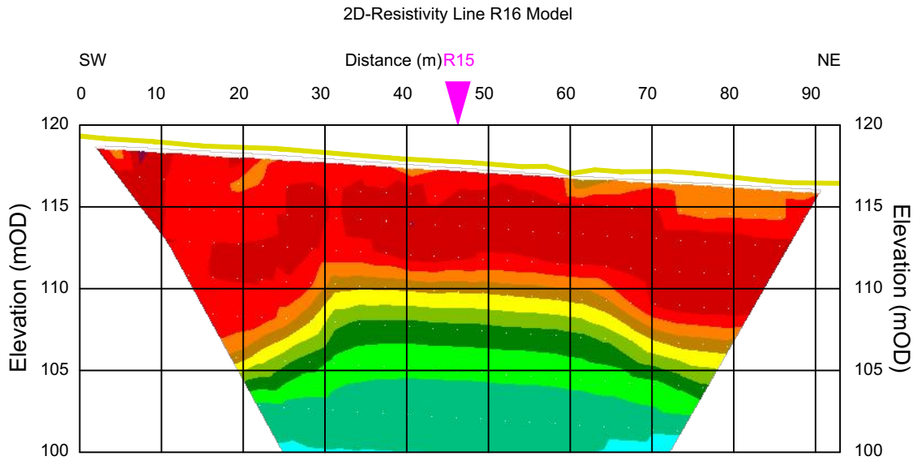

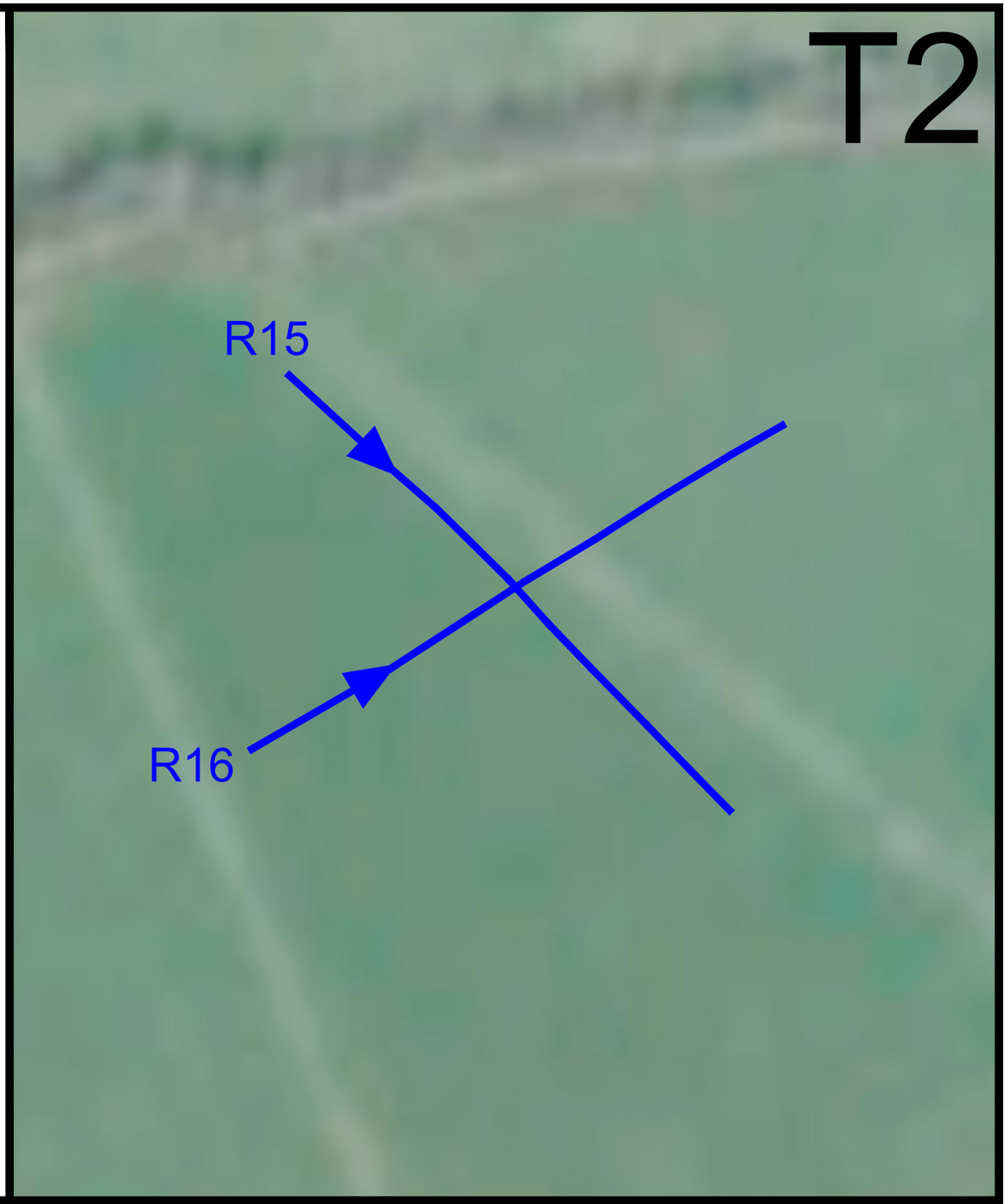

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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1b: Models of Geophysical Survey at T2

SCALE:	1:750 @ A3, VE x 2
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2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model

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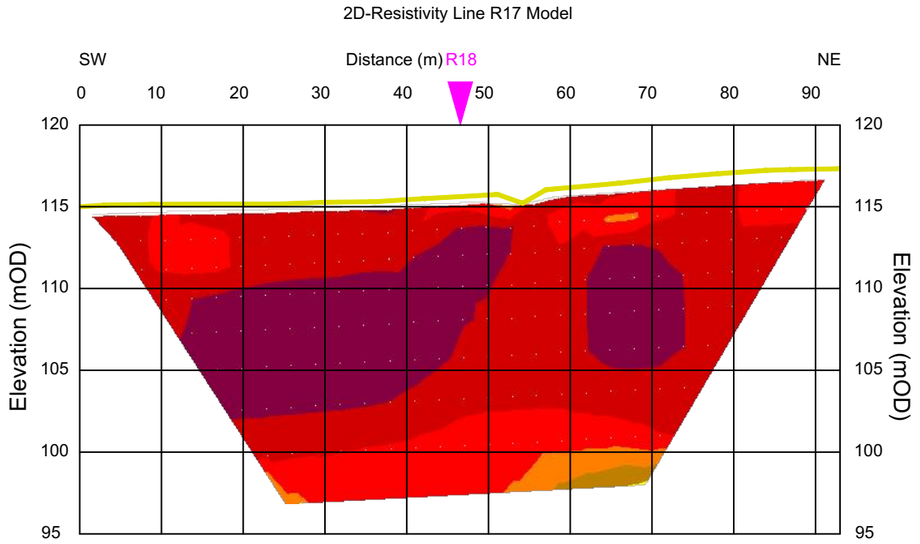

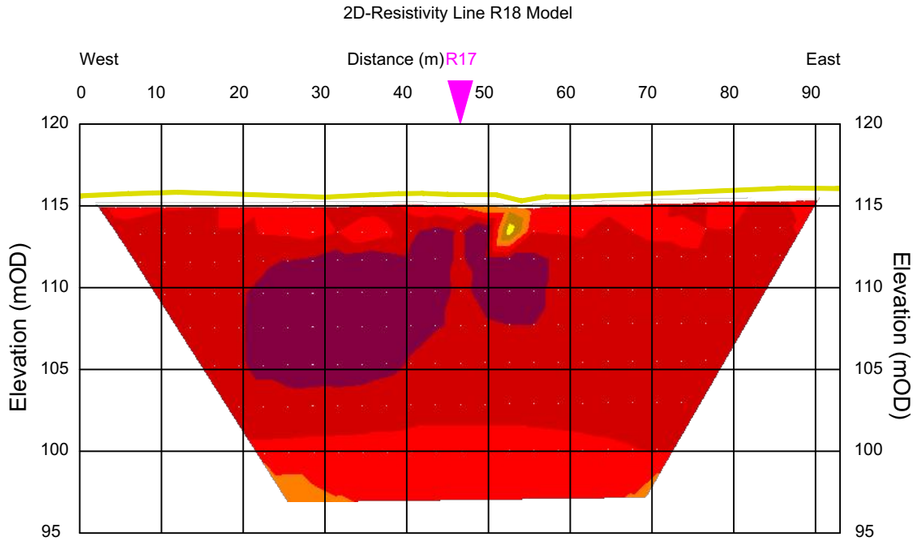

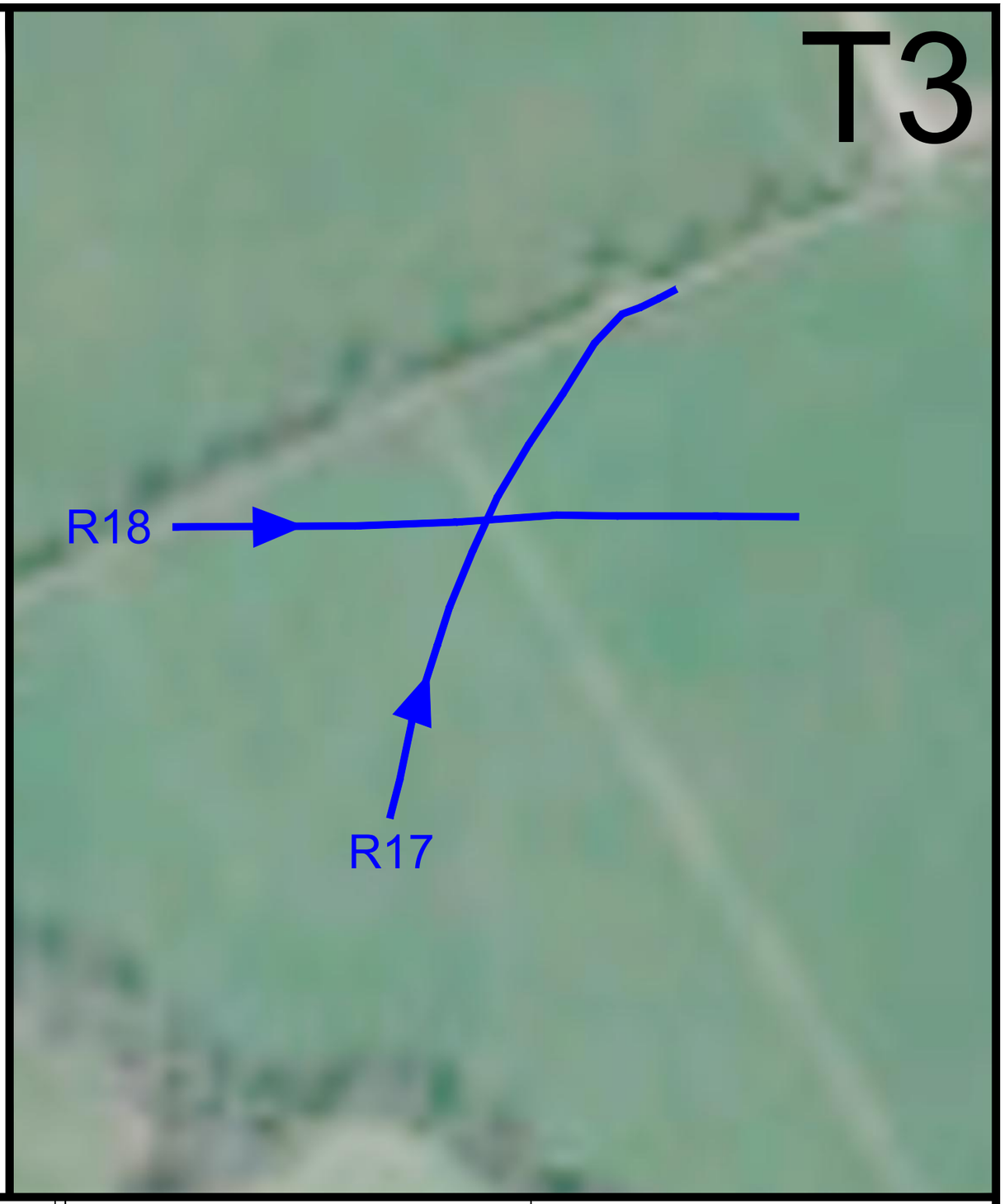

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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1c: Models of Geophysical Survey at T3

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model

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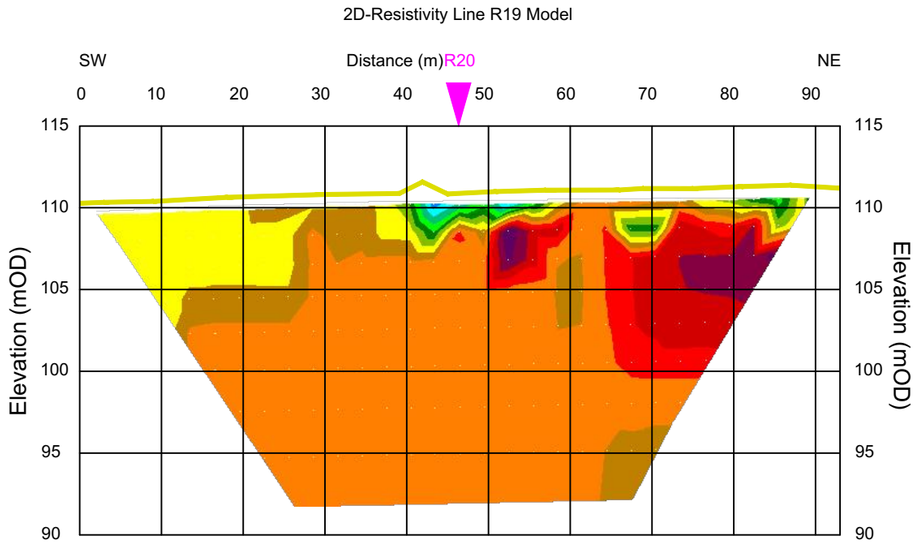

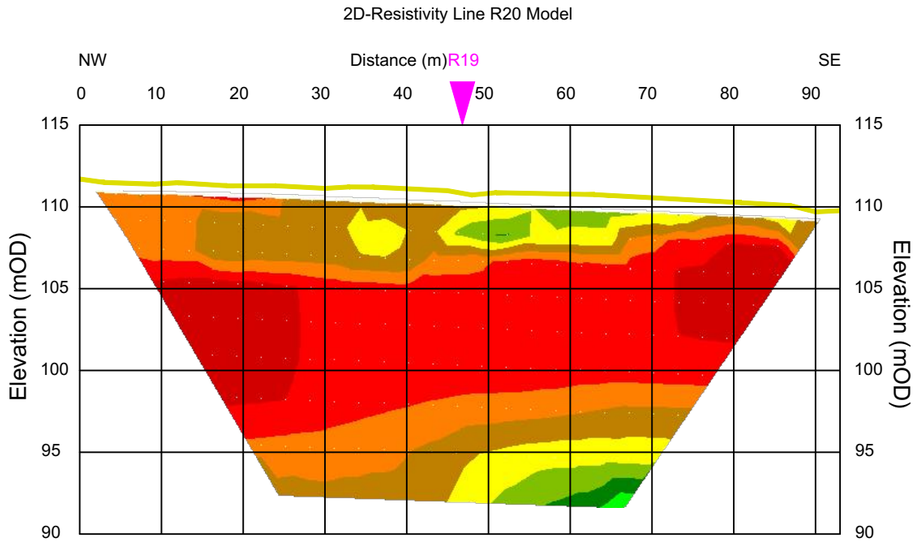

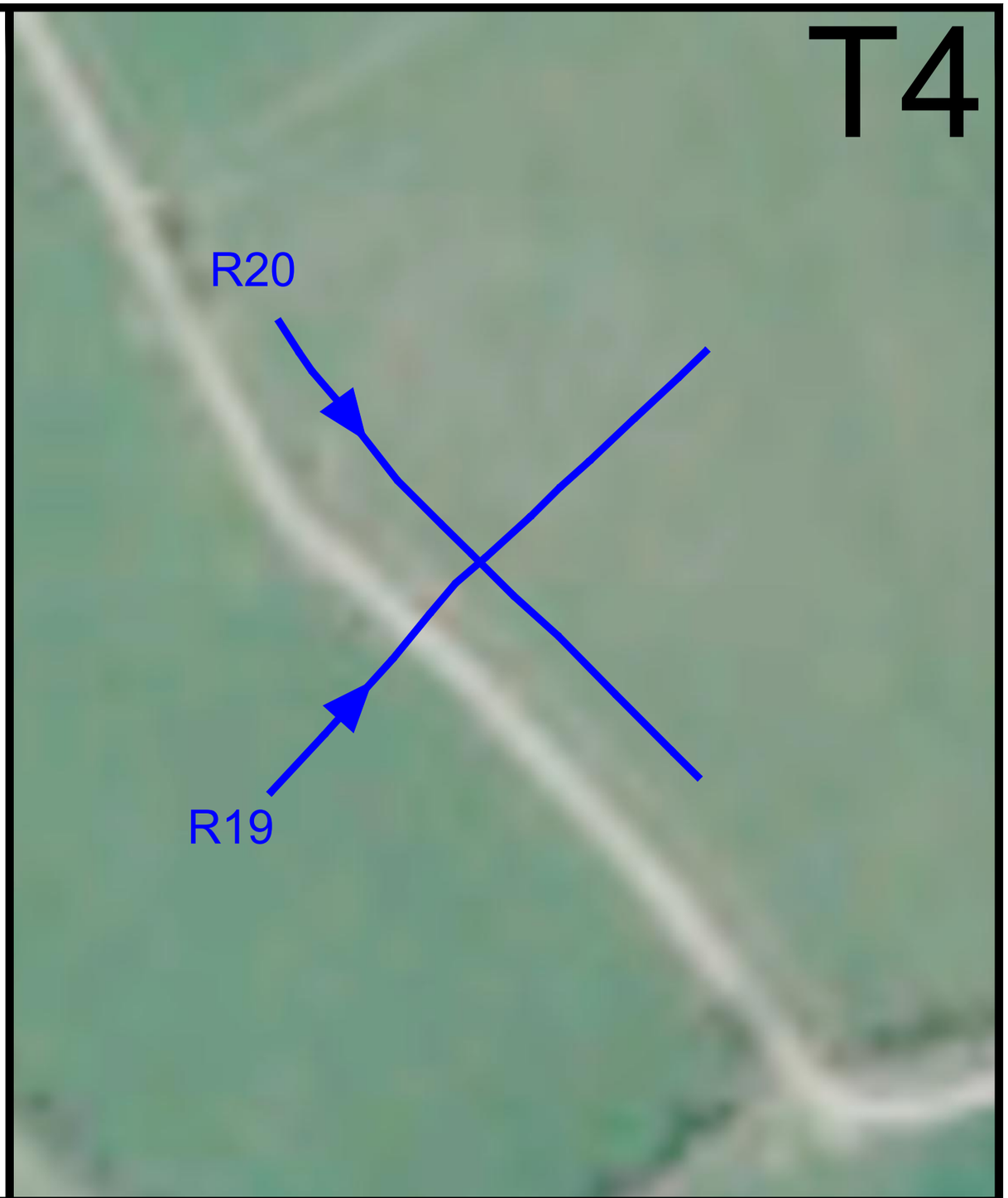

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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1d: Models of Geophysical Survey at T4

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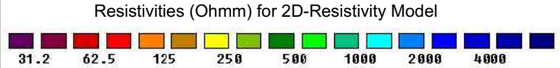
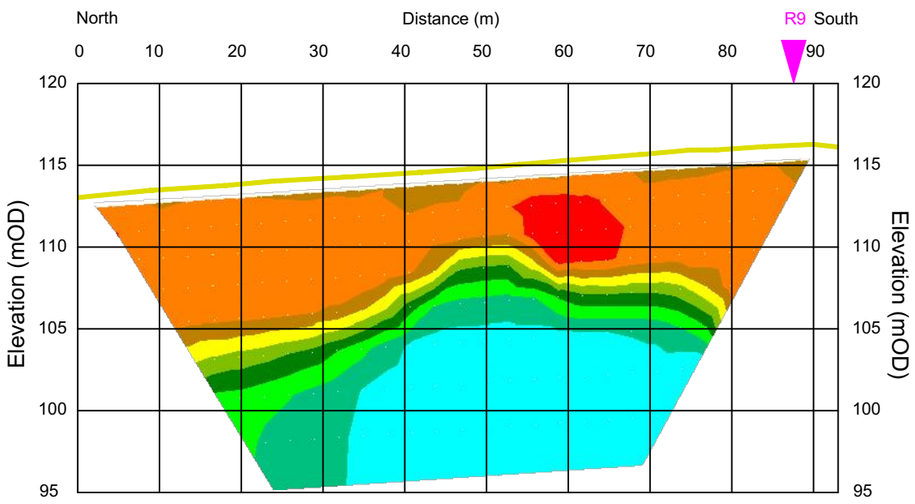
2D-Resistivity Model Values:

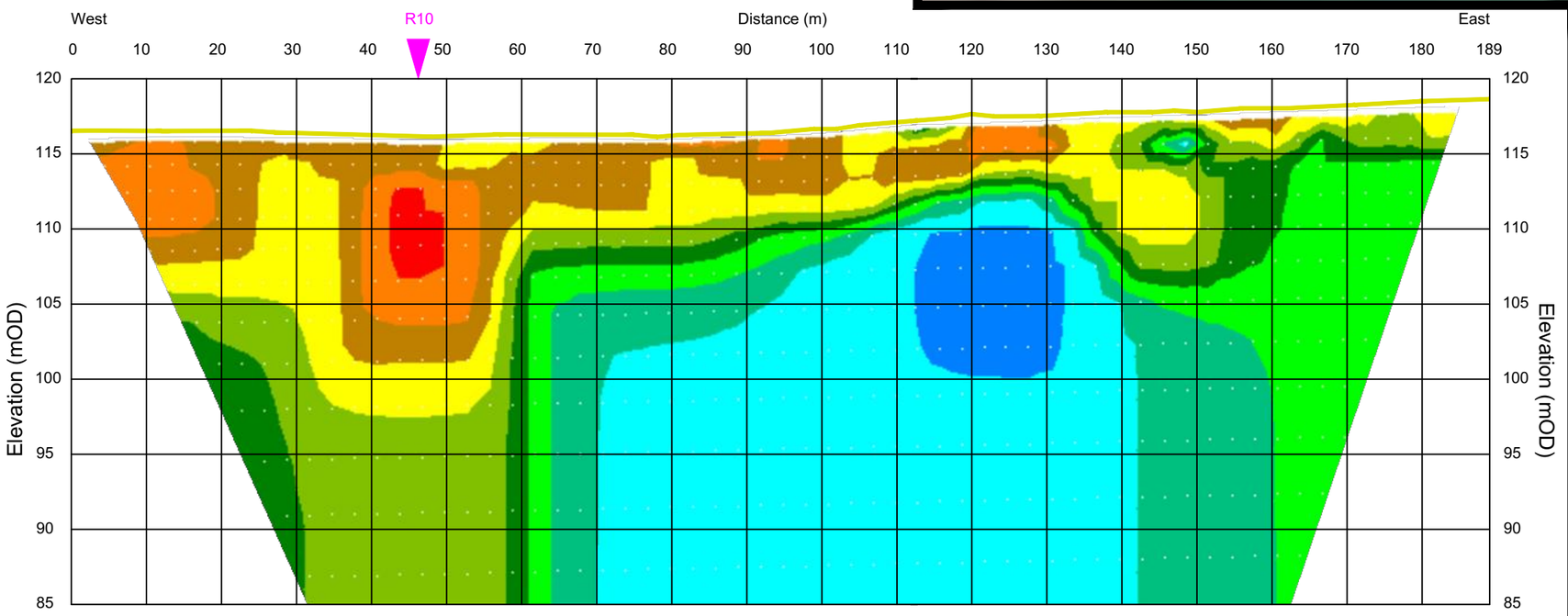
Resistivities (Ohmm) for 2D-Resistivity Model

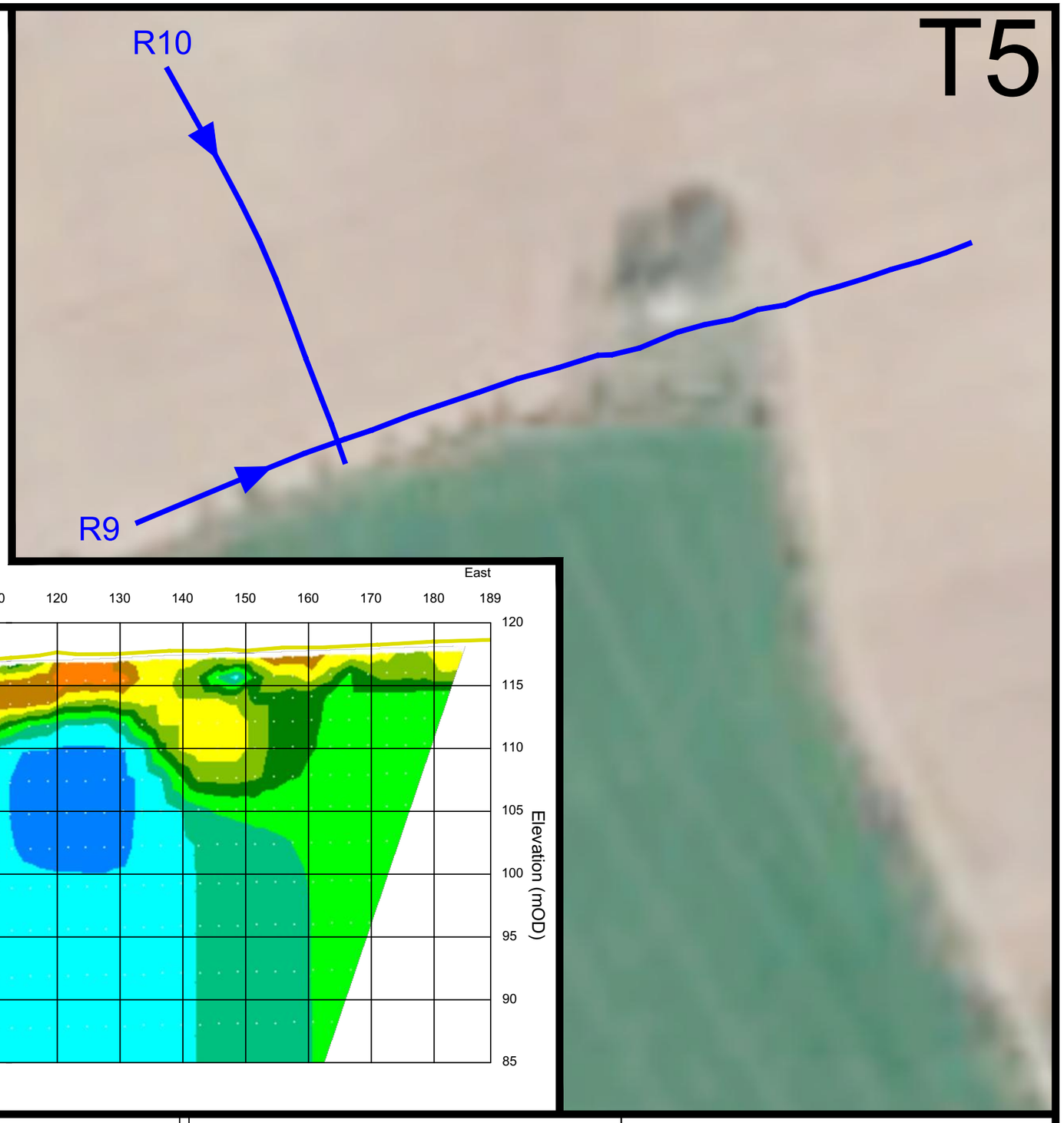


2D-Resistivity Line R10 Model



2D-Resistivity Line R9 Model





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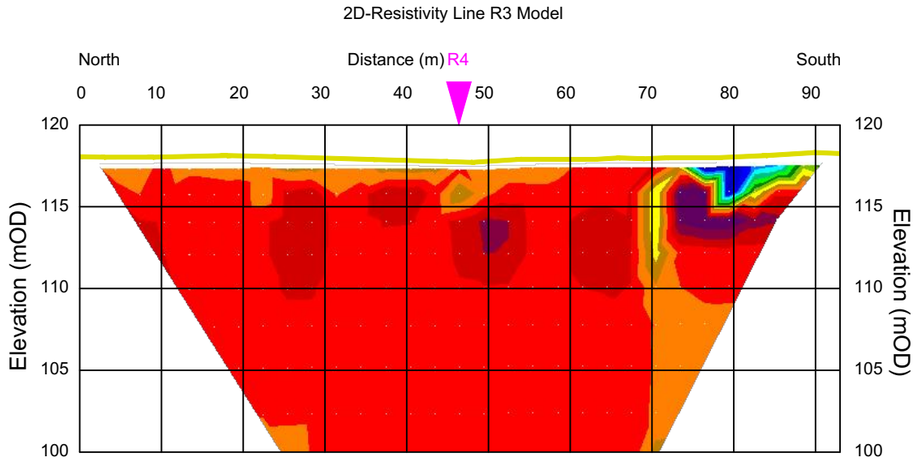
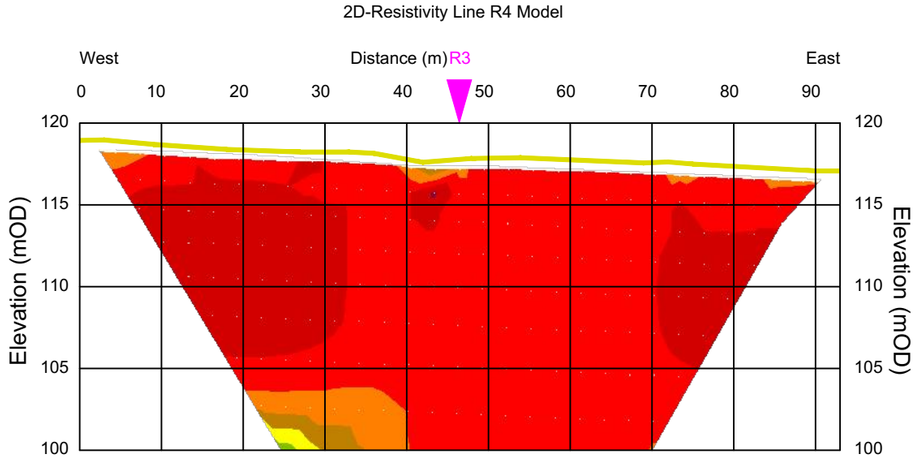
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1e: Models of Geophysical Survey at T5

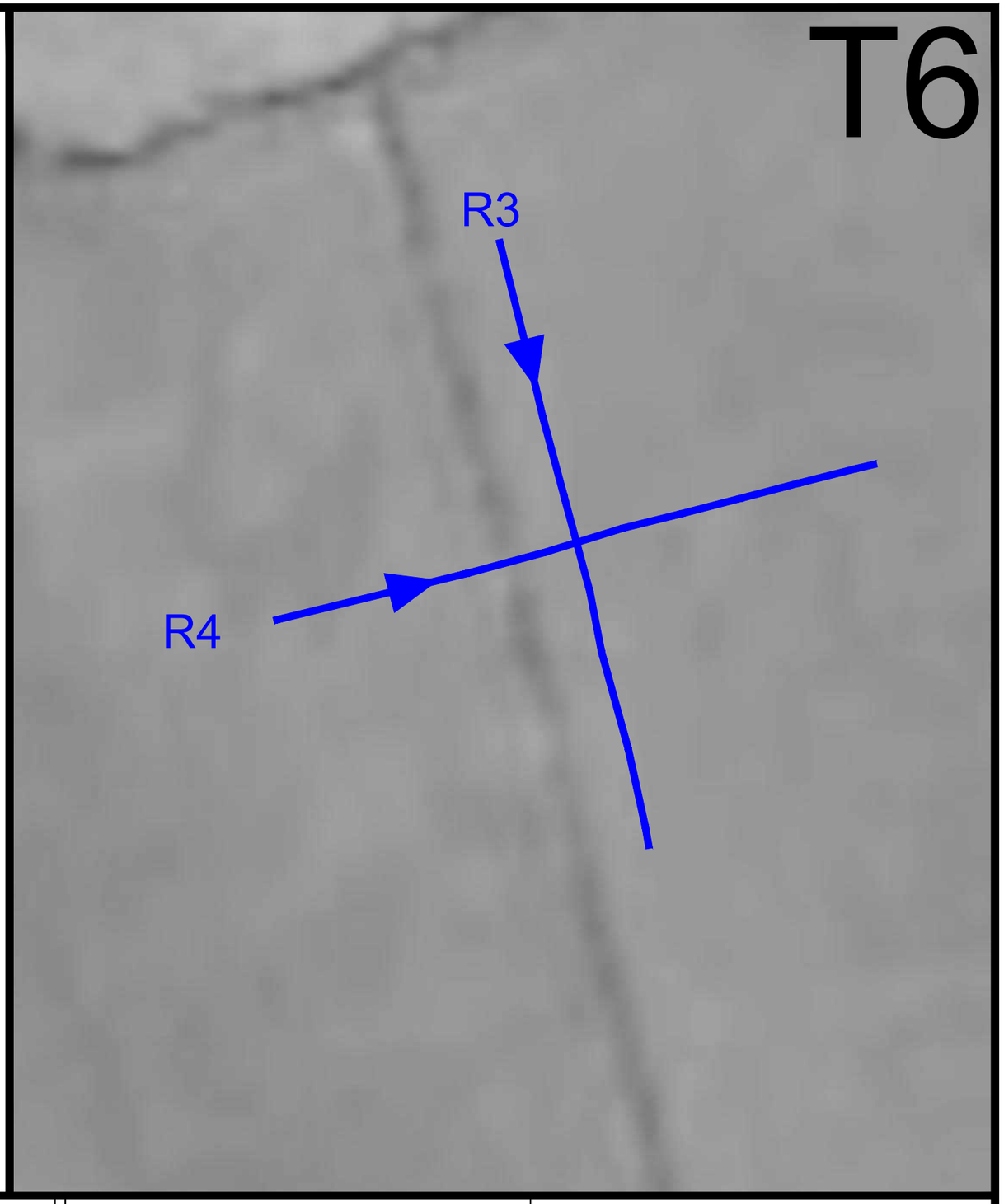
SCALE:	1:750 @ A3, VE x 2, Map 1:1000
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model







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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1f: Models of Geophysical Survey at T6

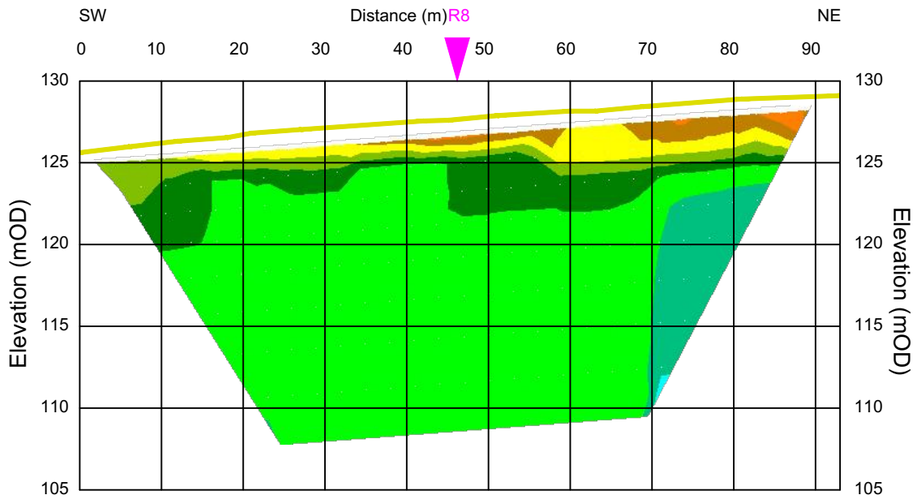
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

2D-Resistivity Model Values:

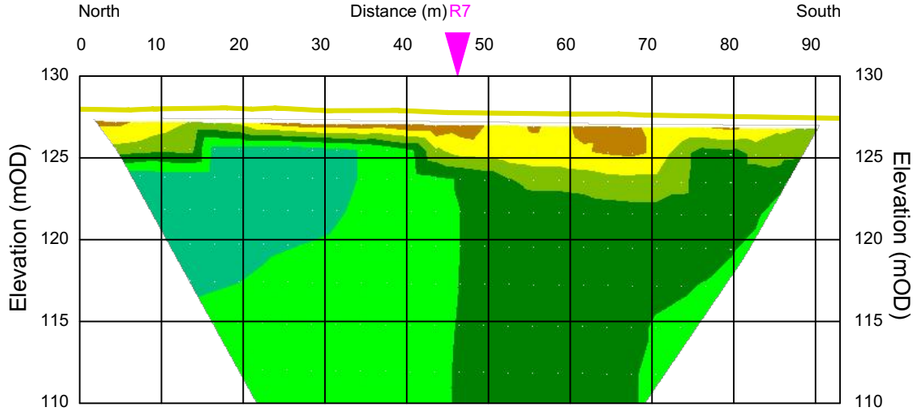
Resistivities (Ohmm) for 2D-Resistivity Model

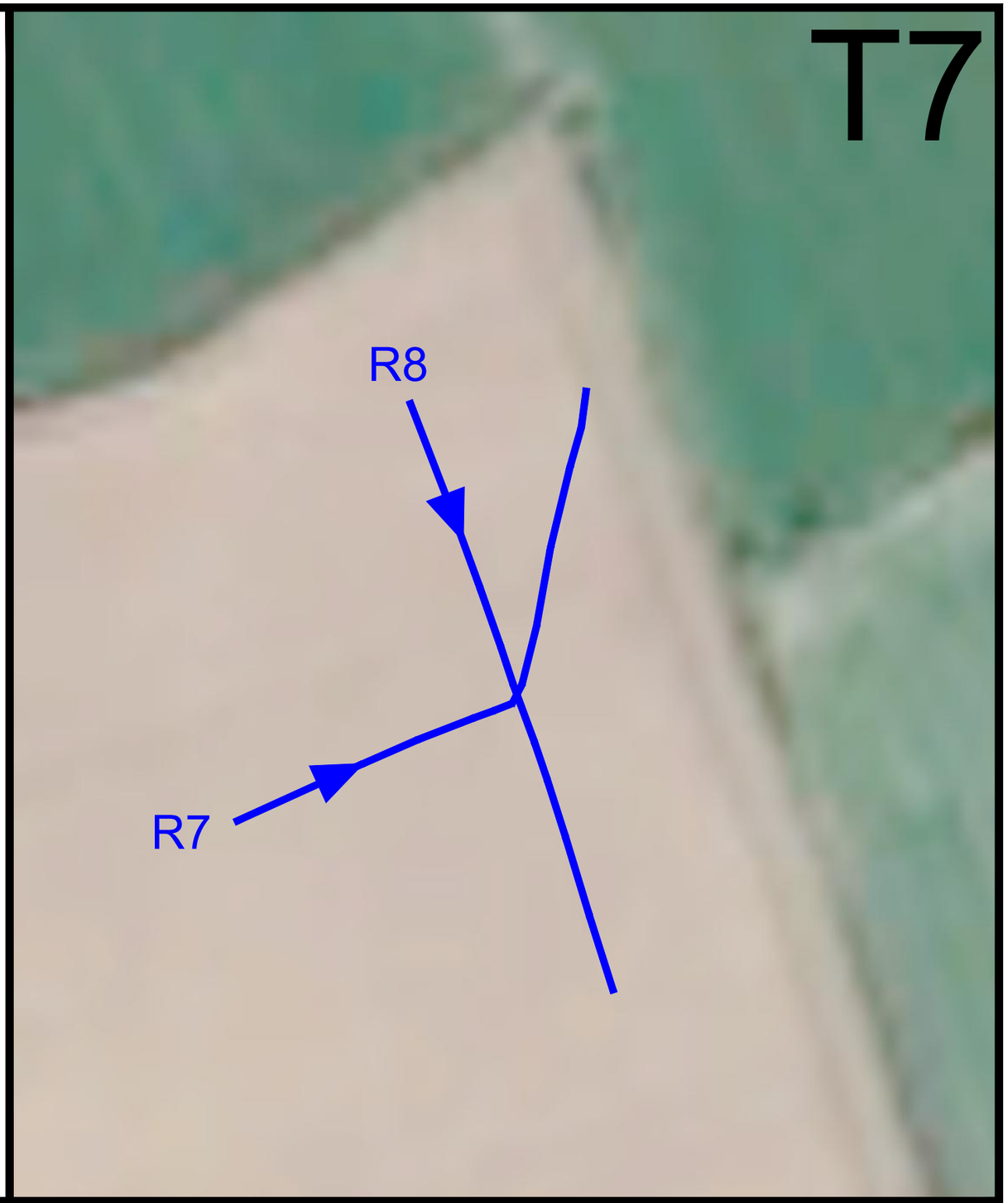
31.2 62.5 125 250 500 1000 2000 4000

2D-Resistivity Line R7 Model



2D-Resistivity Line R8 Model





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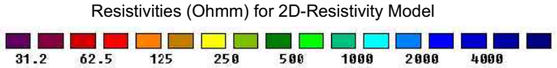
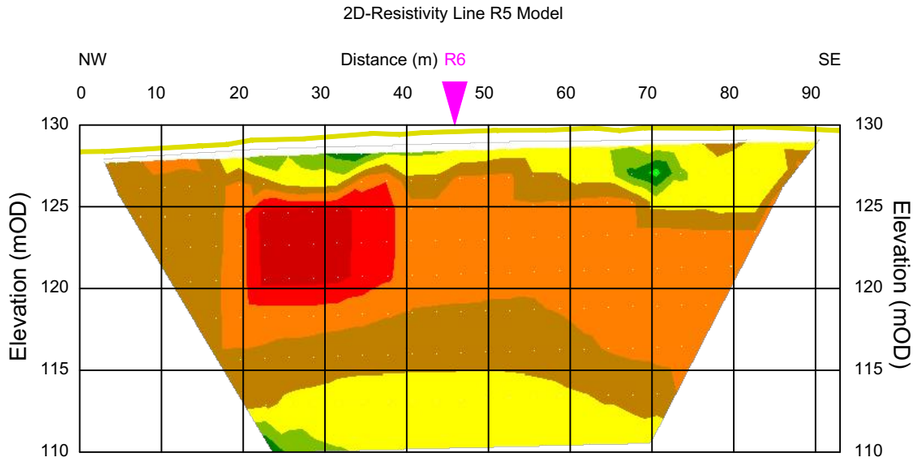
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1g: Models of Geophysical Survey at T7

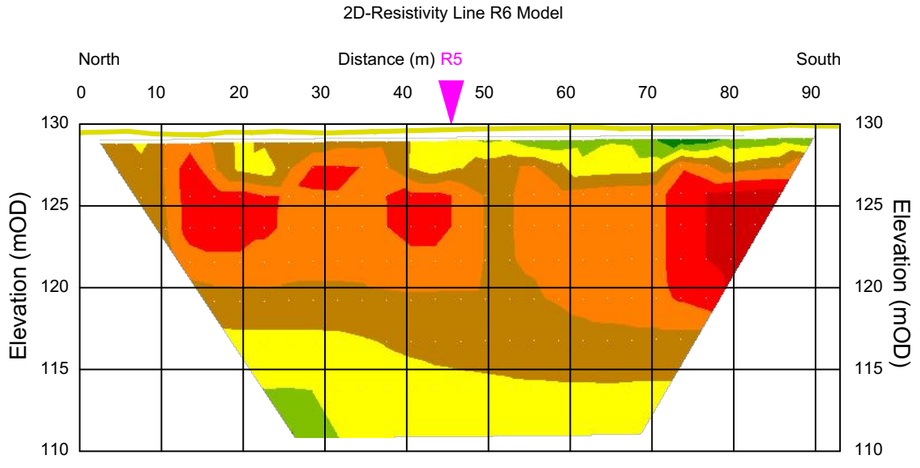
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

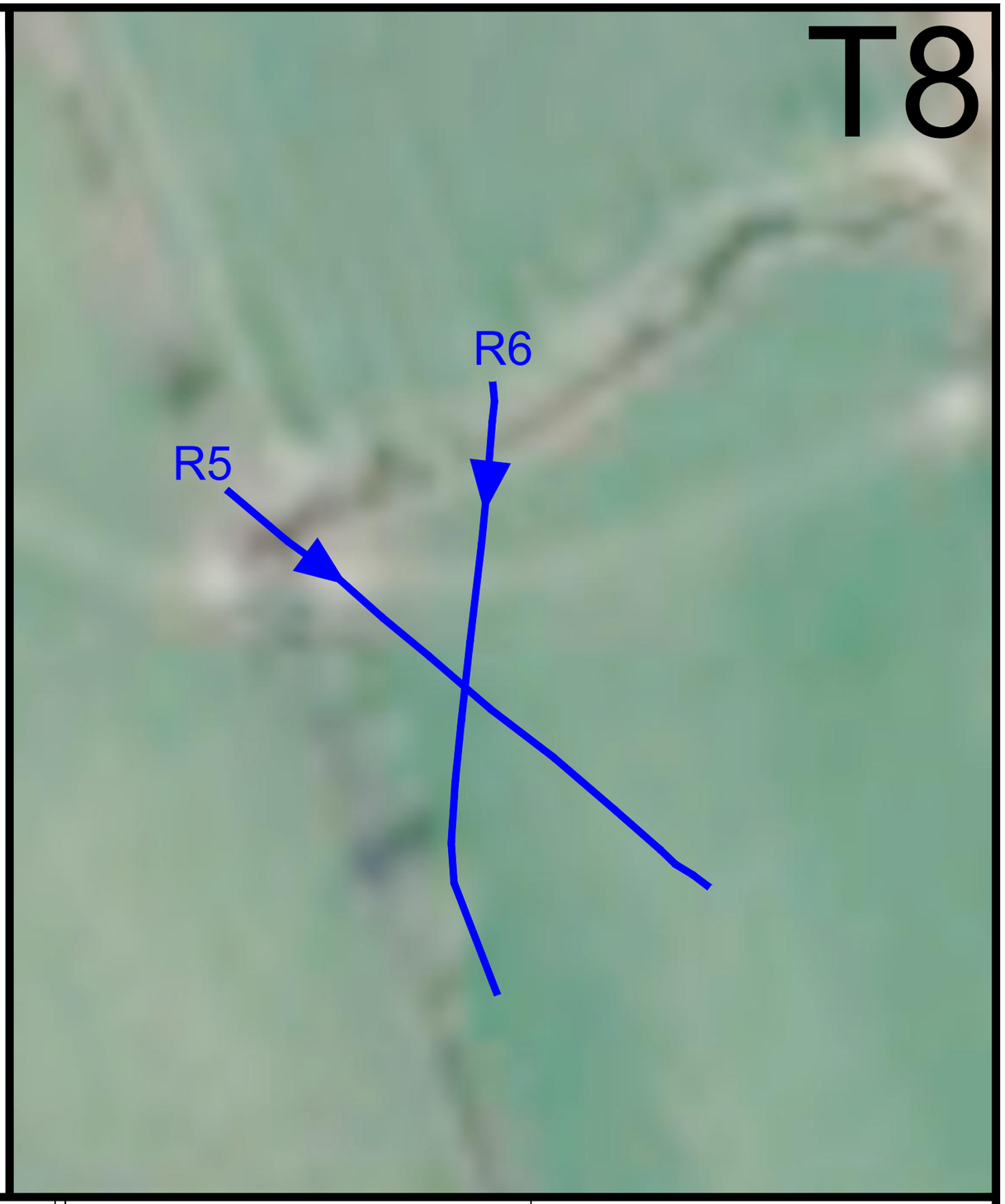
2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model









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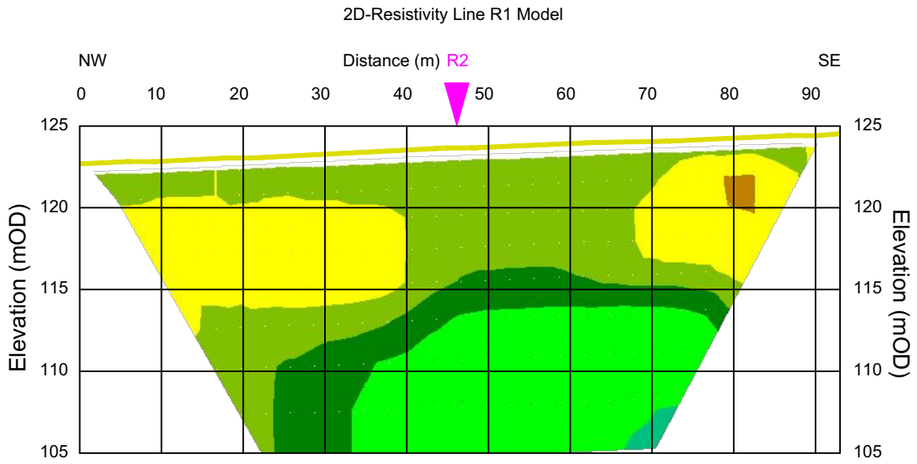
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1h: Models of Geophysical Survey at T8

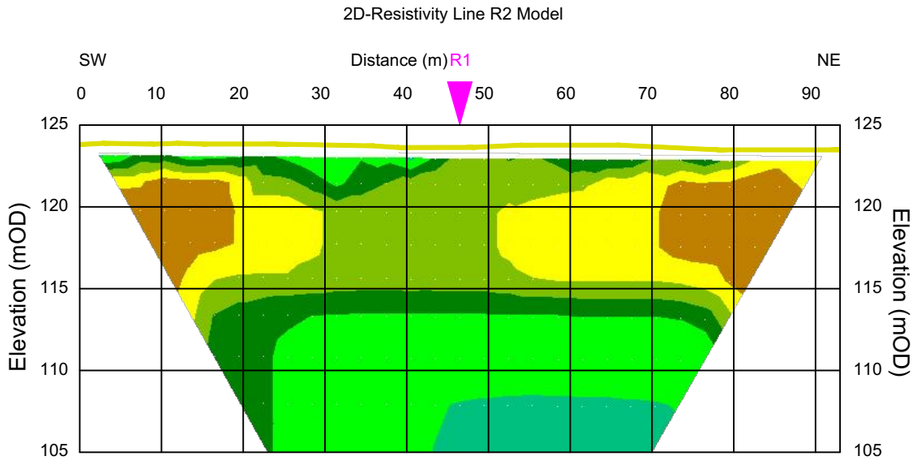
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

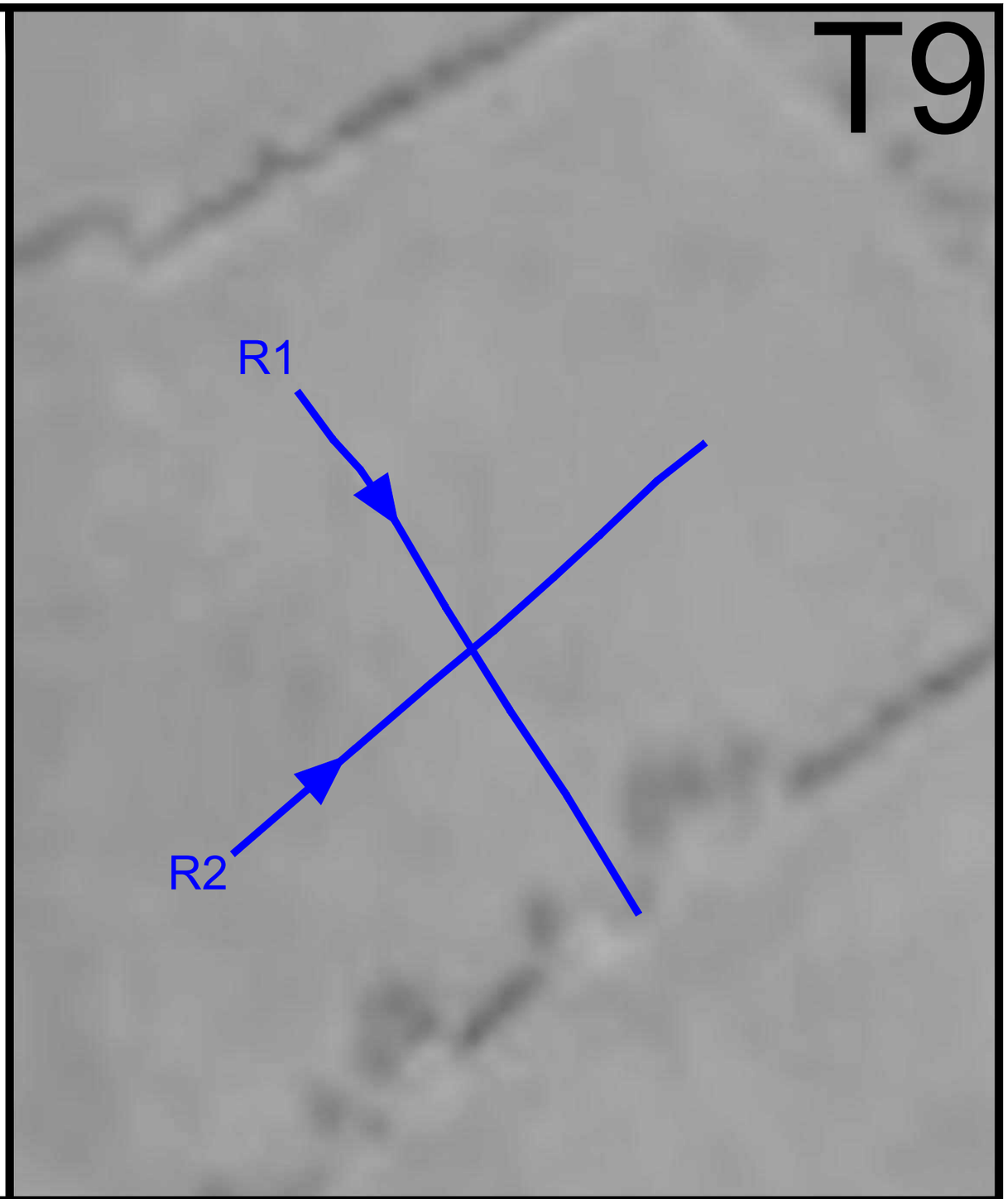
2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model

31.2 62.5 125 250 500 1000 2000 4000







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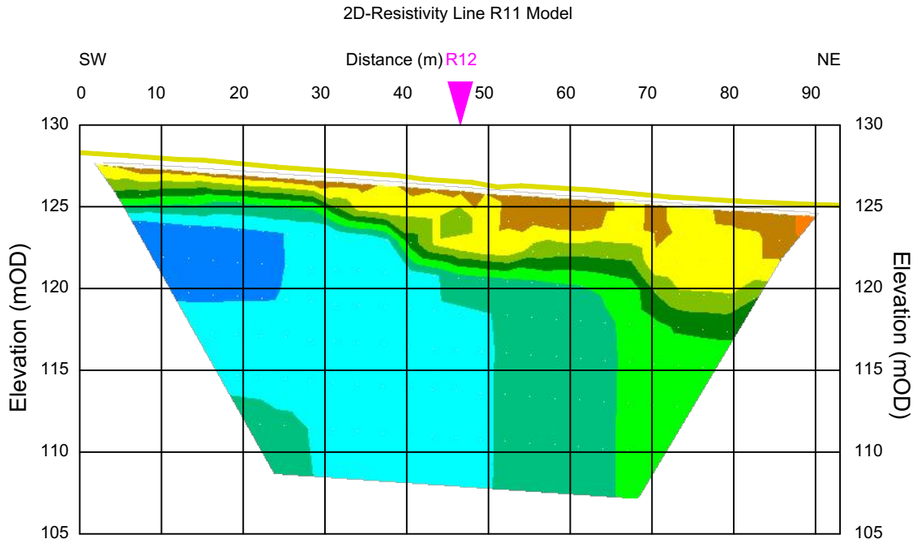
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1i: Models of Geophysical Survey at T9

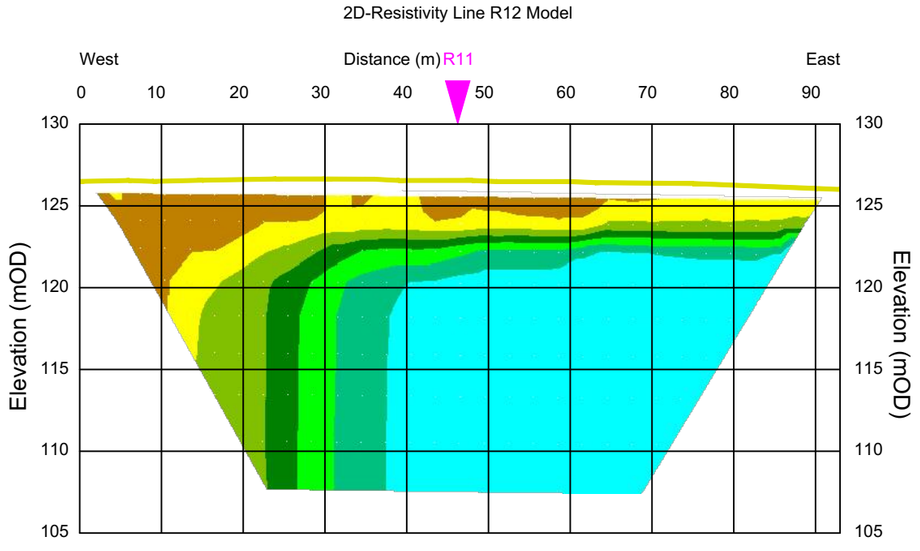
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

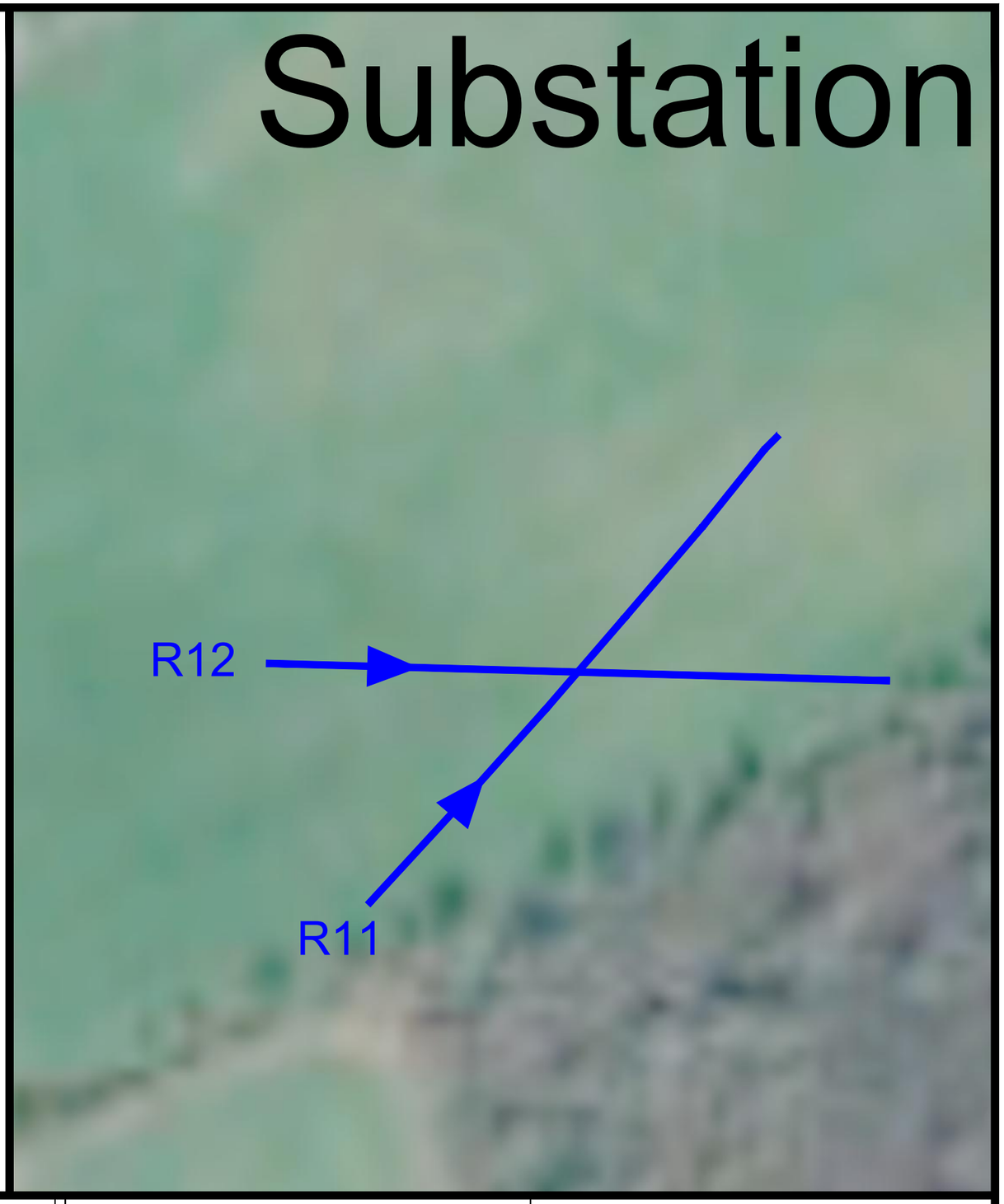
2D-Resistivity Model Values:

Resistivities (Ohmm) for 2D-Resistivity Model

31.2 62.5 125 250 500 1000 2000 4000







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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 1j: Models of Geophysical Survey at Substation

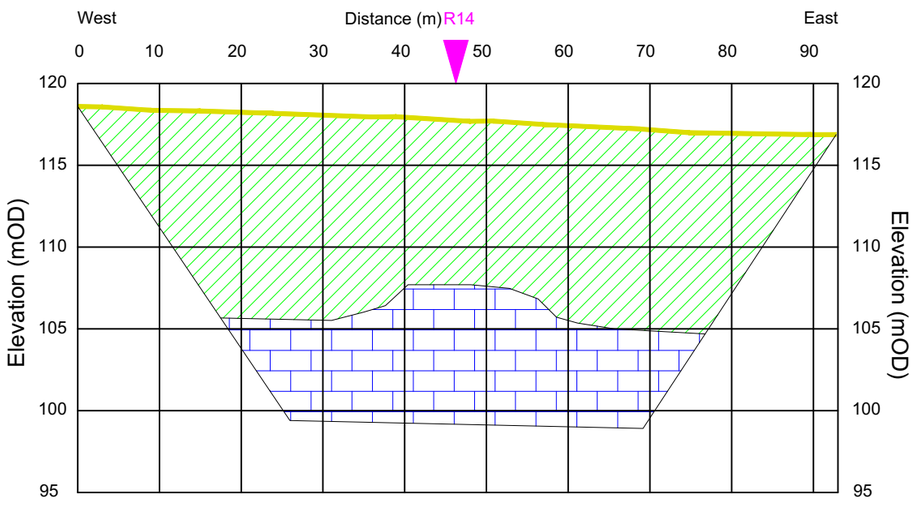
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

2D-Resistivity Model Values:

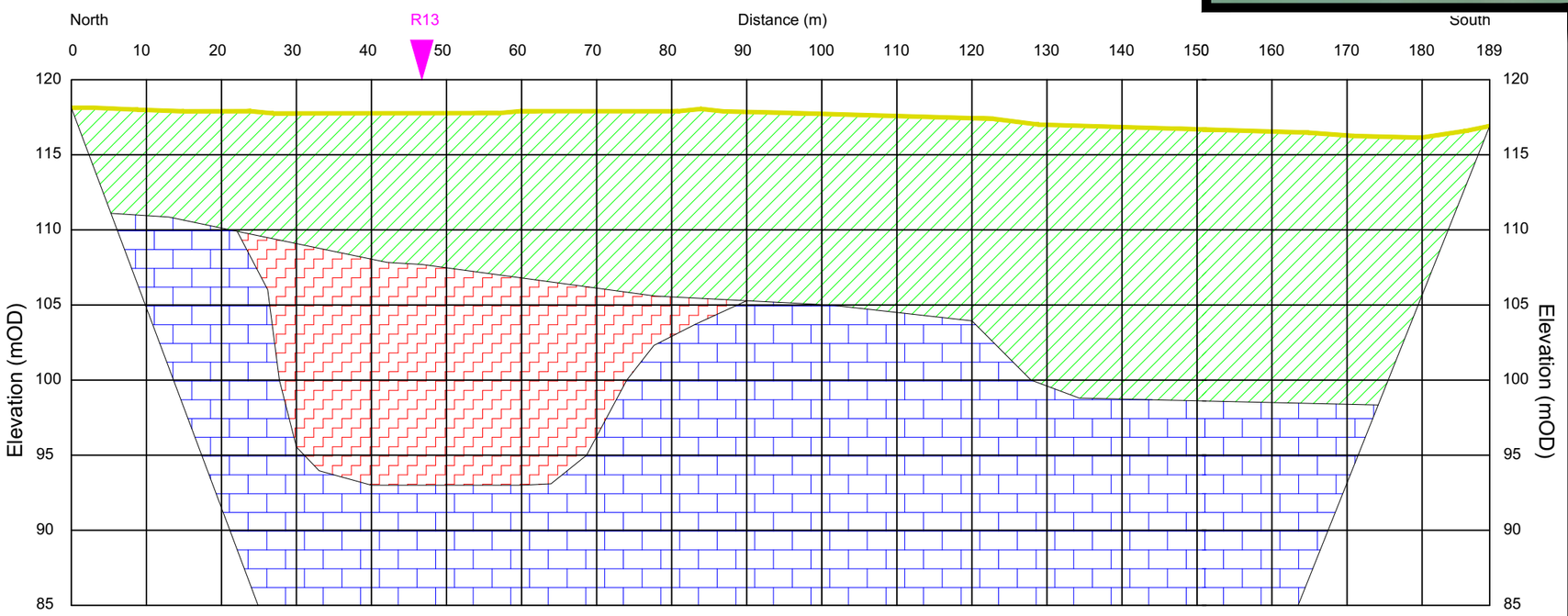
Resistivities (Ohmm) for 2D-Resistivity Model

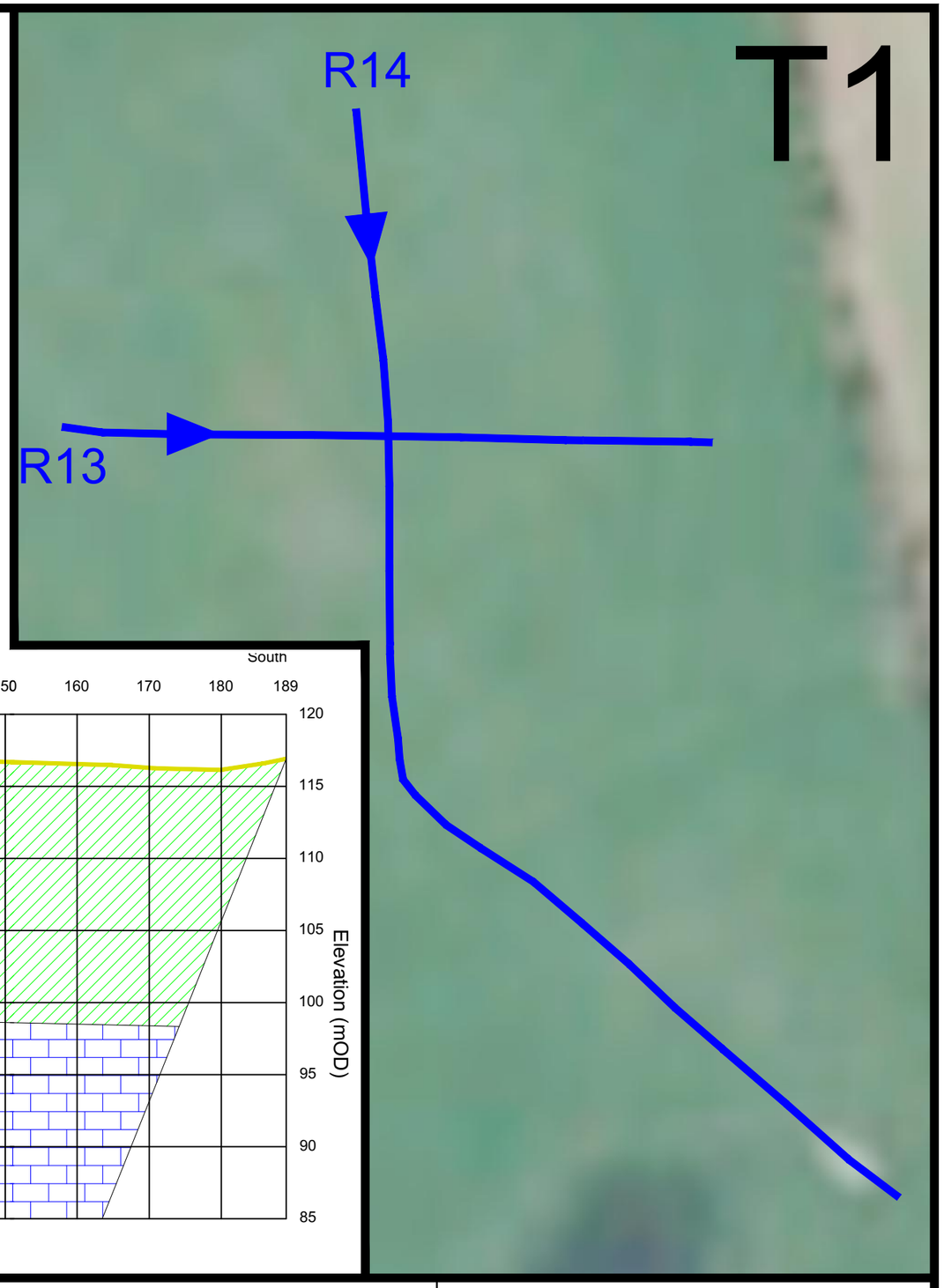
31.2 62.5 125 250 500 1000 2000 4000

2D-Resistivity Line R13 Interpretation



2D-Resistivity Line R14 Interpretation





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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2a: Interpretation of Geophysical Survey at T1

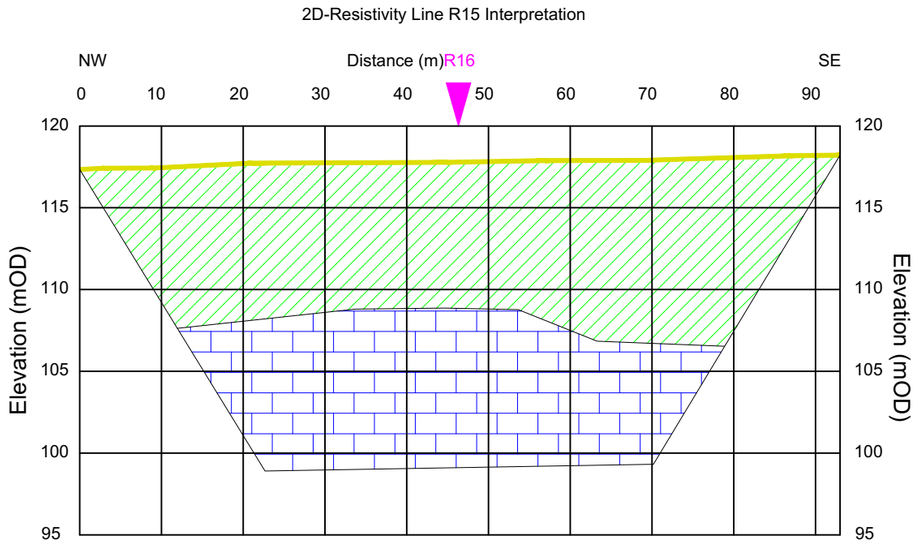
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

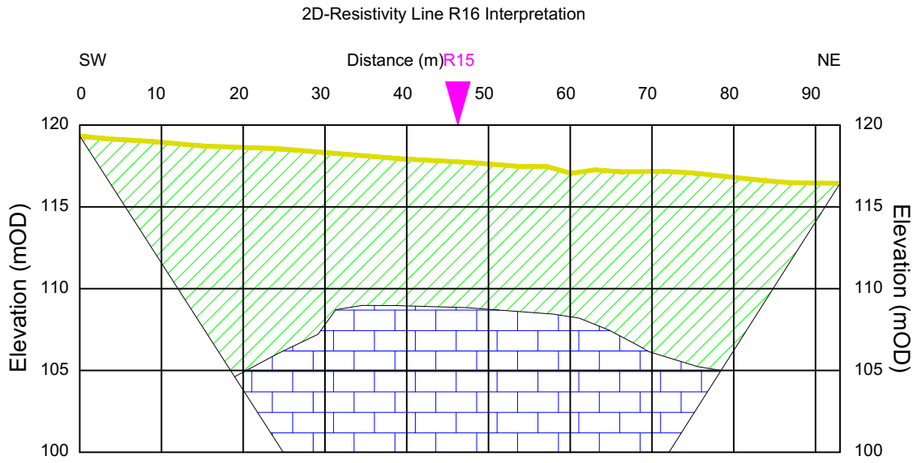
Interpretation:

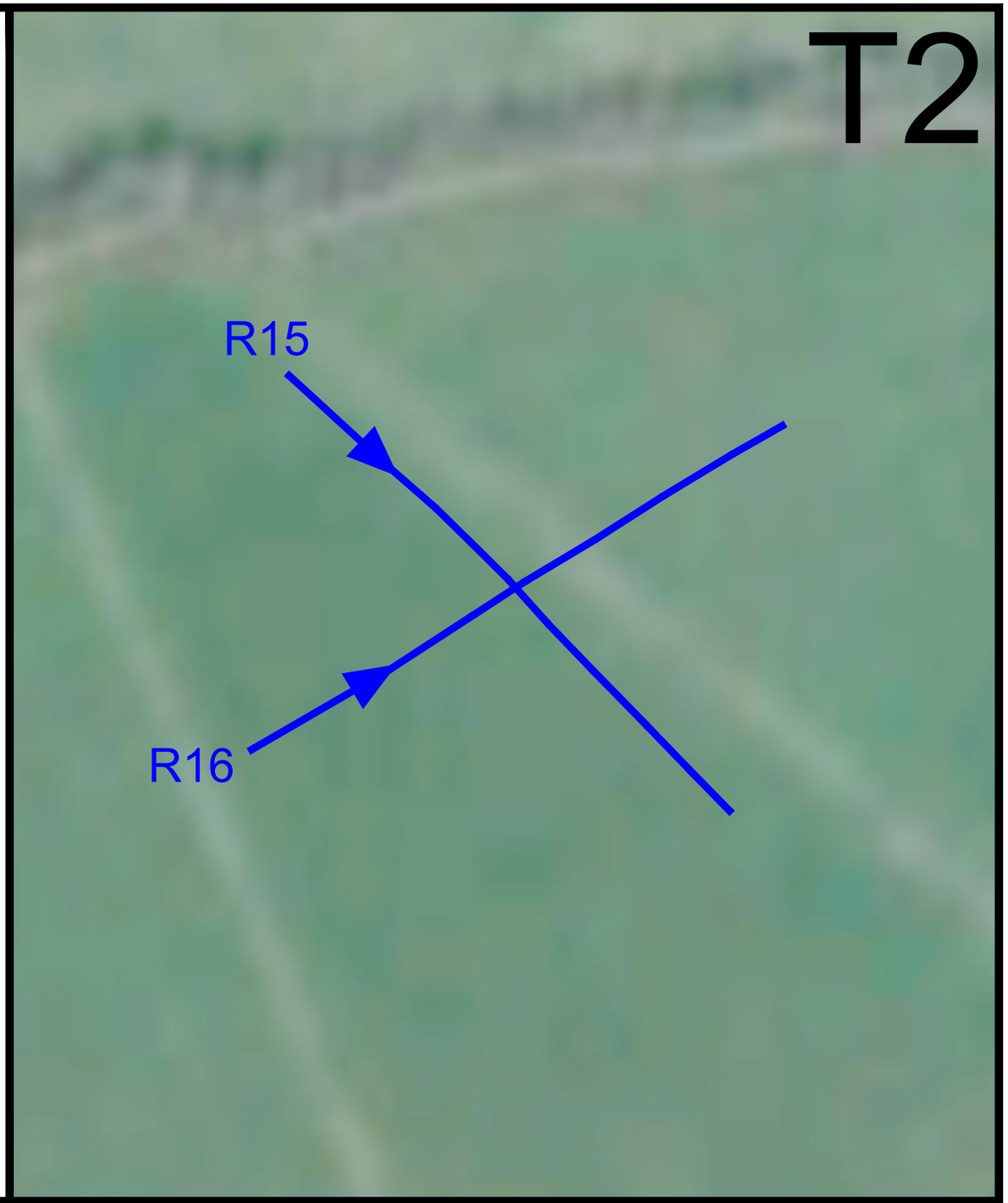
1 Sandy gravelly clay and silt

2a Clayey silty sand and gravel or Weathered or Karstified limestone

3a Limestone







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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2b: Interpretation of Geophysical Survey at T2

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

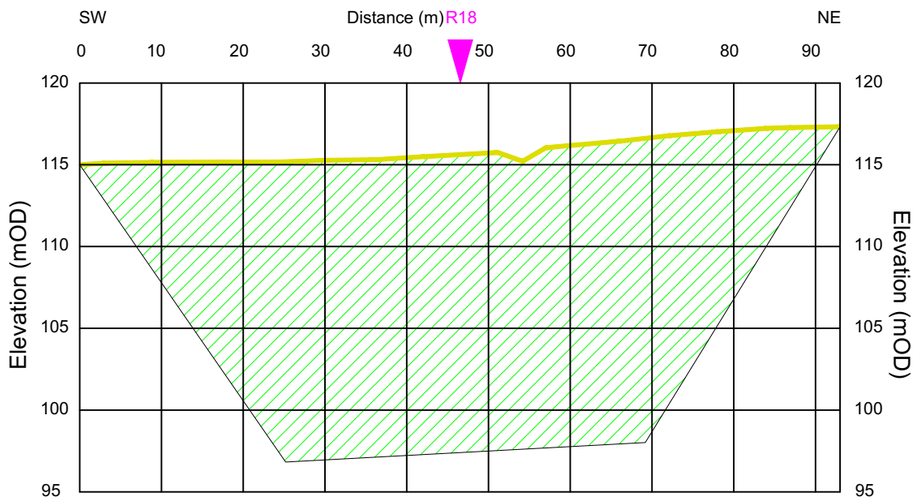
Interpretation:

1 Sandy gravelly clay and silt

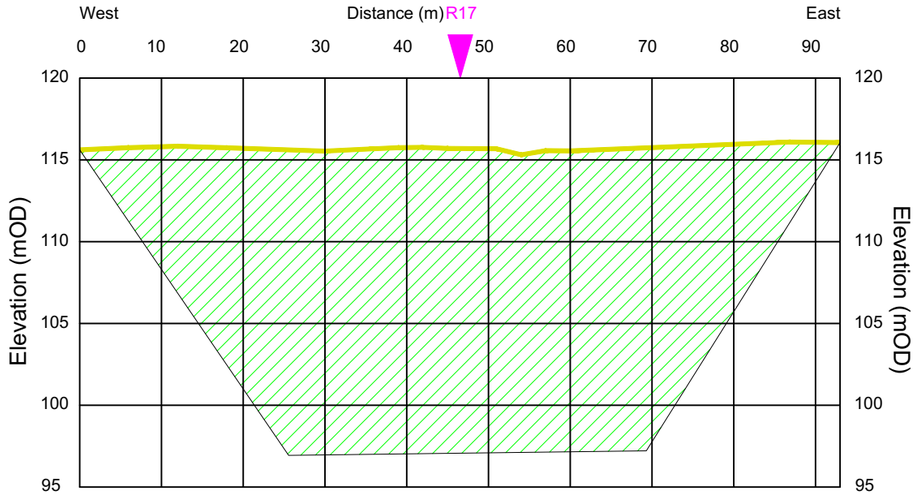
2a Clayey silty sand and gravel or Weathered or Karstified limestone

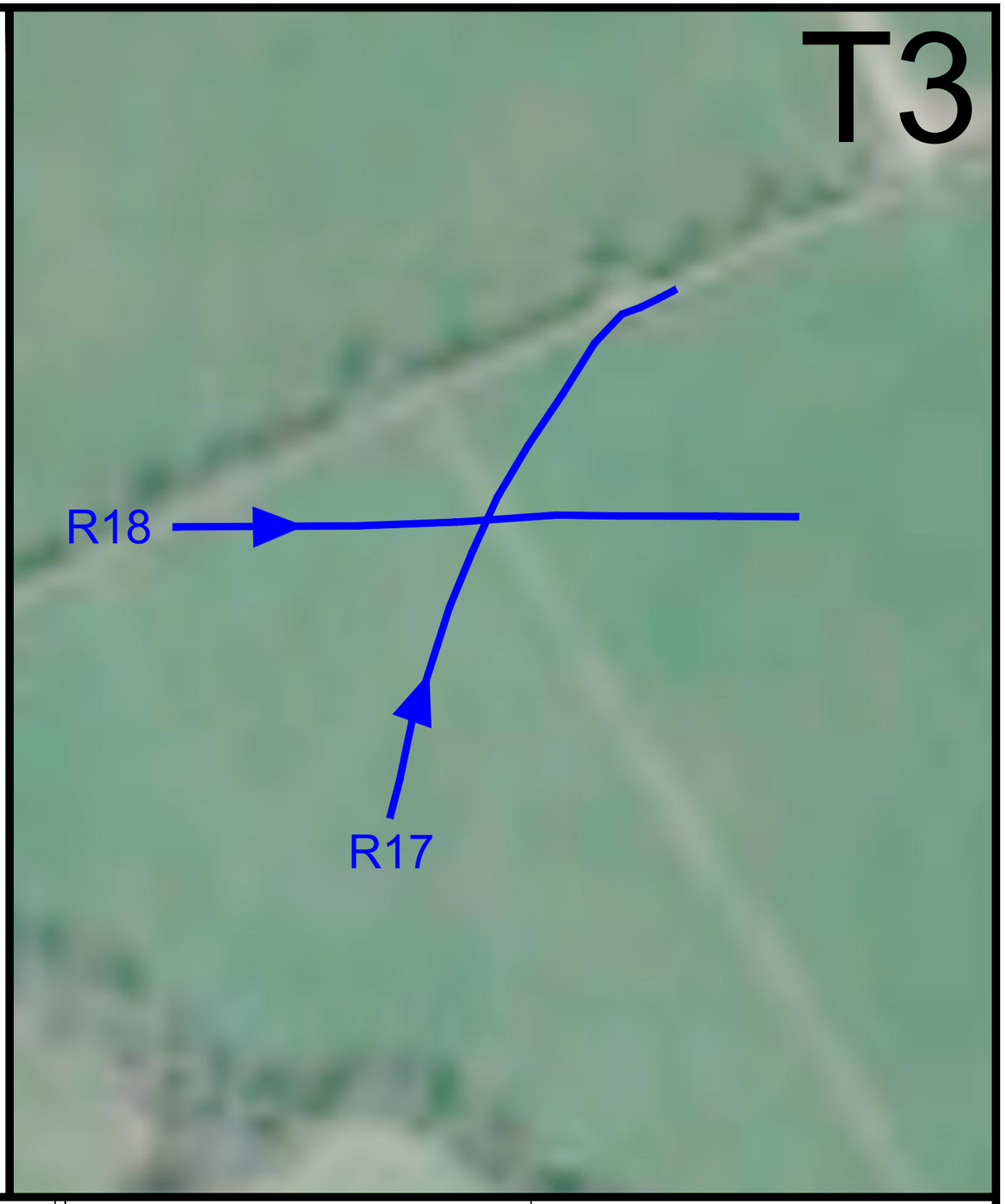
3a Limestone

2D-Resistivity Line R17 Interpretation



2D-Resistivity Line R18 Interpretation





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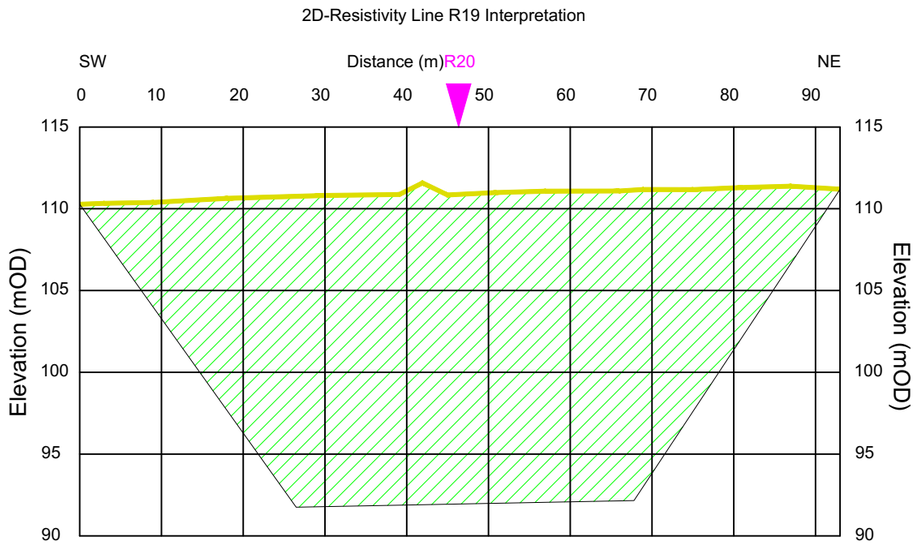
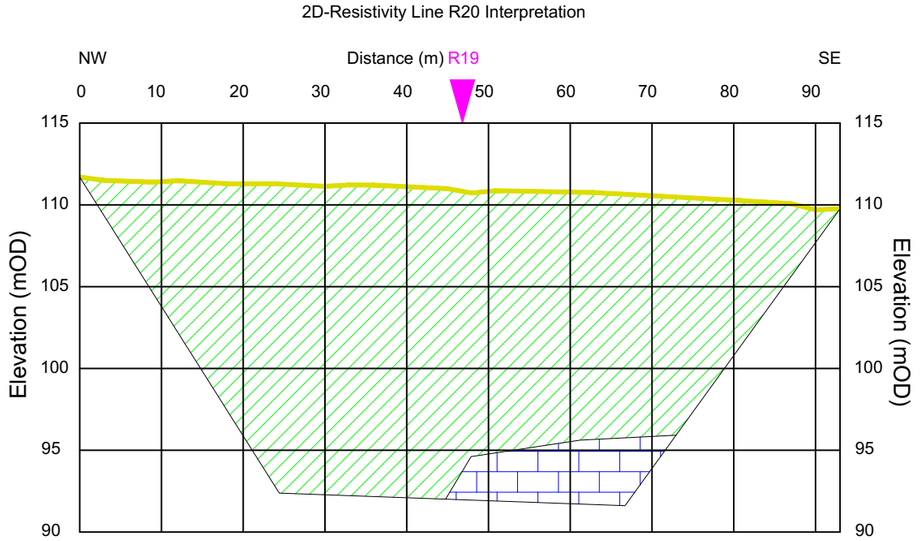
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2c: Interpretation of Geophysical Survey at T3

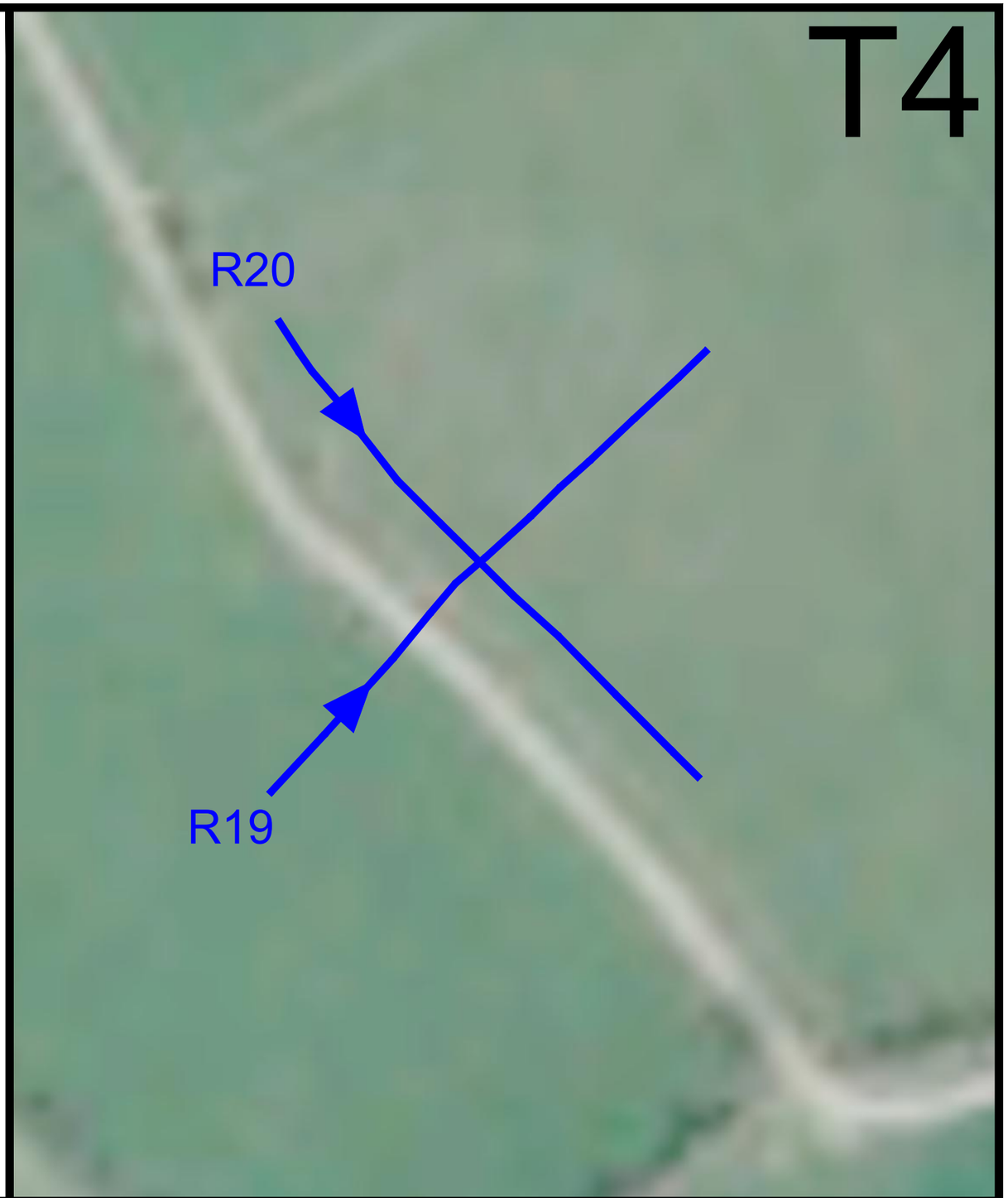
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

Interpretation:

- 1 Sandy gravelly clay and silt
- 2a Clayey silty sand and gravel or Weathered or Karstified limestone
- 3a Limestone







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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2d: Interpretation of Geophysical Survey at T4

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

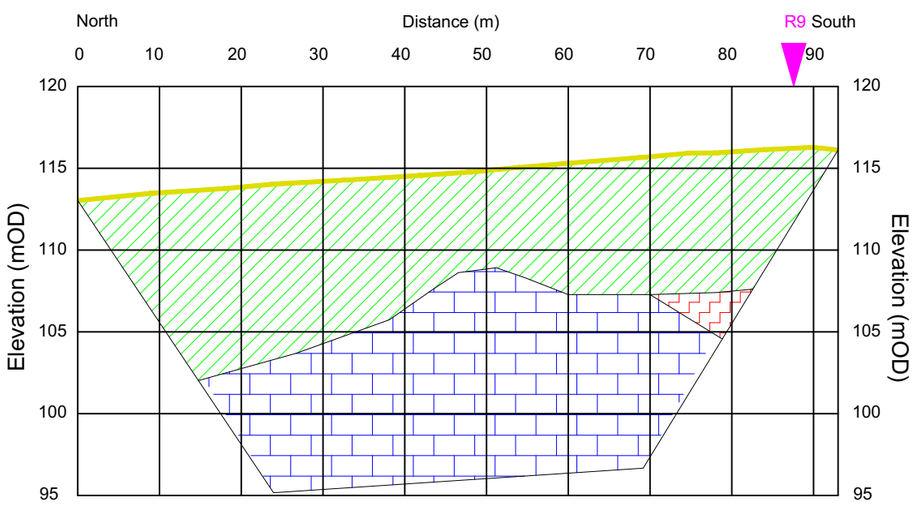
Interpretation:

1 Sandy gravelly clay and silt

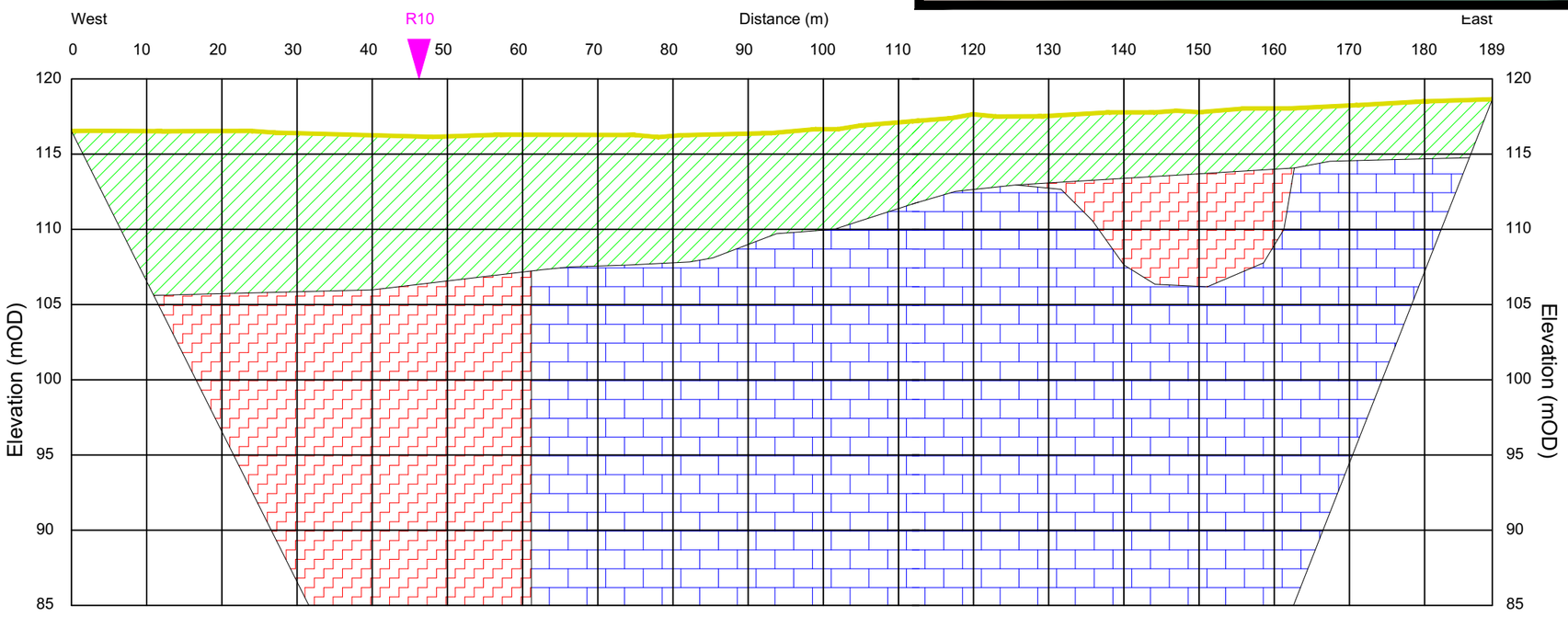
2a Clayey silty sand and gravel or Weathered or Karstified limestone

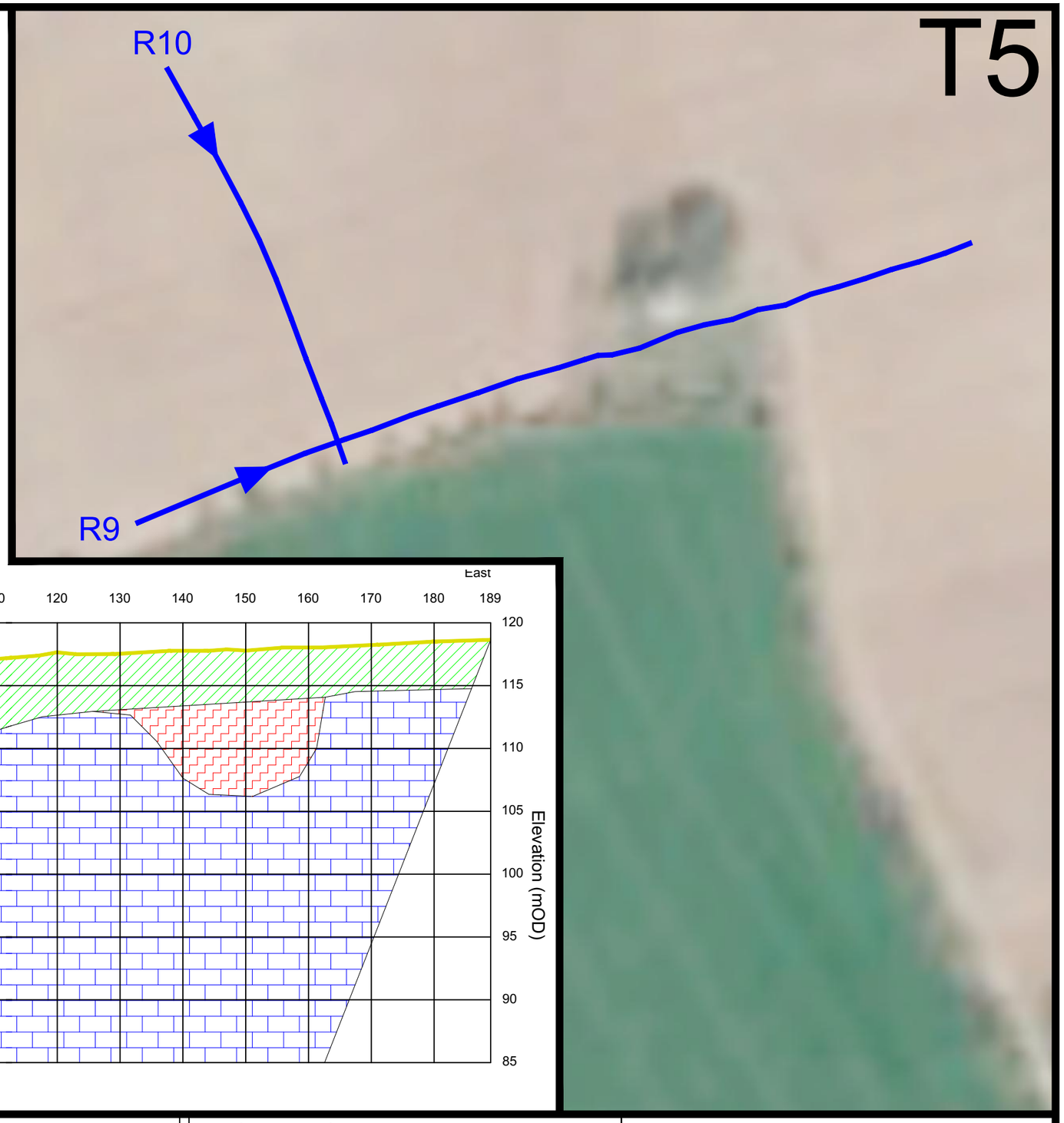
3a Limestone

2D-Resistivity Line R10 Interpretation



2D-Resistivity Line R9 Interpretation





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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2e: Interpretation of Geophysical Survey at T5

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

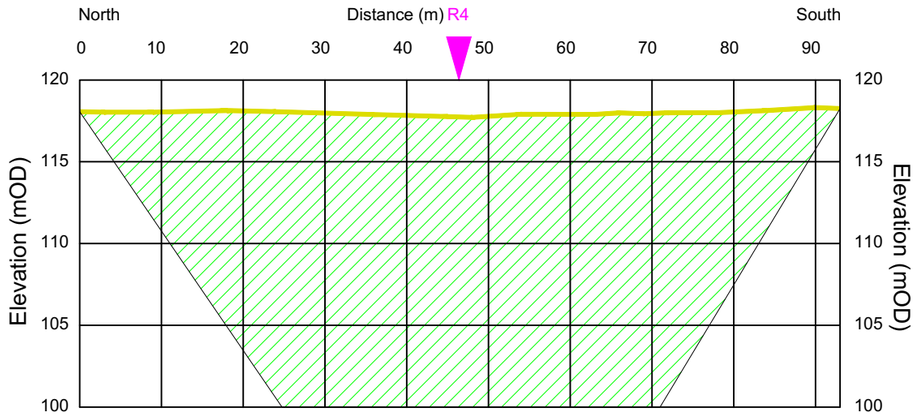
Interpretation:

1 Sandy gravelly clay and silt

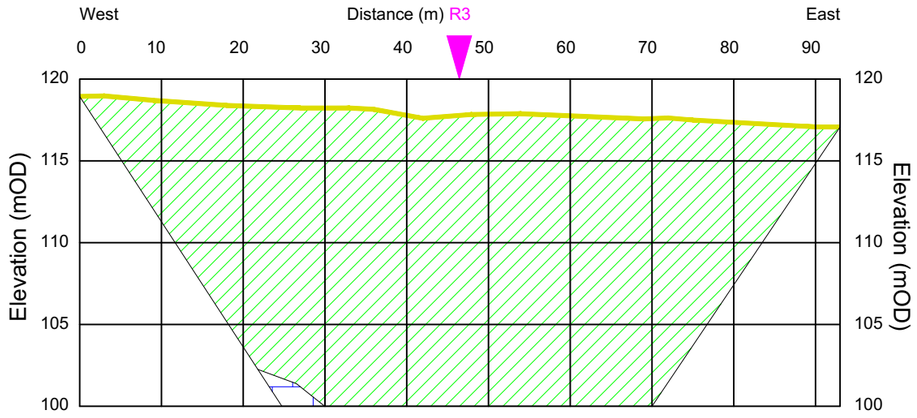
2a Clayey silty sand and gravel or Weathered or Karstified limestone

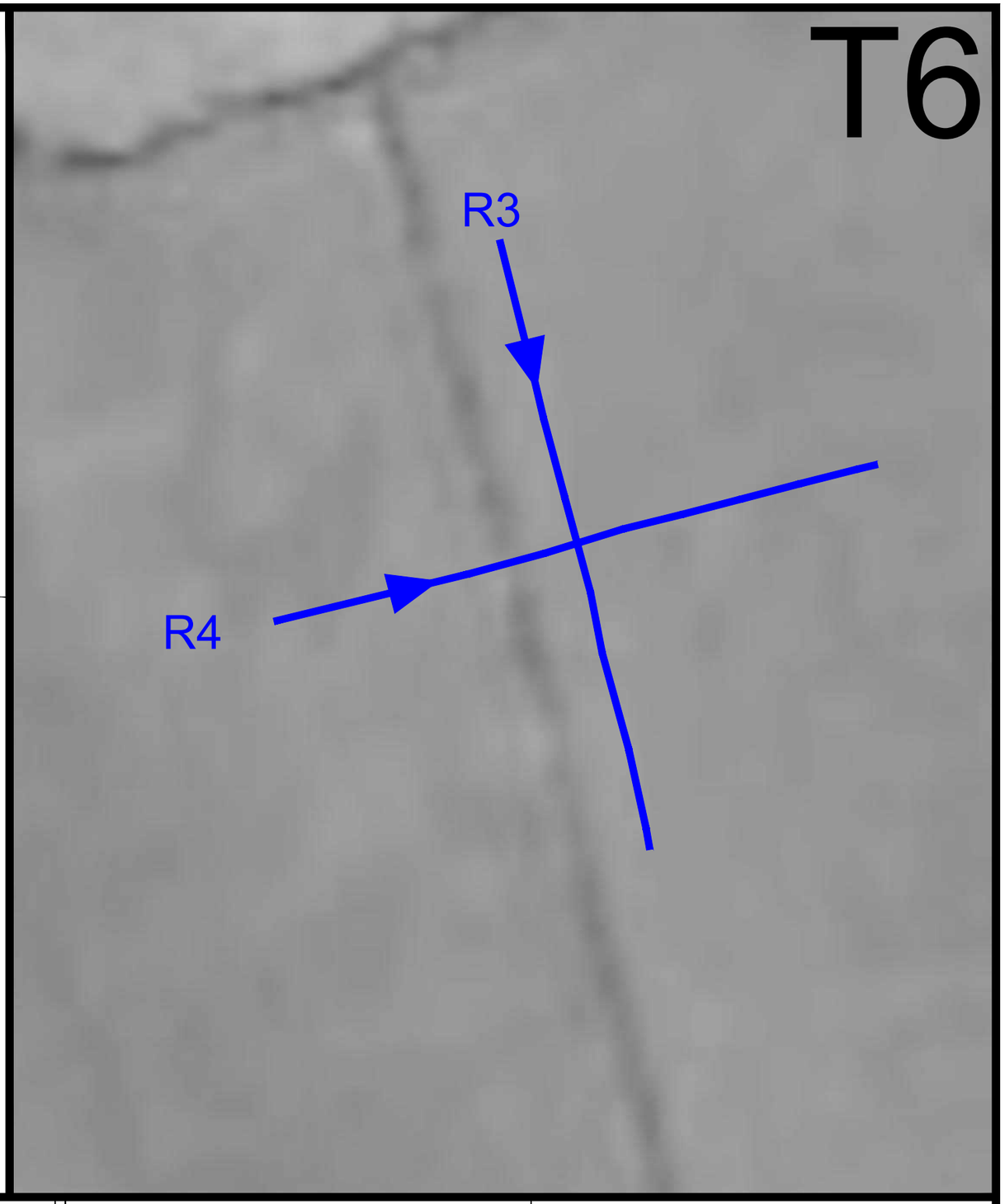
3a Limestone

2D-Resistivity Line R3 Interpretation



2D-Resistivity Line R4 Interpretation





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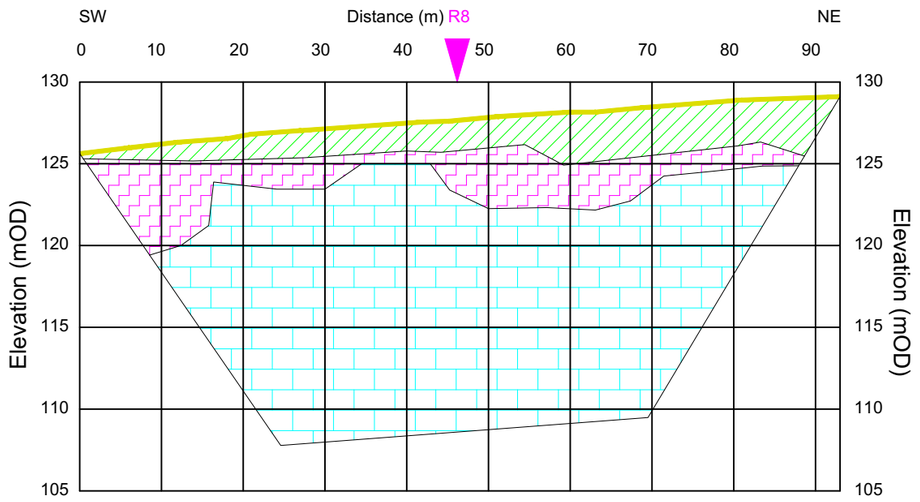
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2f: Interpretation of Geophysical Survey at T6

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

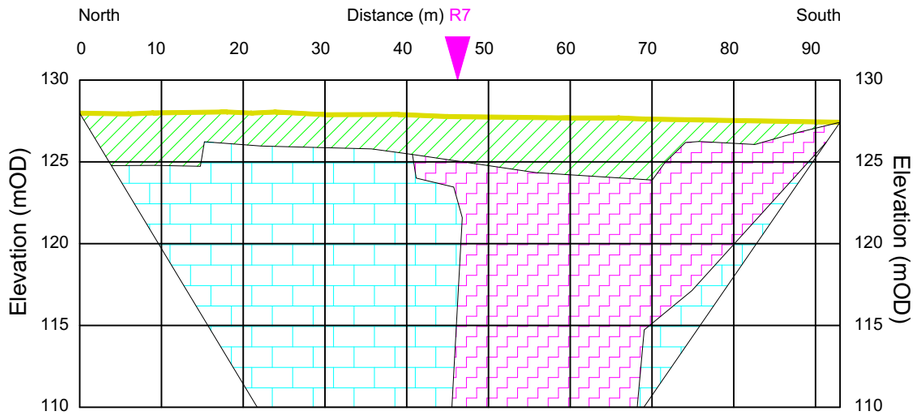
Interpretation:

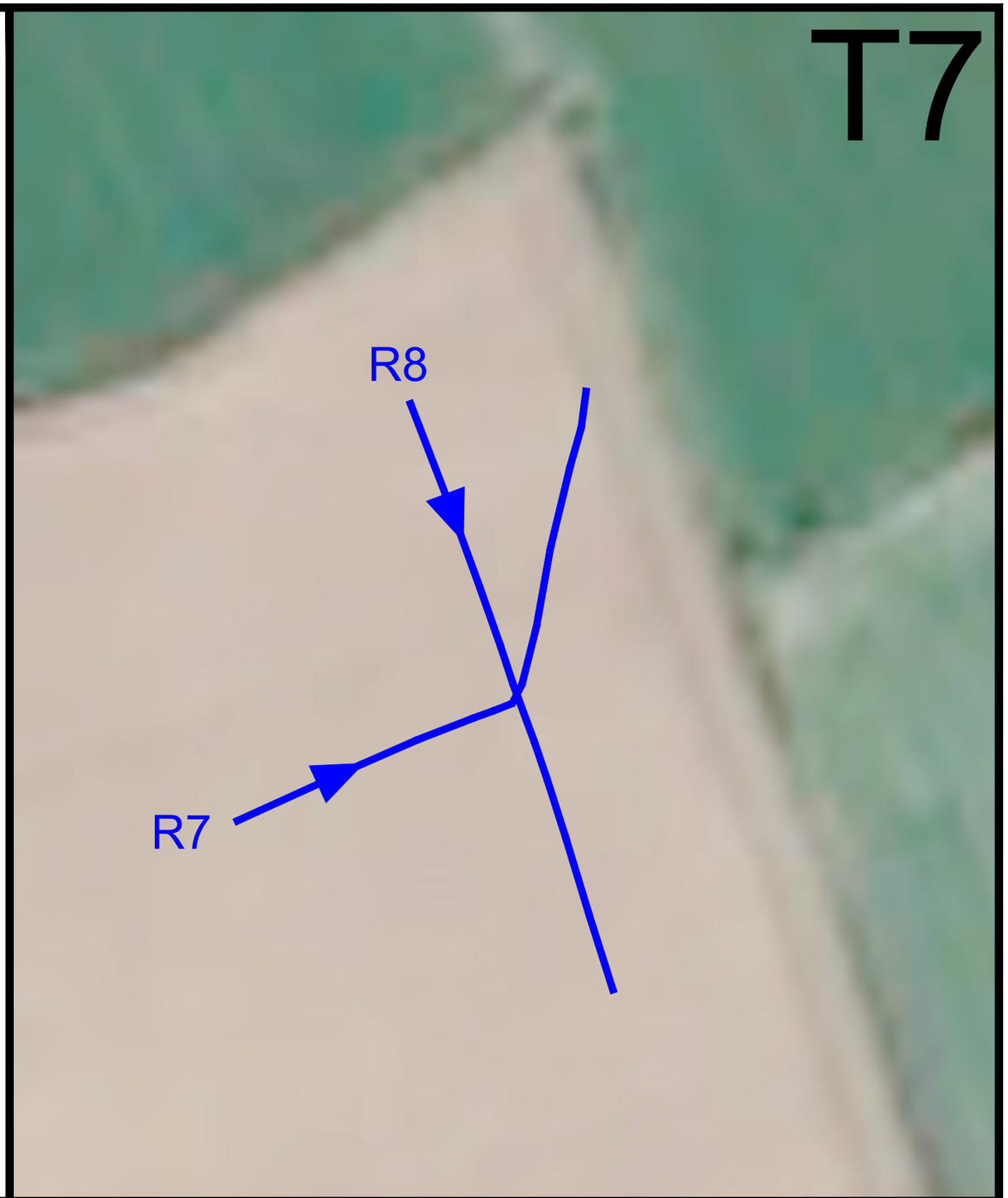
- 1 Sandy gravelly clay and silt
- 2a Clayey silty sand and gravel or Weathered or Karstified limestone
- 3a Limestone

2D-Resistivity Line R7 Interpretation



2D-Resistivity Line R8 Interpretation





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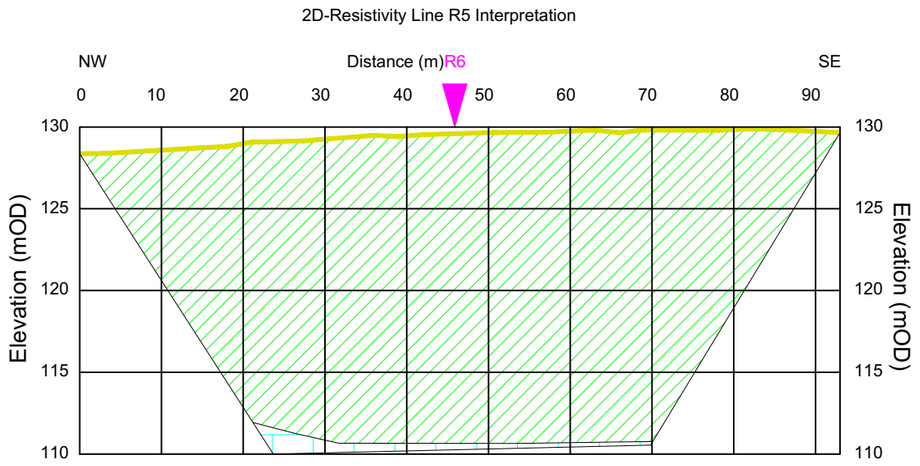
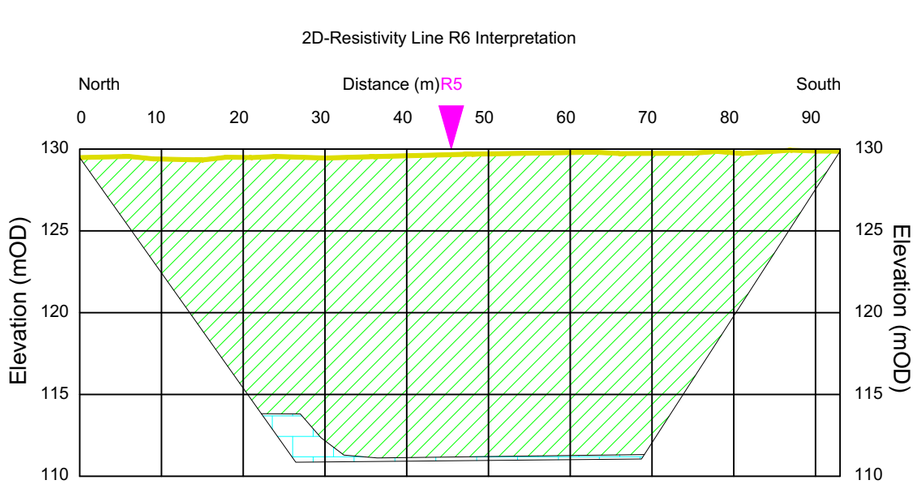
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2g: Interpretation of Geophysical Survey at T7

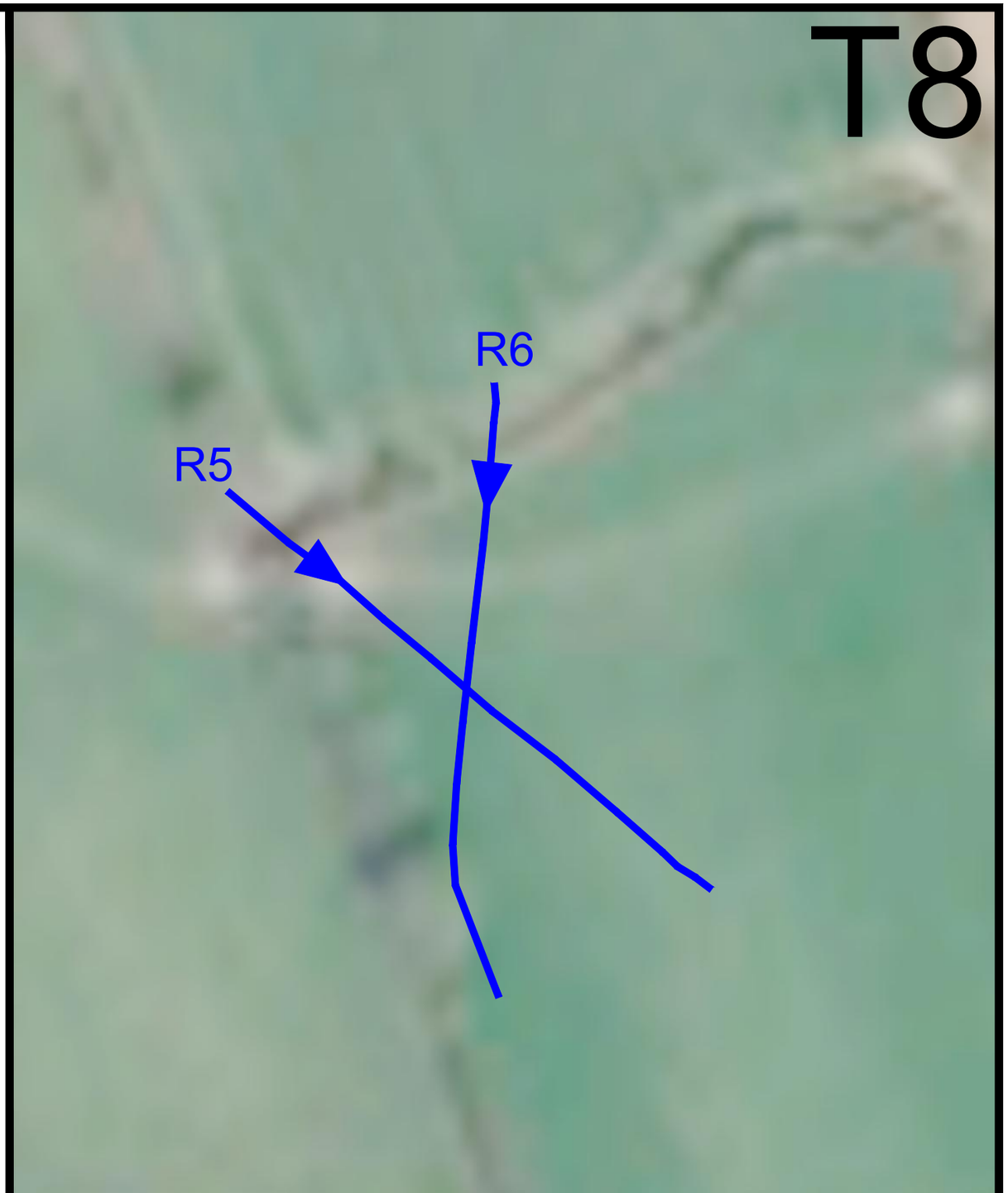
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

Interpretation:

- 1 Sandy gravelly clay and silt
- 2b Clayey silty sand and gravel
- 2c Weathered Sandstone
- 3b Sandstone







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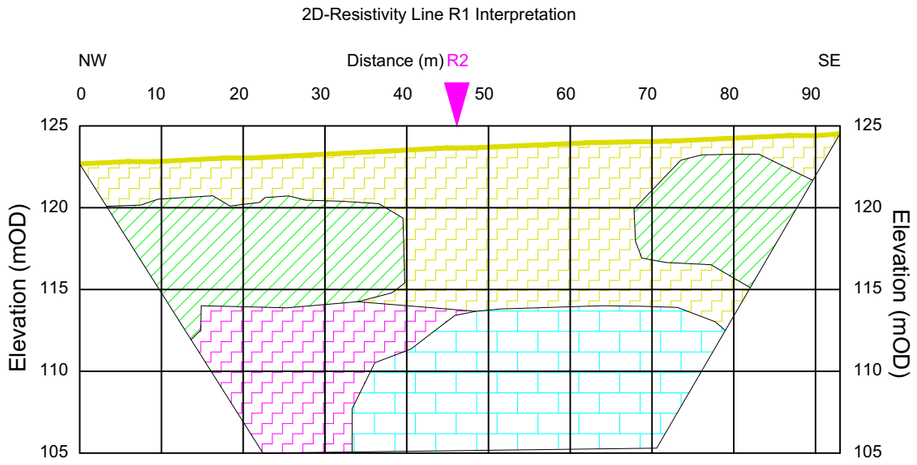
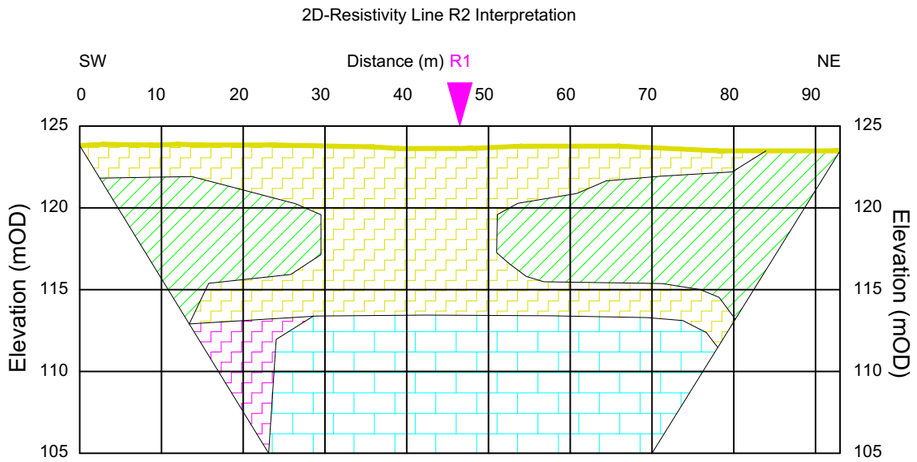
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2h: Interpretation of Geophysical Survey at T8

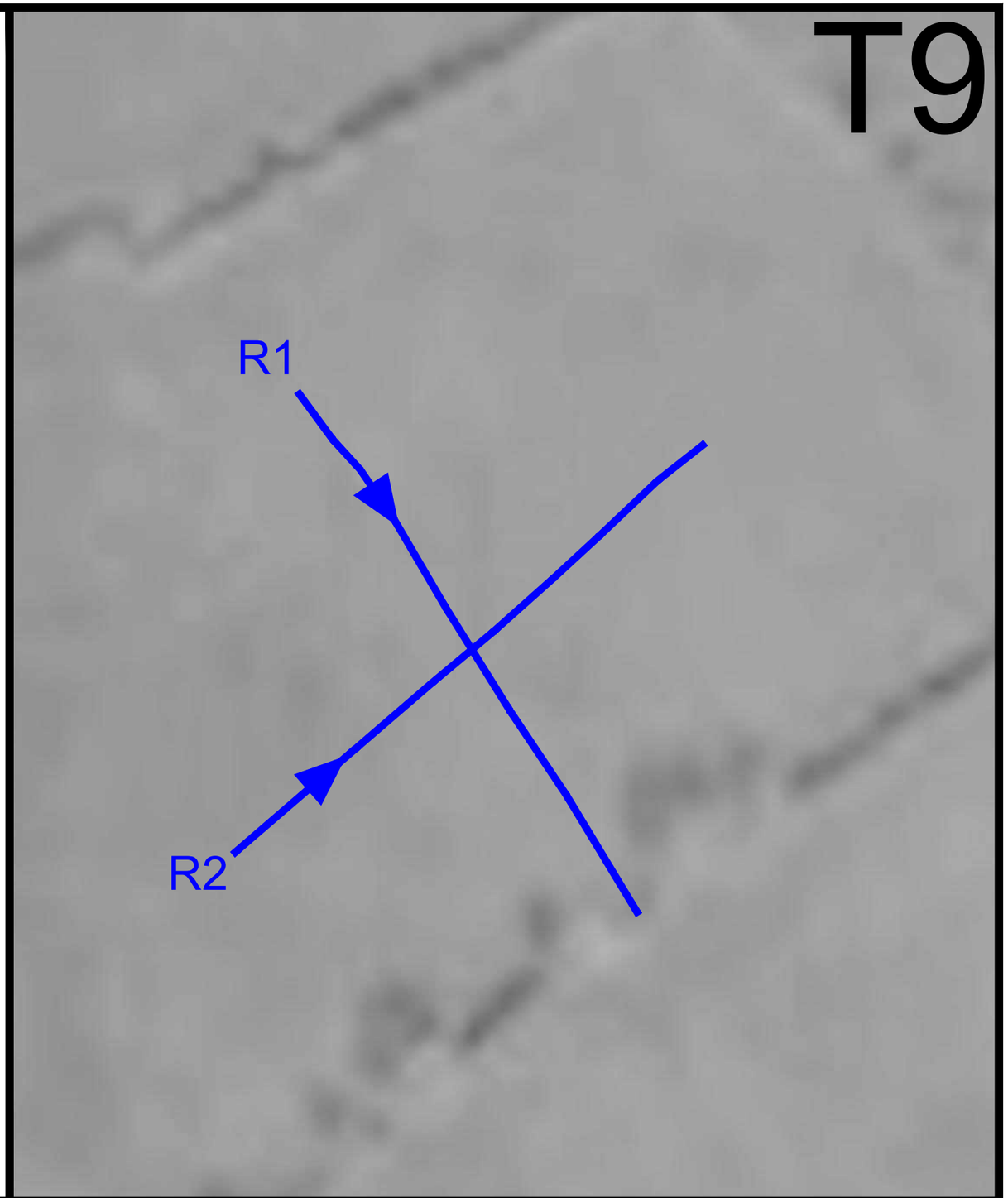
SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

Interpretation:

- 1 Sandy gravelly clay and silt
- 2b Clayey silty sand and gravel
- 2c Weathered Sandstone
- 3b Sandstone







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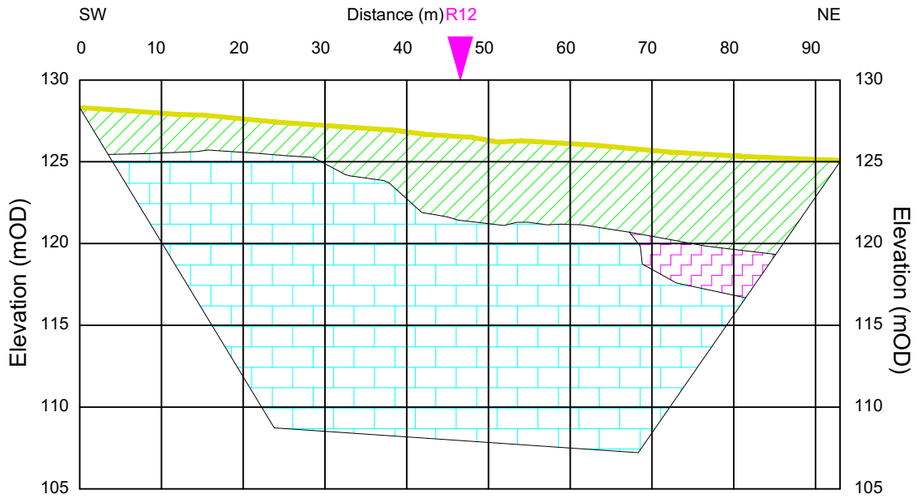
CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2i: Interpretation of Geophysical Survey at T9

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

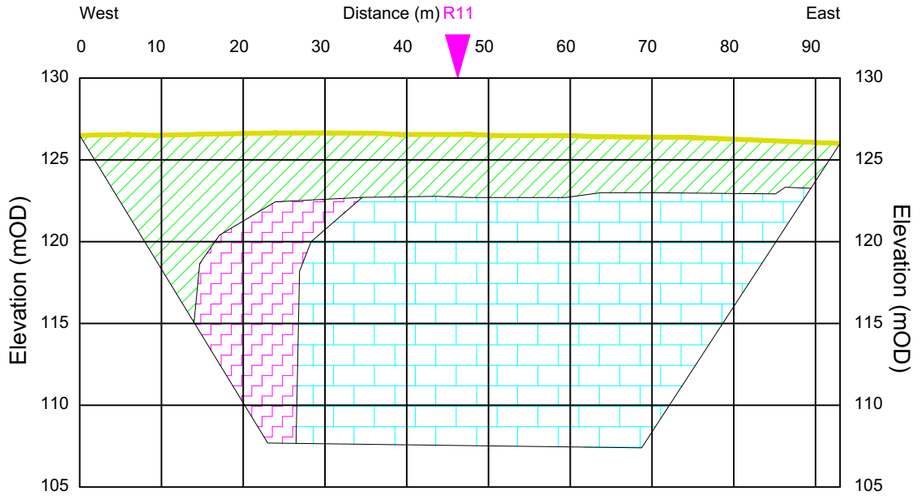
Interpretation:

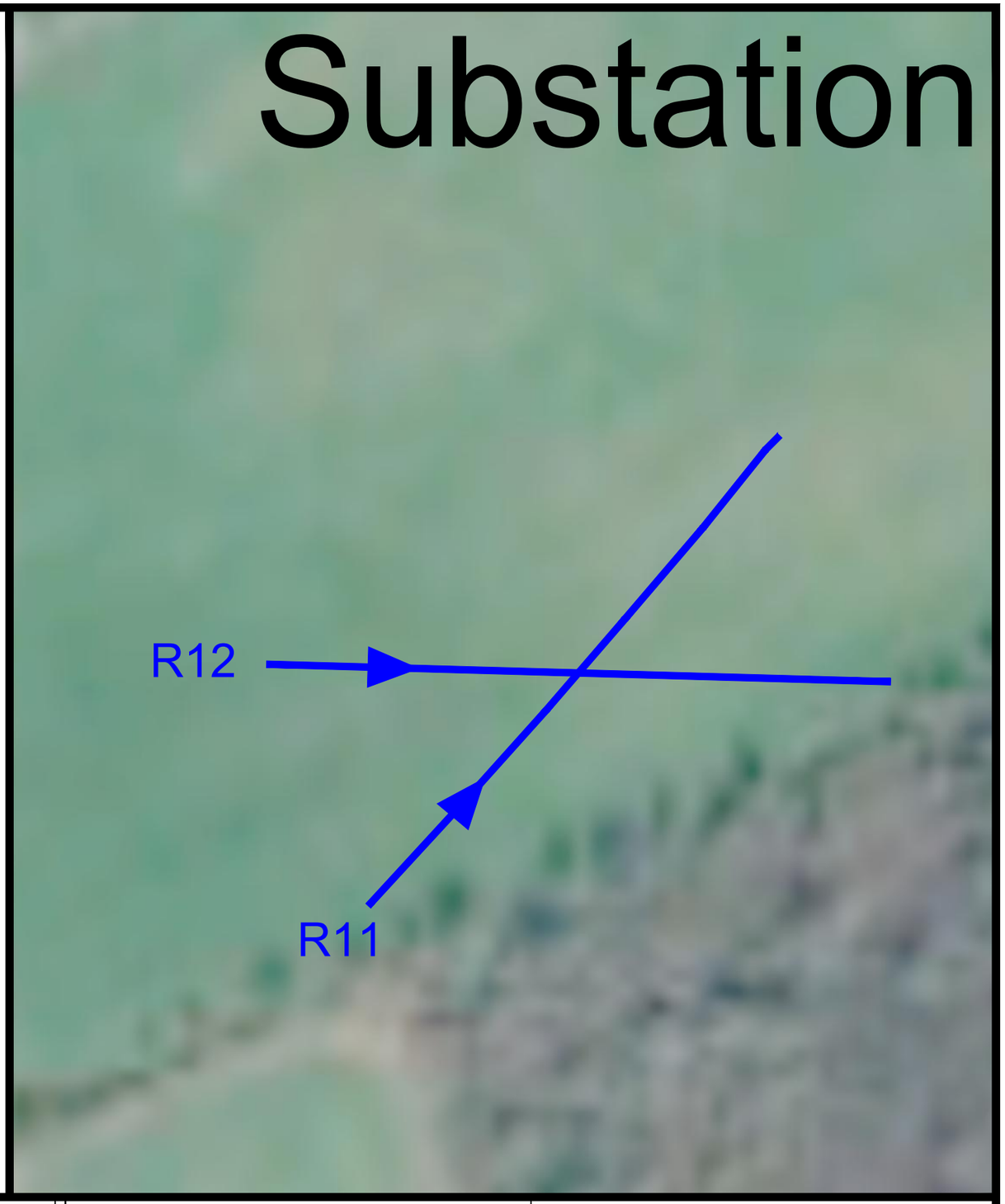
- 1 Sandy gravelly clay and silt
- 2b Clayey silty sand and gravel
- 2c Weathered Sandstone
- 3b Sandstone

2D-Resistivity Line R11 Interpretation



2D-Resistivity Line R12 Interpretation





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CLIENT	RSK Group
PROJECT	Tullacondra WF, County Cork Geophysical Survey
TITLE	Figure 2j: Interpretation of Geophysical Survey at Substation

SCALE:	1:750 @ A3, VE x 2
PROJECT:	6640
DRAWN:	JC
DATE:	12/09/2022
MGX FILE:	6640f_Drawings.dwg
STATUS:	Final

Interpretation:

- 1 Sandy gravelly clay and silt
- 2b Clayey silty sand and gravel
- 2c Weathered Sandstone
- 3b Sandstone

EIAR VOLUME III
Appendices

CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.2a: Grid Connection Route Assessment Database – Option 1

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mBGL	50m										250m						
1	Grid Connectino Route Option 1	Cork	0	GCR 25m intervals	549792.87	604921.57	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	772.98	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
2	Grid Connectino Route Option 1	Cork	25	GCR 25m intervals	549799.49	604897.46	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	750.14	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
3	Grid Connectino Route Option 1	Cork	50	GCR 25m intervals	549807.08	604873.70	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	727.06	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
4	Grid Connectino Route Option 1	Cork	75	GCR 25m intervals	549817.25	604850.87	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	703.12	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
5	Grid Connectino Route Option 1	Cork	100	GCR 25m intervals	549827.42	604828.03	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	679.25	NA	NA	NA	NA	NA	Tile_01	NA
6	Grid Connectino Route Option 1	Cork	125	GCR 25m intervals	549837.59	604805.19	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	655.47	NA	NA	NA	NA	NA	Tile_01	NA
7	Grid Connectino Route Option 1	Cork	150	GCR 25m intervals	549847.76	604782.35	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	631.78	NA	NA	NA	NA	NA	Tile_02	NA
8	Grid Connectino Route Option 1	Cork	175	GCR 25m intervals	549857.93	604759.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	608.20	NA	NA	NA	NA	NA	Tile_02	NA
9	Grid Connectino Route Option 1	Cork	200	GCR 25m intervals	549868.09	604736.67	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	584.74	NA	NA	NA	NA	NA	Tile_02	NA
10	Grid Connectino Route Option 1	Cork	225	GCR 25m intervals	549877.72	604713.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	561.63	NA	NA	NA	NA	NA	Tile_02	NA
11	Grid Connectino Route Option 1	Cork	250	GCR 25m intervals	549887.16	604690.45	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	538.77	NA	NA	NA	NA	NA	Tile_02	NA
12	Grid Connectino Route Option 1	Cork	275	GCR 25m intervals	549896.60	604667.31	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	516.11	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
13	Grid Connectino Route Option 1	Cork	300	GCR 25m intervals	549906.05	604644.16	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	493.68	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
14	Grid Connectino Route Option 1	Cork	325	GCR 25m intervals	549919.45	604629.32	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	473.84	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
15	Grid Connectino Route Option 1	Cork	350	GCR 25m intervals	549943.38	604636.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	460.90	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
16	Grid Connectino Route Option 1	Cork	375	GCR 25m intervals	549965.76	604646.62	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	452.06	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
17	Grid Connectino Route Option 1	Cork	400	GCR 25m intervals	549984.65	604662.99	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	451.48	NA	NA	NA	NA	NA	Tile_02	NA
18	Grid Connectino Route Option 1	Cork	425	GCR 25m intervals	550002.56	604680.42	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	453.71	NA	NA	NA	NA	NA	Tile_02	NA
19	Grid Connectino Route Option 1	Cork	450	GCR 25m intervals	550020.20	604698.14	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	457.70	NA	NA	NA	NA	NA	Tile_02	NA
20	Grid Connectino Route Option 1	Cork	475	GCR 25m intervals	550039.19	604713.81	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	460.55	NA	NA	NA	NA	NA	Tile_02	NA
21	Grid Connectino Route Option 1	Cork	500	GCR 25m intervals	550062.36	604723.20	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	457.18	NA	NA	NA	NA	NA	Tile_02	NA
22	Grid Connectino Route Option 1	Cork	525	GCR 25m intervals	550085.53	604732.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	455.16	NA	NA	NA	NA	NA	Tile_02	NA
23	Grid Connectino Route Option 1	Cork	550	GCR 25m intervals	550107.75	604743.87	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	456.61	NA	NA	NA	NA	NA	Tile_02	NA
24	Grid Connectino Route Option 1	Cork	575	GCR 25m intervals	550129.14	604756.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	461.27	NA	NA	NA	NA	NA	Tile_02	NA
25	Grid Connectino Route Option 1	Cork	600	GCR 25m intervals	550150.52	604769.78	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	467.22	NA	NA	NA	NA	NA	Tile_02	NA
26	Grid Connectino Route Option 1	Cork	625	GCR 25m intervals	550171.72	604783.03	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	474.76	NA	NA	NA	NA	NA	Tile_02	NA
27	Grid Connectino Route Option 1	Cork	650	GCR 25m intervals	550192.86	604796.37	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	483.56	NA	NA	NA	NA	NA	Tile_02	NA
28	Grid Connectino Route Option 1	Cork	675	GCR 25m intervals	550214.39	604809.06	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	492.78	NA	NA	NA	NA	NA	Tile_02	NA
29	Grid Connectino Route Option 1	Cork	700	GCR 25m intervals	550236.09	604821.48	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	502.79	NA	NA	NA	NA	NA	Tile_02	NA
30	Grid Connectino Route Option 1	Cork	725	GCR 25m intervals	550257.79	604833.90	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	513.82	NA	NA	NA	NA	NA	Tile_02	NA
31	Grid Connectino Route Option 1	Cork	750	GCR 25m intervals	550279.49	604846.32	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	525.81	NA	NA	NA	NA	NA	Tile_02	NA
32	Grid Connectino Route Option 1	Cork	775	GCR 25m intervals	550301.18	604858.74	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	538.70	NA	NA	NA	NA	NA	Tile_02	NA
33	Grid Connectino Route Option 1	Cork	800	GCR 25m intervals	550321.13	604873.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	554.91	NA	NA	NA	NA	NA	Tile_02	NA
34	Grid Connectino Route Option 1	Cork	825	GCR 25m intervals	550341.03	604888.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	571.83	NA	NA	NA	NA	NA	Tile_02	NA
35	Grid Connectino Route Option 1	Cork	850	GCR 25m intervals	550361.10	604903.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	589.10	NA	NA	NA	NA	NA	Tile_02	NA
36	Grid Connectino Route Option 1	Cork	875	GCR 25m intervals	550381.75	604917.92	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	606.23	NA	NA	NA	NA	NA	Tile_02	NA
37	Grid Connectino Route Option 1	Cork	900	GCR 25m intervals	550402.40	604932.01	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	623.89	NA	NA	NA	NA	NA	Tile_02	NA
38	Grid Connectino Route Option 1	Cork	925	GCR 25m intervals	550423.05	604946.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	642.03	NA	NA	NA	NA	NA	Tile_02	NA
39	Grid Connectino Route Option 1	Cork	950	GCR 25m intervals	550443.69	604960.20	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	660.63	NA	NA	NA	NA	NA	Tile_02	NA
40	Grid Connectino Route Option 1	Cork	975	GCR 25m intervals	550465.89	604971.66	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	677.53	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
41	Grid Connectino Route Option 1	Cork	1000	GCR 25m intervals	550488.26	604982.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	694.68	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
42	Grid Connectino Route Option 1	Cork	1025	GCR 25m intervals	550510.63	604993.98	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	712.29	NA	NA	NA	NA	NA	Tile_02	NA
43	Grid Connectino Route Option 1	Cork	1050	GCR 25m intervals	550533.00	605005.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	730.34	NA	NA	NA	NA	NA	Tile_02	NA
44	Grid Connectino Route Option 1	Cork	1075	GCR 25m intervals	550555.37	605016.29	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	748.78	NA	NA	NA	NA	NA	Tile_02	NA
45	Grid Connectino Route Option 1	Cork	1100	GCR 25m intervals	550577.72	605027.49	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	767.63	NA	NA	NA	NA	NA	Tile_02	NA
46	Grid Connectino Route Option 1	Cork	1125	GCR 25m intervals	550599.98	605038.88	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	752.08	NA	NA	NA	NA	NA	Tile_02	NA
47	Grid Connectino Route Option 1	Cork	1150	GCR 25m intervals	550622.24	605050.26	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	735.98	NA	NA	NA	NA	NA	Tile_02	NA
48	Grid Connectino Route Option 1	Cork	1175	GCR 25m intervals	550644.50	605061.65	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	720.38	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
49	Grid Connectino Route Option 1	Cork	1200	GCR 25m intervals	550666.75	605073.03	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	705.33	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
50	Grid Connectino Route Option 1	Cork	1225	GCR 25m intervals	550689.01	605084.42	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	690.86	NA	NA	NA	NA	NA	Tile_02	NA
51	Grid Connectino Route Option 1	Cork	1250	GCR 25m intervals	550711.27	605095.80	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	677.00	NA	NA	NA	NA	NA	Tile_02	NA
52	Grid Connectino Route Option 1	Cork	1275	GCR 25m intervals	550733.53	605107.19	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	663.79	NA	NA	NA	NA	NA	Tile_02	NA
53	Grid Connectino Route Option 1	Cork	1300	GCR 25m intervals	550753.78	605118.57	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	651.29	NA	NA	NA	NA	NA	Tile_02	NA
54	Grid Connectino Route Option 1	Cork	1325	GCR 25m intervals	550778.04	605129.96	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	639.50	NA	NA	NA	NA	NA	Tile_02	NA
55	Grid Connectino Route Option 1	Cork	1350	GCR 25m intervals	550791.43	605112.56	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	657.02	NA	NA	NA	NA	NA	Tile_02	NA
56	Grid Connectino Route Option 1	Cork	1375	GCR 25m intervals	550803.42	605090.63	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	679.29	NA	NA	NA	NA	NA	Tile_02	NA
57	Grid Connectino Route Option 1	Cork	1400	GCR 25m intervals	550815.42	605068.69	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(PI) Poor Aquifer - Bedrock which is Gen	Yes / Likely	NA	701.74	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
58	Grid Connectino Route Option 1	Cork	1425	GCR 25m intervals	550827.41	605046.76	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	724.36	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
59	Grid Connectino Route Option 1	Cork	1450	GCR 25m intervals	550839.40	605024.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	711.53	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
60	Grid Connectino Route Option 1	Cork	1475	GCR 25m intervals	550851.39	605002.88	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	687.26	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
61	Grid Connectino Route Option 1	Cork	1500	GCR 25m intervals	550863.38	604980.95	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	663.05	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
62	Grid Connectino Route Option 1	Cork	1525	GCR 25m intervals	550875.37	604959.01	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	638.89	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
63	Grid Connectino Route Option 1	Cork	1550	GCR 25m intervals	550887.37	604937.07	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	614.81	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
64	Grid Connectino Route Option 1	Cork	1575	GCR 25m intervals	550901.48	604916.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	591.95	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
65	Grid Connectino Route Option 1	Cork	1600	GCR 25m intervals	550919.58	604899.53	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	571.52	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
66	Grid Connectino Route Option 1	Cork	1625	GCR 25m intervals	550937.65	604882.25	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	551.44	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
67	Grid Connectino Route Option 1	Cork	1650	GCR 25m intervals	550955.41	604864.66	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	531.50	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
68	Grid Connectino Route Option 1	Cork	1675	GCR 25m intervals	550973.17	604847.06	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	512.01	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
69	Grid Connectino Route Option 1	Cork	1700	GCR 25m intervals	550990.94	604829.47	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	493.01	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
70	Grid Connectino Route Option 1	Cork	1725	GCR 25m intervals	551008.70	604811.88	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	474.57	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
71	Grid Connectino Route Option 1	Cork	1750	GCR 25m intervals	551026.54	604794.37	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	456.85	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
72	Grid Connectino Route Option 1	Cork	1775	GCR 25m intervals	551044.57	604777.05	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	440.02	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
73	Grid Connectino Route Option 1	Cork	1800	GCR 25m intervals	551062.60	604759.73	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	424.00	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
74	Grid Connectino Route Option 1	Cork	1825	GCR 25m intervals	551080.62	604742.40	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Gen	Not likely*	NA	405.88	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
75	Grid Connectino Route Option 1	Cork	1850	GCR 25m intervals	551098.65	604725.08	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	388.97	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
76	Grid Connectino Route Option 1	Cork	1875	GCR 25m intervals	551116.67	604707.76	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m							
78	Grid Connectino Route Option 1	Cork	1925	GCR 25m intervals	551152.73	604673.11	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	344.20	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
79	Grid Connectino Route Option 1	Cork	1950	GCR 25m intervals	551170.75	604655.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	331.72	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
80	Grid Connectino Route Option 1	Cork	1975	GCR 25m intervals	551188.78	604638.47	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	320.70	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
81	Grid Connectino Route Option 1	Cork	2000	GCR 25m intervals	551206.80	604621.15	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	311.30	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
82	Grid Connectino Route Option 1	Cork	2025	GCR 25m intervals	551224.83	604603.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	303.67	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
83	Grid Connectino Route Option 1	Cork	2050	GCR 25m intervals	551242.86	604586.50	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	297.96	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
84	Grid Connectino Route Option 1	Cork	2075	GCR 25m intervals	551260.88	604569.18	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	294.26	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
85	Grid Connectino Route Option 1	Cork	2100	GCR 25m intervals	551278.91	604551.86	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	292.66	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
86	Grid Connectino Route Option 1	Cork	2125	GCR 25m intervals	551296.93	604534.54	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	293.20	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
87	Grid Connectino Route Option 1	Cork	2150	GCR 25m intervals	551314.96	604517.21	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	295.85	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
88	Grid Connectino Route Option 1	Cork	2175	GCR 25m intervals	551332.99	604499.89	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	300.57	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
89	Grid Connectino Route Option 1	Cork	2200	GCR 25m intervals	551351.01	604482.57	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	293.81	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
90	Grid Connectino Route Option 1	Cork	2225	GCR 25m intervals	551369.04	604465.25	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	283.07	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
91	Grid Connectino Route Option 1	Cork	2250	GCR 25m intervals	551387.06	604447.92	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	274.21	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
92	Grid Connectino Route Option 1	Cork	2275	GCR 25m intervals	551405.09	604430.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	267.39	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
93	Grid Connectino Route Option 1	Cork	2300	GCR 25m intervals	551423.12	604413.28	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	262.79	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
94	Grid Connectino Route Option 1	Cork	2325	GCR 25m intervals	551441.14	604395.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	260.51	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
95	Grid Connectino Route Option 1	Cork	2350	GCR 25m intervals	551459.17	604378.63	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	260.63	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
96	Grid Connectino Route Option 1	Cork	2375	GCR 25m intervals	551477.19	604361.31	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	263.13	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
97	Grid Connectino Route Option 1	Cork	2400	GCR 25m intervals	551495.22	604343.99	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	267.95	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
98	Grid Connectino Route Option 1	Cork	2425	GCR 25m intervals	551513.24	604326.67	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	274.97	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
99	Grid Connectino Route Option 1	Cork	2450	GCR 25m intervals	551531.27	604309.34	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	284.02	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
100	Grid Connectino Route Option 1	Cork	2475	GCR 25m intervals	551549.30	604292.02	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	294.92	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
101	Grid Connectino Route Option 1	Cork	2500	GCR 25m intervals	551567.32	604274.70	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	307.48	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
102	Grid Connectino Route Option 1	Cork	2525	GCR 25m intervals	551585.35	604257.37	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	321.49	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
103	Grid Connectino Route Option 1	Cork	2550	GCR 25m intervals	551603.37	604240.05	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	336.77	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
104	Grid Connectino Route Option 1	Cork	2575	GCR 25m intervals	551621.40	604222.73	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	353.17	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
105	Grid Connectino Route Option 1	Cork	2600	GCR 25m intervals	551639.42	604205.41	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	370.53	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
106	Grid Connectino Route Option 1	Cork	2625	GCR 25m intervals	551657.45	604188.08	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	388.72	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
107	Grid Connectino Route Option 1	Cork	2650	GCR 25m intervals	551675.47	604170.76	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	407.64	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
108	Grid Connectino Route Option 1	Cork	2675	GCR 25m intervals	551693.50	604153.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	427.18	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
109	Grid Connectino Route Option 1	Cork	2700	GCR 25m intervals	551711.52	604136.11	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	447.27	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
110	Grid Connectino Route Option 1	Cork	2725	GCR 25m intervals	551729.55	604118.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	467.83	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
111	Grid Connectino Route Option 1	Cork	2750	GCR 25m intervals	551747.58	604101.47	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	488.80	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
112	Grid Connectino Route Option 1	Cork	2775	GCR 25m intervals	551765.60	604084.15	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	510.14	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
113	Grid Connectino Route Option 1	Cork	2800	GCR 25m intervals	551783.63	604066.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	531.80	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
114	Grid Connectino Route Option 1	Cork	2825	GCR 25m intervals	551801.65	604049.50	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	553.74	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
115	Grid Connectino Route Option 1	Cork	2850	GCR 25m intervals	551819.65	604032.15	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	575.91	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
116	Grid Connectino Route Option 1	Cork	2875	GCR 25m intervals	551837.63	604014.78	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	598.30	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
117	Grid Connectino Route Option 1	Cork	2900	GCR 25m intervals	551855.61	603997.41	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	620.88	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
118	Grid Connectino Route Option 1	Cork	2925	GCR 25m intervals	551873.59	603980.04	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	643.64	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
119	Grid Connectino Route Option 1	Cork	2950	GCR 25m intervals	551891.57	603962.67	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	666.57	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
120	Grid Connectino Route Option 1	Cork	2975	GCR 25m intervals	551909.55	603945.30	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	689.63	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
121	Grid Connectino Route Option 1	Cork	3000	GCR 25m intervals	551927.53	603927.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	712.83	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
122	Grid Connectino Route Option 1	Cork	3025	GCR 25m intervals	551945.51	603910.56	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	736.15	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
123	Grid Connectino Route Option 1	Cork	3050	GCR 25m intervals	551963.49	603893.19	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	759.57	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
124	Grid Connectino Route Option 1	Cork	3075	GCR 25m intervals	551981.47	603875.81	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	783.09	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
125	Grid Connectino Route Option 1	Cork	3100	GCR 25m intervals	551999.45	603858.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	806.70	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
126	Grid Connectino Route Option 1	Cork	3125	GCR 25m intervals	552017.43	603841.07	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	830.40	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
127	Grid Connectino Route Option 1	Cork	3150	GCR 25m intervals	552035.41	603823.70	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	854.16	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
128	Grid Connectino Route Option 1	Cork	3175	GCR 25m intervals	552053.39	603806.33	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	878.00	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
129	Grid Connectino Route Option 1	Cork	3200	GCR 25m intervals	552071.36	603788.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	901.90	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
130	Grid Connectino Route Option 1	Cork	3225	GCR 25m intervals	552089.34	603771.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	913.16	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within MOUNTNORTH RWSS Source Protection Area
131	Grid Connectino Route Option 1	Cork	3250	GCR 25m intervals	552107.32	603754.22	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	914.09	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
132	Grid Connectino Route Option 1	Cork	3275	GCR 25m intervals	552125.41	603736.97	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	915.85	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
133	Grid Connectino Route Option 1	Cork	3300	GCR 25m intervals	552144.61	603721.18	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	920.09	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
134	Grid Connectino Route Option 1	Cork	3325	GCR 25m intervals	552167.31	603710.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	931.06	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
135	Grid Connectino Route Option 1	Cork	3350	GCR 25m intervals	552189.51	603700.33	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	942.16	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
136	Grid Connectino Route Option 1	Cork	3375	GCR 25m intervals	552198.96	603677.19	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	932.14	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
137	Grid Connectino Route Option 1	Cork	3400	GCR 25m intervals	552208.41	603654.04	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	907.38	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
138	Grid Connectino Route Option 1	Cork	3425	GCR 25m intervals	552217.86	603630.89	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	882.63	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
139	Grid Connectino Route Option 1	Cork	3450	GCR 25m intervals	552221.74	603606.30	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	859.52	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
140	Grid Connectino Route Option 1	Cork	3475	GCR 25m intervals	552222.91	603581.33	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	837.62	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
141	Grid Connectino Route Option 1	Cork	3500	GCR 25m intervals	552224.09	603556.35	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	815.90	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
142	Grid Connectino Route Option 1	Cork	3525	GCR 25m intervals	552225.27	603531.38	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	794.37	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
143	Grid Connectino Route Option 1	Cork	3550	GCR 25m intervals	552226.45	603506.41	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	773.05	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
144	Grid Connectino Route Option 1	Cork	3575	GCR 25m intervals	552229.38	603483.75	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	752.82	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
145	Grid Connectino Route Option 1	Cork	3600	GCR 25m intervals	552253.74	603489.40	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	743.64	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
146	Grid Connectino Route Option 1	Cork	3625	GCR 25m intervals	552278.09	603495.04	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	735.19	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
147	Grid Connectino Route Option 1	Cork	3650	GCR 25m intervals	552302.45	603500.68	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	727.50	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
148	Grid Connectino Route Option 1	Cork	3675	GCR 25m intervals	552326.71	603506.67	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	720.95	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
149	Grid Connectino Route Option 1	Cork	3700	GCR 25m intervals	552350.73	603513.61	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	716.18	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
150	Grid Connectino Route Option 1	Cork	3725	GCR 25m intervals	552374.66	603520.79	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	712.50	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
151	Grid Connectino Route Option 1	Cork	3750	GCR 25m intervals	552397.48	603530.99	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	712.90	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
152	Grid Connectino Route Option 1	Cork	3775	GCR 25m intervals	552420.31	603541.19	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	714.18	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
153	Grid Connectino Route Option 1	Cork	3800	GCR 25m intervals	552443.14	603551.38	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	716.32	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mBGL	50m										250m						
154	Grid Connectino Route Option 1	Cork	3825	GCR 25m intervals	552466.77	603559.53	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	717.14	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
155	Grid Connectino Route Option 1	Cork	3850	GCR 25m intervals	552489.00	603570.43	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	721.84	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
156	Grid Connectino Route Option 1	Cork	3875	GCR 25m intervals	552509.48	603584.78	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	731.09	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
157	Grid Connectino Route Option 1	Cork	3900	GCR 25m intervals	552532.02	603592.50	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	734.18	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
158	Grid Connectino Route Option 1	Cork	3925	GCR 25m intervals	552557.02	603592.36	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	729.88	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
159	Grid Connectino Route Option 1	Cork	3950	GCR 25m intervals	552582.02	603592.21	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	726.41	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
160	Grid Connectino Route Option 1	Cork	3975	GCR 25m intervals	552607.02	603592.07	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	723.80	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
161	Grid Connectino Route Option 1	Cork	4000	GCR 25m intervals	552632.02	603591.93	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	722.04	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
162	Grid Connectino Route Option 1	Cork	4025	GCR 25m intervals	552657.02	603591.79	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	721.15	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
163	Grid Connectino Route Option 1	Cork	4050	GCR 25m intervals	552682.02	603591.65	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	721.12	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
164	Grid Connectino Route Option 1	Cork	4075	GCR 25m intervals	552707.02	603591.51	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	721.95	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
165	Grid Connectino Route Option 1	Cork	4100	GCR 25m intervals	552731.97	603592.41	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	724.69	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
166	Grid Connectino Route Option 1	Cork	4125	GCR 25m intervals	552756.83	603594.98	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	729.92	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
167	Grid Connectino Route Option 1	Cork	4150	GCR 25m intervals	552781.70	603597.56	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	735.97	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
168	Grid Connectino Route Option 1	Cork	4175	GCR 25m intervals	552806.42	603600.69	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	743.32	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
169	Grid Connectino Route Option 1	Cork	4200	GCR 25m intervals	552829.12	603611.15	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	758.15	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
170	Grid Connectino Route Option 1	Cork	4225	GCR 25m intervals	552851.83	603621.60	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	773.50	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
171	Grid Connectino Route Option 1	Cork	4250	GCR 25m intervals	552874.54	603632.06	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	789.34	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
172	Grid Connectino Route Option 1	Cork	4275	GCR 25m intervals	552892.89	603648.45	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	810.11	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
173	Grid Connectino Route Option 1	Cork	4300	GCR 25m intervals	552909.69	603666.97	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	832.66	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
174	Grid Connectino Route Option 1	Cork	4325	GCR 25m intervals	552926.48	603685.49	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	855.35	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
175	Grid Connectino Route Option 1	Cork	4350	GCR 25m intervals	552943.27	603704.01	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	878.17	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer Excavation works could potentially encounter bedrock
176	Grid Connectino Route Option 1	Cork	4375	GCR 25m intervals	552961.72	603720.35	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	899.58	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
177	Grid Connectino Route Option 1	Cork	4400	GCR 25m intervals	552984.10	603731.48	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	917.62	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
178	Grid Connectino Route Option 1	Cork	4425	GCR 25m intervals	553006.49	603742.61	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	935.97	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
179	Grid Connectino Route Option 1	Cork	4450	GCR 25m intervals	553028.87	603753.75	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	954.63	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
180	Grid Connectino Route Option 1	Cork	4475	GCR 25m intervals	553051.25	603764.88	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	973.58	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
181	Grid Connectino Route Option 1	Cork	4500	GCR 25m intervals	553073.64	603776.01	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	992.79	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
182	Grid Connectino Route Option 1	Cork	4525	GCR 25m intervals	553096.02	603787.15	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1012.26	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
183	Grid Connectino Route Option 1	Cork	4550	GCR 25m intervals	553119.75	603794.57	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1029.22	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
184	Grid Connectino Route Option 1	Cork	4575	GCR 25m intervals	553144.08	603800.32	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1045.28	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
185	Grid Connectino Route Option 1	Cork	4600	GCR 25m intervals	553168.41	603806.07	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1061.69	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within SW Buffer
186	Grid Connectino Route Option 1	Cork	4625	GCR 25m intervals	553192.74	603811.83	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1078.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
187	Grid Connectino Route Option 1	Cork	4650	GCR 25m intervals	553217.07	603817.58	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1095.49	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
188	Grid Connectino Route Option 1	Cork	4675	GCR 25m intervals	553241.41	603823.17	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1112.72	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
189	Grid Connectino Route Option 1	Cork	4700	GCR 25m intervals	553266.41	603823.08	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1125.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
190	Grid Connectino Route Option 1	Cork	4725	GCR 25m intervals	553291.41	603823.00	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1139.23	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
191	Grid Connectino Route Option 1	Cork	4750	GCR 25m intervals	553316.41	603822.91	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1153.09	NA	NA	NA	NA	NA	Tile_03	NA
192	Grid Connectino Route Option 1	Cork	4775	GCR 25m intervals	553341.41	603822.83	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1167.29	NA	NA	NA	NA	NA	Tile_03	NA
193	Grid Connectino Route Option 1	Cork	4800	GCR 25m intervals	553366.41	603822.75	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1181.86	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
194	Grid Connectino Route Option 1	Cork	4825	GCR 25m intervals	553391.39	603823.74	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1197.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
195	Grid Connectino Route Option 1	Cork	4850	GCR 25m intervals	553416.37	603824.82	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1213.76	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
196	Grid Connectino Route Option 1	Cork	4875	GCR 25m intervals	553440.96	603828.69	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1232.12	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
197	Grid Connectino Route Option 1	Cork	4900	GCR 25m intervals	553465.29	603834.43	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1251.98	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
198	Grid Connectino Route Option 1	Cork	4925	GCR 25m intervals	553489.74	603839.57	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1271.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
199	Grid Connectino Route Option 1	Cork	4950	GCR 25m intervals	553514.37	603843.86	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1290.97	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
200	Grid Connectino Route Option 1	Cork	4975	GCR 25m intervals	553539.00	603848.14	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1310.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
201	Grid Connectino Route Option 1	Cork	5000	GCR 25m intervals	553563.63	603852.43	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1330.17	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
202	Grid Connectino Route Option 1	Cork	5025	GCR 25m intervals	553588.27	603856.71	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1350.04	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
203	Grid Connectino Route Option 1	Cork	5050	GCR 25m intervals	553612.90	603860.95	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1370.05	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
204	Grid Connectino Route Option 1	Cork	5075	GCR 25m intervals	553637.87	603862.17	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1388.30	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
205	Grid Connectino Route Option 1	Cork	5100	GCR 25m intervals	553662.84	603863.39	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1406.75	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
206	Grid Connectino Route Option 1	Cork	5125	GCR 25m intervals	553687.29	603868.13	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1427.49	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
207	Grid Connectino Route Option 1	Cork	5150	GCR 25m intervals	553711.53	603874.24	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1449.16	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
208	Grid Connectino Route Option 1	Cork	5175	GCR 25m intervals	553735.77	603880.35	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1457.72	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
209	Grid Connectino Route Option 1	Cork	5200	GCR 25m intervals	553758.57	603890.53	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1434.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
210	Grid Connectino Route Option 1	Cork	5225	GCR 25m intervals	553781.28	603901.00	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1411.74	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
211	Grid Connectino Route Option 1	Cork	5250	GCR 25m intervals	553803.98	603911.46	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1388.90	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
212	Grid Connectino Route Option 1	Cork	5275	GCR 25m intervals	553826.72	603921.86	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1366.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mBGL*	*50m*										*250m*						
213	Grid Connectino Route Option 1	Cork	5300	GCR 25m intervals	553850.18	603930.49	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1342.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
214	Grid Connectino Route Option 1	Cork	5325	GCR 25m intervals	553873.64	603939.12	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1319.25	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
215	Grid Connectino Route Option 1	Cork	5350	GCR 25m intervals	553897.47	603946.52	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1295.53	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
216	Grid Connectino Route Option 1	Cork	5375	GCR 25m intervals	553921.87	603951.93	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1271.23	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
217	Grid Connectino Route Option 1	Cork	5400	GCR 25m intervals	553946.28	603957.35	Shallow Excavation	1.25	Yes	BALLYCLOGH STREAM_01	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1246.96	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within SW Buffer
218	Grid Connectino Route Option 1	Cork	5425	GCR 25m intervals	553970.68	603962.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m		Not likely*	NA	1222.72	NA	NA	NA	NA	NA	Tile_03	NA
219	Grid Connectino Route Option 1	Cork	5450	GCR 25m intervals	553995.09	603968.18	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1198.51	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
220	Grid Connectino Route Option 1	Cork	5475	GCR 25m intervals	554019.50	603973.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1174.33	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
221	Grid Connectino Route Option 1	Cork	5500	GCR 25m intervals	554043.90	603979.01	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1150.19	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
222	Grid Connectino Route Option 1	Cork	5525	GCR 25m intervals	554068.31	603984.43	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1126.08	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
223	Grid Connectino Route Option 1	Cork	5550	GCR 25m intervals	554090.19	603981.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1104.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
224	Grid Connectino Route Option 1	Cork		Crossing No. 4 (Opti	554093.84	603993.99	Horizontal Directional Drilling	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1104.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
225	Grid Connectino Route Option 1	Cork	5575	GCR 25m intervals	554106.96	603963.39	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1086.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
226	Grid Connectino Route Option 1	Cork	5600	GCR 25m intervals	554122.93	603973.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1071.00	NA	NA	NA	NA	NA	Tile_03	NA
227	Grid Connectino Route Option 1	Cork	5625	GCR 25m intervals	554138.65	603993.26	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1056.38	NA	NA	NA	NA	NA	Tile_03	NA
228	Grid Connectino Route Option 1	Cork	5650	GCR 25m intervals	554159.84	604003.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1035.99	NA	NA	NA	NA	NA	Tile_03	NA
229	Grid Connectino Route Option 1	Cork	5675	GCR 25m intervals	554184.29	604008.98	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1012.03	NA	NA	NA	NA	NA	Tile_03	NA
230	Grid Connectino Route Option 1	Cork	5700	GCR 25m intervals	554208.75	604014.18	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	988.12	NA	NA	NA	NA	NA	Tile_03	NA
231	Grid Connectino Route Option 1	Cork	5725	GCR 25m intervals	554233.20	604019.38	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	964.27	NA	NA	NA	NA	NA	Tile_03	NA
232	Grid Connectino Route Option 1	Cork	5750	GCR 25m intervals	554257.65	604024.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	940.47	NA	NA	NA	NA	NA	Tile_03	NA
233	Grid Connectino Route Option 1	Cork	5775	GCR 25m intervals	554282.10	604029.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	916.75	NA	NA	NA	NA	NA	Tile_03	NA
234	Grid Connectino Route Option 1	Cork	5800	GCR 25m intervals	554306.56	604034.99	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	893.09	NA	NA	NA	NA	NA	Tile_03	NA
235	Grid Connectino Route Option 1	Cork	5825	GCR 25m intervals	554331.05	604039.99	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	869.43	NA	NA	NA	NA	NA	Tile_03	NA
236	Grid Connectino Route Option 1	Cork	5850	GCR 25m intervals	554355.55	604044.97	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	845.85	NA	NA	NA	NA	NA	Tile_03	NA
237	Grid Connectino Route Option 1	Cork	5875	GCR 25m intervals	554380.05	604049.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	822.36	NA	NA	NA	NA	NA	Tile_03	NA
238	Grid Connectino Route Option 1	Cork	5900	GCR 25m intervals	554404.55	604054.94	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	798.95	NA	NA	NA	NA	NA	Tile_03	NA
239	Grid Connectino Route Option 1	Cork	5925	GCR 25m intervals	554429.05	604059.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	775.65	NA	NA	NA	NA	NA	Tile_03	NA
240	Grid Connectino Route Option 1	Cork	5950	GCR 25m intervals	554453.54	604064.91	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	752.46	NA	NA	NA	NA	NA	Tile_03	NA
241	Grid Connectino Route Option 1	Cork	5975	GCR 25m intervals	554478.04	604069.90	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	729.38	NA	NA	NA	NA	NA	Tile_03	NA
242	Grid Connectino Route Option 1	Cork	6000	GCR 25m intervals	554502.54	604074.88	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	706.44	NA	NA	NA	NA	NA	Tile_03	NA
243	Grid Connectino Route Option 1	Cork	6025	GCR 25m intervals	554527.04	604079.86	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	683.64	NA	NA	NA	NA	NA	Tile_03	NA
244	Grid Connectino Route Option 1	Cork	6050	GCR 25m intervals	554551.54	604084.85	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	661.00	NA	NA	NA	NA	NA	Tile_03	NA
245	Grid Connectino Route Option 1	Cork	6075	GCR 25m intervals	554576.03	604089.83	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	638.53	NA	NA	NA	NA	NA	Tile_03	NA
246	Grid Connectino Route Option 1	Cork	6100	GCR 25m intervals	554600.53	604094.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	616.27	NA	NA	NA	NA	NA	Tile_03	NA
247	Grid Connectino Route Option 1	Cork	6125	GCR 25m intervals	554625.03	604099.80	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	594.21	NA	NA	NA	NA	NA	Tile_03	NA
248	Grid Connectino Route Option 1	Cork	6150	GCR 25m intervals	554649.53	604104.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	572.41	NA	NA	NA	NA	NA	Tile_03	NA
249	Grid Connectino Route Option 1	Cork	6175	GCR 25m intervals	554674.03	604109.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	550.87	NA	NA	NA	NA	NA	Tile_03	NA
250	Grid Connectino Route Option 1	Cork	6200	GCR 25m intervals	554698.52	604114.76	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	529.64	NA	NA	NA	NA	NA	Tile_03	NA
251	Grid Connectino Route Option 1	Cork	6225	GCR 25m intervals	554723.02	604119.74	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	508.75	NA	NA	NA	NA	NA	Tile_03	NA
252	Grid Connectino Route Option 1	Cork	6250	GCR 25m intervals	554747.52	604124.73	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	488.25	NA	NA	NA	NA	NA	Tile_03	NA
253	Grid Connectino Route Option 1	Cork	6275	GCR 25m intervals	554772.06	604129.50	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	468.06	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
254	Grid Connectino Route Option 1	Cork	6300	GCR 25m intervals	554796.61	604134.21	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	448.31	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
255	Grid Connectino Route Option 1	Cork	6325	GCR 25m intervals	554821.17	604138.91	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	429.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
256	Grid Connectino Route Option 1	Cork	6350	GCR 25m intervals	554845.72	604143.61	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	410.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
257	Grid Connectino Route Option 1	Cork	6375	GCR 25m intervals	554870.27	604148.32	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	392.66	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
258	Grid Connectino Route Option 1	Cork	6400	GCR 25m intervals	554894.83	604153.02	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	375.60	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
259	Grid Connectino Route Option 1	Cork	6425	GCR 25m intervals	554919.38	604157.72	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	359.49	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
260	Grid Connectino Route Option 1	Cork	6450	GCR 25m intervals	554943.93	604162.43	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	344.43	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
261	Grid Connectino Route Option 1	Cork	6475	GCR 25m intervals	554968.49	604167.13	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	330.58	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
262	Grid Connectino Route Option 1	Cork	6500	GCR 25m intervals	554993.04	604171.83	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	318.09	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
263	Grid Connectino Route Option 1	Cork	6525	GCR 25m intervals	555017.59	604176.54	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	307.14	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
264	Grid Connectino Route Option 1	Cork	6550	GCR 25m intervals	555042.15	604181.24	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	297.89	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
265	Grid Connectino Route Option 1	Cork	6575	GCR 25m intervals	555066.70	604185.94	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	290.50	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
266	Grid Connectino Route Option 1	Cork	6600	GCR 25m intervals	555091.03	604191.34	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	285.86	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
267	Grid Connectino Route Option 1	Cork	6625	GCR 25m intervals	555113.82	604201.64	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	288.46	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
268	Grid Connectino Route Option 1	Cork	6650	GCR 25m intervals	555136.60	604211.94	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	293.19	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
269	Grid Connectino Route Option 1	Cork	6675	GCR 25m intervals	555159.38	604222.23	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	299.93	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
270	Grid Connectino Route Option 1	Cork	6700	GCR 25m intervals	555182.16	604232.53	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	308.56	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer - Karstified (diffuse)
271	Grid Connectino Route Option 1	Cork	6725	GCR 25m intervals	555204.94	604242.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	318.92	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
272	Grid Connectino Route Option 1	Cork	6750	GCR 25m intervals	555227.91	604252.66	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	330.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
273	Grid Connectino Route Option 1	Cork	6775	GCR 25m intervals	555251.46	604261.05	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	342.01	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
274	Grid Connectino Route Option 1	Cork	6800	GCR 25m intervals	555275.01	604269.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	355.00	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
275	Grid Connectino Route Option 1	Cork	6825	GCR 25m intervals	555298.56	604277.83	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	369.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
276	Grid Connectino Route Option 1	Cork	6850	GCR 25m intervals	555322.06	604286.35	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	384.66	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
277	Grid Connectino Route Option 1	Cork	6875	GCR 25m intervals	555345.50	604295.04	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	401.19	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
278	Grid Connectino Route Option 1	Cork	6900	GCR 25m intervals	555368.94	604303.74	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	418.57	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
279	Grid Connectino Route Option 1	Cork	6925	GCR 25m intervals	555392.38	604312.43	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	436.69	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
280	Grid Connectino Route Option 1	Cork	6950	GCR 25m intervals	555415.82	604321.12	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	455.46	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
281	Grid Connectino Route Option 1	Cork	6975	GCR 25m intervals	555439.26	604329.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	474.81	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
282	Grid Connectino Route Option 1	Cork	7000	GCR 25m intervals	555461.07	604341.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	496.55	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
283	Grid Connectino Route Option 1	Cork	7025	GCR 25m intervals	555482.27	604355.07	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	519.28	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
284	Grid Connectino Route Option 1	Cork	7050	GCR 25m intervals	555503.29	604368.61	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	542.33	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
285	Grid Connectino Route Option 1	Cork	7075	GCR 25m intervals	555524.11	604382.44	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	565.68	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
286	Grid Connectino Route Option 1	Cork	7100	GCR 25m intervals	555544.94	604396.27	Sh

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
289	Grid Connectino Route Option 1	Cork	7175	GCR 25m intervals	555607.41	604437.77	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	660.27	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
290	Grid Connectino Route Option 1	Cork	7200	GCR 25m intervals	555628.24	604451.60	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	684.16	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
291	Grid Connectino Route Option 1	Cork	7225	GCR 25m intervals	555649.06	604465.43	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	708.13	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
292	Grid Connectino Route Option 1	Cork	7250	GCR 25m intervals	555669.92	604479.22	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	732.15	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
293	Grid Connectino Route Option 1	Cork	7275	GCR 25m intervals	555690.82	604492.93	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	756.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
294	Grid Connectino Route Option 1	Cork	7300	GCR 25m intervals	555711.72	604506.65	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	731.49	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
295	Grid Connectino Route Option 1	Cork	7325	GCR 25m intervals	555732.62	604520.36	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	706.50	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
296	Grid Connectino Route Option 1	Cork	7350	GCR 25m intervals	555753.53	604534.08	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	681.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
297	Grid Connectino Route Option 1	Cork	7375	GCR 25m intervals	555774.43	604547.79	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	656.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
298	Grid Connectino Route Option 1	Cork	7400	GCR 25m intervals	555795.62	604561.05	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	631.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
299	Grid Connectino Route Option 1	Cork	7425	GCR 25m intervals	555816.82	604574.31	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	606.55	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
300	Grid Connectino Route Option 1	Cork	7450	GCR 25m intervals	555838.02	604587.56	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	581.55	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
301	Grid Connectino Route Option 1	Cork	7475	GCR 25m intervals	555859.21	604600.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	556.56	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
302	Grid Connectino Route Option 1	Cork	7500	GCR 25m intervals	555880.41	604614.07	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	531.56	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
303	Grid Connectino Route Option 1	Cork	7525	GCR 25m intervals	555898.04	604614.24	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	516.35	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
304	Grid Connectino Route Option 1	Cork	7550	GCR 25m intervals	555909.57	604592.06	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	518.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
305	Grid Connectino Route Option 1	Cork	7575	GCR 25m intervals	555918.44	604568.70	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	524.97	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
306	Grid Connectino Route Option 1	Cork	7600	GCR 25m intervals	555927.02	604545.22	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	532.70	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
307	Grid Connectino Route Option 1	Cork	7625	GCR 25m intervals	555935.60	604521.74	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	541.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
308	Grid Connectino Route Option 1	Cork	7650	GCR 25m intervals	555944.19	604498.26	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	551.25	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
309	Grid Connectino Route Option 1	Cork	7675	GCR 25m intervals	555952.77	604474.78	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	561.96	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
310	Grid Connectino Route Option 1	Cork	7700	GCR 25m intervals	555961.35	604451.30	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	573.57	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
311	Grid Connectino Route Option 1	Cork	7725	GCR 25m intervals	555969.93	604427.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	586.01	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
312	Grid Connectino Route Option 1	Cork	7750	GCR 25m intervals	555978.37	604404.29	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	599.36	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
313	Grid Connectino Route Option 1	Cork	7775	GCR 25m intervals	555986.66	604380.70	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	613.57	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
314	Grid Connectino Route Option 1	Cork	7800	GCR 25m intervals	555994.95	604357.11	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	628.46	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
315	Grid Connectino Route Option 1	Cork	7825	GCR 25m intervals	556003.24	604333.53	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	643.97	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
316	Grid Connectino Route Option 1	Cork	7850	GCR 25m intervals	556011.53	604309.94	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	660.07	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
317	Grid Connectino Route Option 1	Cork	7875	GCR 25m intervals	556019.82	604286.36	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	676.71	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
318	Grid Connectino Route Option 1	Cork	7900	GCR 25m intervals	556024.78	604262.06	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	695.98	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
319	Grid Connectino Route Option 1	Cork	7925	GCR 25m intervals	556026.80	604237.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	717.42	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
320	Grid Connectino Route Option 1	Cork	7950	GCR 25m intervals	556028.82	604212.23	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	739.09	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
321	Grid Connectino Route Option 1	Cork	7975	GCR 25m intervals	556030.84	604187.31	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock	Not likely*	NA	760.97	NA	NA	NA	NA	NA	Tile_03	NA
322	Grid Connectino Route Option 1	Cork	8000	GCR 25m intervals	556032.86	604162.39	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock	Not likely*	NA	783.03	NA	NA	NA	NA	NA	Tile_03	NA
323	Grid Connectino Route Option 1	Cork	8025	GCR 25m intervals	556034.25	604137.43	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock	Not likely*	NA	805.54	NA	NA	NA	NA	NA	Tile_03	NA
324	Grid Connectino Route Option 1	Cork	8050	GCR 25m intervals	556035.41	604112.46	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock	Not likely*	NA	828.29	NA	NA	NA	NA	NA	Tile_03	NA
325	Grid Connectino Route Option 1	Cork	8075	GCR 25m intervals	556036.58	604087.49	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	851.16	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
326	Grid Connectino Route Option 1	Cork	8100	GCR 25m intervals	556037.02	604062.51	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	855.80	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
327	Grid Connectino Route Option 1	Cork	8125	GCR 25m intervals	556035.81	604037.54	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	850.92	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
328	Grid Connectino Route Option 1	Cork	8150	GCR 25m intervals	556034.46	604012.58	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	846.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
329	Grid Connectino Route Option 1	Cork	8175	GCR 25m intervals	556031.83	603987.72	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	841.76	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
330	Grid Connectino Route Option 1	Cork	8200	GCR 25m intervals	556029.20	603962.86	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	837.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
331	Grid Connectino Route Option 1	Cork	8225	GCR 25m intervals	556026.57	603938.00	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	834.21	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
332	Grid Connectino Route Option 1	Cork	8250	GCR 25m intervals	556023.94	603913.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	831.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
333	Grid Connectino Route Option 1	Cork	8275	GCR 25m intervals	556021.31	603888.28	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	829.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
334	Grid Connectino Route Option 1	Cork	8300	GCR 25m intervals	556018.69	603863.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	828.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
335	Grid Connectino Route Option 1	Cork	8325	GCR 25m intervals	556016.06	603838.55	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	828.02	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
336	Grid Connectino Route Option 1	Cork	8350	GCR 25m intervals	556016.20	603813.77	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	831.09	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
337	Grid Connectino Route Option 1	Cork	8375	GCR 25m intervals	556020.19	603789.09	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	838.67	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
338	Grid Connectino Route Option 1	Cork	8400	GCR 25m intervals	556024.18	603764.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	846.92	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
339	Grid Connectino Route Option 1	Cork	8425	GCR 25m intervals	556028.17	603739.73	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	855.82	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
340	Grid Connectino Route Option 1	Cork	8450	GCR 25m intervals	556034.75	603715.64	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	867.72	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
341	Grid Connectino Route Option 1	Cork	8475	GCR 25m intervals	556041.86	603691.68	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	880.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
342	Grid Connectino Route Option 1	Cork	8500	GCR 25m intervals	556048.98	603667.71	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	894.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
343	Grid Connectino Route Option 1	Cork	8525	GCR 25m intervals	556056.10	603643.74	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	908.04	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
344	Grid Connectino Route Option 1	Cork	8550	GCR 25m intervals	556063.22	603619.78	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	922.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
345	Grid Connectino Route Option 1	Cork	8575	GCR 25m intervals	556067.33	603595.13	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	934.72	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
346	Grid Connectino Route Option 1	Cork	8600	GCR 25m intervals	556071.36	603570.45	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	947.43	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
347	Grid Connectino Route Option 1	Cork	8625	GCR 25m intervals	556075.39	603545.78	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	960.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
348	Grid Connectino Route Option 1	Cork	8650	GCR 25m intervals	556079.41	603521.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	974.27	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
349	Grid Connectino Route Option 1	Cork	8675	GCR 25m intervals	556083.44	603496.43	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_040	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	988.37	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
350	Grid Connectino Route Option 1	Cork	8700	GCR 25m intervals	556087.57	603471.78	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1002.98	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
351	Grid Connectino Route Option 1	Cork	8725	GCR 25m intervals	556092.63	603447.29	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1018.73	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
352	Grid Connectino Route Option 1	Cork	8750	GCR 25m intervals	556097.69	603422.81	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1034.84	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
353	Grid Connectino Route Option 1	Cork	8775	GCR 25m intervals	556102.75	603398.33	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1051.30	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
354	Grid Connectino Route Option 1	Cork	8800	GCR 25m intervals	556107.81	603373.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1068.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
355	Grid Connectino Route Option 1	Cork	8825	GCR 25m intervals	556112.87	603349.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1085.21	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
356	Grid Connectino Route Option 1	Cork	8850	GCR 25m intervals	556117.92	603324.88	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1102.62	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
357	Grid Connectino Route Option 1	Cork	8875	GCR 25m intervals	556122.98	603300.40	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1120.32	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
358	Grid Connectino Route Option 1	Cork	8900	GCR 25m intervals	556128.04	603275.91	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock	Yes / Likely	NA	1138.29	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m							
359	Grid Connectino Route Option 1	Cork	8925	GCR 25m intervals	556133.10	603251.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1156.53	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
360	Grid Connectino Route Option 1	Cork	8950	GCR 25m intervals	556136.70	603226.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1173.95	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
361	Grid Connectino Route Option 1	Cork	8975	GCR 25m intervals	556138.42	603201.81	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1190.31	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
362	Grid Connectino Route Option 1	Cork	9000	GCR 25m intervals	556140.14	603176.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1206.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
363	Grid Connectino Route Option 1	Cork	9025	GCR 25m intervals	556141.86	603151.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1223.91	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
364	Grid Connectino Route Option 1	Cork	9050	GCR 25m intervals	556143.59	603126.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1241.12	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
365	Grid Connectino Route Option 1	Cork	9075	GCR 25m intervals	556145.31	603102.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1258.60	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
366	Grid Connectino Route Option 1	Cork	9100	GCR 25m intervals	556147.03	603077.10	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1276.32	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
367	Grid Connectino Route Option 1	Cork	9125	GCR 25m intervals	556148.75	603052.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1294.29	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
368	Grid Connectino Route Option 1	Cork	9150	GCR 25m intervals	556150.48	603027.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1312.48	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
369	Grid Connectino Route Option 1	Cork	9175	GCR 25m intervals	556151.00	603002.23	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1330.07	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
370	Grid Connectino Route Option 1	Cork	9200	GCR 25m intervals	556151.32	602977.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1347.75	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
371	Grid Connectino Route Option 1	Cork	9225	GCR 25m intervals	556151.64	602952.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1365.66	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
372	Grid Connectino Route Option 1	Cork	9250	GCR 25m intervals	556151.96	602927.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1383.79	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
373	Grid Connectino Route Option 1	Cork	9275	GCR 25m intervals	556150.48	602902.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1400.81	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
374	Grid Connectino Route Option 1	Cork	9300	GCR 25m intervals	556146.93	602877.61	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1416.58	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
375	Grid Connectino Route Option 1	Cork	9325	GCR 25m intervals	556143.38	602852.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1432.60	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
376	Grid Connectino Route Option 1	Cork	9350	GCR 25m intervals	556139.70	602828.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1448.78	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
377	Grid Connectino Route Option 1	Cork	9375	GCR 25m intervals	556133.44	602803.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1463.14	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
378	Grid Connectino Route Option 1	Cork	9400	GCR 25m intervals	556127.17	602779.74	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1477.79	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
379	Grid Connectino Route Option 1	Cork	9425	GCR 25m intervals	556120.91	602755.54	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1492.72	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
380	Grid Connectino Route Option 1	Cork	9450	GCR 25m intervals	556114.65	602731.33	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_130	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1507.91	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
381	Grid Connectino Route Option 1	Cork	9475	GCR 25m intervals	556108.39	602707.13	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_130	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1523.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
382	Grid Connectino Route Option 1	Cork	9500	GCR 25m intervals	556102.12	602682.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_130	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1539.06	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
383	Grid Connectino Route Option 1	Cork	9525	GCR 25m intervals	556095.86	602658.72	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_130	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1555.00	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
384	Grid Connectino Route Option 1	Cork	9550	GCR 25m intervals	556088.47	602634.84	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1570.28	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
385	Grid Connectino Route Option 1	Cork	9575	GCR 25m intervals	556081.09	602610.96	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1585.80	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
386	Grid Connectino Route Option 1	Cork	9600	GCR 25m intervals	556073.70	602587.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1601.57	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
387	Grid Connectino Route Option 1	Cork	9625	GCR 25m intervals	556066.32	602563.19	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1617.56	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
388	Grid Connectino Route Option 1	Cork	9650	GCR 25m intervals	556058.93	602539.30	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1633.79	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
389	Grid Connectino Route Option 1	Cork	9675	GCR 25m intervals	556051.54	602515.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1650.23	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
390	Grid Connectino Route Option 1	Cork	9700	GCR 25m intervals	556044.16	602491.54	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1666.89	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
391	Grid Connectino Route Option 1	Cork	9725	GCR 25m intervals	556036.77	602467.65	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1683.75	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
392	Grid Connectino Route Option 1	Cork	9750	GCR 25m intervals	556029.39	602443.77	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1700.81	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
393	Grid Connectino Route Option 1	Cork	9775	GCR 25m intervals	556017.34	602421.98	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1713.99	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
394	Grid Connectino Route Option 1	Cork	9800	GCR 25m intervals	556004.40	602400.58	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock \	Yes / Likely	NA	1726.65	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
395	Grid Connectino Route Option 1	Cork	9825	GCR 25m intervals	555994.23	602377.86	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1742.04	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
396	Grid Connectino Route Option 1	Cork	9850	GCR 25m intervals	555985.59	602354.40	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1758.98	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
397	Grid Connectino Route Option 1	Cork	9875	GCR 25m intervals	555976.94	602330.95	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1776.12	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
398	Grid Connectino Route Option 1	Cork	9900	GCR 25m intervals	555968.29	602307.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1793.44	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
399	Grid Connectino Route Option 1	Cork	9925	GCR 25m intervals	555959.65	602284.03	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1810.94	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
400	Grid Connectino Route Option 1	Cork	9950	GCR 25m intervals	555951.00	602260.57	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1828.61	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
401	Grid Connectino Route Option 1	Cork	9975	GCR 25m intervals	555942.36	602237.12	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1846.46	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
402	Grid Connectino Route Option 1	Cork	10000	GCR 25m intervals	555933.71	602213.66	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1864.47	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
403	Grid Connectino Route Option 1	Cork	10025	GCR 25m intervals	555925.06	602190.20	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1882.64	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
404	Grid Connectino Route Option 1	Cork	10050	GCR 25m intervals	555918.34	602166.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1902.18	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
405	Grid Connectino Route Option 1	Cork	10075	GCR 25m intervals	555913.89	602141.62	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1923.27	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
406	Grid Connectino Route Option 1	Cork	10100	GCR 25m intervals	555909.44	602117.02	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1944.45	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
407	Grid Connectino Route Option 1	Cork	10125	GCR 25m intervals	555904.99	602092.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1965.73	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
408	Grid Connectino Route Option 1	Cork	10150	GCR 25m intervals	555899.05	602068.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	1986.25	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
409	Grid Connectino Route Option 1	Cork	10175	GCR 25m intervals	555892.92	602043.90	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2006.78	NA	NA	NA	NA	NA	Tile_04	NA
410	Grid Connectino Route Option 1	Cork	10200	GCR 25m intervals	555886.79	602019.67	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2027.41	NA	NA	NA	NA	NA	Tile_04	NA
411	Grid Connectino Route Option 1	Cork	10225	GCR 25m intervals	555888.84	601995.74	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2050.61	NA	NA	NA	NA	NA	Tile_04	NA
412	Grid Connectino Route Option 1	Cork	10250	GCR 25m intervals	555896.77	601972.03	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2075.60	NA	NA	NA	NA	NA	Tile_04	NA
413	Grid Connectino Route Option 1	Cork	10275	GCR 25m intervals	555904.70	601948.32	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2100.60	NA	NA	NA	NA	NA	Tile_04	NA
414	Grid Connectino Route Option 1	Cork	10300	GCR 25m intervals	555912.64	601924.61	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2125.60	NA	NA	NA	NA	NA	Tile_04	NA
415	Grid Connectino Route Option 1	Cork	10325	GCR 25m intervals	555920.57	601900.90	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2150.60	NA	NA	NA	NA	NA	Tile_04	NA
416	Grid Connectino Route Option 1	Cork	10350	GCR 25m intervals	555928.50	601877.19	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2175.59	NA	NA	NA	NA	NA	Tile_04	NA
417	Grid Connectino Route Option 1	Cork	10375	GCR 25m intervals	555936.43	601853.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2200.59	NA	NA	NA	NA	NA	Tile_04	NA
418	Grid Connectino Route Option 1	Cork	10400	GCR 25m intervals	555944.37	601829.78	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2225.59	NA	NA	NA	NA	NA	Tile_04	NA
419	Grid Connectino Route Option 1	Cork	10425	GCR 25m intervals	555952.13	601806.02	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2250.59	NA	NA	NA	NA	NA	Tile_04	NA
420	Grid Connectino Route Option 1	Cork	10450	GCR 25m intervals	555959.73	601782.20	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2275.57	NA	NA	NA	NA	NA	Tile_04	NA
421	Grid Connectino Route Option 1	Cork	10475	GCR 25m intervals	555967.33	601758.38	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2300.56	NA	NA	NA	NA	NA	Tile_04	NA
422	Grid Connectino Route Option 1	Cork	10500	GCR 25m intervals	555974.92	601734.56	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2325.55	NA	NA	NA	NA	NA	Tile_04	NA
423	Grid Connectino Route Option 1	Cork	10525	GCR 25m intervals	555982.52	601710.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2350.54	NA	NA	NA	NA	NA	Tile_04	NA
424	Grid Connectino Route Option 1	Cork	10550	GCR 25m intervals	555990.12	601686.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2375.53	NA	NA	NA	NA	NA	Tile_04	NA
425	Grid Connectino Route Option 1	Cork	10575	GCR 25m intervals	555997.71	601663.11	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2400.52	NA	NA	NA	NA	NA	Tile_04	NA
426	Grid Connectino Route Option 1	Cork	10600	GCR 25m intervals	556003.33	601638.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2425.36	NA	NA	NA	NA	NA	Tile_04	NA
427	Grid Connectino Route Option 1	Cork	10625	GCR 25m intervals	556008.96	601614.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2450.20	NA	NA	NA	NA	NA	Tile_04	NA
428	Grid Connectino Route Option 1	Cork	10650	GCR 25m intervals	556017.72	601591.28	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2474.91	NA	NA	NA	NA	NA	Tile_04	NA
429	Grid Connectino Route Option 1	Cork	10675	GCR 25m intervals	556030.37	601569.72	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2499.47	NA	NA	NA	NA	NA	Tile_04	NA
430	Grid Connectino Route Option 1	Cork	10700	GCR 25m intervals	556043.03	601548.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2524.03	NA	NA	NA	NA	NA	Tile_04	NA
431	Grid Connectino Route Option 1	Cork	10725	GCR 25m intervals	556055.68	601526.60	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2548.60	NA	NA	NA	NA	NA	Tile_04	NA
432	Grid Connectino Route Option 1	Cork	10750	GCR 25m intervals	556068.34	601505.04	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2573.18	NA	NA	NA	NA	NA	Tile_04	NA
433	Grid Connectino Route Option 1	Cork	10775	GCR 25m intervals	556080.99	601483.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2597.77	NA	NA	NA	NA	NA	Tile_04	NA
434	Grid Connectino Route Option 1	Cork	10800	GCR 25m intervals	556093.65	601461.92	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2622.37	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
435	Grid Connectino Route Option 1	Cork	10825	GCR 25m intervals	556106.30	601440.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2646.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
436	Grid Connectino Route Option 1	Cork	10850	GCR 25m intervals	556118.96	601418.80	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2671.58	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
437	Grid Connectino Route Option 1	Cork	10875	GCR 25m intervals	556131.61	601397.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2676.20	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
438	Grid Connectino Route Option 1	Cork	10900	GCR 25m intervals	556144.27	601375.68	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2653.25	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
439	Grid Connectino Route Option 1	Cork	10925	GCR 25m intervals	556156.93	601354.12	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2630.33	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
440	Grid Connectino Route Option 1	Cork	10950	GCR 25m intervals	556169.58	601332.56	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2607.45	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
441	Grid Connectino Route Option 1	Cork	10975	GCR 25m intervals	556181.29	601310.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2585.09	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
442	Grid Connectino Route Option 1	Cork	11000	GCR 25m intervals	556192.43	601288.11	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2563.06	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
443	Grid Connectino Route Option 1	Cork	11025	GCR 25m intervals	556203.58	601265.73	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2541.08	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
444	Grid Connectino Route Option 1	Cork	11050	GCR 25m intervals	556214.73	601243.35	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2519.16	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
445	Grid Connectino Route Option 1	Cork	11075	GCR 25m intervals	556225.87	601220.97	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2497.30	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
446	Grid Connectino Route Option 1	Cork	11100	GCR 25m intervals	556237.02	601198.59	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2475.50	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
447	Grid Connectino Route Option 1	Cork	11125	GCR 25m intervals	556248.16	601176.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2453.76	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
448	Grid Connectino Route Option 1	Cork	11150	GCR 25m intervals	556267.51	601160.41	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2428.89	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
449	Grid Connectino Route Option 1	Cork	11175	GCR 25m intervals	556285.21	601142.76	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2404.36	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
450	Grid Connectino Route Option 1	Cork	11200	GCR 25m intervals	556302.92	601125.10	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock \	Not likely*	NA	2379.85	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m							
451	Grid Connectino Route Option 1	Cork	11225	GCR 25m intervals	556320.04	601106.90	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2355.53	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
452	Grid Connectino Route Option 1	Cork	11250	GCR 25m intervals	556336.86	601088.40	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2331.31	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
453	Grid Connectino Route Option 1	Cork	11275	GCR 25m intervals	556353.67	601069.90	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2307.12	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
454	Grid Connectino Route Option 1	Cork	11300	GCR 25m intervals	556370.48	601051.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2282.94	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
455	Grid Connectino Route Option 1	Cork	11325	GCR 25m intervals	556387.29	601032.89	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2258.79	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
456	Grid Connectino Route Option 1	Cork	11350	GCR 25m intervals	556404.10	601014.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2234.65	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
457	Grid Connectino Route Option 1	Cork	11375	GCR 25m intervals	556424.04	600999.61	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2209.88	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
458	Grid Connectino Route Option 1	Cork	11400	GCR 25m intervals	556445.17	600986.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2184.88	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
459	Grid Connectino Route Option 1	Cork	11425	GCR 25m intervals	556466.29	600972.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2159.87	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
460	Grid Connectino Route Option 1	Cork	11450	GCR 25m intervals	556487.76	600960.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2134.89	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
461	Grid Connectino Route Option 1	Cork	11475	GCR 25m intervals	556509.57	600947.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2109.93	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
462	Grid Connectino Route Option 1	Cork	11500	GCR 25m intervals	556531.38	600935.63	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2084.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
463	Grid Connectino Route Option 1	Cork	11525	GCR 25m intervals	556552.98	600932.66	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2065.19	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
464	Grid Connectino Route Option 1	Cork	11550	GCR 25m intervals	556574.22	600945.84	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2054.62	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
465	Grid Connectino Route Option 1	Cork	11575	GCR 25m intervals	556595.46	600959.03	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2044.31	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
466	Grid Connectino Route Option 1	Cork	11600	GCR 25m intervals	556616.70	600972.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2034.26	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
467	Grid Connectino Route Option 1	Cork	11625	GCR 25m intervals	556635.66	600966.71	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	2015.55	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
468	Grid Connectino Route Option 1	Cork	11650	GCR 25m intervals	556653.13	600948.82	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1990.99	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
469	Grid Connectino Route Option 1	Cork	11675	GCR 25m intervals	556670.59	600930.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1966.44	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
470	Grid Connectino Route Option 1	Cork	11700	GCR 25m intervals	556688.05	600913.04	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1941.90	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
471	Grid Connectino Route Option 1	Cork	11725	GCR 25m intervals	556705.51	600895.15	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1917.37	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
472	Grid Connectino Route Option 1	Cork	11750	GCR 25m intervals	556722.97	600877.26	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1892.86	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
473	Grid Connectino Route Option 1	Cork	11775	GCR 25m intervals	556740.43	600859.37	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1868.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
474	Grid Connectino Route Option 1	Cork	11800	GCR 25m intervals	556757.90	600841.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1843.88	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
475	Grid Connectino Route Option 1	Cork	11825	GCR 25m intervals	556775.36	600823.59	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock v	Not likely*	NA	1819.40	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
476	Grid Connectino Route Option 1	Cork	11850	GCR 25m intervals	556793.15	600806.04	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1794.86	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
477	Grid Connectino Route Option 1	Cork	11875	GCR 25m intervals	556811.39	600788.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1770.20	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
478	Grid Connectino Route Option 1	Cork	11900	GCR 25m intervals	556829.63	600771.84	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1745.56	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
479	Grid Connectino Route Option 1	Cork	11925	GCR 25m intervals	556847.87	600754.74	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1720.92	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
480	Grid Connectino Route Option 1	Cork	11950	GCR 25m intervals	556866.10	600737.64	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1696.30	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
481	Grid Connectino Route Option 1	Cork	11975	GCR 25m intervals	556884.34	600720.54	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1671.69	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
482	Grid Connectino Route Option 1	Cork	12000	GCR 25m intervals	556902.58	600703.44	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1647.09	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
483	Grid Connectino Route Option 1	Cork	12025	GCR 25m intervals	556920.82	600686.34	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1622.50	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
484	Grid Connectino Route Option 1	Cork	12050	GCR 25m intervals	556939.06	600669.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1597.92	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
485	Grid Connectino Route Option 1	Cork	12075	GCR 25m intervals	556956.91	600652.00	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1573.61	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mBGL	50m										250m						
486	Grid Connectino Route Option 1	Cork	12100	GCR 25m intervals	556954.68	600627.09	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(U) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1562.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
487	Grid Connectino Route Option 1	Cork	12125	GCR 25m intervals	556952.46	600602.19	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(U) Locally Important Aquifer - Bedrock v	Yes / Likely	NA	1551.42	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
488	Grid Connectino Route Option 1	Cork	12150	GCR 25m intervals	556950.24	600577.29	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(U) Locally Important Aquifer - Bedrock v	Not likely*	NA	1540.81	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
489	Grid Connectino Route Option 1	Cork	12175	GCR 25m intervals	556948.46	600552.45	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(U) Locally Important Aquifer - Bedrock v	Not likely*	NA	1530.18	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
490	Grid Connectino Route Option 1	Cork	12200	GCR 25m intervals	556956.58	600528.80	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(U) Locally Important Aquifer - Bedrock v	Not likely*	NA	1511.72	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
491	Grid Connectino Route Option 1	Cork	12225	GCR 25m intervals	556964.70	600505.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(U) Locally Important Aquifer - Bedrock v	Not likely*	NA	1493.46	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
492	Grid Connectino Route Option 1	Cork	12250	GCR 25m intervals	556982.79	600490.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1470.84	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
493	Grid Connectino Route Option 1	Cork	12275	GCR 25m intervals	557005.94	600481.50	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1445.94	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
494	Grid Connectino Route Option 1	Cork	12300	GCR 25m intervals	557029.09	600472.06	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1421.05	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
495	Grid Connectino Route Option 1	Cork	12325	GCR 25m intervals	557051.78	600461.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1396.25	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
496	Grid Connectino Route Option 1	Cork	12350	GCR 25m intervals	557069.28	600444.08	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1372.47	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
497	Grid Connectino Route Option 1	Cork	12375	GCR 25m intervals	557086.77	600426.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1348.74	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
498	Grid Connectino Route Option 1	Cork	12400	GCR 25m intervals	557104.26	600408.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1325.05	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
499	Grid Connectino Route Option 1	Cork	12425	GCR 25m intervals	557121.76	600390.50	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1301.41	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
500	Grid Connectino Route Option 1	Cork	12450	GCR 25m intervals	557137.87	600371.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1278.56	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
501	Grid Connectino Route Option 1	Cork	12475	GCR 25m intervals	557152.31	600351.08	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1256.71	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
502	Grid Connectino Route Option 1	Cork	12500	GCR 25m intervals	557166.74	600330.67	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1234.97	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
503	Grid Connectino Route Option 1	Cork	12525	GCR 25m intervals	557181.18	600310.26	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1213.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
504	Grid Connectino Route Option 1	Cork	12550	GCR 25m intervals	557195.61	600289.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1191.88	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
505	Grid Connectino Route Option 1	Cork	12575	GCR 25m intervals	557207.46	600268.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1172.52	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
506	Grid Connectino Route Option 1	Cork	12600	GCR 25m intervals	557210.73	600243.64	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1160.07	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
507	Grid Connectino Route Option 1	Cork	12625	GCR 25m intervals	557213.99	600218.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1148.03	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
508	Grid Connectino Route Option 1	Cork	12650	GCR 25m intervals	557217.25	600194.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1136.40	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
509	Grid Connectino Route Option 1	Cork	12675	GCR 25m intervals	557219.90	600169.21	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1125.78	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
510	Grid Connectino Route Option 1	Cork	12700	GCR 25m intervals	557222.35	600144.33	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1115.80	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
511	Grid Connectino Route Option 1	Cork	12725	GCR 25m intervals	557224.80	600119.45	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1106.29	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
512	Grid Connectino Route Option 1	Cork	12750	GCR 25m intervals	557227.25	600094.57	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1097.27	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
513	Grid Connectino Route Option 1	Cork	12775	GCR 25m intervals	557227.85	600069.61	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1090.53	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2a - Baseline Database - Grid Connection Route Option 1
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2a-(02)-Baseline Database - Grid Connection Route Option 1

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
514	Grid Connectino Route Option 1	Cork	12800	GCR 25m intervals	557227.48	600044.62	Shallow Excavation	1.25	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1085.25	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
515	Grid Connectino Route Option 1	Cork	12825	GCR 25m intervals	557227.12	600019.62	Shallow Excavation	1.25	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1080.53	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
516	Grid Connectino Route Option 1	Cork		GCR1_WCC_301	557227.17	600016.39	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1080.53	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
517	Grid Connectino Route Option 1	Cork	12850	GCR 25m intervals	557226.75	599994.62	Shallow Excavation	1.25	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1076.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
518	Grid Connectino Route Option 1	Cork		Crossing No. 7 (Opti	557227.76	599979.26	Horizontal Directional Drilling		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1076.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
519	Grid Connectino Route Option 1	Cork	12875	GCR 25m intervals	557233.36	599970.93	Shallow Excavation	1.25	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1066.06	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within SW Buffer Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
520	Grid Connectino Route Option 1	Cork	12900	GCR 25m intervals	557242.77	599947.77	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1053.53	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone
521	Grid Connectino Route Option 1	Cork	12925	GCR 25m intervals	557252.18	599924.61	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1041.44	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone
522	Grid Connectino Route Option 1	Cork	12950	GCR 25m intervals	557260.75	599901.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1030.63	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone
523	Grid Connectino Route Option 1	Cork	12975	GCR 25m intervals	557268.66	599877.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1020.95	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone
524	Grid Connectino Route Option 1	Cork	13000	GCR 25m intervals	557276.57	599853.71	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Kar	Yes / Likely	NA	1011.81	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone
525	Grid Connectino Route Option 1	Cork	13025	GCR 25m intervals	557285.15	599830.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	1002.54	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone
526	Grid Connectino Route Option 1	Cork	13050	GCR 25m intervals	557295.02	599807.28	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	992.52	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone
527	Grid Connectino Route Option 1	Cork	13075	GCR 25m intervals	557305.21	599784.47	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	982.70	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone
528	Grid Connectino Route Option 1	Cork	13100	GCR 25m intervals	557317.66	599762.79	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	971.11	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Works will be carried out within GW Buffer Zone
529	Grid Connectino Route Option 1	Cork	13125	GCR 25m intervals	557330.11	599741.11	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	960.04	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
530	Grid Connectino Route Option 1	Cork	13150	GCR 25m intervals	557342.56	599719.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	949.49	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
531	Grid Connectino Route Option 1	Cork	13175	GCR 25m intervals	557355.02	599697.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	939.49	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
532	Grid Connectino Route Option 1	Cork	13200	GCR 25m intervals	557365.32	599675.00	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	932.34	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
533	Grid Connectino Route Option 1	Cork	13225	GCR 25m intervals	557375.21	599652.04	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	926.25	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
534	Grid Connectino Route Option 1	Cork	13250	GCR 25m intervals	557385.10	599629.08	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	920.79	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
535	Grid Connectino Route Option 1	Cork	13275	GCR 25m intervals	557394.99	599606.12	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	915.99	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
536	Grid Connectino Route Option 1	Cork	13300	GCR 25m intervals	557404.88	599583.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	911.85	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
537	Grid Connectino Route Option 1	Cork	13325	GCR 25m intervals	557414.77	599560.20	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	908.38	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
538	Grid Connectino Route Option 1	Cork	13350	GCR 25m intervals	557424.66	599537.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	905.59	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
539	Grid Connectino Route Option 1	Cork	13375	GCR 25m intervals	557434.55	599514.28	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	903.48	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
540	Grid Connectino Route Option 1	Cork	13400	GCR 25m intervals	557444.44	599491.32	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	902.06	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
541	Grid Connectino Route Option 1	Cork	13425	GCR 25m intervals	557450.35	599469.41	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNSTER)_140	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Kar	Not likely*	NA	904.62	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)

EIAR VOLUME III
Appendices

CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.2b: Grid Connection Route Assessment Database – Option 2

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*							
1	Grid Connection Route	Cork	0	GCR 25m intervals	549792.87	604921.57	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	772.98	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
2	Grid Connection Route	Cork	25	GCR 25m intervals	549799.49	604897.46	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	750.14	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
3	Grid Connection Route	Cork	50	GCR 25m intervals	549807.08	604873.70	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	727.06	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
4	Grid Connection Route	Cork	75	GCR 25m intervals	549817.25	604850.87	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	703.12	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
5	Grid Connection Route	Cork	100	GCR 25m intervals	549827.42	604828.03	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	679.25	NA	NA	NA	NA	NA	Tile_01	NA
6	Grid Connection Route	Cork	125	GCR 25m intervals	549837.59	604805.19	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	655.47	NA	NA	NA	NA	NA	Tile_01	NA
7	Grid Connection Route	Cork	150	GCR 25m intervals	549847.76	604782.35	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	631.78	NA	NA	NA	NA	NA	Tile_01	NA
8	Grid Connection Route	Cork	175	GCR 25m intervals	549857.93	604759.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	608.20	NA	NA	NA	NA	NA	Tile_01	NA
9	Grid Connection Route	Cork	200	GCR 25m intervals	549868.09	604736.67	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	584.74	NA	NA	NA	NA	NA	Tile_01	NA
10	Grid Connection Route	Cork	225	GCR 25m intervals	549877.72	604713.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	561.63	NA	NA	NA	NA	NA	Tile_01	NA
11	Grid Connection Route	Cork	250	GCR 25m intervals	549887.16	604690.45	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	538.77	NA	NA	NA	NA	NA	Tile_01	NA
12	Grid Connection Route	Cork	275	GCR 25m intervals	549896.60	604667.31	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	516.11	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
13	Grid Connection Route	Cork	300	GCR 25m intervals	549906.05	604644.16	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	493.68	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
14	Grid Connection Route	Cork	325	GCR 25m intervals	549919.45	604629.32	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	473.84	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
15	Grid Connection Route	Cork	350	GCR 25m intervals	549943.38	604636.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	460.90	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
16	Grid Connection Route	Cork	375	GCR 25m intervals	549965.76	604646.62	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	452.06	NA	NA	NA	NA	NA	Tile_01	ELEVATED RISK Excavation works could potentially encounter bedrock
17	Grid Connection Route	Cork	400	GCR 25m intervals	549984.65	604662.99	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	451.48	NA	NA	NA	NA	NA	Tile_01	NA
18	Grid Connection Route	Cork	425	GCR 25m intervals	550002.56	604680.42	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	453.71	NA	NA	NA	NA	NA	Tile_01	NA
19	Grid Connection Route	Cork	450	GCR 25m intervals	550020.20	604698.14	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	457.70	NA	NA	NA	NA	NA	Tile_01	NA
20	Grid Connection Route	Cork	475	GCR 25m intervals	550039.19	604713.81	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	460.55	NA	NA	NA	NA	NA	Tile_01	NA
21	Grid Connection Route	Cork	500	GCR 25m intervals	550062.36	604723.20	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	457.18	NA	NA	NA	NA	NA	Tile_01	NA
22	Grid Connection Route	Cork	525	GCR 25m intervals	550085.53	604732.60	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	455.16	NA	NA	NA	NA	NA	Tile_01	NA
23	Grid Connection Route	Cork	550	GCR 25m intervals	550107.75	604743.87	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	456.61	NA	NA	NA	NA	NA	Tile_02	NA
24	Grid Connection Route	Cork	575	GCR 25m intervals	550129.14	604756.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	461.27	NA	NA	NA	NA	NA	Tile_02	NA
25	Grid Connection Route	Cork	600	GCR 25m intervals	550150.52	604769.78	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	467.22	NA	NA	NA	NA	NA	Tile_02	NA
26	Grid Connection Route	Cork	625	GCR 25m intervals	550171.72	604783.03	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	474.76	NA	NA	NA	NA	NA	Tile_02	NA
27	Grid Connection Route	Cork	650	GCR 25m intervals	550192.86	604796.37	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	483.56	NA	NA	NA	NA	NA	Tile_02	NA
28	Grid Connection Route	Cork	675	GCR 25m intervals	550214.39	604809.06	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	492.78	NA	NA	NA	NA	NA	Tile_02	NA
29	Grid Connection Route	Cork	700	GCR 25m intervals	550236.09	604821.48	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	502.79	NA	NA	NA	NA	NA	Tile_02	NA
30	Grid Connection Route	Cork	725	GCR 25m intervals	550257.79	604833.90	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	513.82	NA	NA	NA	NA	NA	Tile_02	NA
31	Grid Connection Route	Cork	750	GCR 25m intervals	550279.49	604846.32	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	525.81	NA	NA	NA	NA	NA	Tile_02	NA
32	Grid Connection Route	Cork	775	GCR 25m intervals	550301.18	604858.74	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	538.70	NA	NA	NA	NA	NA	Tile_02	NA
33	Grid Connection Route	Cork	800	GCR 25m intervals	550321.13	604873.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	554.91	NA	NA	NA	NA	NA	Tile_02	NA
34	Grid Connection Route	Cork	825	GCR 25m intervals	550341.03	604888.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	571.83	NA	NA	NA	NA	NA	Tile_02	NA
35	Grid Connection Route	Cork	850	GCR 25m intervals	550361.10	604903.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	589.10	NA	NA	NA	NA	NA	Tile_02	NA
36	Grid Connection Route	Cork	875	GCR 25m intervals	550381.75	604917.92	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	606.23	NA	NA	NA	NA	NA	Tile_02	NA
37	Grid Connection Route	Cork	900	GCR 25m intervals	550402.40	604932.01	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	623.89	NA	NA	NA	NA	NA	Tile_02	NA
38	Grid Connection Route	Cork	925	GCR 25m intervals	550423.05	604946.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	642.03	NA	NA	NA	NA	NA	Tile_02	NA
39	Grid Connection Route	Cork	950	GCR 25m intervals	550443.69	604960.20	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	660.63	NA	NA	NA	NA	NA	Tile_02	NA
40	Grid Connection Route	Cork	975	GCR 25m intervals	550465.89	604971.66	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	677.53	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
41	Grid Connection Route	Cork	1000	GCR 25m intervals	550488.26	604982.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	694.68	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
42	Grid Connection Route	Cork	1025	GCR 25m intervals	550510.63	604993.98	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	712.29	NA	NA	NA	NA	NA	Tile_02	NA
43	Grid Connection Route	Cork	1050	GCR 25m intervals	550533.00	605005.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	730.34	NA	NA	NA	NA	NA	Tile_02	NA
44	Grid Connection Route	Cork	1075	GCR 25m intervals	550555.37	605016.29	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	748.78	NA	NA	NA	NA	NA	Tile_02	NA
45	Grid Connection Route	Cork	1100	GCR 25m intervals	550577.72	605027.49	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	767.63	NA	NA	NA	NA	NA	Tile_02	NA
46	Grid Connection Route	Cork	1125	GCR 25m intervals	550599.98	605038.88	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	752.08	NA	NA	NA	NA	NA	Tile_02	NA
47	Grid Connection Route	Cork	1150	GCR 25m intervals	550622.24	605050.26	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	735.98	NA	NA	NA	NA	NA	Tile_02	NA
48	Grid Connection Route	Cork	1175	GCR 25m intervals	550644.50	605061.65	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	720.38	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
49	Grid Connection Route	Cork	1200	GCR 25m intervals	550666.75	605073.03	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	705.33	NA	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock
50	Grid Connection Route	Cork	1225	GCR 25m intervals	550689.01	605084.42	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	690.86	NA	NA	NA	NA	NA	Tile_02	NA
51	Grid Connection Route	Cork	1250	GCR 25m intervals	550711.27	605095.80	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	677.00	NA	NA	NA	NA	NA	Tile_02	NA
52	Grid Connection Route	Cork	1275	GCR 25m intervals	550733.53	605107.19	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	663.79	NA	NA	NA	NA	NA	Tile_02	NA
53	Grid Connection Route	Cork	1300	GCR 25m intervals	550755.78	605118.57	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	651.28	NA	NA	NA	NA	NA	Tile_02	NA
54	Grid Connection Route	Cork	1325	GCR 25m intervals	550778.04	605129.96	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	639.50	NA	NA	NA	NA	NA	Tile_02	NA
55	Grid Connection Route	Cork	1350	GCR 25m intervals	550800.88	605140.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	629.75	NA	NA	NA	NA	NA	Tile_02	NA
56	Grid Connection Route	Cork	1375	GCR 25m intervals	550823.82	605150.04	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	621.07	NA	NA	NA	NA	NA	Tile_02	NA
57	Grid Connection Route	Cork	1400	GCR 25m intervals	550846.76	605159.99	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	613.28	NA	NA	NA	NA	NA	Tile_02	NA
58	Grid Connection Route	Cork	1425	GCR 25m intervals	550869.70	605169.93	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	606.42	NA	NA	NA	NA	NA	Tile_02	NA
59	Grid Connection Route	Cork	1450	GCR 25m intervals	550892.63	605179.88	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	600.53	NA	NA	NA	NA	NA	Tile_02	NA
60	Grid Connection Route	Cork	1475	GCR 25m intervals	550915.57	605189.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	595.62	NA	NA	NA	NA	NA	Tile_02	NA
61	Grid Connection Route	Cork	1500	GCR 25m intervals	550938.51	605199.77	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	591.74	NA	NA	NA	NA	NA	Tile_02	NA
62	Grid Connection Route	Cork	1525	GCR 25m intervals	550961.44	605209.71	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	588.89	NA	NA	NA	NA	NA	Tile_02	NA
63	Grid Connection Route	Cork	1550	GCR 25m intervals	550984.38	605219.65	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	587.10	NA	NA	NA	NA	NA	Tile_02	NA
64	Grid Connection Route	Cork	1575	GCR 25m intervals	551007.32	605229.60	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	586.36	NA	NA	NA	NA	NA	Tile_02	NA
65	Grid Connection Route	Cork	1600	GCR 25m intervals	551030.25	605239.54	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	586.69	NA	NA	NA	NA	NA	Tile_02	NA
66	Grid Connection Route	Cork	1625	GCR 25m intervals	551053.27	605249.31	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	588.28	NA	NA	NA	NA	NA	Tile_02	NA
67	Grid Connection Route	Cork	1650	GCR 25m intervals	551076.29	605259.07	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	590.93	NA	NA	NA	NA	NA	Tile_02	NA
68	Grid Connection Route	Cork	1675	GCR 25m intervals	551099.30	605268.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	594.63	NA	NA	NA	NA	NA	Tile_02	NA
69	Grid Connection Route	Cork	1700	GCR 25m intervals	551122.32	605278.58	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	599.34	NA	NA	NA	NA	NA	Tile_02	NA
70	Grid Connection Route	Cork	1725	GCR 25m intervals	551145.34	605288.34	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	605.05	NA	NA	NA	NA	NA	Tile_02	NA
71	Grid Connection Route	Cork	1750	GCR 25m intervals	551168.35	605298.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	611.74	NA	NA	NA	NA	NA	Tile_02	NA
72	Grid Connection Route	Cork	1775	GCR 25m intervals	551189.83	605310.85	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	616.10	NA	NA	NA	NA	NA	Tile_02	NA
73	Grid Connection Route	Cork	1800	GCR 25m intervals	551211.15	605323.91	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	621.10	NA	NA	NA	NA	NA	Tile_02	NA
74	Grid Connection Route	Cork	1825	GCR 25m intervals	551232.47	605336.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	627.07	NA	NA	NA	NA	NA	Tile_02	NA
75	Grid Connection Route	Cork	1850	GCR 25m intervals	551254.55	605348.66	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	635.43	NA	NA	NA	NA	NA	Tile_02	NA
76	Grid Connection Route	Cork	1875	GCR 25m intervals	551276.78	605360.11	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	644.93	NA	NA	NA	NA	NA	Tile_02	NA
77	Grid Connection Route	Cork	1900	GCR 25m intervals	551299.00	605371.56	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	655.24	NA	NA	NA	NA	NA	Tile_02	NA
78	Grid Connection Route	Cork	1925	GCR 25m intervals	551321.22	605383.01	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	666.33	NA	NA	NA	NA	NA	Tile_02	NA
79	Grid Connection Route	Cork	1950	GCR 25m intervals	551343.45	605394.46	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	674.47	NA	NA	NA	NA	NA	Tile_02	NA
80	Grid Connection Route	Cork	1975	GCR 25m intervals	551365.77	605405.71	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	681.10	NA	NA	NA	NA	NA	Tile_02	NA
81	Grid Connection Route	Cork	2000	GCR 25m intervals	551388.27	605416.62	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	688.95	NA	NA	NA	NA	NA	Tile_02	NA
82	Grid Connection Route	Cork	2025	GCR 25m intervals	551410.76	605427.53	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	697.61	NA	NA	NA	NA	NA	Tile_02	NA
83	Grid Connection Route	Cork	2050	GCR 25m intervals	551433.26	605438.43	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	707.04	NA	NA	NA	NA	NA	Tile_02	NA
84	Grid Connection Route	Cork	2075	GCR 25m intervals	551455.75	605449.34	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	717.23	NA	NA	NA	NA	NA	Tile_02	NA
85	Grid Connection Route	Cork	2100	GCR 25m intervals	551478.25	605460.25	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_03	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	728.13	NA	NA	NA	NA	NA	Tile_02	NA
86	Grid Connection Route	Cork	2125	GCR 25m intervals	551500.74	605471.15	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	739.71	NA	NA	NA	NA	NA	Tile_02	NA
87	Grid Connection Route	Cork	2150	GCR 25m intervals	551525.62	605471.70	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which i	Not likely *	NA	759.75	NA	MOUNTNORTH RWSS	NA

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
104	Grid Connection Route	Cork	2575	GCR 25m intervals	551927.07	605505.64	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1101.29	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
105	Grid Connection Route	Cork	2600	GCR 25m intervals	551949.97	605512.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1120.31	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
106	Grid Connection Route	Cork	2625	GCR 25m intervals	551971.56	605525.04	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1136.33	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
107	Grid Connection Route	Cork	2650	GCR 25m intervals	551993.16	605537.64	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1152.67	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
108	Grid Connection Route	Cork	2675	GCR 25m intervals	552014.75	605550.24	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1169.32	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
109	Grid Connection Route	Cork	2700	GCR 25m intervals	552036.34	605562.84	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1186.26	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
110	Grid Connection Route	Cork	2725	GCR 25m intervals	552059.07	605570.21	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1206.01	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
111	Grid Connection Route	Cork	2750	GCR 25m intervals	552081.26	605558.68	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1230.53	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
112	Grid Connection Route	Cork	2775	GCR 25m intervals	552103.44	605547.16	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1255.06	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
113	Grid Connection Route	Cork	2800	GCR 25m intervals	552125.63	605535.63	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1279.61	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
114	Grid Connection Route	Cork	2825	GCR 25m intervals	552147.81	605524.11	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1304.19	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
115	Grid Connection Route	Cork	2850	GCR 25m intervals	552170.00	605512.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1328.77	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
116	Grid Connection Route	Cork	2875	GCR 25m intervals	552192.41	605501.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1353.46	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
117	Grid Connection Route	Cork	2900	GCR 25m intervals	552214.93	605490.66	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1378.19	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
118	Grid Connection Route	Cork	2925	GCR 25m intervals	552237.45	605479.80	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1402.93	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
119	Grid Connection Route	Cork	2950	GCR 25m intervals	552259.97	605468.94	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1427.69	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
120	Grid Connection Route	Cork	2975	GCR 25m intervals	552282.49	605458.09	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1452.45	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
121	Grid Connection Route	Cork	3000	GCR 25m intervals	552305.01	605447.23	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1477.22	NA	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within MOUNTNORTH RWSS Source Protection Area
122	Grid Connection Route	Cork	3025	GCR 25m intervals	552327.66	605436.69	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1502.01	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
123	Grid Connection Route	Cork	3050	GCR 25m intervals	552351.51	605429.21	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1527.02	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
124	Grid Connection Route	Cork	3075	GCR 25m intervals	552375.37	605421.74	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1552.02	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
125	Grid Connection Route	Cork	3100	GCR 25m intervals	552399.65	605416.00	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1576.89	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
126	Grid Connection Route	Cork	3125	GCR 25m intervals	552424.26	605411.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1601.66	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
127	Grid Connection Route	Cork	3150	GCR 25m intervals	552448.87	605407.19	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1626.44	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
128	Grid Connection Route	Cork	3175	GCR 25m intervals	552473.54	605403.20	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1651.17	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
129	Grid Connection Route	Cork	3200	GCR 25m intervals	552498.33	605399.98	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1675.78	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
130	Grid Connection Route	Cork	3225	GCR 25m intervals	552523.12	605396.76	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1700.41	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
131	Grid Connection Route	Cork	3250	GCR 25m intervals	552547.83	605392.97	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1725.13	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
132	Grid Connection Route	Cork	3275	GCR 25m intervals	552572.54	605389.13	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1749.88	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
133	Grid Connection Route	Cork	3300	GCR 25m intervals	552597.24	605385.29	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1774.63	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
134	Grid Connection Route	Cork	3325	GCR 25m intervals	552621.59	605379.88	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1794.85	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
135	Grid Connection Route	Cork	3350	GCR 25m intervals	552645.53	605372.70	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1808.30	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
136	Grid Connection Route	Cork	3375	GCR 25m intervals	552669.48	605365.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1822.00	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
137	Grid Connection Route	Cork	3400	GCR 25m intervals	552693.42	605358.33	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1835.93	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
138	Grid Connection Route	Cork	3425	GCR 25m intervals	552717.37	605351.14	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1850.10	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
139	Grid Connection Route	Cork	3450	GCR 25m intervals	552741.31	605343.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1864.49	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
140	Grid Connection Route	Cork	3475	GCR 25m intervals	552765.26	605336.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1879.11	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
141	Grid Connection Route	Cork	3500	GCR 25m intervals	552789.20	605329.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1893.94	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
142	Grid Connection Route	Cork	3525	GCR 25m intervals	552813.15	605322.40	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1908.99	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
143	Grid Connection Route	Cork	3550	GCR 25m intervals	552837.09	605315.21	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1924.24	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
144	Grid Connection Route	Cork	3575	GCR 25m intervals	552861.04	605308.03	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1939.70	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
145	Grid Connection Route	Cork	3600	GCR 25m intervals	552884.98	605300.84	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1955.35	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
146	Grid Connection Route	Cork	3625	GCR 25m intervals	552908.93	605293.66	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1971.20	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
147	Grid Connection Route	Cork	3650	GCR 25m intervals	552932.88	605286.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1987.26	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
148	Grid Connection Route	Cork	3675	GCR 25m intervals	552957.16	605280.54	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2004.41	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
149	Grid Connection Route	Cork	3700	GCR 25m intervals	552981.44	605274.57	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2021.73	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
150	Grid Connection Route	Cork	3725	GCR 25m intervals	553005.72	605268.61	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2039.21	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
151	Grid Connection Route	Cork	3750	GCR 25m intervals	553029.99	605262.64	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2056.85	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
152	Grid Connection Route	Cork	3775	GCR 25m intervals	553054.27	605256.68	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2074.63	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
153	Grid Connection Route	Cork	3800	GCR 25m intervals	553078.55	605250.71	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2092.56	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
154	Grid Connection Route	Cork	3825	GCR 25m intervals	553102.83	605244.75	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2109.59	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
155	Grid Connection Route	Cork	3850	GCR 25m intervals	553127.11	605238.78	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2092.63	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area
156	Grid Connection Route	Cork	3875	GCR 25m intervals	553151.10	605231.80	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2067.91	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within MOUNTNORTH RWSS Source Protection Area

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*							
157	Grid Connection Route	Cork	3900	GCR 25m intervals	553174.97	605224.37	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	2043.69	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
158	Grid Connection Route	Cork	3925	GCR 25m intervals	553198.84	605216.94	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	2019.49	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
159	Grid Connection Route	Cork	3950	GCR 25m intervals	553222.71	605209.51	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1995.30	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
160	Grid Connection Route	Cork	3975	GCR 25m intervals	553247.18	605204.49	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1970.64	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
161	Grid Connection Route	Cork	4000	GCR 25m intervals	553271.75	605199.85	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1945.90	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
162	Grid Connection Route	Cork	4025	GCR 25m intervals	553296.32	605195.22	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1921.17	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
163	Grid Connection Route	Cork	4050	GCR 25m intervals	553320.88	605190.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1896.45	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
164	Grid Connection Route	Cork		Crossing No. 1 (Option 2 Grid Route)	553339.54	605187.79	Horizontal Directional Drilling		No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1896.45	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
165	Grid Connection Route	Cork	4075	GCR 25m intervals	553345.45	605185.96	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1871.73	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
166	Grid Connection Route	Cork	4100	GCR 25m intervals	553370.24	605182.73	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1846.84	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
167	Grid Connection Route	Cork	4125	GCR 25m intervals	553395.03	605179.50	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1821.96	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
168	Grid Connection Route	Cork	4150	GCR 25m intervals	553419.82	605176.27	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1797.08	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
169	Grid Connection Route	Cork	4175	GCR 25m intervals	553444.61	605173.03	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1772.20	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
170	Grid Connection Route	Cork	4200	GCR 25m intervals	553469.55	605171.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1747.22	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
171	Grid Connection Route	Cork	4225	GCR 25m intervals	553494.53	605170.59	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1722.22	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
172	Grid Connection Route	Cork	4250	GCR 25m intervals	553519.52	605169.80	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1697.22	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
173	Grid Connection Route	Cork	4275	GCR 25m intervals	553544.51	605170.30	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1672.25	Yes	MOUNTNORTH RWSS	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse) Works will be carried out within MOUNTNORTH RWSS Source Protection Area
174	Grid Connection Route	Cork	4300	GCR 25m intervals	553569.51	605170.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1647.27	Yes	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
175	Grid Connection Route	Cork	4325	GCR 25m intervals	553594.50	605171.29	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1622.30	Yes	NA	NA	NA	NA	Tile_02	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
176	Grid Connection Route	Cork	4350	GCR 25m intervals	553619.50	605171.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1597.33	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
177	Grid Connection Route	Cork	4375	GCR 25m intervals	553644.49	605172.29	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1572.35	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
178	Grid Connection Route	Cork	4400	GCR 25m intervals	553669.49	605172.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1547.38	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
179	Grid Connection Route	Cork	4425	GCR 25m intervals	553694.48	605173.29	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1522.42	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
180	Grid Connection Route	Cork	4450	GCR 25m intervals	553719.48	605173.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1497.45	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
181	Grid Connection Route	Cork	4475	GCR 25m intervals	553744.47	605174.53	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1472.50	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
182	Grid Connection Route	Cork	4500	GCR 25m intervals	553769.45	605175.48	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1447.56	Yes	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Kartisfied (diffuse)
183	Grid Connection Route	Cork	4525	GCR 25m intervals	553794.43	605176.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1422.63	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
184	Grid Connection Route	Cork	4550	GCR 25m intervals	553819.41	605177.40	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1397.70	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
185	Grid Connection Route	Cork	4575	GCR 25m intervals	553844.32	605178.82	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1372.86	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
186	Grid Connection Route	Cork	4600	GCR 25m intervals	553868.32	605185.79	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1349.18	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
187	Grid Connection Route	Cork	4625	GCR 25m intervals	553892.33	605192.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1325.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
188	Grid Connection Route	Cork	4650	GCR 25m intervals	553908.55	605210.72	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1310.42	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
189	Grid Connection Route	Cork	4675	GCR 25m intervals	553925.12	605228.44	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1295.21	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
190	Grid Connection Route	Cork		Crossing No. 2 (Option 2 Grid Route)	553963.83	605219.51	Horizontal Directional Drilling		No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1295.21	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
191	Grid Connection Route	Cork	4700	GCR 25m intervals	553949.34	605233.74	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1271.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
192	Grid Connection Route	Cork	4725	GCR 25m intervals	553966.62	605216.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1252.92	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
193	Grid Connection Route	Cork	4750	GCR 25m intervals	553986.50	605208.31	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1232.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)
194	Grid Connection Route	Cork	4775	GCR 25m intervals	554010.86	605213.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREA	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1208.58	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Kartisfied (diffuse)

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*							
195	Grid Connection Route	Cork	4800	GCR 25m intervals	554035.22	605219.55	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1184.74	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
196	Grid Connection Route	Cork	4825	GCR 25m intervals	554059.58	605225.17	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1160.93	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
197	Grid Connection Route	Cork	4850	GCR 25m intervals	554083.53	605232.23	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1137.73	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
198	Grid Connection Route	Cork	4875	GCR 25m intervals	554107.21	605240.23	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1114.97	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
199	Grid Connection Route	Cork	4900	GCR 25m intervals	554130.90	605248.22	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1092.30	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
200	Grid Connection Route	Cork	4925	GCR 25m intervals	554154.41	605256.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1069.95	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
201	Grid Connection Route	Cork	4950	GCR 25m intervals	554175.32	605270.29	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1051.05	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
202	Grid Connection Route	Cork	4975	GCR 25m intervals	554197.58	605280.83	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1030.56	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
203	Grid Connection Route	Cork	5000	GCR 25m intervals	554221.91	605286.58	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1007.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
204	Grid Connection Route	Cork	5025	GCR 25m intervals	554246.24	605292.33	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	984.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
205	Grid Connection Route	Cork	5050	GCR 25m intervals	554271.08	605293.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	960.20	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
206	Grid Connection Route	Cork	5075	GCR 25m intervals	554296.08	605293.77	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	935.61	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
207	Grid Connection Route	Cork	5100	GCR 25m intervals	554321.05	605292.98	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	910.92	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
208	Grid Connection Route	Cork	5125	GCR 25m intervals	554345.96	605290.93	Shallow Excavation	1.25	No	NA	BALLYCLOGH STREAM	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	886.06	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
209	Grid Connection Route	Cork	5150	GCR 25m intervals	554370.88	605288.89	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	861.21	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
210	Grid Connection Route	Cork	5175	GCR 25m intervals	554395.79	605286.85	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	836.37	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
211	Grid Connection Route	Cork	5200	GCR 25m intervals	554420.37	605282.52	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	811.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
212	Grid Connection Route	Cork	5225	GCR 25m intervals	554444.81	605277.25	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	786.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
213	Grid Connection Route	Cork	5250	GCR 25m intervals	554469.25	605271.99	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	761.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
214	Grid Connection Route	Cork	5275	GCR 25m intervals	554493.69	605266.72	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	736.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
215	Grid Connection Route	Cork	5300	GCR 25m intervals	554518.17	605261.69	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	711.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
216	Grid Connection Route	Cork	5325	GCR 25m intervals	554542.90	605258.04	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	686.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
217	Grid Connection Route	Cork	5350	GCR 25m intervals	554567.63	605254.38	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	661.47	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
218	Grid Connection Route	Cork	5375	GCR 25m intervals	554592.36	605250.72	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	636.50	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
219	Grid Connection Route	Cork	5400	GCR 25m intervals	554617.10	605247.06	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	611.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
220	Grid Connection Route	Cork	5425	GCR 25m intervals	554642.01	605247.71	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	587.29	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
221	Grid Connection Route	Cork	5450	GCR 25m intervals	554666.97	605249.21	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	563.26	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
222	Grid Connection Route	Cork	5475	GCR 25m intervals	554691.65	605252.82	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	540.09	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
223	Grid Connection Route	Cork	5500	GCR 25m intervals	554716.19	605257.62	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	517.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
224	Grid Connection Route	Cork	5525	GCR 25m intervals	554740.73	605262.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	495.20	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
225	Grid Connection Route	Cork	5550	GCR 25m intervals	554765.26	605267.20	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	473.14	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
226	Grid Connection Route	Cork	5575	GCR 25m intervals	554789.80	605272.00	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	451.39	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
227	Grid Connection Route	Cork	5600	GCR 25m intervals	554814.34	605276.79	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	429.99	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
228	Grid Connection Route	Cork	5625	GCR 25m intervals	554838.87	605281.59	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	409.00	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
229	Grid Connection Route	Cork	5650	GCR 25m intervals	554863.41	605286.38	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	388.49	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
230	Grid Connection Route	Cork	5675	GCR 25m intervals	554887.94	605291.17	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	368.53	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
231	Grid Connection Route	Cork	5700	GCR 25m intervals	554911.91	605298.23	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	350.84	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
232	Grid Connection Route	Cork	5725	GCR 25m intervals	554935.80	605305.61	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	334.33	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
233	Grid Connection Route	Cork	5750	GCR 25m intervals	554959.68	605312.98	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	318.93	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
234	Grid Connection Route	Cork	5775	GCR 25m intervals	554983.18	605321.51	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	305.84	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
235	Grid Connection Route	Cork	5800	GCR 25m intervals	555006.63	605330.18	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	294.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
236	Grid Connection Route	Cork	5825	GCR 25m intervals	555030.08	605338.86	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	284.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
237	Grid Connection Route	Cork	5850	GCR 25m intervals	555053.52	605347.53	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	277.05	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
238	Grid Connection Route	Cork	5875	GCR 25m intervals	555076.97	605356.20	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	271.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
239	Grid Connection Route	Cork	5900	GCR 25m intervals	555100.42	605364.87	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	267.99	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
240	Grid Connection Route	Cork	5925	GCR 25m intervals	555123.90	605373.46	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	266.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
241	Grid Connection Route	Cork	5950	GCR 25m intervals	555147.39	605382.02	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	267.90	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
242	Grid Connection Route	Cork	5975	GCR 25m intervals	555170.87	605390.58	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	265.44	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
243	Grid Connection Route	Cork	6000	GCR 25m intervals	555194.36	605399.15	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	254.70	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
244	Grid Connection Route	Cork	6025	GCR 25m intervals	555218.96	605403.45	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	241.98	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
245	Grid Connection Route	Cork	6050	GCR 25m intervals	555243.64	605407.46	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	231.00	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
246	Grid Connection Route	Cork	6075	GCR 25m intervals	555268.31	605411.48	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	222.29	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
247	Grid Connection Route	Cork	6100	GCR 25m intervals	555292.99	605415.49	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	216.15	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
248	Grid Connection Route	Cork	6125	GCR 25m intervals	555317.66	605419.50	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	212.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
249	Grid Connection Route	Cork	6150	GCR 25m intervals	555342.36	605423.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	212.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
250	Grid Connection Route	Cork	6175	GCR 25m intervals	555367.05	605427.32	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	214.58	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
251	Grid Connection Route	Cork	6200	GCR 25m intervals	555383.32	605413.02	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	200.87	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
252	Grid Connection Route	Cork	6225	GCR 25m intervals	555396.34	605391.68	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	181.18	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
253	Grid Connection Route	Cork	6250	GCR 25m intervals	555409.36	605370.33	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	162.95	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
254	Grid Connection Route	Cork	6275	GCR 25m intervals	555426.15	605352.11	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	151.05	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
255	Grid Connection Route	Cork	6300	GCR 25m intervals	555444.59	605335.24	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	144.52	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
256	Grid Connection Route	Cork	6325	GCR 25m intervals	555462.47	605317.77	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	141.34	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
257	Grid Connection Route	Cork	6350	GCR 25m intervals	555480.36	605300.30	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	142.53	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse)
258	Grid Connection Route	Cork	6375	GCR 25m intervals	555494.96	605280.01	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	143.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
259	Grid Connection Route	Cork	6400	GCR 25m intervals	555509.52	605259.69	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	149.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
260	Grid Connection Route	Cork	6425	GCR 25m intervals	555522.94	605238.66	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	157.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
261	Grid Connection Route	Cork	6450	GCR 25m intervals	555534.71	605216.61	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	166.88	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
262	Grid Connection Route	Cork	6475	GCR 25m intervals	555546.32	605194.47	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	179.39	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
263	Grid Connection Route	Cork	6500	GCR 25m intervals	555556.13	605171.48	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	192.74	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
264	Grid Connection Route	Cork	6525	GCR 25m intervals	555565.94	605148.48	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	208.25	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
265	Grid Connection Route	Cork	6550	GCR 25m intervals	555575.74	605125.49	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	225.47	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
266	Grid Connection Route	Cork	6575	GCR 25m intervals	555585.68	605102.55	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	244.13	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
267	Grid Connection Route	Cork	6600	GCR 25m intervals	555595.70	605079.64	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	263.89	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
268	Grid Connection Route	Cork	6625	GCR 25m intervals	555605.71	605056.73	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	284.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
269	Grid Connection Route	Cork	6650	GCR 25m intervals	555616.80	605034.40	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	306.27	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
270	Grid Connection Route	Cork	6675	GCR 25m intervals	555630.21	605013.30	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	329.59	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
271	Grid Connection Route	Cork	6700	GCR 25m intervals	555644.74	604992.98	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	353.54	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
272	Grid Connection Route	Cork	6725	GCR 25m intervals	555659.71	604972.95	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	377.78	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
273	Grid Connection Route	Cork	6750	GCR 25m intervals	555674.68	604952.93	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	402.10	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
274	Grid Connection Route	Cork	6775	GCR 25m intervals	555689.65	604932.90	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	426.51	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
275	Grid Connection Route	Cork	6800	GCR 25m intervals	555701.91	604911.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	450.13	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
276	Grid Connection Route	Cork	6825	GCR 25m intervals	555714.02	604889.26	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	473.84	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
277	Grid Connection Route	Cork	6850	GCR 25m intervals	555726.12	604867.39	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	497.69	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
278	Grid Connection Route	Cork	6875	GCR 25m intervals	555738.38	604845.60	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	521.69	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
279	Grid Connection Route	Cork	6900	GCR 25m intervals	555751.18	604824.13	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	533.74	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
280	Grid Connection Route	Cork	6925	GCR 25m intervals	555763.98	604802.66	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	548.15	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
281	Grid Connection Route	Cork	6950	GCR 25m intervals	555776.34	604780.93	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	553.46	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
282	Grid Connection Route	Cork	6975	GCR 25m intervals	555788.04	604758.84	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	560.57	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
283	Grid Connection Route	Cork	7000	GCR 25m intervals	555799.73	604736.74	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	558.65	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
284	Grid Connection Route	Cork	7025	GCR 25m intervals	555811.43	604714.65	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	553.69	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
285	Grid Connection Route	Cork	7050	GCR 25m intervals	555824.72	604693.64	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	547.95	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
286	Grid Connection Route	Cork	7075	GCR 25m intervals	555841.06	604674.72	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	539.67	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
287	Grid Connection Route	Cork	7100	GCR 25m intervals	555857.40	604655.80	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	532.43	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
288	Grid Connection Route	Cork	7125	GCR 25m intervals	555873.92	604637.08	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	526.02	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
289	Grid Connection Route	Cork	7150	GCR 25m intervals	555893.93	604622.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	515.82	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
290	Grid Connection Route	Cork	7175	GCR 25m intervals	555905.46	604599.96	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	517.69	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
291	Grid Connection Route	Cork	7200	GCR 25m intervals	555915.39	604577.07	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	522.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
292	Grid Connection Route	Cork	7225	GCR 25m intervals	555923.97	604553.59	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	529.83	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
293	Grid Connection Route	Cork	7250	GCR 25m intervals	555932.55	604530.11	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	538.24	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
294	Grid Connection Route	Cork	7275	GCR 25m intervals	555941.13	604506.63	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	547.66	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
295	Grid Connection Route	Cork	7300	GCR 25m intervals	555949.71	604483.14	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	558.04	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
296	Grid Connection Route	Cork	7325	GCR 25m intervals	555958.29	604459.66	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	569.33	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
297	Grid Connection Route	Cork	7350	GCR 25m intervals	555966.87	604436.18	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	581.48	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
298	Grid Connection Route	Cork	7375	GCR 25m intervals	555975.42	604412.69	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	594.47	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
299	Grid Connection Route	Cork	7400	GCR 25m intervals	555983.71	604389.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	608.43	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
300	Grid Connection Route	Cork	7425	GCR 25m intervals	555992.00	604365.52	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	623.08	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
301	Grid Connection Route	Cork	7450	GCR 25m intervals	556000.29	604341.93	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	638.38	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
302	Grid Connection Route	Cork	7475	GCR 25m intervals	556008.57	604318.35	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	654.27	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
303	Grid Connection Route	Cork	7500	GCR 25m intervals	556016.86	604294.76	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	670.72	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
304	Grid Connection Route	Cork	7525	GCR 25m intervals	556024.06	604270.94	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	688.39	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
305	Grid Connection Route	Cork	7550	GCR 25m intervals	556026.08	604246.02	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	709.76	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
306	Grid Connection Route	Cork	7575	GCR 25m intervals	556028.10	604221.10	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	731.35	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
307	Grid Connection Route	Cork	7600	GCR 25m intervals	556030.12	604196.19	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	753.15	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
308	Grid Connection Route	Cork	7625	GCR 25m intervals	556032.14	604171.27	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bed	Not likely *	NA	775.15	NA	NA	NA	NA	NA	Tile_03	NA
309	Grid Connection Route	Cork	7650	GCR 25m intervals	556033.84	604146.33	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bed	Not likely *	NA	797.47	NA	NA	NA	NA	NA	Tile_03	NA
310	Grid Connection Route	Cork	7675	GCR 25m intervals	556035.00	604121.36	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bed	Not likely *	NA	820.17	NA	NA	NA	NA	NA	Tile_03	NA

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
311	Grid Connection Route	Cork	7700	GCR 25m intervals	556036.16	604096.38	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	843.00	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
312	Grid Connection Route	Cork	7725	GCR 25m intervals	556037.33	604071.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	857.59	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
313	Grid Connection Route	Cork	7750	GCR 25m intervals	556036.24	604046.44	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	852.58	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
314	Grid Connection Route	Cork	7775	GCR 25m intervals	556035.03	604021.47	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	848.16	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
315	Grid Connection Route	Cork	7800	GCR 25m intervals	556032.77	603996.58	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	843.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
316	Grid Connection Route	Cork	7825	GCR 25m intervals	556030.14	603971.72	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	839.01	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
317	Grid Connection Route	Cork	7850	GCR 25m intervals	556027.51	603946.86	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	835.34	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
318	Grid Connection Route	Cork	7875	GCR 25m intervals	556024.88	603922.00	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	832.41	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
319	Grid Connection Route	Cork	7900	GCR 25m intervals	556022.25	603897.13	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	830.22	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
320	Grid Connection Route	Cork	7925	GCR 25m intervals	556019.62	603872.27	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	828.77	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
321	Grid Connection Route	Cork	7950	GCR 25m intervals	556016.99	603847.41	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	828.08	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
322	Grid Connection Route	Cork	7975	GCR 25m intervals	556014.78	603822.56	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	828.56	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
323	Grid Connection Route	Cork	8000	GCR 25m intervals	556018.77	603797.88	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	835.89	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
324	Grid Connection Route	Cork	8025	GCR 25m intervals	556022.76	603773.20	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	843.91	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
325	Grid Connection Route	Cork	8050	GCR 25m intervals	556026.75	603748.52	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	852.58	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
326	Grid Connection Route	Cork	8075	GCR 25m intervals	556032.21	603724.18	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	863.24	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
327	Grid Connection Route	Cork	8100	GCR 25m intervals	556039.33	603700.21	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	875.98	NA	NA	NA	NA	NA	Tile_03	ELEVATED RISK Excavation works could potentially encounter bedrock
328	Grid Connection Route	Cork	8125	GCR 25m intervals	556046.45	603676.25	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	889.25	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
329	Grid Connection Route	Cork	8150	GCR 25m intervals	556053.56	603652.28	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	903.02	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
330	Grid Connection Route	Cork	8175	GCR 25m intervals	556060.68	603628.32	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	917.26	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
331	Grid Connection Route	Cork	8200	GCR 25m intervals	556065.90	603603.92	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	930.31	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
332	Grid Connection Route	Cork	8225	GCR 25m intervals	556069.92	603579.24	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	942.84	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
333	Grid Connection Route	Cork	8250	GCR 25m intervals	556073.95	603554.57	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	955.86	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
334	Grid Connection Route	Cork	8275	GCR 25m intervals	556077.98	603529.90	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	969.35	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
335	Grid Connection Route	Cork	8300	GCR 25m intervals	556082.00	603505.22	Shallow Excavation	1.25	No	NA	AWBEG (Buttevant)_04	Awbeg[Buttevant]_SC_(	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	983.29	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
336	Grid Connection Route	Cork	8325	GCR 25m intervals	556086.03	603480.55	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	997.67	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
337	Grid Connection Route	Cork	8350	GCR 25m intervals	556090.83	603456.02	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1013.07	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
338	Grid Connection Route	Cork	8375	GCR 25m intervals	556095.89	603431.53	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1029.06	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
339	Grid Connection Route	Cork	8400	GCR 25m intervals	556100.95	603407.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1045.40	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
340	Grid Connection Route	Cork	8425	GCR 25m intervals	556106.01	603382.57	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1062.08	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
341	Grid Connection Route	Cork	8450	GCR 25m intervals	556111.06	603358.09	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1079.08	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
342	Grid Connection Route	Cork	8475	GCR 25m intervals	556116.12	603333.60	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1096.38	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
343	Grid Connection Route	Cork	8500	GCR 25m intervals	556121.18	603309.12	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1113.98	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
344	Grid Connection Route	Cork	8525	GCR 25m intervals	556126.24	603284.64	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1131.86	NA	NA	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock
345	Grid Connection Route	Cork	8550	GCR 25m intervals	556131.30	603260.15	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1150.00	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
346	Grid Connection Route	Cork	8575	GCR 25m intervals	556136.08	603235.63	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1168.20	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
347	Grid Connection Route	Cork	8600	GCR 25m intervals	556137.81	603210.69	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1184.45	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
348	Grid Connection Route	Cork	8625	GCR 25m intervals	556139.53	603185.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1201.00	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
349	Grid Connection Route	Cork	8650	GCR 25m intervals	556141.25	603160.81	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1217.84	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
350	Grid Connection Route	Cork	8675	GCR 25m intervals	556142.97	603135.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1234.96	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
351	Grid Connection Route	Cork	8700	GCR 25m intervals	556144.70	603110.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1252.34	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
352	Grid Connection Route	Cork	8725	GCR 25m intervals	556146.42	603085.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1269.98	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
353	Grid Connection Route	Cork	8750	GCR 25m intervals	556148.14	603061.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1287.86	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
354	Grid Connection Route	Cork	8775	GCR 25m intervals	556149.86	603036.11	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1305.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
355	Grid Connection Route	Cork	8800	GCR 25m intervals	556150.89	603011.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1323.82	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
356	Grid Connection Route	Cork	8825	GCR 25m intervals	556151.21	602986.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1341.42	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
357	Grid Connection Route	Cork	8850	GCR 25m intervals	556151.52	602961.14	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1359.25	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within OLIVERS CROSS PWS Source Protection Area
358	Grid Connection Route	Cork	8875	GCR 25m intervals	556151.84	602936.15	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1377.30	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
359	Grid Connection Route	Cork	8900	GCR 25m intervals	556151.75	602911.18	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1395.26	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
360	Grid Connection Route	Cork	8925	GCR 25m intervals	556148.19	602886.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1410.93	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
361	Grid Connection Route	Cork	8950	GCR 25m intervals	556144.64	602861.68	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1426.86	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
362	Grid Connection Route	Cork	8975	GCR 25m intervals	556141.09	602836.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1443.05	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
363	Grid Connection Route	Cork	9000	GCR 25m intervals	556135.67	602812.57	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1457.99	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
364	Grid Connection Route	Cork	9025	GCR 25m intervals	556129.41	602788.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1472.54	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
365	Grid Connection Route	Cork	9050	GCR 25m intervals	556123.14	602764.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1487.37	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
366	Grid Connection Route	Cork	9075	GCR 25m intervals	556116.88	602739.96	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1502.46	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
367	Grid Connection Route	Cork	9100	GCR 25m intervals	556110.62	602715.75	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1517.82	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
368	Grid Connection Route	Cork	9125	GCR 25m intervals	556104.35	602691.55	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1533.43	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
369	Grid Connection Route	Cork	9150	GCR 25m intervals	556098.09	602667.35	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1549.29	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
370	Grid Connection Route	Cork	9175	GCR 25m intervals	556091.11	602643.35	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1564.81	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
371	Grid Connection Route	Cork	9200	GCR 25m intervals	556083.72	602619.47	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1580.24	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
372	Grid Connection Route	Cork	9225	GCR 25m intervals	556076.33	602595.58	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1595.92	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
373	Grid Connection Route	Cork	9250	GCR 25m intervals	556068.95	602571.70	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1611.84	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
374	Grid Connection Route	Cork	9275	GCR 25m intervals	556061.56	602547.81	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1627.98	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
375	Grid Connection Route	Cork	9300	GCR 25m intervals	556054.18	602523.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1644.35	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
376	Grid Connection Route	Cork	9325	GCR 25m intervals	556046.79	602500.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1660.93	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
377	Grid Connection Route	Cork	9350	GCR 25m intervals	556039.40	602476.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1677.72	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
378	Grid Connection Route	Cork	9375	GCR 25m intervals	556032.02	602452.28	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1694.71	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
379	Grid Connection Route	Cork	9400	GCR 25m intervals	556021.95	602429.60	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1709.54	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
380	Grid Connection Route	Cork	9425	GCR 25m intervals	556009.01	602408.21	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1722.11	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
381	Grid Connection Route	Cork	9450	GCR 25m intervals	555997.31	602386.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1736.05	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
382	Grid Connection Route	Cork	9475	GCR 25m intervals	555988.67	602362.76	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1752.92	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
383	Grid Connection Route	Cork	9500	GCR 25m intervals	555980.02	602339.30	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1769.99	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
384	Grid Connection Route	Cork	9525	GCR 25m intervals	555971.37	602315.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1787.25	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
385	Grid Connection Route	Cork	9550	GCR 25m intervals	555962.73	602292.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1804.68	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
386	Grid Connection Route	Cork	9575	GCR 25m intervals	555954.08	602268.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1822.30	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
387	Grid Connection Route	Cork	9600	GCR 25m intervals	555945.44	602245.47	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1840.08	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
388	Grid Connection Route	Cork	9625	GCR 25m intervals	555936.79	602222.02	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1858.03	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
389	Grid Connection Route	Cork	9650	GCR 25m intervals	555928.14	602198.56	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1876.14	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
390	Grid Connection Route	Cork	9675	GCR 25m intervals	555919.92	602174.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1894.68	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
391	Grid Connection Route	Cork	9700	GCR 25m intervals	555915.47	602150.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1915.74	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
392	Grid Connection Route	Cork	9725	GCR 25m intervals	555911.02	602125.79	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1936.89	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
393	Grid Connection Route	Cork	9750	GCR 25m intervals	555906.57	602101.18	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1958.14	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
394	Grid Connection Route	Cork	9775	GCR 25m intervals	555901.23	602076.78	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1978.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_04	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
395	Grid Connection Route	Cork	9800	GCR 25m intervals	555895.10	602052.54	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1999.46	NA	NA	NA	NA	NA	Tile_04	NA
396	Grid Connection Route	Cork	9825	GCR 25m intervals	555888.98	602028.30	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2020.05	NA	NA	NA	NA	NA	Tile_04	NA
397	Grid Connection Route	Cork	9850	GCR 25m intervals	555886.01	602004.18	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2041.70	NA	NA	NA	NA	NA	Tile_04	NA
398	Grid Connection Route	Cork	9875	GCR 25m intervals	555893.94	601980.47	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2066.70	NA	NA	NA	NA	NA	Tile_04	NA
399	Grid Connection Route	Cork	9900	GCR 25m intervals	555901.88	601956.77	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2091.69	NA	NA	NA	NA	NA	Tile_04	NA
400	Grid Connection Route	Cork	9925	GCR 25m intervals	555909.81	601933.06	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2116.69	NA	NA	NA	NA	NA	Tile_04	NA
401	Grid Connection Route	Cork	9950	GCR 25m intervals	555917.74	601909.35	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2141.69	NA	NA	NA	NA	NA	Tile_04	NA
402	Grid Connection Route	Cork	9975	GCR 25m intervals	555925.67	601885.64	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2166.69	NA	NA	NA	NA	NA	Tile_04	NA
403	Grid Connection Route	Cork	10000	GCR 25m intervals	555933.61	601861.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2191.68	NA	NA	NA	NA	NA	Tile_04	NA
404	Grid Connection Route	Cork	10025	GCR 25m intervals	555941.54	601838.23	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2216.68	NA	NA	NA	NA	NA	Tile_04	NA
405	Grid Connection Route	Cork	10050	GCR 25m intervals	555949.42	601814.50	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2241.68	NA	NA	NA	NA	NA	Tile_04	NA
406	Grid Connection Route	Cork	10075	GCR 25m intervals	555957.02	601790.68	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2266.67	NA	NA	NA	NA	NA	Tile_04	NA
407	Grid Connection Route	Cork	10100	GCR 25m intervals	555964.62	601766.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2291.66	NA	NA	NA	NA	NA	Tile_04	NA
408	Grid Connection Route	Cork	10125	GCR 25m intervals	555972.22	601743.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2316.65	NA	NA	NA	NA	NA	Tile_04	NA
409	Grid Connection Route	Cork	10150	GCR 25m intervals	555979.82	601719.23	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2341.63	NA	NA	NA	NA	NA	Tile_04	NA
410	Grid Connection Route	Cork	10175	GCR 25m intervals	555987.41	601695.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2366.62	NA	NA	NA	NA	NA	Tile_04	NA
411	Grid Connection Route	Cork	10200	GCR 25m intervals	555995.01	601671.60	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2391.61	NA	NA	NA	NA	NA	Tile_04	NA
412	Grid Connection Route	Cork	10225	GCR 25m intervals	556001.33	601647.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2416.51	NA	NA	NA	NA	NA	Tile_04	NA
413	Grid Connection Route	Cork	10250	GCR 25m intervals	556006.95	601623.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2441.35	NA	NA	NA	NA	NA	Tile_04	NA
414	Grid Connection Route	Cork	10275	GCR 25m intervals	556013.21	601598.96	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2466.17	NA	NA	NA	NA	NA	Tile_04	NA
415	Grid Connection Route	Cork	10300	GCR 25m intervals	556025.86	601577.40	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2490.72	NA	NA	NA	NA	NA	Tile_04	NA
416	Grid Connection Route	Cork	10325	GCR 25m intervals	556038.52	601555.84	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2515.28	NA	NA	NA	NA	NA	Tile_04	NA
417	Grid Connection Route	Cork	10350	GCR 25m intervals	556051.17	601534.28	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2539.85	NA	NA	NA	NA	NA	Tile_04	NA
418	Grid Connection Route	Cork	10375	GCR 25m intervals	556063.83	601512.72	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2564.42	NA	NA	NA	NA	NA	Tile_04	NA
419	Grid Connection Route	Cork	10400	GCR 25m intervals	556076.48	601491.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2589.01	NA	NA	NA	NA	NA	Tile_04	NA
420	Grid Connection Route	Cork	10425	GCR 25m intervals	556089.14	601469.60	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2613.60	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
421	Grid Connection Route	Cork	10450	GCR 25m intervals	556101.79	601448.04	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2638.20	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
422	Grid Connection Route	Cork	10475	GCR 25m intervals	556114.45	601426.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2662.81	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
423	Grid Connection Route	Cork	10500	GCR 25m intervals	556127.10	601404.92	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2684.39	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
424	Grid Connection Route	Cork	10525	GCR 25m intervals	556139.76	601383.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2661.42	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
425	Grid Connection Route	Cork	10550	GCR 25m intervals	556152.42	601361.80	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2638.49	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
426	Grid Connection Route	Cork	10575	GCR 25m intervals	556165.07	601340.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2615.60	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
427	Grid Connection Route	Cork	10600	GCR 25m intervals	556177.32	601318.46	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2592.95	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
428	Grid Connection Route	Cork	10625	GCR 25m intervals	556188.46	601296.08	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2570.90	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
429	Grid Connection Route	Cork	10650	GCR 25m intervals	556199.61	601273.70	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2548.91	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
430	Grid Connection Route	Cork	10675	GCR 25m intervals	556210.75	601251.32	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2526.97	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
431	Grid Connection Route	Cork	10700	GCR 25m intervals	556221.90	601228.95	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2505.08	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
432	Grid Connection Route	Cork	10725	GCR 25m intervals	556233.05	601206.57	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2483.26	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
433	Grid Connection Route	Cork	10750	GCR 25m intervals	556244.19	601184.19	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2461.50	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
434	Grid Connection Route	Cork	10775	GCR 25m intervals	556260.60	601166.03	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2437.76	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
435	Grid Connection Route	Cork	10800	GCR 25m intervals	556278.91	601149.05	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2413.10	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
436	Grid Connection Route	Cork	10825	GCR 25m intervals	556296.61	601131.39	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2388.58	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
437	Grid Connection Route	Cork	10850	GCR 25m intervals	556314.05	601113.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2364.16	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
438	Grid Connection Route	Cork	10875	GCR 25m intervals	556330.87	601094.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2339.94	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
439	Grid Connection Route	Cork	10900	GCR 25m intervals	556347.68	601076.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2315.74	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
440	Grid Connection Route	Cork	10925	GCR 25m intervals	556364.49	601057.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2291.56	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
441	Grid Connection Route	Cork	10950	GCR 25m intervals	556381.30	601039.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2267.39	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*							
442	Grid Connection Route	Cork	10975	GCR 25m intervals	556398.11	601020.98	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2243.24	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
443	Grid Connection Route	Cork	11000	GCR 25m intervals	556416.52	601004.37	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2218.79	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
444	Grid Connection Route	Cork	11025	GCR 25m intervals	556437.64	600991.00	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2193.79	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
445	Grid Connection Route	Cork	11050	GCR 25m intervals	556458.77	600977.63	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2168.78	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
446	Grid Connection Route	Cork	11075	GCR 25m intervals	556479.99	600964.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2143.78	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
447	Grid Connection Route	Cork	11100	GCR 25m intervals	556501.80	600952.20	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2118.82	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
448	Grid Connection Route	Cork	11125	GCR 25m intervals	556523.61	600939.98	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2093.86	NA	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within OLIVERS CROSS PWS Source Protection Area
449	Grid Connection Route	Cork	11150	GCR 25m intervals	556545.41	600927.96	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2069.01	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
450	Grid Connection Route	Cork	11175	GCR 25m intervals	556566.65	600941.15	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2058.36	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
451	Grid Connection Route	Cork	11200	GCR 25m intervals	556587.89	600954.33	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2047.96	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
452	Grid Connection Route	Cork	11225	GCR 25m intervals	556609.13	600967.52	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2037.81	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
453	Grid Connection Route	Cork	11250	GCR 25m intervals	556629.44	600973.09	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	2024.30	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
454	Grid Connection Route	Cork	11275	GCR 25m intervals	556646.90	600955.20	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1999.74	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
455	Grid Connection Route	Cork	11300	GCR 25m intervals	556664.37	600937.31	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1975.18	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
456	Grid Connection Route	Cork	11325	GCR 25m intervals	556681.83	600919.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1950.64	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
457	Grid Connection Route	Cork	11350	GCR 25m intervals	556699.29	600901.52	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1926.11	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
458	Grid Connection Route	Cork	11375	GCR 25m intervals	556716.75	600883.63	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1901.59	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
459	Grid Connection Route	Cork	11400	GCR 25m intervals	556734.21	600865.74	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1877.09	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
460	Grid Connection Route	Cork	11425	GCR 25m intervals	556751.67	600847.85	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1852.60	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
461	Grid Connection Route	Cork	11450	GCR 25m intervals	556769.14	600829.96	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1828.12	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
462	Grid Connection Route	Cork	11475	GCR 25m intervals	556786.65	600812.13	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1803.64	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
463	Grid Connection Route	Cork	11500	GCR 25m intervals	556804.89	600795.03	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1778.98	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
464	Grid Connection Route	Cork	11525	GCR 25m intervals	556823.13	600777.93	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1754.34	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
465	Grid Connection Route	Cork	11550	GCR 25m intervals	556841.37	600760.83	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1729.70	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
466	Grid Connection Route	Cork	11575	GCR 25m intervals	556859.61	600743.73	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1705.07	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
467	Grid Connection Route	Cork	11600	GCR 25m intervals	556877.84	600726.63	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1680.46	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
468	Grid Connection Route	Cork	11625	GCR 25m intervals	556896.08	600709.53	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1655.85	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
469	Grid Connection Route	Cork	11650	GCR 25m intervals	556914.32	600692.43	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1631.26	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
470	Grid Connection Route	Cork	11675	GCR 25m intervals	556932.56	600675.34	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1606.68	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
471	Grid Connection Route	Cork	11700	GCR 25m intervals	556950.80	600658.24	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1582.11	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
472	Grid Connection Route	Cork	11725	GCR 25m intervals	556955.48	600635.97	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1566.33	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
473	Grid Connection Route	Cork	11750	GCR 25m intervals	556953.25	600611.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1555.28	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
474	Grid Connection Route	Cork	11775	GCR 25m intervals	556951.03	600586.17	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bed	Yes / Likely	NA	1544.56	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
475	Grid Connection Route	Cork	11800	GCR 25m intervals	556948.81	600561.26	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1534.16	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
476	Grid Connection Route	Cork	11825	GCR 25m intervals	556953.69	600537.23	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1518.28	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
477	Grid Connection Route	Cork	11850	GCR 25m intervals	556961.80	600513.58	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1499.94	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
478	Grid Connection Route	Cork	11875	GCR 25m intervals	556974.54	600494.30	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bed	Not likely *	NA	1479.71	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
479	Grid Connection Route	Cork	11900	GCR 25m intervals	556997.69	600484.86	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1454.81	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
480	Grid Connection Route	Cork	11925	GCR 25m intervals	557020.84	600475.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1429.92	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
481	Grid Connection Route	Cork	11950	GCR 25m intervals	557043.99	600465.99	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1405.03	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
482	Grid Connection Route	Cork	11975	GCR 25m intervals	557063.04	600450.45	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1380.94	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
483	Grid Connection Route	Cork	12000	GCR 25m intervals	557080.54	600432.59	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1357.19	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
484	Grid Connection Route	Cork	12025	GCR 25m intervals	557098.03	600414.73	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1333.49	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
485	Grid Connection Route	Cork	12050	GCR 25m intervals	557115.53	600396.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1309.83	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas				Assessment Graphics / Comment	
Row No.	Grid Connection Route (GCR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*							
486	Grid Connection Route	Cork	12075	GCR 25m intervals	557132.73	600378.77	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1286.38	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
487	Grid Connection Route	Cork	12100	GCR 25m intervals	557147.16	600358.36	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1264.48	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
488	Grid Connection Route	Cork	12125	GCR 25m intervals	557161.60	600337.94	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1242.70	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
489	Grid Connection Route	Cork	12150	GCR 25m intervals	557176.04	600317.53	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1221.04	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
490	Grid Connection Route	Cork	12175	GCR 25m intervals	557190.47	600297.12	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1199.51	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
491	Grid Connection Route	Cork	12200	GCR 25m intervals	557204.91	600276.71	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1178.13	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
492	Grid Connection Route	Cork	12225	GCR 25m intervals	557209.56	600252.47	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1164.46	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
493	Grid Connection Route	Cork	12250	GCR 25m intervals	557212.83	600227.68	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1152.27	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
494	Grid Connection Route	Cork	12275	GCR 25m intervals	557216.09	600202.90	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1140.50	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
495	Grid Connection Route	Cork	12300	GCR 25m intervals	557219.02	600178.07	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1129.45	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
496	Grid Connection Route	Cork	12325	GCR 25m intervals	557221.47	600153.19	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1119.30	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
497	Grid Connection Route	Cork	12350	GCR 25m intervals	557223.92	600128.31	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1109.62	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
498	Grid Connection Route	Cork	12375	GCR 25m intervals	557226.38	600103.44	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1100.42	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
499	Grid Connection Route	Cork	12400	GCR 25m intervals	557227.98	600078.52	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1092.54	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area
500	Grid Connection Route	Cork	12425	GCR 25m intervals	557227.61	600053.52	Shallow Excavation	1.25	Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1087.07	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
501	Grid Connection Route	Cork	12450	GCR 25m intervals	557227.25	600028.53	Shallow Excavation	1.25	Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1082.15	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
502	Grid Connection Route	Cork		GCR2_WCC_401	557227.17	600016.39	Shallow Excavation	1.25	Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely*	NA	1079.86	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
503	Grid Connection Route	Cork	12475	GCR 25m intervals	557226.88	600003.53	Shallow Excavation	1.25	Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1077.78	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
504	Grid Connection Route	Cork		Crossing No. 7 (Option 1 & Option 2 Grid R	557227.76	599979.26	Horizontal Directional Drilling		Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1077.78	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within GW Buffer Zone Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
505	Grid Connection Route	Cork	12500	GCR 25m intervals	557230.01	599979.19	Shallow Excavation	1.25	Yes	BLACKWATER (MUNS	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1070.64	Yes	OLIVERS CROSS PWS	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse) Works will be carried out within OLIVERS CROSS PWS Source Protection Area Works will be carried out within SW Buffer
506	Grid Connection Route	Cork	12525	GCR 25m intervals	557239.42	599956.02	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1057.94	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
507	Grid Connection Route	Cork	12550	GCR 25m intervals	557248.83	599932.86	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1045.70	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
508	Grid Connection Route	Cork	12575	GCR 25m intervals	557257.93	599909.59	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1034.20	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
509	Grid Connection Route	Cork	12600	GCR 25m intervals	557265.84	599885.87	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1024.34	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
510	Grid Connection Route	Cork	12625	GCR 25m intervals	557273.75	599862.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer	Yes / Likely	NA	1015.00	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Excavation works could potentially encounter bedrock Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
511	Grid Connection Route	Cork	12650	GCR 25m intervals	557281.67	599838.44	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	1006.20	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
512	Grid Connection Route	Cork	12675	GCR 25m intervals	557291.50	599815.46	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	996.03	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
513	Grid Connection Route	Cork	12700	GCR 25m intervals	557301.37	599792.49	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	986.35	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
514	Grid Connection Route	Cork	12725	GCR 25m intervals	557313.22	599770.51	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	975.19	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
515	Grid Connection Route	Cork	12750	GCR 25m intervals	557325.68	599748.83	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	963.92	Yes	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
516	Grid Connection Route	Cork	12775	GCR 25m intervals	557338.13	599727.16	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	953.19	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Works will be carried out within GW Buffer Zone Regionally Important Aquifer-Karstified (diffuse)
517	Grid Connection Route	Cork	12800	GCR 25m intervals	557350.58	599705.48	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer	Not likely *	NA	942.99	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
518	Grid Connection Route	Cork	12825	GCR 25m intervals	557361.80	599683.18	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	934.66	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
519	Grid Connection Route	Cork	12850	GCR 25m intervals	557371.69	599660.22	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	928.34	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
520	Grid Connection Route	Cork	12875	GCR 25m intervals	557381.58	599637.26	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	922.66	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
521	Grid Connection Route	Cork	12900	GCR 25m intervals	557391.47	599614.30	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	917.63	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
522	Grid Connection Route	Cork	12925	GCR 25m intervals	557401.36	599591.34	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	913.25	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
523	Grid Connection Route	Cork	12950	GCR 25m intervals	557411.25	599568.38	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	909.54	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
524	Grid Connection Route	Cork	12975	GCR 25m intervals	557421.14	599545.42	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	906.51	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
525	Grid Connection Route	Cork	13000	GCR 25m intervals	557431.03	599522.46	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	904.15	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
526	Grid Connection Route	Cork	13025	GCR 25m intervals	557440.92	599499.50	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	902.49	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)
527	Grid Connection Route	Cork	13050	GCR 25m intervals	557450.81	599476.54	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	901.51	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Karstified (diffuse)

Appendix 10.2b - Baseline Database - Grid Connection Route Option 2
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.2b-(02)-Baseline Database - Grid Connection Route Option 2

	GCR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	**Grid Connection Route (GCR)**	**County**	**Location ID**	**Assessment Location Category**	**Easting**	**Northing**	**Type of Water Crossing / Construction Activity**	**Approximate Construction Depth** (Excavation / Drilling) Depth Relative to Ground Level)	**SW 50m Buffer**	**Receptor Category** (Mapped river = EPA / WFD mapped)	**River basins**	**Subcatchments**	**Aquifer Vulnerability**	**Potential Depth to Bedrock (acc. To GSI categories)**	**GW Aquifer Type**	**Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)**	**Karst 25m buffer**	**Distance to Karst Feature**	**GW Abstraction 250m Buffer**	**Groundwater Source Protection Area NFGWS**	**SAC 50m Buffer**	**SPA 50m Buffer**	**Within SAC / SPA / NHA ?**	**Map Tile Number**	**Comments & MITIGATION MEASURES**
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
528	Grid Connection Route	Cork	13075	GCR 25m intervals	557439.36	599459.35	Shallow Excavation	1.25	No	NA	BLACKWATER (MUNS	Blackwater[Munster]_SC	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer	Not likely *	NA	918.61	NA	NA	NA	NA	NA	Tile_05	ELEVATED RISK Regionally Important Aquifer-Kartisfied (diffuse)

EIAR VOLUME III
Appendices

CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.3a: Turbine Delivery Route 1 Assessment Database – Foynes

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1	Turbine Delivery Route Option 1	Cork	0	TDR 25m Intervals	549833.19	604808.38	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	660.80	No	No	No	No	No	Tile_01	NA
2	Turbine Delivery Route Option 1	Cork	25	TDR 25m Intervals	549843.61	604785.66	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	637.03	No	No	No	No	No	Tile_01	NA
3	Turbine Delivery Route Option 1	Cork	50	TDR 25m Intervals	549854.04	604762.94	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	613.37	No	No	No	No	No	Tile_01	NA
4	Turbine Delivery Route Option 1	Cork	75	TDR 25m Intervals	549864.47	604740.22	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	589.81	No	No	No	No	No	Tile_01	NA
5	Turbine Delivery Route Option 1	Cork	100	TDR 25m Intervals	549879.72	604720.44	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	565.02	No	No	No	No	No	Tile_01	NA
6	Turbine Delivery Route Option 1	Cork	125	TDR 25m Intervals	549895.11	604700.73	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	540.20	No	No	No	No	No	Tile_01	NA
7	Turbine Delivery Route Option 1	Cork	150	TDR 25m Intervals	549915.38	604688.24	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	517.04	No	No	No	No	No	Tile_01	NA
8	Turbine Delivery Route Option 1	Cork	175	TDR 25m Intervals	549939.39	604681.28	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	495.36	No	No	No	No	No	Tile_01	NA
9	Turbine Delivery Route Option 1	Cork	200	TDR 25m Intervals	549963.79	604682.32	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	479.75	No	No	No	No	No	Tile_01	NA
10	Turbine Delivery Route Option 1	Cork	225	TDR 25m Intervals	549988.35	604686.94	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	467.60	No	No	No	No	No	Tile_01	NA
11	Turbine Delivery Route Option 1	Cork	250	TDR 25m Intervals	550012.62	604692.41	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	457.35	No	No	No	No	No	Tile_01	NA
12	Turbine Delivery Route Option 1	Cork	275	TDR 25m Intervals	550034.41	604704.65	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	455.30	No	No	No	No	No	Tile_01	NA
13	Turbine Delivery Route Option 1	Cork	300	TDR 25m Intervals	550056.21	604716.90	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	454.62	No	No	No	No	No	Tile_01	NA
14	Turbine Delivery Route Option 1	Cork	325	TDR 25m Intervals	550078.00	604729.14	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	455.31	No	No	No	No	No	Tile_01	NA
15	Turbine Delivery Route Option 1	Cork	350	TDR 25m Intervals	550099.80	604741.39	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	457.37	No	No	No	No	No	Tile_01	NA
16	Turbine Delivery Route Option 1	Cork	375	TDR 25m Intervals	550121.59	604753.64	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	460.78	No	No	No	No	No	Tile_01	NA
17	Turbine Delivery Route Option 1	Cork	400	TDR 25m Intervals	550143.34	604765.96	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	465.60	No	No	No	No	No	Tile_01	NA
18	Turbine Delivery Route Option 1	Cork	425	TDR 25m Intervals	550164.93	604778.57	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	472.01	No	No	No	No	No	Tile_01	NA
19	Turbine Delivery Route Option 1	Cork	450	TDR 25m Intervals	550186.52	604791.18	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	479.63	No	No	No	No	No	Tile_01	NA
20	Turbine Delivery Route Option 1	Cork	475	TDR 25m Intervals	550208.11	604803.79	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	488.42	No	No	No	No	No	Tile_01	NA
21	Turbine Delivery Route Option 1	Cork	500	TDR 25m Intervals	550229.69	604816.40	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	498.32	No	No	No	No	No	Tile_01	NA
22	Turbine Delivery Route Option 1	Cork	525	TDR 25m Intervals	550251.28	604829.00	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	509.24	No	No	No	No	No	Tile_01	NA
23	Turbine Delivery Route Option 1	Cork	550	TDR 25m Intervals	550272.87	604841.61	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	521.14	No	No	No	No	No	Tile_01	NA
24	Turbine Delivery Route Option 1	Cork	575	TDR 25m Intervals	550294.46	604854.22	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	533.95	No	No	No	No	No	Tile_01	NA
25	Turbine Delivery Route Option 1	Cork	600	TDR 25m Intervals	550315.82	604867.18	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	547.94	No	No	No	No	No	Tile_01	NA
26	Turbine Delivery Route Option 1	Cork	625	TDR 25m Intervals	550336.19	604881.67	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	564.10	No	No	No	No	No	Tile_01	NA
27	Turbine Delivery Route Option 1	Cork	650	TDR 25m Intervals	550356.56	604896.16	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	580.90	No	No	No	No	No	Tile_01	NA
28	Turbine Delivery Route Option 1	Cork	675	TDR 25m Intervals	550376.93	604910.65	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	598.27	No	No	No	No	No	Tile_01	NA
29	Turbine Delivery Route Option 1	Cork	700	TDR 25m Intervals	550397.31	604925.14	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	616.16	No	No	No	No	No	Tile_01	NA
30	Turbine Delivery Route Option 1	Cork	725	TDR 25m Intervals	550417.68	604939.63	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	634.53	No	No	No	No	No	Tile_01	NA
31	Turbine Delivery Route Option 1	Cork	750	TDR 25m Intervals	550438.05	604954.12	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	653.35	No	No	No	No	No	Tile_01	NA
32	Turbine Delivery Route Option 1	Cork	775	TDR 25m Intervals	550459.36	604967.06	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	671.32	No	No	No	No	No	Tile_01	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
33	Turbine Delivery Route Option 1	Cork	800	TDR 25m Intervals	550481.71	604978.25	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	688.36	No	No	No	No	No	Tile_01	NA
34	Turbine Delivery Route Option 1	Cork	825	TDR 25m Intervals	550504.07	604989.44	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	705.88	No	No	No	No	No	Tile_01	NA
35	Turbine Delivery Route Option 1	Cork	850	TDR 25m Intervals	550526.43	605000.63	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	723.84	No	No	No	No	No	Tile_01	NA
36	Turbine Delivery Route Option 1	Cork	875	TDR 25m Intervals	550548.78	605011.82	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	742.20	No	No	No	No	No	Tile_02	NA
37	Turbine Delivery Route Option 1	Cork	900	TDR 25m Intervals	550571.14	605023.01	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	760.95	No	No	No	No	No	Tile_02	NA
38	Turbine Delivery Route Option 1	Cork	925	TDR 25m Intervals	550593.49	605034.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	758.18	No	No	No	No	No	Tile_02	NA
39	Turbine Delivery Route Option 1	Cork	950	TDR 25m Intervals	550615.85	605045.39	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	742.11	No	No	No	No	No	Tile_02	NA
40	Turbine Delivery Route Option 1	Cork	975	TDR 25m Intervals	550638.20	605056.58	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	726.55	No	No	No	No	No	Tile_02	NA
41	Turbine Delivery Route Option 1	Cork	1000	TDR 25m Intervals	550660.56	605067.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	711.53	No	No	No	No	No	Tile_02	NA
42	Turbine Delivery Route Option 1	Cork	1025	TDR 25m Intervals	550682.92	605078.96	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	697.08	No	No	No	No	No	Tile_02	NA
43	Turbine Delivery Route Option 1	Cork	1050	TDR 25m Intervals	550705.75	605089.15	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	684.19	No	No	No	No	No	Tile_02	NA
44	Turbine Delivery Route Option 1	Cork	1075	TDR 25m Intervals	550728.61	605099.27	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	672.04	No	No	No	No	No	Tile_02	NA
45	Turbine Delivery Route Option 1	Cork	1100	TDR 25m Intervals	550751.47	605109.39	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	660.62	No	No	No	No	No	Tile_02	NA
46	Turbine Delivery Route Option 1	Cork	1125	TDR 25m Intervals	550774.33	605119.51	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	649.96	No	No	No	No	No	Tile_02	NA
47	Turbine Delivery Route Option 1	Cork	1150	TDR 25m Intervals	550796.93	605130.18	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	639.54	No	No	No	No	No	Tile_02	NA
48	Turbine Delivery Route Option 1	Cork	1175	TDR 25m Intervals	550819.41	605141.12	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	629.66	No	No	No	No	No	Tile_02	NA
49	Turbine Delivery Route Option 1	Cork	1200	TDR 25m Intervals	550841.89	605152.06	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	620.64	No	No	No	No	No	Tile_02	NA
50	Turbine Delivery Route Option 1	Cork	1225	TDR 25m Intervals	550864.36	605163.01	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	612.50	No	No	No	No	No	Tile_02	NA
51	Turbine Delivery Route Option 1	Cork	1250	TDR 25m Intervals	550886.84	605173.95	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	605.29	No	No	No	No	No	Tile_02	NA
52	Turbine Delivery Route Option 1	Cork	1275	TDR 25m Intervals	550909.32	605184.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	599.03	No	No	No	No	No	Tile_02	NA
53	Turbine Delivery Route Option 1	Cork	1300	TDR 25m Intervals	550931.80	605195.83	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	593.76	No	No	No	No	No	Tile_02	NA
54	Turbine Delivery Route Option 1	Cork	1325	TDR 25m Intervals	550954.28	605206.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	589.51	No	No	No	No	No	Tile_02	NA
55	Turbine Delivery Route Option 1	Cork	1350	TDR 25m Intervals	550976.76	605217.71	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	586.29	No	No	No	No	No	Tile_02	NA
56	Turbine Delivery Route Option 1	Cork	1375	TDR 25m Intervals	550999.94	605226.99	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	585.94	No	No	No	No	No	Tile_02	NA
57	Turbine Delivery Route Option 1	Cork	1400	TDR 25m Intervals	551023.41	605235.62	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	587.35	No	No	No	No	No	Tile_02	NA
58	Turbine Delivery Route Option 1	Cork	1425	TDR 25m Intervals	551046.87	605244.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	589.81	No	No	No	No	No	Tile_02	NA
59	Turbine Delivery Route Option 1	Cork	1450	TDR 25m Intervals	551070.33	605252.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	593.32	No	No	No	No	No	Tile_02	NA
60	Turbine Delivery Route Option 1	Cork	1475	TDR 25m Intervals	551093.79	605261.53	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	597.86	No	No	No	No	No	Tile_02	NA
61	Turbine Delivery Route Option 1	Cork	1500	TDR 25m Intervals	551117.07	605270.56	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	602.97	No	No	No	No	No	Tile_02	NA
62	Turbine Delivery Route Option 1	Cork	1525	TDR 25m Intervals	551138.96	605282.64	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	605.78	No	No	No	No	No	Tile_02	NA
63	Turbine Delivery Route Option 1	Cork	1550	TDR 25m Intervals	551160.85	605294.72	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	609.61	No	No	No	No	No	Tile_02	NA
64	Turbine Delivery Route Option 1	Cork	1575	TDR 25m Intervals	551182.74	605306.80	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	614.43	No	No	No	No	No	Tile_02	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
65	Turbine Delivery Route Option 1	Cork	1600	TDR 25m Intervals	551204.62	605318.88	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	620.22	No	No	No	No	No	Tile_02	NA
66	Turbine Delivery Route Option 1	Cork	1625	TDR 25m Intervals	551226.51	605330.96	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	626.95	No	No	No	No	No	Tile_02	NA
67	Turbine Delivery Route Option 1	Cork	1650	TDR 25m Intervals	551248.40	605343.04	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	634.60	No	No	No	No	No	Tile_02	NA
68	Turbine Delivery Route Option 1	Cork	1675	TDR 25m Intervals	551270.29	605355.12	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	643.13	No	No	No	No	No	Tile_02	NA
69	Turbine Delivery Route Option 1	Cork	1700	TDR 25m Intervals	551292.18	605367.20	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	652.51	No	No	No	No	No	Tile_02	NA
70	Turbine Delivery Route Option 1	Cork	1725	TDR 25m Intervals	551314.06	605379.28	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	662.70	No	No	No	No	No	Tile_02	NA
71	Turbine Delivery Route Option 1	Cork	1750	TDR 25m Intervals	551335.95	605391.35	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	671.92	No	No	No	No	No	Tile_02	NA
72	Turbine Delivery Route Option 1	Cork	1775	TDR 25m Intervals	551357.94	605403.24	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	677.59	No	No	No	No	No	Tile_02	NA
73	Turbine Delivery Route Option 1	Cork	1800	TDR 25m Intervals	551380.61	605413.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	685.58	No	No	No	No	No	Tile_02	NA
74	Turbine Delivery Route Option 1	Cork	1825	TDR 25m Intervals	551403.29	605424.30	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	694.37	No	No	No	No	No	Tile_02	NA
75	Turbine Delivery Route Option 1	Cork	1850	TDR 25m Intervals	551425.96	605434.82	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	703.95	No	No	No	No	No	Tile_02	NA
76	Turbine Delivery Route Option 1	Cork	1875	TDR 25m Intervals	551448.64	605445.35	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	714.27	No	No	No	No	No	Tile_02	NA
77	Turbine Delivery Route Option 1	Cork	1900	TDR 25m Intervals	551471.31	605455.88	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	725.31	No	No	No	No	No	Tile_02	NA
78	Turbine Delivery Route Option 1	Cork	1925	TDR 25m Intervals	551493.99	605466.41	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	737.03	No	No	No	No	No	Tile_02	NA
79	Turbine Delivery Route Option 1	Cork	1950	TDR 25m Intervals	551518.64	605469.44	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	755.30	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
80	Turbine Delivery Route Option 1	Cork	1975	TDR 25m Intervals	551543.56	605471.43	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	774.74	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
81	Turbine Delivery Route Option 1	Cork	2000	TDR 25m Intervals	551567.71	605476.89	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	791.98	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
82	Turbine Delivery Route Option 1	Cork	2025	TDR 25m Intervals	551591.14	605485.60	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	807.31	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
83	Turbine Delivery Route Option 1	Cork	2050	TDR 25m Intervals	551612.15	605498.20	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	819.08	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
84	Turbine Delivery Route Option 1	Cork	2075	TDR 25m Intervals	551630.24	605515.45	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	826.65	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
85	Turbine Delivery Route Option 1	Cork	2100	TDR 25m Intervals	551651.04	605526.78	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	839.96	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
86	Turbine Delivery Route Option 1	Cork	2125	TDR 25m Intervals	551675.93	605529.18	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	861.25	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
87	Turbine Delivery Route Option 1	Cork	2150	TDR 25m Intervals	551700.81	605531.57	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	882.73	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
88	Turbine Delivery Route Option 1	Cork	2175	TDR 25m Intervals	551725.70	605533.97	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	904.40	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
89	Turbine Delivery Route Option 1	Cork	2200	TDR 25m Intervals	551750.51	605536.99	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	925.92	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
90	Turbine Delivery Route Option 1	Cork	2225	TDR 25m Intervals	551775.24	605540.61	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	947.31	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
91	Turbine Delivery Route Option 1	Cork	2250	TDR 25m Intervals	551799.93	605543.59	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	969.07	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
92	Turbine Delivery Route Option 1	Cork	2275	TDR 25m Intervals	551823.88	605536.42	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	993.97	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
93	Turbine Delivery Route Option 1	Cork	2300	TDR 25m Intervals	551847.84	605529.26	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1018.89	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
94	Turbine Delivery Route Option 1	Cork	2325	TDR 25m Intervals	551871.79	605522.10	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1043.80	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
95	Turbine Delivery Route Option 1	Cork	2350	TDR 25m Intervals	551895.74	605514.94	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1068.72	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
96	Turbine Delivery Route Option 1	Cork	2375	TDR 25m Intervals	551919.69	605507.77	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1093.65	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
97	Turbine Delivery Route Option 1	Cork	2400	TDR 25m Intervals	551942.94	605506.51	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1115.81	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
98	Turbine Delivery Route Option 1	Cork	2425	TDR 25m Intervals	551964.53	605519.11	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1131.69	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
99	Turbine Delivery Route Option 1	Cork	2450	TDR 25m Intervals	551986.11	605531.72	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1147.89	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
100	Turbine Delivery Route Option 1	Cork	2475	TDR 25m Intervals	552007.70	605544.33	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1164.41	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
101	Turbine Delivery Route Option 1	Cork	2500	TDR 25m Intervals	552029.29	605556.94	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1181.22	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
102	Turbine Delivery Route Option 1	Cork	2525	TDR 25m Intervals	552050.88	605569.54	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1198.32	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
103	Turbine Delivery Route Option 1	Cork	2550	TDR 25m Intervals	552073.06	605563.51	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1221.31	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
104	Turbine Delivery Route Option 1	Cork	2575	TDR 25m Intervals	552095.41	605552.30	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1245.90	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
105	Turbine Delivery Route Option 1	Cork	2600	TDR 25m Intervals	552117.75	605541.09	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1270.51	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
106	Turbine Delivery Route Option 1	Cork	2625	TDR 25m Intervals	552140.10	605529.88	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1295.13	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
107	Turbine Delivery Route Option 1	Cork	2650	TDR 25m Intervals	552162.45	605518.68	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1319.77	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
108	Turbine Delivery Route Option 1	Cork	2675	TDR 25m Intervals	552184.79	605507.47	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1344.42	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
109	Turbine Delivery Route Option 1	Cork	2700	TDR 25m Intervals	552207.14	605496.26	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1369.08	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
110	Turbine Delivery Route Option 1	Cork	2725	TDR 25m Intervals	552229.49	605485.05	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1393.76	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
111	Turbine Delivery Route Option 1	Cork	2750	TDR 25m Intervals	552251.83	605473.84	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1418.45	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
112	Turbine Delivery Route Option 1	Cork	2775	TDR 25m Intervals	552274.18	605462.63	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1443.14	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
113	Turbine Delivery Route Option 1	Cork	2800	TDR 25m Intervals	552296.53	605451.43	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1467.85	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
114	Turbine Delivery Route Option 1	Cork	2825	TDR 25m Intervals	552318.87	605440.22	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1492.57	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
115	Turbine Delivery Route Option 1	Cork	2850	TDR 25m Intervals	552342.92	605433.60	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1517.49	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
116	Turbine Delivery Route Option 1	Cork	2875	TDR 25m Intervals	552367.18	605427.56	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1542.43	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
117	Turbine Delivery Route Option 1	Cork	2900	TDR 25m Intervals	552391.44	605421.52	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1567.38	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
118	Turbine Delivery Route Option 1	Cork	2925	TDR 25m Intervals	552415.70	605415.47	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1592.32	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
119	Turbine Delivery Route Option 1	Cork	2950	TDR 25m Intervals	552439.96	605409.44	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1617.27	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
120	Turbine Delivery Route Option 1	Cork	2975	TDR 25m Intervals	552464.47	605404.72	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1642.06	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
121	Turbine Delivery Route Option 1	Cork	3000	TDR 25m Intervals	552489.24	605401.31	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1666.71	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
122	Turbine Delivery Route Option 1	Cork	3025	TDR 25m Intervals	552514.00	605397.91	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1691.36	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
123	Turbine Delivery Route Option 1	Cork	3050	TDR 25m Intervals	552538.77	605394.50	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1716.02	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
124	Turbine Delivery Route Option 1	Cork	3075	TDR 25m Intervals	552563.54	605391.10	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1740.70	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
125	Turbine Delivery Route Option 1	Cork	3100	TDR 25m Intervals	552588.03	605386.36	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1765.50	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
126	Turbine Delivery Route Option 1	Cork	3125	TDR 25m Intervals	552612.07	605379.52	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1787.45	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
127	Turbine Delivery Route Option 1	Cork	3150	TDR 25m Intervals	552636.12	605372.69	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1801.14	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
128	Turbine Delivery Route Option 1	Cork	3175	TDR 25m Intervals	552660.17	605365.85	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1815.07	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
129	Turbine Delivery Route Option 1	Cork	3200	TDR 25m Intervals	552684.22	605359.02	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1829.23	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
130	Turbine Delivery Route Option 1	Cork	3225	TDR 25m Intervals	552708.26	605352.19	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1843.63	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
131	Turbine Delivery Route Option 1	Cork	3250	TDR 25m Intervals	552732.31	605345.35	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1858.25	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
132	Turbine Delivery Route Option 1	Cork	3275	TDR 25m Intervals	552756.36	605338.52	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1873.09	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
133	Turbine Delivery Route Option 1	Cork	3300	TDR 25m Intervals	552780.41	605331.68	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1888.14	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
134	Turbine Delivery Route Option 1	Cork	3325	TDR 25m Intervals	552804.45	605324.85	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1903.41	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
135	Turbine Delivery Route Option 1	Cork	3350	TDR 25m Intervals	552828.50	605318.01	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1918.87	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
136	Turbine Delivery Route Option 1	Cork	3375	TDR 25m Intervals	552852.55	605311.18	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1934.54	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
137	Turbine Delivery Route Option 1	Cork	3400	TDR 25m Intervals	552876.60	605304.34	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1950.40	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
138	Turbine Delivery Route Option 1	Cork	3425	TDR 25m Intervals	552900.65	605297.51	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1966.46	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
139	Turbine Delivery Route Option 1	Cork	3450	TDR 25m Intervals	552924.69	605290.68	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1982.69	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
140	Turbine Delivery Route Option 1	Cork	3475	TDR 25m Intervals	552948.74	605283.84	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1999.11	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
141	Turbine Delivery Route Option 1	Cork	3500	TDR 25m Intervals	552972.79	605277.01	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2015.71	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
142	Turbine Delivery Route Option 1	Cork	3525	TDR 25m Intervals	552996.84	605270.17	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2032.48	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
143	Turbine Delivery Route Option 1	Cork	3550	TDR 25m Intervals	553021.08	605264.10	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2049.97	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
144	Turbine Delivery Route Option 1	Cork	3575	TDR 25m Intervals	553045.46	605258.58	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2068.03	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
145	Turbine Delivery Route Option 1	Cork	3600	TDR 25m Intervals	553069.85	605253.07	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2086.23	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
146	Turbine Delivery Route Option 1	Cork	3625	TDR 25m Intervals	553094.23	605247.56	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2104.57	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
147	Turbine Delivery Route Option 1	Cork	3650	TDR 25m Intervals	553118.61	605242.04	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2097.89	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
148	Turbine Delivery Route Option 1	Cork	3675	TDR 25m Intervals	553143.00	605236.53	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2080.69	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
149	Turbine Delivery Route Option 1	Cork	3700	TDR 25m Intervals	553167.38	605231.02	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2051.61	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
150	Turbine Delivery Route Option 1	Cork	3725	TDR 25m Intervals	553191.21	605223.55	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2027.43	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
151	Turbine Delivery Route Option 1	Cork	3750	TDR 25m Intervals	553214.78	605215.23	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2003.48	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
152	Turbine Delivery Route Option 1	Cork	3775	TDR 25m Intervals	553238.35	605206.91	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1979.56	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
153	Turbine Delivery Route Option 1	Cork	3800	TDR 25m Intervals	553261.93	605198.59	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1955.67	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
154	Turbine Delivery Route Option 1	Cork	3825	TDR 25m Intervals	553286.62	605194.78	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1930.84	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
155	Turbine Delivery Route Option 1	Cork	3850	TDR 25m Intervals	553311.35	605191.13	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1905.99	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
156	Turbine Delivery Route Option 1	Cork	3875	TDR 25m Intervals	553336.08	605187.49	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1881.14	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
157	Turbine Delivery Route Option 1	Cork	3900	TDR 25m Intervals	553360.82	605183.84	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1856.30	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
158	Turbine Delivery Route Option 1	Cork	3925	TDR 25m Intervals	553385.55	605180.20	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1831.46	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
159	Turbine Delivery Route Option 1	Cork	3950	TDR 25m Intervals	553410.28	605176.55	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1806.62	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
160	Turbine Delivery Route Option 1	Cork	3975	TDR 25m Intervals	553435.02	605172.91	NA	NA	No	NA	BALLYCLOGH STREAM_(	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1781.79	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
161	Turbine Delivery Route Option 1	Cork	4000	TDR 25m Intervals	553459.75	605169.27	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1756.96	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
162	Turbine Delivery Route Option 1	Cork	4025	TDR 25m Intervals	553484.60	605167.47	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1732.07	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
163	Turbine Delivery Route Option 1	Cork	4050	TDR 25m Intervals	553509.59	605167.96	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1707.09	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
164	Turbine Delivery Route Option 1	Cork	4075	TDR 25m Intervals	553534.59	605168.45	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1682.11	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
165	Turbine Delivery Route Option 1	Cork	4100	TDR 25m Intervals	553559.59	605168.94	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1657.14	Yes	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
166	Turbine Delivery Route Option 1	Cork	4125	TDR 25m Intervals	553584.58	605169.42	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1632.16	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
167	Turbine Delivery Route Option 1	Cork	4150	TDR 25m Intervals	553609.58	605169.91	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1607.19	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
168	Turbine Delivery Route Option 1	Cork	4175	TDR 25m Intervals	553634.57	605170.40	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1582.21	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
169	Turbine Delivery Route Option 1	Cork	4200	TDR 25m Intervals	553659.57	605170.89	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1557.24	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
170	Turbine Delivery Route Option 1	Cork	4225	TDR 25m Intervals	553684.56	605171.38	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1532.27	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
171	Turbine Delivery Route Option 1	Cork	4250	TDR 25m Intervals	553709.56	605171.87	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1507.30	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
172	Turbine Delivery Route Option 1	Cork	4275	TDR 25m Intervals	553734.55	605172.36	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1482.33	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
173	Turbine Delivery Route Option 1	Cork	4300	TDR 25m Intervals	553759.55	605172.85	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1457.36	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
174	Turbine Delivery Route Option 1	Cork	4325	TDR 25m Intervals	553784.54	605173.34	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1432.39	Yes	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
175	Turbine Delivery Route Option 1	Cork	4350	TDR 25m Intervals	553809.54	605173.83	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1407.43	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
176	Turbine Delivery Route Option 1	Cork	4375	TDR 25m Intervals	553834.27	605176.62	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1382.82	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
177	Turbine Delivery Route Option 1	Cork	4400	TDR 25m Intervals	553858.73	605181.80	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1358.59	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
178	Turbine Delivery Route Option 1	Cork	4425	TDR 25m Intervals	553883.19	605186.98	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1334.39	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
179	Turbine Delivery Route Option 1	Cork	4450	TDR 25m Intervals	553904.50	605197.19	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1313.63	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
180	Turbine Delivery Route Option 1	Cork	4475	TDR 25m Intervals	553919.91	605216.88	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1299.51	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
181	Turbine Delivery Route Option 1	Cork	4500	TDR 25m Intervals	553937.21	605234.84	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1283.70	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
182	Turbine Delivery Route Option 1	Cork	4525	TDR 25m Intervals	553947.88	605254.05	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1274.90	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
183	Turbine Delivery Route Option 1	Cork	4550	TDR 25m Intervals	553941.07	605278.10	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1284.35	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
184	Turbine Delivery Route Option 1	Cork	4575	TDR 25m Intervals	553934.27	605302.16	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1294.22	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
185	Turbine Delivery Route Option 1	Cork	4600	TDR 25m Intervals	553927.46	605326.21	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1304.49	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
186	Turbine Delivery Route Option 1	Cork	4625	TDR 25m Intervals	553920.66	605350.27	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1315.16	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
187	Turbine Delivery Route Option 1	Cork	4650	TDR 25m Intervals	553913.85	605374.32	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1326.21	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
188	Turbine Delivery Route Option 1	Cork	4675	TDR 25m Intervals	553907.05	605398.38	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1337.64	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
189	Turbine Delivery Route Option 1	Cork	4700	TDR 25m Intervals	553900.24	605422.44	NA	NA	No	NA	BALLYCLOGH STREAM_	Blackwater[Munster]_SC_(	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1349.43	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
190	Turbine Delivery Route Option 1	Cork	4725	TDR 25m Intervals	553893.44	605446.49	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1363.52	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
191	Turbine Delivery Route Option 1	Cork	4750	TDR 25m Intervals	553886.63	605470.55	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1351.72	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
192	Turbine Delivery Route Option 1	Cork	4775	TDR 25m Intervals	553879.83	605494.61	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1340.28	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
193	Turbine Delivery Route Option 1	Cork	4800	TDR 25m Intervals	553873.02	605518.66	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1329.21	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
194	Turbine Delivery Route Option 1	Cork	4825	TDR 25m Intervals	553866.22	605542.72	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1318.53	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
195	Turbine Delivery Route Option 1	Cork	4850	TDR 25m Intervals	553859.41	605566.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1308.23	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
196	Turbine Delivery Route Option 1	Cork	4875	TDR 25m Intervals	553852.61	605590.83	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1298.34	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
197	Turbine Delivery Route Option 1	Cork	4900	TDR 25m Intervals	553845.80	605614.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1288.85	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
198	Turbine Delivery Route Option 1	Cork	4925	TDR 25m Intervals	553839.00	605638.94	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1279.78	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
199	Turbine Delivery Route Option 1	Cork	4950	TDR 25m Intervals	553832.19	605663.00	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1271.14	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
200	Turbine Delivery Route Option 1	Cork	4975	TDR 25m Intervals	553825.39	605687.05	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1262.94	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
201	Turbine Delivery Route Option 1	Cork	5000	TDR 25m Intervals	553818.58	605711.11	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1255.18	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
202	Turbine Delivery Route Option 1	Cork	5025	TDR 25m Intervals	553811.78	605735.17	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1247.87	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
203	Turbine Delivery Route Option 1	Cork	5050	TDR 25m Intervals	553800.54	605757.35	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1245.80	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
204	Turbine Delivery Route Option 1	Cork	5075	TDR 25m Intervals	553788.02	605778.99	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1245.59	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
205	Turbine Delivery Route Option 1	Cork	5100	TDR 25m Intervals	553775.50	605800.63	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1245.88	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
206	Turbine Delivery Route Option 1	Cork	5125	TDR 25m Intervals	553762.99	605822.27	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1246.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
207	Turbine Delivery Route Option 1	Cork	5150	TDR 25m Intervals	553750.47	605843.91	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1247.97	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
208	Turbine Delivery Route Option 1	Cork	5175	TDR 25m Intervals	553737.95	605865.55	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1249.77	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
209	Turbine Delivery Route Option 1	Cork	5200	TDR 25m Intervals	553725.43	605887.19	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1252.06	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
210	Turbine Delivery Route Option 1	Cork	5225	TDR 25m Intervals	553712.92	605908.83	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1254.84	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
211	Turbine Delivery Route Option 1	Cork	5250	TDR 25m Intervals	553700.40	605930.47	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1258.12	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
212	Turbine Delivery Route Option 1	Cork	5275	TDR 25m Intervals	553687.88	605952.11	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1261.88	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
213	Turbine Delivery Route Option 1	Cork	5300	TDR 25m Intervals	553676.09	605974.12	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1265.32	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
214	Turbine Delivery Route Option 1	Cork	5325	TDR 25m Intervals	553665.93	605996.97	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1267.42	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
215	Turbine Delivery Route Option 1	Cork	5350	TDR 25m Intervals	553655.78	606019.81	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1270.02	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
216	Turbine Delivery Route Option 1	Cork	5375	TDR 25m Intervals	553645.62	606042.65	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1273.10	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
217	Turbine Delivery Route Option 1	Cork	5400	TDR 25m Intervals	553635.46	606065.50	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1276.66	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
218	Turbine Delivery Route Option 1	Cork	5425	TDR 25m Intervals	553625.31	606088.34	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1280.70	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
219	Turbine Delivery Route Option 1	Cork	5450	TDR 25m Intervals	553615.15	606111.19	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1285.21	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
220	Turbine Delivery Route Option 1	Cork	5475	TDR 25m Intervals	553604.99	606134.03	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1290.19	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
221	Turbine Delivery Route Option 1	Cork	5500	TDR 25m Intervals	553594.84	606156.87	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1295.64	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
222	Turbine Delivery Route Option 1	Cork	5525	TDR 25m Intervals	553584.68	606179.72	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1298.44	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
223	Turbine Delivery Route Option 1	Cork	5550	TDR 25m Intervals	553574.53	606202.56	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1274.83	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
224	Turbine Delivery Route Option 1	Cork	5575	TDR 25m Intervals	553568.29	606226.44	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1256.37	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
225	Turbine Delivery Route Option 1	Cork	5600	TDR 25m Intervals	553565.88	606251.32	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1225.53	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
226	Turbine Delivery Route Option 1	Cork	5625	TDR 25m Intervals	553563.46	606276.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1200.53	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
227	Turbine Delivery Route Option 1	Cork	5650	TDR 25m Intervals	553565.28	606301.03	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1175.92	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
228	Turbine Delivery Route Option 1	Cork	5675	TDR 25m Intervals	553568.38	606325.84	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1151.44	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
229	Turbine Delivery Route Option 1	Cork	5700	TDR 25m Intervals	553571.48	606350.64	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1126.99	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
230	Turbine Delivery Route Option 1	Cork	5725	TDR 25m Intervals	553574.58	606375.45	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1102.57	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
231	Turbine Delivery Route Option 1	Cork	5750	TDR 25m Intervals	553577.68	606400.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1078.16	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
232	Turbine Delivery Route Option 1	Cork	5775	TDR 25m Intervals	553582.70	606424.66	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1054.40	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
233	Turbine Delivery Route Option 1	Cork	5800	TDR 25m Intervals	553589.98	606448.57	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1031.42	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
234	Turbine Delivery Route Option 1	Cork	5825	TDR 25m Intervals	553597.27	606472.49	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1008.54	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
235	Turbine Delivery Route Option 1	Cork	5850	TDR 25m Intervals	553604.55	606496.40	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	985.77	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
236	Turbine Delivery Route Option 1	Cork	5875	TDR 25m Intervals	553611.84	606520.32	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	963.10	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
237	Turbine Delivery Route Option 1	Cork	5900	TDR 25m Intervals	553619.12	606544.23	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	940.56	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
238	Turbine Delivery Route Option 1	Cork	5925	TDR 25m Intervals	553626.40	606568.15	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	918.14	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
239	Turbine Delivery Route Option 1	Cork	5950	TDR 25m Intervals	553633.69	606592.06	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	895.85	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
240	Turbine Delivery Route Option 1	Cork	5975	TDR 25m Intervals	553640.97	606615.98	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	873.72	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
241	Turbine Delivery Route Option 1	Cork	6000	TDR 25m Intervals	553653.31	606637.17	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	855.47	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
242	Turbine Delivery Route Option 1	Cork	6025	TDR 25m Intervals	553669.30	606656.39	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	840.30	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
243	Turbine Delivery Route Option 1	Cork	6050	TDR 25m Intervals	553685.29	606675.60	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	825.62	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
244	Turbine Delivery Route Option 1	Cork	6075	TDR 25m Intervals	553701.28	606694.82	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	811.44	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
245	Turbine Delivery Route Option 1	Cork	6100	TDR 25m Intervals	553717.27	606714.04	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	797.80	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
246	Turbine Delivery Route Option 1	Cork	6125	TDR 25m Intervals	553733.26	606733.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	784.71	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
247	Turbine Delivery Route Option 1	Cork	6150	TDR 25m Intervals	553749.25	606752.47	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	772.21	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
248	Turbine Delivery Route Option 1	Cork	6175	TDR 25m Intervals	553765.24	606771.69	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	760.33	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
249	Turbine Delivery Route Option 1	Cork	6200	TDR 25m Intervals	553781.23	606790.91	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	749.10	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
250	Turbine Delivery Route Option 1	Cork	6225	TDR 25m Intervals	553797.22	606810.13	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	738.54	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
251	Turbine Delivery Route Option 1	Cork	6250	TDR 25m Intervals	553808.22	606832.28	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	723.76	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
252	Turbine Delivery Route Option 1	Cork	6275	TDR 25m Intervals	553817.27	606855.59	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	707.57	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
253	Turbine Delivery Route Option 1	Cork	6300	TDR 25m Intervals	553826.31	606878.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	691.91	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
254	Turbine Delivery Route Option 1	Cork	6325	TDR 25m Intervals	553835.36	606902.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	676.81	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
255	Turbine Delivery Route Option 1	Cork	6350	TDR 25m Intervals	553844.40	606925.51	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	662.31	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
256	Turbine Delivery Route Option 1	Cork	6375	TDR 25m Intervals	553853.44	606948.81	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	648.45	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
257	Turbine Delivery Route Option 1	Cork	6400	TDR 25m Intervals	553862.49	606972.12	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	635.28	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer
258	Turbine Delivery Route Option 1	Cork	6425	TDR 25m Intervals	553871.54	606995.42	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	622.83	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
259	Turbine Delivery Route Option 1	Cork	6450	TDR 25m Intervals	553880.58	607018.73	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	611.14	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
260	Turbine Delivery Route Option 1	Cork	6475	TDR 25m Intervals	553894.77	607038.74	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	606.23	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
261	Turbine Delivery Route Option 1	Cork	6500	TDR 25m Intervals	553912.17	607056.69	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	606.02	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
262	Turbine Delivery Route Option 1	Cork	6525	TDR 25m Intervals	553929.58	607074.63	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	606.85	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
263	Turbine Delivery Route Option 1	Cork	6550	TDR 25m Intervals	553947.47	607091.90	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	609.51	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
264	Turbine Delivery Route Option 1	Cork	6575	TDR 25m Intervals	553970.02	607102.69	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	620.76	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
265	Turbine Delivery Route Option 1	Cork	6600	TDR 25m Intervals	553992.57	607113.48	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	632.81	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
266	Turbine Delivery Route Option 1	Cork	6625	TDR 25m Intervals	554015.12	607124.27	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	645.60	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
267	Turbine Delivery Route Option 1	Cork	6650	TDR 25m Intervals	554034.21	607139.66	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	653.77	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
268	Turbine Delivery Route Option 1	Cork	6675	TDR 25m Intervals	554050.80	607158.36	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	658.95	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
269	Turbine Delivery Route Option 1	Cork	6700	TDR 25m Intervals	554066.20	607177.90	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	663.61	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
270	Turbine Delivery Route Option 1	Cork	6725	TDR 25m Intervals	554078.08	607199.90	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	664.93	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
271	Turbine Delivery Route Option 1	Cork	6750	TDR 25m Intervals	554089.95	607221.90	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	667.18	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
272	Turbine Delivery Route Option 1	Cork	6775	TDR 25m Intervals	554101.83	607243.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	670.36	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
273	Turbine Delivery Route Option 1	Cork	6800	TDR 25m Intervals	554116.69	607262.84	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	678.23	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
274	Turbine Delivery Route Option 1	Cork	6825	TDR 25m Intervals	554138.94	607274.23	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	696.09	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
275	Turbine Delivery Route Option 1	Cork	6850	TDR 25m Intervals	554161.20	607285.61	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	714.38	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
276	Turbine Delivery Route Option 1	Cork	6875	TDR 25m Intervals	554184.69	607293.72	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	735.05	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
277	Turbine Delivery Route Option 1	Cork	6900	TDR 25m Intervals	554208.93	607299.82	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	757.17	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
278	Turbine Delivery Route Option 1	Cork	6925	TDR 25m Intervals	554233.18	607305.92	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	779.47	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
279	Turbine Delivery Route Option 1	Cork	6950	TDR 25m Intervals	554254.77	607317.03	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	798.33	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
280	Turbine Delivery Route Option 1	Cork	6975	TDR 25m Intervals	554273.46	607333.63	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	813.66	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
281	Turbine Delivery Route Option 1	Cork	7000	TDR 25m Intervals	554292.15	607350.24	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	811.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
282	Turbine Delivery Route Option 1	Cork	7025	TDR 25m Intervals	554309.07	607368.00	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	787.46	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
283	Turbine Delivery Route Option 1	Cork	7050	TDR 25m Intervals	554316.79	607391.78	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	763.29	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
284	Turbine Delivery Route Option 1	Cork	7075	TDR 25m Intervals	554324.50	607415.56	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	739.18	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
285	Turbine Delivery Route Option 1	Cork	7100	TDR 25m Intervals	554332.22	607439.34	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	715.13	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
286	Turbine Delivery Route Option 1	Cork	7125	TDR 25m Intervals	554333.90	607463.75	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	694.07	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
287	Turbine Delivery Route Option 1	Cork	7150	TDR 25m Intervals	554331.31	607488.62	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	675.42	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
288	Turbine Delivery Route Option 1	Cork	7175	TDR 25m Intervals	554328.72	607513.48	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	657.19	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
289	Turbine Delivery Route Option 1	Cork	7200	TDR 25m Intervals	554312.13	607531.65	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	653.53	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
290	Turbine Delivery Route Option 1	Cork	7225	TDR 25m Intervals	554294.40	607549.28	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	651.95	No	No	No	No	No	Tile_03	NA
291	Turbine Delivery Route Option 1	Cork	7250	TDR 25m Intervals	554276.67	607566.91	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	651.33	No	No	No	No	No	Tile_03	NA
292	Turbine Delivery Route Option 1	Cork	7275	TDR 25m Intervals	554255.26	607579.68	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	657.68	No	No	No	No	No	Tile_03	NA
293	Turbine Delivery Route Option 1	Cork	7300	TDR 25m Intervals	554233.53	607592.04	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	665.41	No	No	No	No	No	Tile_03	NA
294	Turbine Delivery Route Option 1	Cork	7325	TDR 25m Intervals	554211.80	607604.40	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	673.98	No	No	No	No	No	Tile_03	NA
295	Turbine Delivery Route Option 1	Cork	7350	TDR 25m Intervals	554190.06	607616.76	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	683.36	No	No	No	No	No	Tile_03	NA
296	Turbine Delivery Route Option 1	Cork	7375	TDR 25m Intervals	554168.33	607629.12	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	693.52	No	No	No	No	No	Tile_03	NA
297	Turbine Delivery Route Option 1	Cork	7400	TDR 25m Intervals	554146.60	607641.48	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	695.45	No	No	No	No	No	Tile_03	NA
298	Turbine Delivery Route Option 1	Cork	7425	TDR 25m Intervals	554124.87	607653.84	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	677.58	No	No	No	No	No	Tile_03	NA
299	Turbine Delivery Route Option 1	Cork	7450	TDR 25m Intervals	554103.14	607666.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	660.17	No	No	No	No	No	Tile_03	NA
300	Turbine Delivery Route Option 1	Cork	7475	TDR 25m Intervals	554081.41	607678.56	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	643.26	No	No	No	No	No	Tile_03	NA
301	Turbine Delivery Route Option 1	Cork	7500	TDR 25m Intervals	554059.91	607691.25	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	627.22	No	No	No	No	No	Tile_03	NA
302	Turbine Delivery Route Option 1	Cork	7525	TDR 25m Intervals	554041.26	607707.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	615.92	No	No	No	No	No	Tile_03	NA
303	Turbine Delivery Route Option 1	Cork	7550	TDR 25m Intervals	554022.60	607724.53	NA	NA	Yes	AWBEG (Buttevant)_030	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	605.44	No	No	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
304	Turbine Delivery Route Option 1	Cork	7575	TDR 25m Intervals	554010.27	607745.36	NA	NA	Yes	AWBEG (Buttevant)_030	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	603.35	No	No	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
305	Turbine Delivery Route Option 1	Cork		TDR_WCC_101	554006.54	607757.46	WCC		Yes	AWBEG (Buttevant)_030	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	603.35	No	No	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
306	Turbine Delivery Route Option 1	Cork	7600	TDR 25m Intervals	554002.26	607769.04	NA	NA	Yes	AWBEG (Buttevant)_030	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	607.39	No	No	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
307	Turbine Delivery Route Option 1	Cork	7625	TDR 25m Intervals	553994.24	607792.72	NA	NA	Yes	AWBEG (Buttevant)_030	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	612.43	No	No	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
308	Turbine Delivery Route Option 1	Cork	7650	TDR 25m Intervals	553993.49	607816.78	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	624.70	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
309	Turbine Delivery Route Option 1	Cork	7675	TDR 25m Intervals	553998.97	607841.17	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	642.94	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
310	Turbine Delivery Route Option 1	Cork	7700	TDR 25m Intervals	554004.46	607865.56	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	661.62	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
311	Turbine Delivery Route Option 1	Cork	7725	TDR 25m Intervals	554009.94	607889.96	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	680.71	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
312	Turbine Delivery Route Option 1	Cork	7750	TDR 25m Intervals	554015.42	607914.35	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	700.17	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
313	Turbine Delivery Route Option 1	Cork	7775	TDR 25m Intervals	554020.91	607938.74	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	719.97	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
314	Turbine Delivery Route Option 1	Cork	7800	TDR 25m Intervals	554026.39	607963.13	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	710.16	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
315	Turbine Delivery Route Option 1	Cork	7825	TDR 25m Intervals	554031.87	607987.52	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	702.76	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
316	Turbine Delivery Route Option 1	Cork	7850	TDR 25m Intervals	554033.88	608012.13	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	699.65	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
317	Turbine Delivery Route Option 1	Cork	7875	TDR 25m Intervals	554031.51	608037.02	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	701.78	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
318	Turbine Delivery Route Option 1	Cork	7900	TDR 25m Intervals	554029.14	608061.91	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	704.79	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
319	Turbine Delivery Route Option 1	Cork	7925	TDR 25m Intervals	554026.77	608086.79	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	708.67	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
320	Turbine Delivery Route Option 1	Cork	7950	TDR 25m Intervals	554020.29	608110.39	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	717.34	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
321	Turbine Delivery Route Option 1	Cork	7975	TDR 25m Intervals	554007.97	608132.14	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	732.27	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
322	Turbine Delivery Route Option 1	Cork	8000	TDR 25m Intervals	553995.65	608153.90	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	747.73	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
323	Turbine Delivery Route Option 1	Cork	8025	TDR 25m Intervals	553983.33	608175.65	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	763.70	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
324	Turbine Delivery Route Option 1	Cork	8050	TDR 25m Intervals	553971.01	608197.40	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	780.14	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
325	Turbine Delivery Route Option 1	Cork	8075	TDR 25m Intervals	553958.69	608219.16	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	797.03	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
326	Turbine Delivery Route Option 1	Cork	8100	TDR 25m Intervals	553946.37	608240.91	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	814.34	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
327	Turbine Delivery Route Option 1	Cork	8125	TDR 25m Intervals	553934.05	608262.66	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	832.03	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
328	Turbine Delivery Route Option 1	Cork	8150	TDR 25m Intervals	553921.73	608284.42	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	850.10	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
329	Turbine Delivery Route Option 1	Cork	8175	TDR 25m Intervals	553912.77	608307.34	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	865.70	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
330	Turbine Delivery Route Option 1	Cork	8200	TDR 25m Intervals	553908.83	608332.03	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	877.58	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
331	Turbine Delivery Route Option 1	Cork	8225	TDR 25m Intervals	553904.89	608356.72	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	890.01	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
332	Turbine Delivery Route Option 1	Cork	8250	TDR 25m Intervals	553900.96	608381.41	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	902.96	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
333	Turbine Delivery Route Option 1	Cork	8275	TDR 25m Intervals	553897.02	608406.10	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	916.41	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
334	Turbine Delivery Route Option 1	Cork	8300	TDR 25m Intervals	553902.64	608430.06	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	921.40	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
335	Turbine Delivery Route Option 1	Cork	8325	TDR 25m Intervals	553910.25	608453.87	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	925.17	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
336	Turbine Delivery Route Option 1	Cork	8350	TDR 25m Intervals	553917.87	608477.68	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	929.60	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
337	Turbine Delivery Route Option 1	Cork	8375	TDR 25m Intervals	553925.49	608501.49	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	934.67	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
338	Turbine Delivery Route Option 1	Cork	8400	TDR 25m Intervals	553933.11	608525.31	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	940.38	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
339	Turbine Delivery Route Option 1	Cork	8425	TDR 25m Intervals	553943.84	608547.67	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	943.33	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
340	Turbine Delivery Route Option 1	Cork	8450	TDR 25m Intervals	553957.14	608568.83	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	944.11	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
341	Turbine Delivery Route Option 1	Cork	8475	TDR 25m Intervals	553970.45	608590.00	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	945.55	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
342	Turbine Delivery Route Option 1	Cork	8500	TDR 25m Intervals	553983.75	608611.17	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	947.66	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
343	Turbine Delivery Route Option 1	Cork	8525	TDR 25m Intervals	553997.06	608632.33	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	950.41	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
344	Turbine Delivery Route Option 1	Cork	8550	TDR 25m Intervals	554014.54	608649.81	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	948.24	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
345	Turbine Delivery Route Option 1	Cork	8575	TDR 25m Intervals	554033.91	608665.60	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	944.18	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
346	Turbine Delivery Route Option 1	Cork	8600	TDR 25m Intervals	554053.29	608681.40	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	940.76	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
347	Turbine Delivery Route Option 1	Cork	8625	TDR 25m Intervals	554072.67	608697.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	938.00	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
348	Turbine Delivery Route Option 1	Cork	8650	TDR 25m Intervals	554094.72	608708.55	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	930.83	No	No	No	No	No	Tile_03	NA
349	Turbine Delivery Route Option 1	Cork	8675	TDR 25m Intervals	554117.74	608718.31	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	922.44	No	No	No	No	No	Tile_03	NA
350	Turbine Delivery Route Option 1	Cork	8700	TDR 25m Intervals	554140.75	608728.08	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	914.67	No	No	No	No	No	Tile_03	NA
351	Turbine Delivery Route Option 1	Cork	8725	TDR 25m Intervals	554163.76	608737.85	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	907.52	No	No	No	No	No	Tile_03	NA
352	Turbine Delivery Route Option 1	Cork	8750	TDR 25m Intervals	554175.31	608758.38	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	916.51	No	No	No	No	No	Tile_03	NA
353	Turbine Delivery Route Option 1	Cork	8775	TDR 25m Intervals	554183.59	608781.96	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	930.42	No	No	No	No	No	Tile_03	NA
354	Turbine Delivery Route Option 1	Cork	8800	TDR 25m Intervals	554191.87	608805.55	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	944.79	No	No	No	No	No	Tile_03	NA
355	Turbine Delivery Route Option 1	Cork	8825	TDR 25m Intervals	554200.16	608829.14	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	959.59	No	No	No	No	No	Tile_03	NA
356	Turbine Delivery Route Option 1	Cork	8850	TDR 25m Intervals	554208.44	608852.73	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	974.81	No	No	No	No	No	Tile_03	NA
357	Turbine Delivery Route Option 1	Cork	8875	TDR 25m Intervals	554210.64	608877.52	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	994.64	No	No	No	No	No	Tile_03	NA
358	Turbine Delivery Route Option 1	Cork	8900	TDR 25m Intervals	554212.01	608902.49	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1015.27	No	No	No	No	No	Tile_03	NA
359	Turbine Delivery Route Option 1	Cork	8925	TDR 25m Intervals	554213.37	608927.45	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1036.09	No	No	No	No	No	Tile_03	NA
360	Turbine Delivery Route Option 1	Cork	8950	TDR 25m Intervals	554214.73	608952.41	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1057.09	No	No	No	No	No	Tile_03	NA
361	Turbine Delivery Route Option 1	Cork	8975	TDR 25m Intervals	554216.10	608977.37	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1078.26	No	No	No	No	No	Tile_03	NA
362	Turbine Delivery Route Option 1	Cork	9000	TDR 25m Intervals	554217.46	609002.34	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1099.59	No	No	No	No	No	Tile_03	NA
363	Turbine Delivery Route Option 1	Cork	9025	TDR 25m Intervals	554218.82	609027.30	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1121.08	No	No	No	No	No	Tile_03	NA
364	Turbine Delivery Route Option 1	Cork	9050	TDR 25m Intervals	554220.19	609052.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1142.70	No	No	No	No	No	Tile_03	NA
365	Turbine Delivery Route Option 1	Cork	9075	TDR 25m Intervals	554221.55	609077.23	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1164.47	No	No	No	No	No	Tile_03	NA
366	Turbine Delivery Route Option 1	Cork	9100	TDR 25m Intervals	554222.91	609102.19	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1186.36	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
367	Turbine Delivery Route Option 1	Cork	9125	TDR 25m Intervals	554224.28	609127.15	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1208.37	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
368	Turbine Delivery Route Option 1	Cork	9150	TDR 25m Intervals	554225.64	609152.11	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1230.50	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
369	Turbine Delivery Route Option 1	Cork	9175	TDR 25m Intervals	554227.00	609177.08	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1252.73	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
370	Turbine Delivery Route Option 1	Cork	9200	TDR 25m Intervals	554228.37	609202.04	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1275.07	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
371	Turbine Delivery Route Option 1	Cork	9225	TDR 25m Intervals	554229.73	609227.00	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1297.50	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
372	Turbine Delivery Route Option 1	Cork	9250	TDR 25m Intervals	554231.09	609251.97	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1320.03	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
373	Turbine Delivery Route Option 1	Cork	9275	TDR 25m Intervals	554232.45	609276.93	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1342.64	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
374	Turbine Delivery Route Option 1	Cork	9300	TDR 25m Intervals	554233.82	609301.89	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1365.34	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
375	Turbine Delivery Route Option 1	Cork	9325	TDR 25m Intervals	554235.18	609326.85	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1388.12	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
376	Turbine Delivery Route Option 1	Cork	9350	TDR 25m Intervals	554236.55	609351.82	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1410.97	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
377	Turbine Delivery Route Option 1	Cork	9375	TDR 25m Intervals	554237.91	609376.78	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1433.89	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer
378	Turbine Delivery Route Option 1	Cork	9400	TDR 25m Intervals	554239.27	609401.74	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1456.88	No	No	Blackwater River (C	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
379	Turbine Delivery Route Option 1	Cork	9425	TDR 25m Intervals	554240.63	609426.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1479.94	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
380	Turbine Delivery Route Option 1	Cork	9450	TDR 25m Intervals	554242.00	609451.67	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1503.06	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
381	Turbine Delivery Route Option 1	Cork	9475	TDR 25m Intervals	554243.36	609476.63	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1526.24	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
382	Turbine Delivery Route Option 1	Cork	9500	TDR 25m Intervals	554244.72	609501.59	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1549.48	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
383	Turbine Delivery Route Option 1	Cork	9525	TDR 25m Intervals	554246.09	609526.56	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1572.77	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
384	Turbine Delivery Route Option 1	Cork	9550	TDR 25m Intervals	554247.45	609551.52	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1596.11	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
385	Turbine Delivery Route Option 1	Cork	9575	TDR 25m Intervals	554248.81	609576.48	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1619.50	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
386	Turbine Delivery Route Option 1	Cork	9600	TDR 25m Intervals	554250.18	609601.45	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1642.94	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
387	Turbine Delivery Route Option 1	Cork	9625	TDR 25m Intervals	554251.54	609626.41	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1666.42	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
388	Turbine Delivery Route Option 1	Cork	9650	TDR 25m Intervals	554252.90	609651.37	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1689.95	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
389	Turbine Delivery Route Option 1	Cork	9675	TDR 25m Intervals	554254.27	609676.33	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1713.52	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
390	Turbine Delivery Route Option 1	Cork	9700	TDR 25m Intervals	554255.63	609701.30	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1737.13	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
391	Turbine Delivery Route Option 1	Cork	9725	TDR 25m Intervals	554256.99	609726.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1733.15	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
392	Turbine Delivery Route Option 1	Cork	9750	TDR 25m Intervals	554258.36	609751.22	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1728.81	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
393	Turbine Delivery Route Option 1	Cork	9775	TDR 25m Intervals	554259.72	609776.19	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1724.82	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
394	Turbine Delivery Route Option 1	Cork	9800	TDR 25m Intervals	554261.08	609801.15	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1721.18	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
395	Turbine Delivery Route Option 1	Cork		TDR_WCC_102	554265.38	609807.48	WCC		Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1721.18	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
396	Turbine Delivery Route Option 1	Cork	9825	TDR 25m Intervals	554262.44	609826.11	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1717.90	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
397	Turbine Delivery Route Option 1	Cork	9850	TDR 25m Intervals	554265.15	609850.94	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1713.64	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
398	Turbine Delivery Route Option 1	Cork	9875	TDR 25m Intervals	554268.54	609875.72	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1709.07	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
399	Turbine Delivery Route Option 1	Cork	9900	TDR 25m Intervals	554271.92	609900.49	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1704.85	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
400	Turbine Delivery Route Option 1	Cork	9925	TDR 25m Intervals	554275.30	609925.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1700.98	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
401	Turbine Delivery Route Option 1	Cork	9950	TDR 25m Intervals	554278.68	609950.03	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1697.48	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer Within Blackwater River (Cork/Waterford) SAC Buffer
402	Turbine Delivery Route Option 1	Cork	9975	TDR 25m Intervals	554283.61	609974.35	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1692.78	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
403	Turbine Delivery Route Option 1	Cork	10000	TDR 25m Intervals	554293.90	609997.14	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1683.03	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
404	Turbine Delivery Route Option 1	Cork	10025	TDR 25m Intervals	554304.19	610019.92	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1673.59	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
405	Turbine Delivery Route Option 1	Cork	10050	TDR 25m Intervals	554314.49	610042.70	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1664.48	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
406	Turbine Delivery Route Option 1	Cork	10075	TDR 25m Intervals	554325.60	610065.02	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1654.84	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
407	Turbine Delivery Route Option 1	Cork	10100	TDR 25m Intervals	554339.99	610085.46	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1642.10	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
408	Turbine Delivery Route Option 1	Cork	10125	TDR 25m Intervals	554354.37	610105.91	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1629.64	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
409	Turbine Delivery Route Option 1	Cork	10150	TDR 25m Intervals	554365.69	610127.86	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1620.70	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
410	Turbine Delivery Route Option 1	Cork	10175	TDR 25m Intervals	554373.04	610151.75	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1616.27	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
411	Turbine Delivery Route Option 1	Cork	10200	TDR 25m Intervals	554380.39	610175.65	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1612.21	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
412	Turbine Delivery Route Option 1	Cork	10225	TDR 25m Intervals	554385.14	610199.87	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1611.14	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
413	Turbine Delivery Route Option 1	Cork	10250	TDR 25m Intervals	554383.96	610224.84	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1616.43	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
414	Turbine Delivery Route Option 1	Cork	10275	TDR 25m Intervals	554382.79	610249.82	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1622.08	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
415	Turbine Delivery Route Option 1	Cork	10300	TDR 25m Intervals	554381.61	610274.79	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1628.09	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
416	Turbine Delivery Route Option 1	Cork	10325	TDR 25m Intervals	554380.44	610299.76	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1634.47	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
417	Turbine Delivery Route Option 1	Cork	10350	TDR 25m Intervals	554379.27	610324.73	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1641.20	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
418	Turbine Delivery Route Option 1	Cork	10375	TDR 25m Intervals	554378.09	610349.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1648.29	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
419	Turbine Delivery Route Option 1	Cork	10400	TDR 25m Intervals	554376.92	610374.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1655.72	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
420	Turbine Delivery Route Option 1	Cork	10425	TDR 25m Intervals	554375.74	610399.65	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1663.49	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
421	Turbine Delivery Route Option 1	Cork	10450	TDR 25m Intervals	554374.56	610424.62	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1671.60	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
422	Turbine Delivery Route Option 1	Cork	10475	TDR 25m Intervals	554373.39	610449.59	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1680.05	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
423	Turbine Delivery Route Option 1	Cork	10500	TDR 25m Intervals	554372.21	610474.57	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1688.82	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
424	Turbine Delivery Route Option 1	Cork	10525	TDR 25m Intervals	554371.04	610499.54	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1697.92	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
425	Turbine Delivery Route Option 1	Cork	10550	TDR 25m Intervals	554369.86	610524.51	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1707.33	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
426	Turbine Delivery Route Option 1	Cork	10575	TDR 25m Intervals	554368.69	610549.48	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1717.06	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
427	Turbine Delivery Route Option 1	Cork	10600	TDR 25m Intervals	554367.52	610574.46	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1727.09	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
428	Turbine Delivery Route Option 1	Cork	10625	TDR 25m Intervals	554366.34	610599.43	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1737.42	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
429	Turbine Delivery Route Option 1	Cork	10650	TDR 25m Intervals	554365.17	610624.40	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1748.06	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
430	Turbine Delivery Route Option 1	Cork	10675	TDR 25m Intervals	554363.99	610649.37	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1758.98	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
431	Turbine Delivery Route Option 1	Cork	10700	TDR 25m Intervals	554362.81	610674.35	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1770.19	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
432	Turbine Delivery Route Option 1	Cork	10725	TDR 25m Intervals	554361.64	610699.32	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1781.68	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
433	Turbine Delivery Route Option 1	Cork	10750	TDR 25m Intervals	554360.46	610724.29	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1793.44	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
434	Turbine Delivery Route Option 1	Cork	10775	TDR 25m Intervals	554359.29	610749.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1805.48	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
435	Turbine Delivery Route Option 1	Cork	10800	TDR 25m Intervals	554360.16	610774.21	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1815.94	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
436	Turbine Delivery Route Option 1	Cork	10825	TDR 25m Intervals	554362.07	610799.13	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1825.75	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
437	Turbine Delivery Route Option 1	Cork	10850	TDR 25m Intervals	554363.99	610824.06	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1835.85	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
438	Turbine Delivery Route Option 1	Cork	10875	TDR 25m Intervals	554365.91	610848.98	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1846.24	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
439	Turbine Delivery Route Option 1	Cork	10900	TDR 25m Intervals	554367.83	610873.91	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1856.90	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
440	Turbine Delivery Route Option 1	Cork	10925	TDR 25m Intervals	554375.80	610897.58	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1861.98	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
441	Turbine Delivery Route Option 1	Cork	10950	TDR 25m Intervals	554383.99	610921.20	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1867.18	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
442	Turbine Delivery Route Option 1	Cork	10975	TDR 25m Intervals	554392.18	610944.82	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1872.70	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
443	Turbine Delivery Route Option 1	Cork	11000	TDR 25m Intervals	554400.36	610968.44	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1878.53	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
444	Turbine Delivery Route Option 1	Cork	11025	TDR 25m Intervals	554408.55	610992.06	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1884.68	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
445	Turbine Delivery Route Option 1	Cork	11050	TDR 25m Intervals	554416.74	611015.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1891.14	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
446	Turbine Delivery Route Option 1	Cork	11075	TDR 25m Intervals	554424.93	611039.30	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1897.91	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
447	Turbine Delivery Route Option 1	Cork	11100	TDR 25m Intervals	554433.12	611062.93	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1904.98	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
448	Turbine Delivery Route Option 1	Cork	11125	TDR 25m Intervals	554441.30	611086.55	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1912.35	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
449	Turbine Delivery Route Option 1	Cork	11150	TDR 25m Intervals	554449.49	611110.17	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1920.02	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
450	Turbine Delivery Route Option 1	Cork	11175	TDR 25m Intervals	554459.07	611133.24	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1926.55	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
451	Turbine Delivery Route Option 1	Cork	11200	TDR 25m Intervals	554469.01	611156.19	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1933.01	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
452	Turbine Delivery Route Option 1	Cork	11225	TDR 25m Intervals	554478.95	611179.13	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1939.78	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
453	Turbine Delivery Route Option 1	Cork	11250	TDR 25m Intervals	554488.88	611202.07	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1946.85	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
454	Turbine Delivery Route Option 1	Cork	11275	TDR 25m Intervals	554498.82	611225.01	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1954.21	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
455	Turbine Delivery Route Option 1	Cork	11300	TDR 25m Intervals	554508.76	611247.95	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1961.86	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
456	Turbine Delivery Route Option 1	Cork	11325	TDR 25m Intervals	554518.69	611270.89	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1969.80	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
457	Turbine Delivery Route Option 1	Cork	11350	TDR 25m Intervals	554528.63	611293.83	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1978.03	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
458	Turbine Delivery Route Option 1	Cork	11375	TDR 25m Intervals	554538.56	611316.77	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1986.53	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
459	Turbine Delivery Route Option 1	Cork	11400	TDR 25m Intervals	554548.50	611339.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1995.31	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
460	Turbine Delivery Route Option 1	Cork	11425	TDR 25m Intervals	554558.44	611362.65	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2004.37	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
461	Turbine Delivery Route Option 1	Cork	11450	TDR 25m Intervals	554566.07	611386.36	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2015.85	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
462	Turbine Delivery Route Option 1	Cork	11475	TDR 25m Intervals	554571.84	611410.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2029.31	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
463	Turbine Delivery Route Option 1	Cork	11500	TDR 25m Intervals	554577.61	611435.01	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2042.99	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
464	Turbine Delivery Route Option 1	Cork	11525	TDR 25m Intervals	554583.38	611459.33	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2056.88	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
465	Turbine Delivery Route Option 1	Cork	11550	TDR 25m Intervals	554589.15	611483.66	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2070.98	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
466	Turbine Delivery Route Option 1	Cork	11575	TDR 25m Intervals	554594.92	611507.98	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2085.28	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
467	Turbine Delivery Route Option 1	Cork	11600	TDR 25m Intervals	554600.69	611532.31	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2099.79	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
468	Turbine Delivery Route Option 1	Cork	11625	TDR 25m Intervals	554606.46	611556.63	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2114.49	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
469	Turbine Delivery Route Option 1	Cork	11650	TDR 25m Intervals	554612.23	611580.96	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2129.38	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
470	Turbine Delivery Route Option 1	Cork	11675	TDR 25m Intervals	554618.00	611605.28	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2144.46	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
471	Turbine Delivery Route Option 1	Cork	11700	TDR 25m Intervals	554623.77	611629.61	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2159.73	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
472	Turbine Delivery Route Option 1	Cork	11725	TDR 25m Intervals	554629.54	611653.93	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2175.17	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
473	Turbine Delivery Route Option 1	Cork	11750	TDR 25m Intervals	554635.31	611678.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2190.79	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
474	Turbine Delivery Route Option 1	Cork	11775	TDR 25m Intervals	554640.46	611702.67	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2207.03	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
475	Turbine Delivery Route Option 1	Cork	11800	TDR 25m Intervals	554641.70	611727.64	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2226.22	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
476	Turbine Delivery Route Option 1	Cork	11825	TDR 25m Intervals	554642.94	611752.61	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2245.52	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
477	Turbine Delivery Route Option 1	Cork	11850	TDR 25m Intervals	554644.17	611777.58	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2264.94	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
478	Turbine Delivery Route Option 1	Cork	11875	TDR 25m Intervals	554640.35	611802.29	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2287.20	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer
479	Turbine Delivery Route Option 1	Cork	11900	TDR 25m Intervals	554636.54	611826.99	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2309.52	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
480	Turbine Delivery Route Option 1	Cork	11925	TDR 25m Intervals	554632.63	611851.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2331.93	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
481	Turbine Delivery Route Option 1	Cork	11950	TDR 25m Intervals	554626.60	611875.94	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2355.25	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
482	Turbine Delivery Route Option 1	Cork	11975	TDR 25m Intervals	554620.58	611900.21	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2378.61	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
483	Turbine Delivery Route Option 1	Cork	12000	TDR 25m Intervals	554614.55	611924.47	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2402.00	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
484	Turbine Delivery Route Option 1	Cork	12025	TDR 25m Intervals	554608.53	611948.73	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2425.42	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
485	Turbine Delivery Route Option 1	Cork	12050	TDR 25m Intervals	554604.42	611973.28	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2448.04	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
486	Turbine Delivery Route Option 1	Cork	12075	TDR 25m Intervals	554603.24	611998.25	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2469.42	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
487	Turbine Delivery Route Option 1	Cork	12100	TDR 25m Intervals	554602.07	612023.22	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2490.86	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
488	Turbine Delivery Route Option 1	Cork	12125	TDR 25m Intervals	554600.90	612048.19	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2512.37	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
489	Turbine Delivery Route Option 1	Cork	12150	TDR 25m Intervals	554599.72	612073.17	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2533.95	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
490	Turbine Delivery Route Option 1	Cork	12175	TDR 25m Intervals	554600.82	612098.10	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2554.34	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
491	Turbine Delivery Route Option 1	Cork	12200	TDR 25m Intervals	554602.83	612123.02	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2574.30	No	No	No	No	No	Tile_05	NA
492	Turbine Delivery Route Option 1	Cork	12225	TDR 25m Intervals	554604.85	612147.94	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2594.34	No	No	No	No	No	Tile_05	NA
493	Turbine Delivery Route Option 1	Cork	12250	TDR 25m Intervals	554606.87	612172.85	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2614.47	No	No	No	No	No	Tile_05	NA
494	Turbine Delivery Route Option 1	Cork	12275	TDR 25m Intervals	554608.89	612197.77	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2634.69	No	No	No	No	No	Tile_05	NA
495	Turbine Delivery Route Option 1	Cork	12300	TDR 25m Intervals	554610.91	612222.69	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2615.34	No	No	No	No	No	Tile_05	NA
496	Turbine Delivery Route Option 1	Cork	12325	TDR 25m Intervals	554612.93	612247.61	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2593.40	No	No	No	No	No	Tile_05	NA
497	Turbine Delivery Route Option 1	Cork	12350	TDR 25m Intervals	554614.94	612272.53	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2571.53	No	No	No	No	No	Tile_05	NA
498	Turbine Delivery Route Option 1	Cork	12375	TDR 25m Intervals	554616.96	612297.45	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2549.70	No	No	No	No	No	Tile_05	NA
499	Turbine Delivery Route Option 1	Cork	12400	TDR 25m Intervals	554618.98	612322.36	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2527.94	No	No	No	No	No	Tile_05	NA
500	Turbine Delivery Route Option 1	Cork	12425	TDR 25m Intervals	554621.00	612347.28	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2506.24	No	No	No	No	No	Tile_05	NA
501	Turbine Delivery Route Option 1	Cork	12450	TDR 25m Intervals	554623.02	612372.20	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2484.60	No	No	No	No	No	Tile_05	NA
502	Turbine Delivery Route Option 1	Cork	12475	TDR 25m Intervals	554625.04	612397.12	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2463.03	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
503	Turbine Delivery Route Option 1	Cork	12500	TDR 25m Intervals	554627.06	612422.04	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2441.51	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
504	Turbine Delivery Route Option 1	Cork	12525	TDR 25m Intervals	554629.07	612446.96	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2420.07	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
505	Turbine Delivery Route Option 1	Cork	12550	TDR 25m Intervals	554631.09	612471.88	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2398.70	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
506	Turbine Delivery Route Option 1	Cork	12575	TDR 25m Intervals	554633.11	612496.79	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2377.39	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
507	Turbine Delivery Route Option 1	Cork	12600	TDR 25m Intervals	554635.13	612521.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2356.16	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
508	Turbine Delivery Route Option 1	Cork	12625	TDR 25m Intervals	554637.15	612546.63	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2335.01	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
509	Turbine Delivery Route Option 1	Cork	12650	TDR 25m Intervals	554636.05	612571.57	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2312.44	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
510	Turbine Delivery Route Option 1	Cork	12675	TDR 25m Intervals	554634.42	612596.52	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2289.67	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
511	Turbine Delivery Route Option 1	Cork	12700	TDR 25m Intervals	554632.79	612621.47	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2266.94	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
512	Turbine Delivery Route Option 1	Cork	12725	TDR 25m Intervals	554631.15	612646.41	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2244.27	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
513	Turbine Delivery Route Option 1	Cork	12750	TDR 25m Intervals	554629.52	612671.36	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2221.64	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
514	Turbine Delivery Route Option 1	Cork	12775	TDR 25m Intervals	554627.89	612696.31	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2199.06	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
515	Turbine Delivery Route Option 1	Cork	12800	TDR 25m Intervals	554626.25	612721.25	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2176.54	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
516	Turbine Delivery Route Option 1	Cork	12825	TDR 25m Intervals	554624.62	612746.20	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2154.07	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
517	Turbine Delivery Route Option 1	Cork	12850	TDR 25m Intervals	554622.99	612771.15	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2131.66	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
518	Turbine Delivery Route Option 1	Cork	12875	TDR 25m Intervals	554621.36	612796.09	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2109.31	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
519	Turbine Delivery Route Option 1	Cork	12900	TDR 25m Intervals	554619.72	612821.04	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2087.01	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
520	Turbine Delivery Route Option 1	Cork	12925	TDR 25m Intervals	554617.51	612845.93	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2064.53	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
521	Turbine Delivery Route Option 1	Cork	12950	TDR 25m Intervals	554614.08	612870.69	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2041.58	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
522	Turbine Delivery Route Option 1	Cork	12975	TDR 25m Intervals	554610.65	612895.45	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2018.68	No	No	No	No	No	Tile_05	NA
523	Turbine Delivery Route Option 1	Cork	13000	TDR 25m Intervals	554607.22	612920.22	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1995.83	No	No	No	No	No	Tile_05	NA
524	Turbine Delivery Route Option 1	Cork	13025	TDR 25m Intervals	554603.80	612944.98	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1973.03	No	No	No	No	No	Tile_05	NA
525	Turbine Delivery Route Option 1	Cork	13050	TDR 25m Intervals	554600.37	612969.75	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1950.29	No	No	No	No	No	Tile_05	NA
526	Turbine Delivery Route Option 1	Cork	13075	TDR 25m Intervals	554596.95	612994.51	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1927.60	No	No	No	No	No	Tile_05	NA
527	Turbine Delivery Route Option 1	Cork	13100	TDR 25m Intervals	554593.52	613019.28	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1904.97	No	No	No	No	No	Tile_05	NA
528	Turbine Delivery Route Option 1	Cork	13125	TDR 25m Intervals	554590.09	613044.04	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1882.40	No	No	No	No	No	Tile_05	NA
529	Turbine Delivery Route Option 1	Cork	13150	TDR 25m Intervals	554586.67	613068.80	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1859.89	No	No	No	No	No	Tile_05	NA
530	Turbine Delivery Route Option 1	Cork	13175	TDR 25m Intervals	554583.24	613093.57	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1837.45	No	No	No	No	No	Tile_05	NA
531	Turbine Delivery Route Option 1	Cork	13200	TDR 25m Intervals	554579.81	613118.33	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1815.07	No	No	No	No	No	Tile_05	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
532	Turbine Delivery Route Option 1	Cork	13225	TDR 25m Intervals	554576.39	613143.09	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1792.77	No	No	No	No	No	Tile_05	NA
533	Turbine Delivery Route Option 1	Cork	13250	TDR 25m Intervals	554572.96	613167.86	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1770.53	No	No	No	No	No	Tile_05	NA
534	Turbine Delivery Route Option 1	Cork	13275	TDR 25m Intervals	554569.53	613192.62	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1748.37	No	No	No	No	No	Tile_05	NA
535	Turbine Delivery Route Option 1	Cork	13300	TDR 25m Intervals	554566.11	613217.39	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1726.29	No	No	No	No	No	Tile_05	NA
536	Turbine Delivery Route Option 1	Cork	13325	TDR 25m Intervals	554556.97	613240.56	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1702.19	No	No	No	No	No	Tile_05	NA
537	Turbine Delivery Route Option 1	Cork	13350	TDR 25m Intervals	554547.07	613263.51	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1677.83	No	No	No	No	No	Tile_05	NA
538	Turbine Delivery Route Option 1	Cork	13375	TDR 25m Intervals	554537.16	613286.46	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1653.48	No	No	No	No	No	Tile_05	NA
539	Turbine Delivery Route Option 1	Cork	13400	TDR 25m Intervals	554527.25	613309.42	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1629.16	No	No	No	No	No	Tile_05	NA
540	Turbine Delivery Route Option 1	Cork	13425	TDR 25m Intervals	554517.35	613332.37	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1604.86	No	No	No	No	No	Tile_05	NA
541	Turbine Delivery Route Option 1	Cork	13450	TDR 25m Intervals	554507.44	613355.32	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1580.58	No	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone
542	Turbine Delivery Route Option 1	Cork	13475	TDR 25m Intervals	554497.53	613378.28	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1556.32	No	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone
543	Turbine Delivery Route Option 1	Cork		TDR_WCC_103	554490.90	613398.90	WCC		Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1556.32	No	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone
544	Turbine Delivery Route Option 1	Cork	13500	TDR 25m Intervals	554487.63	613401.23	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1532.09	No	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone
545	Turbine Delivery Route Option 1	Cork	13525	TDR 25m Intervals	554477.72	613424.18	NA	NA	Yes	AWBEG (Buttevant)_020	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1507.88	No	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone
546	Turbine Delivery Route Option 1	Cork	13550	TDR 25m Intervals	554467.81	613447.14	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1483.70	No	No	No	No	No	Tile_05	NA
547	Turbine Delivery Route Option 1	Cork	13575	TDR 25m Intervals	554457.91	613470.09	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1459.54	No	No	No	No	No	Tile_05	NA
548	Turbine Delivery Route Option 1	Cork	13600	TDR 25m Intervals	554448.00	613493.04	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1435.42	No	No	No	No	No	Tile_05	NA
549	Turbine Delivery Route Option 1	Cork	13625	TDR 25m Intervals	554438.09	613516.00	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1411.32	No	No	No	No	No	Tile_05	NA
550	Turbine Delivery Route Option 1	Cork	13650	TDR 25m Intervals	554426.89	613538.32	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1386.93	No	No	No	No	No	Tile_05	NA
551	Turbine Delivery Route Option 1	Cork	13675	TDR 25m Intervals	554414.96	613560.29	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1362.37	No	No	No	No	No	Tile_05	NA
552	Turbine Delivery Route Option 1	Cork	13700	TDR 25m Intervals	554403.03	613582.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1337.82	No	No	No	No	No	Tile_05	NA
553	Turbine Delivery Route Option 1	Cork	13725	TDR 25m Intervals	554391.10	613604.23	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1313.30	No	No	No	No	No	Tile_05	NA
554	Turbine Delivery Route Option 1	Cork	13750	TDR 25m Intervals	554379.18	613626.20	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1288.79	No	No	No	No	No	Tile_05	NA
555	Turbine Delivery Route Option 1	Cork	13775	TDR 25m Intervals	554367.25	613648.17	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1264.30	No	No	No	No	No	Tile_05	NA
556	Turbine Delivery Route Option 1	Cork	13800	TDR 25m Intervals	554355.32	613670.15	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1239.83	No	No	No	No	No	Tile_05	NA
557	Turbine Delivery Route Option 1	Cork	13825	TDR 25m Intervals	554343.39	613692.12	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1215.38	No	No	No	No	No	Tile_05	NA
558	Turbine Delivery Route Option 1	Cork	13850	TDR 25m Intervals	554331.46	613714.09	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1190.96	No	No	No	No	No	Tile_05	NA
559	Turbine Delivery Route Option 1	Cork	13875	TDR 25m Intervals	554319.54	613736.06	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1166.56	No	No	No	No	No	Tile_05	NA
560	Turbine Delivery Route Option 1	Cork	13900	TDR 25m Intervals	554307.61	613758.03	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1142.19	No	No	No	No	No	Tile_05	NA
561	Turbine Delivery Route Option 1	Cork	13925	TDR 25m Intervals	554292.69	613777.91	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1117.41	No	No	No	No	No	Tile_05	NA
562	Turbine Delivery Route Option 1	Cork	13950	TDR 25m Intervals	554276.13	613796.63	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1092.41	No	No	No	No	No	Tile_05	NA
563	Turbine Delivery Route Option 1	Cork	13975	TDR 25m Intervals	554259.56	613815.36	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1067.40	No	No	No	No	No	Tile_05	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

RSK

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
564	Turbine Delivery Route Option 1	Cork	14000	TDR 25m Intervals	554243.00	613834.08	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1042.40	No	No	No	No	No	Tile_05	NA
565	Turbine Delivery Route Option 1	Cork	14025	TDR 25m Intervals	554226.43	613852.81	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	1017.40	No	No	No	No	No	Tile_05	NA
566	Turbine Delivery Route Option 1	Cork	14050	TDR 25m Intervals	554209.87	613871.53	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(PI) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	992.39	No	No	No	No	No	Tile_05	NA
567	Turbine Delivery Route Option 1	Cork	14075	TDR 25m Intervals	554193.31	613890.26	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	967.39	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
568	Turbine Delivery Route Option 1	Cork	14100	TDR 25m Intervals	554176.74	613908.98	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	942.39	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
569	Turbine Delivery Route Option 1	Cork	14125	TDR 25m Intervals	554160.18	613927.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	917.38	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
570	Turbine Delivery Route Option 1	Cork	14150	TDR 25m Intervals	554143.61	613946.44	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	892.38	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
571	Turbine Delivery Route Option 1	Cork	14175	TDR 25m Intervals	554127.05	613965.16	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	867.37	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
572	Turbine Delivery Route Option 1	Cork	14200	TDR 25m Intervals	554109.09	613982.18	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	842.71	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
573	Turbine Delivery Route Option 1	Cork	14225	TDR 25m Intervals	554087.51	613994.81	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	818.99	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
574	Turbine Delivery Route Option 1	Cork	14250	TDR 25m Intervals	554065.93	614007.43	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	795.35	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
575	Turbine Delivery Route Option 1	Cork	14275	TDR 25m Intervals	554044.35	614020.05	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	771.79	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
576	Turbine Delivery Route Option 1	Cork	14300	TDR 25m Intervals	554022.77	614032.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	748.32	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
577	Turbine Delivery Route Option 1	Cork	14325	TDR 25m Intervals	554001.19	614045.30	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	724.96	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
578	Turbine Delivery Route Option 1	Cork	14350	TDR 25m Intervals	553979.61	614057.92	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	701.71	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
579	Turbine Delivery Route Option 1	Cork	14375	TDR 25m Intervals	553958.04	614070.55	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	678.58	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
580	Turbine Delivery Route Option 1	Cork	14400	TDR 25m Intervals	553936.46	614083.17	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	655.59	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
581	Turbine Delivery Route Option 1	Cork	14425	TDR 25m Intervals	553914.88	614095.79	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	632.76	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
582	Turbine Delivery Route Option 1	Cork	14450	TDR 25m Intervals	553893.30	614108.42	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	610.09	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
583	Turbine Delivery Route Option 1	Cork	14475	TDR 25m Intervals	553871.72	614121.04	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	587.62	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
584	Turbine Delivery Route Option 1	Cork	14500	TDR 25m Intervals	553850.14	614133.66	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	565.36	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
585	Turbine Delivery Route Option 1	Cork	14525	TDR 25m Intervals	553828.56	614146.29	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	543.33	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
586	Turbine Delivery Route Option 1	Cork	14550	TDR 25m Intervals	553806.98	614158.91	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	521.58	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
587	Turbine Delivery Route Option 1	Cork	14575	TDR 25m Intervals	553785.40	614171.53	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	500.13	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
588	Turbine Delivery Route Option 1	Cork	14600	TDR 25m Intervals	553767.86	614188.91	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	476.59	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
589	Turbine Delivery Route Option 1	Cork	14625	TDR 25m Intervals	553751.87	614208.13	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	452.23	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
590	Turbine Delivery Route Option 1	Cork	14650	TDR 25m Intervals	553735.88	614227.35	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	427.93	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
591	Turbine Delivery Route Option 1	Cork	14675	TDR 25m Intervals	553719.89	614246.56	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	403.73	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
592	Turbine Delivery Route Option 1	Cork	14700	TDR 25m Intervals	553703.90	614265.78	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	379.62	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
593	Turbine Delivery Route Option 1	Cork	14725	TDR 25m Intervals	553687.91	614285.00	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	355.64	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
594	Turbine Delivery Route Option 1	Cork	14750	TDR 25m Intervals	553671.92	614304.22	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	331.81	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
595	Turbine Delivery Route Option 1	Cork	14775	TDR 25m Intervals	553655.93	614323.44	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	308.17	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer
596	Turbine Delivery Route Option 1	Cork	14800	TDR 25m Intervals	553639.94	614342.66	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	284.76	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
597	Turbine Delivery Route Option 1	Cork	14825	TDR 25m Intervals	553625.45	614362.71	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	261.27	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
598	Turbine Delivery Route Option 1	Cork	14850	TDR 25m Intervals	553617.70	614386.48	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	236.28	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
599	Turbine Delivery Route Option 1	Cork	14875	TDR 25m Intervals	553610.80	614410.50	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	211.28	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
600	Turbine Delivery Route Option 1	Cork	14900	TDR 25m Intervals	553604.76	614434.76	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	186.31	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
601	Turbine Delivery Route Option 1	Cork	14925	TDR 25m Intervals	553599.59	614459.21	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	161.42	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
602	Turbine Delivery Route Option 1	Cork	14950	TDR 25m Intervals	553595.29	614483.84	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	136.69	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
603	Turbine Delivery Route Option 1	Cork	14975	TDR 25m Intervals	553591.87	614508.60	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	112.28	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
604	Turbine Delivery Route Option 1	Cork	15000	TDR 25m Intervals	553589.34	614533.47	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	88.50	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
605	Turbine Delivery Route Option 1	Cork	15025	TDR 25m Intervals	553587.70	614558.41	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	66.06	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
606	Turbine Delivery Route Option 1	Cork	15050	TDR 25m Intervals	553586.94	614583.40	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	46.97	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
607	Turbine Delivery Route Option 1	Cork	15075	TDR 25m Intervals	553587.08	614608.39	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	36.93	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
608	Turbine Delivery Route Option 1	Cork	15100	TDR 25m Intervals	553588.11	614633.37	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	42.87	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
609	Turbine Delivery Route Option 1	Cork	15125	TDR 25m Intervals	553590.02	614658.30	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	60.22	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
610	Turbine Delivery Route Option 1	Cork	15150	TDR 25m Intervals	553592.84	614683.14	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	82.03	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
611	Turbine Delivery Route Option 1	Cork	15175	TDR 25m Intervals	553596.58	614707.85	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	105.56	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
612	Turbine Delivery Route Option 1	Cork	15200	TDR 25m Intervals	553601.20	614732.42	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	129.84	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
613	Turbine Delivery Route Option 1	Cork	15225	TDR 25m Intervals	553606.69	614756.81	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	154.50	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
614	Turbine Delivery Route Option 1	Cork	15250	TDR 25m Intervals	553612.45	614781.13	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	179.29	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
615	Turbine Delivery Route Option 1	Cork	15275	TDR 25m Intervals	553617.15	614805.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	204.00	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
616	Turbine Delivery Route Option 1	Cork	15300	TDR 25m Intervals	553621.85	614830.24	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	228.77	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
617	Turbine Delivery Route Option 1	Cork	15325	TDR 25m Intervals	553626.55	614854.79	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	253.59	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
618	Turbine Delivery Route Option 1	Cork	15350	TDR 25m Intervals	553631.24	614879.35	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	278.44	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
619	Turbine Delivery Route Option 1	Cork	15375	TDR 25m Intervals	553635.94	614903.90	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	303.31	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
620	Turbine Delivery Route Option 1	Cork	15400	TDR 25m Intervals	553640.63	614928.46	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	328.21	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
621	Turbine Delivery Route Option 1	Cork	15425	TDR 25m Intervals	553645.33	614953.01	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	353.12	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
622	Turbine Delivery Route Option 1	Cork	15450	TDR 25m Intervals	553650.03	614977.57	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	378.04	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
623	Turbine Delivery Route Option 1	Cork	15475	TDR 25m Intervals	553654.72	615002.12	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	402.98	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
624	Turbine Delivery Route Option 1	Cork	15500	TDR 25m Intervals	553659.42	615026.68	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	427.92	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
625	Turbine Delivery Route Option 1	Cork	15525	TDR 25m Intervals	553664.12	615051.23	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	452.87	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
626	Turbine Delivery Route Option 1	Cork	15550	TDR 25m Intervals	553668.81	615075.79	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	477.82	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
627	Turbine Delivery Route Option 1	Cork	15575	TDR 25m Intervals	553673.51	615100.34	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	502.78	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
628	Turbine Delivery Route Option 1	Cork	15600	TDR 25m Intervals	553678.21	615124.90	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	527.74	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
629	Turbine Delivery Route Option 1	Cork	15625	TDR 25m Intervals	553682.90	615149.45	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	552.71	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
630	Turbine Delivery Route Option 1	Cork	15650	TDR 25m Intervals	553687.60	615174.01	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	577.68	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
631	Turbine Delivery Route Option 1	Cork	15675	TDR 25m Intervals	553692.30	615198.56	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	602.65	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
632	Turbine Delivery Route Option 1	Cork	15700	TDR 25m Intervals	553696.99	615223.11	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	627.63	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
633	Turbine Delivery Route Option 1	Cork	15725	TDR 25m Intervals	553701.69	615247.67	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	652.61	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
634	Turbine Delivery Route Option 1	Cork	15750	TDR 25m Intervals	553706.39	615272.22	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	677.59	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
635	Turbine Delivery Route Option 1	Cork	15775	TDR 25m Intervals	553711.08	615296.78	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	702.57	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
636	Turbine Delivery Route Option 1	Cork	15800	TDR 25m Intervals	553715.78	615321.33	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	727.55	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
637	Turbine Delivery Route Option 1	Cork	15825	TDR 25m Intervals	553720.48	615345.89	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	752.53	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
638	Turbine Delivery Route Option 1	Cork	15850	TDR 25m Intervals	553720.29	615370.86	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	776.84	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
639	Turbine Delivery Route Option 1	Cork	15875	TDR 25m Intervals	553719.78	615395.85	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	801.14	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
640	Turbine Delivery Route Option 1	Cork	15900	TDR 25m Intervals	553719.27	615420.84	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	825.49	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
641	Turbine Delivery Route Option 1	Cork	15925	TDR 25m Intervals	553718.76	615445.84	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	849.87	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
642	Turbine Delivery Route Option 1	Cork	15950	TDR 25m Intervals	553718.24	615470.83	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	874.29	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
643	Turbine Delivery Route Option 1	Cork	15975	TDR 25m Intervals	553717.73	615495.83	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	898.74	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
644	Turbine Delivery Route Option 1	Cork	16000	TDR 25m Intervals	553717.22	615520.82	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	923.22	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
645	Turbine Delivery Route Option 1	Cork	16025	TDR 25m Intervals	553716.70	615545.82	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	947.73	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
646	Turbine Delivery Route Option 1	Cork	16050	TDR 25m Intervals	553716.19	615570.81	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	972.26	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
647	Turbine Delivery Route Option 1	Cork	16075	TDR 25m Intervals	553715.68	615595.81	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	996.82	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
648	Turbine Delivery Route Option 1	Cork	16100	TDR 25m Intervals	553715.17	615620.80	NA	NA	No	NA	AWBEG (Buttevant)_020	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1021.40	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
649	Turbine Delivery Route Option 1	Cork	16125	TDR 25m Intervals	553714.65	615645.80	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1045.99	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
650	Turbine Delivery Route Option 1	Cork	16150	TDR 25m Intervals	553714.14	615670.79	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1070.61	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
651	Turbine Delivery Route Option 1	Cork	16175	TDR 25m Intervals	553713.63	615695.79	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1095.25	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
652	Turbine Delivery Route Option 1	Cork	16200	TDR 25m Intervals	553713.11	615720.78	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1119.90	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
653	Turbine Delivery Route Option 1	Cork	16225	TDR 25m Intervals	553712.60	615745.78	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1144.56	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
654	Turbine Delivery Route Option 1	Cork	16250	TDR 25m Intervals	553712.09	615770.77	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1169.24	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
655	Turbine Delivery Route Option 1	Cork	16275	TDR 25m Intervals	553715.36	615795.01	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1193.70	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
656	Turbine Delivery Route Option 1	Cork	16300	TDR 25m Intervals	553725.48	615817.87	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1217.77	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
657	Turbine Delivery Route Option 1	Cork	16325	TDR 25m Intervals	553735.60	615840.73	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1241.87	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
658	Turbine Delivery Route Option 1	Cork	16350	TDR 25m Intervals	553745.72	615863.59	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1266.00	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
659	Turbine Delivery Route Option 1	Cork	16375	TDR 25m Intervals	553755.84	615886.45	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1290.17	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
660	Turbine Delivery Route Option 1	Cork	16400	TDR 25m Intervals	553765.95	615909.31	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1314.37	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
661	Turbine Delivery Route Option 1	Cork	16425	TDR 25m Intervals	553776.07	615932.17	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1338.60	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
662	Turbine Delivery Route Option 1	Cork	16450	TDR 25m Intervals	553786.19	615955.03	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1362.85	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
663	Turbine Delivery Route Option 1	Cork	16475	TDR 25m Intervals	553796.31	615977.89	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1387.14	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
664	Turbine Delivery Route Option 1	Cork	16500	TDR 25m Intervals	553806.43	616000.76	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1411.45	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
665	Turbine Delivery Route Option 1	Cork	16525	TDR 25m Intervals	553816.54	616023.62	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1435.78	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
666	Turbine Delivery Route Option 1	Cork	16550	TDR 25m Intervals	553826.66	616046.48	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1460.13	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
667	Turbine Delivery Route Option 1	Cork	16575	TDR 25m Intervals	553836.78	616069.34	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1484.51	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
668	Turbine Delivery Route Option 1	Cork	16600	TDR 25m Intervals	553846.90	616092.20	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1508.91	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
669	Turbine Delivery Route Option 1	Cork	16625	TDR 25m Intervals	553857.02	616115.06	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1533.33	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
670	Turbine Delivery Route Option 1	Cork	16650	TDR 25m Intervals	553867.14	616137.92	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1557.76	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
671	Turbine Delivery Route Option 1	Cork	16675	TDR 25m Intervals	553877.27	616160.78	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1582.21	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
672	Turbine Delivery Route Option 1	Cork	16700	TDR 25m Intervals	553888.16	616183.28	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1606.49	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
673	Turbine Delivery Route Option 1	Cork	16725	TDR 25m Intervals	553899.06	616205.78	NA	NA	No	NA	AWBEG (Buttevant)_010	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1630.80	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
674	Turbine Delivery Route Option 1	Cork	16750	TDR 25m Intervals	553909.96	616228.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1655.12	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
675	Turbine Delivery Route Option 1	Cork	16775	TDR 25m Intervals	553920.85	616250.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1679.46	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
676	Turbine Delivery Route Option 1	Cork	16800	TDR 25m Intervals	553931.75	616273.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1703.83	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
677	Turbine Delivery Route Option 1	Cork	16825	TDR 25m Intervals	553942.65	616295.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1728.21	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
678	Turbine Delivery Route Option 1	Cork	16850	TDR 25m Intervals	553953.55	616318.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1752.60	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
679	Turbine Delivery Route Option 1	Cork	16875	TDR 25m Intervals	553964.44	616340.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1777.02	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
680	Turbine Delivery Route Option 1	Cork	16900	TDR 25m Intervals	553975.34	616363.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1801.45	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
681	Turbine Delivery Route Option 1	Cork	16925	TDR 25m Intervals	553986.24	616385.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1825.90	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
682	Turbine Delivery Route Option 1	Cork	16950	TDR 25m Intervals	553997.14	616408.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1850.36	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
683	Turbine Delivery Route Option 1	Cork	16975	TDR 25m Intervals	554008.03	616430.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1874.84	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
684	Turbine Delivery Route Option 1	Cork	17000	TDR 25m Intervals	554018.93	616453.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1899.33	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
685	Turbine Delivery Route Option 1	Cork	17025	TDR 25m Intervals	554029.83	616475.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1923.83	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
686	Turbine Delivery Route Option 1	Cork	17050	TDR 25m Intervals	554040.72	616498.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1948.35	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
687	Turbine Delivery Route Option 1	Cork	17075	TDR 25m Intervals	554051.62	616520.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1972.87	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
688	Turbine Delivery Route Option 1	Cork	17100	TDR 25m Intervals	554062.52	616543.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	1997.41	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
689	Turbine Delivery Route Option 1	Cork	17125	TDR 25m Intervals	554073.41	616565.78	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2021.97	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
690	Turbine Delivery Route Option 1	Cork	17150	TDR 25m Intervals	554084.31	616588.28	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2046.53	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
691	Turbine Delivery Route Option 1	Cork		TDR_WCC_104	554098.04	616606.33	WCC		Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2046.53	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
692	Turbine Delivery Route Option 1	Cork	17175	TDR 25m Intervals	554095.21	616610.78	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2071.10	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
693	Turbine Delivery Route Option 1	Cork	17200	TDR 25m Intervals	554106.11	616633.28	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2095.69	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
694	Turbine Delivery Route Option 1	Cork	17225	TDR 25m Intervals	554117.00	616655.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2120.28	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
695	Turbine Delivery Route Option 1	Cork	17250	TDR 25m Intervals	554127.90	616678.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2144.88	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
696	Turbine Delivery Route Option 1	Cork	17275	TDR 25m Intervals	554138.80	616700.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2169.49	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
697	Turbine Delivery Route Option 1	Cork	17300	TDR 25m Intervals	554149.69	616723.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2194.11	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
698	Turbine Delivery Route Option 1	Cork	17325	TDR 25m Intervals	554160.59	616745.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2218.74	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
699	Turbine Delivery Route Option 1	Cork	17350	TDR 25m Intervals	554170.57	616768.68	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2243.51	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
700	Turbine Delivery Route Option 1	Cork	17375	TDR 25m Intervals	554179.63	616791.98	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2268.41	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
701	Turbine Delivery Route Option 1	Cork	17400	TDR 25m Intervals	554188.68	616815.28	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2293.32	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
702	Turbine Delivery Route Option 1	Cork	17425	TDR 25m Intervals	554197.74	616838.58	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2318.22	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
703	Turbine Delivery Route Option 1	Cork	17450	TDR 25m Intervals	554206.79	616861.89	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2343.13	No	No	No	No	No	Tile_06	ELEVATED RISK Regionally Important Aquifer
704	Turbine Delivery Route Option 1	Cork	17475	TDR 25m Intervals	554215.85	616885.19	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2368.04	No	No	No	No	No	Tile_07	ELEVATED RISK Regionally Important Aquifer
705	Turbine Delivery Route Option 1	Cork	17500	TDR 25m Intervals	554224.91	616908.49	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2392.96	No	No	No	No	No	Tile_07	ELEVATED RISK Regionally Important Aquifer
706	Turbine Delivery Route Option 1	Cork	17525	TDR 25m Intervals	554233.96	616931.79	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	2417.87	No	No	No	No	No	Tile_07	ELEVATED RISK Regionally Important Aquifer
707	Turbine Delivery Route Option 1	Cork	17550	TDR 25m Intervals	554243.02	616955.09	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2442.79	No	No	No	No	No	Tile_07	NA
708	Turbine Delivery Route Option 1	Cork	17575	TDR 25m Intervals	554252.08	616978.40	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2467.71	No	No	No	No	No	Tile_07	NA
709	Turbine Delivery Route Option 1	Cork	17600	TDR 25m Intervals	554261.13	617001.70	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2492.63	No	No	No	No	No	Tile_07	NA
710	Turbine Delivery Route Option 1	Cork	17625	TDR 25m Intervals	554270.19	617025.00	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2510.39	No	No	No	No	No	Tile_07	NA
711	Turbine Delivery Route Option 1	Cork	17650	TDR 25m Intervals	554279.24	617048.30	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2486.08	No	No	No	No	No	Tile_07	NA
712	Turbine Delivery Route Option 1	Cork	17675	TDR 25m Intervals	554288.24	617071.62	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2461.78	No	No	No	No	No	Tile_07	NA
713	Turbine Delivery Route Option 1	Cork	17700	TDR 25m Intervals	554293.17	617096.13	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Pl) Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	NA	NA	2436.83	No	No	No	No	No	Tile_07	NA
714	Turbine Delivery Route Option 1	Cork	17725	TDR 25m Intervals	554298.09	617120.64	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2411.89	No	No	No	No	No	Tile_07	NA
715	Turbine Delivery Route Option 1	Cork	17750	TDR 25m Intervals	554303.02	617145.15	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2386.94	No	No	No	No	No	Tile_07	NA
716	Turbine Delivery Route Option 1	Cork	17775	TDR 25m Intervals	554307.94	617169.66	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2362.00	No	No	No	No	No	Tile_07	NA
717	Turbine Delivery Route Option 1	Cork	17800	TDR 25m Intervals	554312.86	617194.17	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2337.05	No	No	No	No	No	Tile_07	NA
718	Turbine Delivery Route Option 1	Cork	17825	TDR 25m Intervals	554317.79	617218.68	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2312.11	No	No	No	No	No	Tile_07	NA
719	Turbine Delivery Route Option 1	Cork	17850	TDR 25m Intervals	554322.71	617243.19	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2287.17	No	No	No	No	No	Tile_07	NA
720	Turbine Delivery Route Option 1	Cork	17875	TDR 25m Intervals	554327.63	617267.70	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2262.24	No	No	No	No	No	Tile_07	NA
721	Turbine Delivery Route Option 1	Cork	17900	TDR 25m Intervals	554332.56	617292.21	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2237.30	No	No	No	No	No	Tile_07	NA
722	Turbine Delivery Route Option 1	Cork	17925	TDR 25m Intervals	554337.48	617316.72	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2212.37	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
723	Turbine Delivery Route Option 1	Cork	17950	TDR 25m Intervals	554342.40	617341.23	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2187.43	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
724	Turbine Delivery Route Option 1	Cork	17975	TDR 25m Intervals	554347.32	617365.74	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2162.50	No	No	No	No	No	Tile_07	NA
725	Turbine Delivery Route Option 1	Cork	18000	TDR 25m Intervals	554352.25	617390.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2137.57	No	No	No	No	No	Tile_07	NA
726	Turbine Delivery Route Option 1	Cork	18025	TDR 25m Intervals	554357.17	617414.77	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2112.64	No	No	No	No	No	Tile_07	NA
727	Turbine Delivery Route Option 1	Cork	18050	TDR 25m Intervals	554362.09	617439.28	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2087.71	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
728	Turbine Delivery Route Option 1	Cork	18075	TDR 25m Intervals	554367.02	617463.79	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2062.79	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
729	Turbine Delivery Route Option 1	Cork		TDR_WCC_105	554368.36	617487.38	WCC		Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2062.79	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
730	Turbine Delivery Route Option 1	Cork	18100	TDR 25m Intervals	554371.94	617488.30	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2037.87	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
731	Turbine Delivery Route Option 1	Cork	18125	TDR 25m Intervals	554376.86	617512.81	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2012.95	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
732	Turbine Delivery Route Option 1	Cork	18150	TDR 25m Intervals	554381.79	617537.32	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1988.03	No	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone
733	Turbine Delivery Route Option 1	Cork	18175	TDR 25m Intervals	554382.61	617562.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1963.15	No	No	No	No	No	Tile_07	NA
734	Turbine Delivery Route Option 1	Cork	18200	TDR 25m Intervals	554382.93	617587.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1938.28	No	No	No	No	No	Tile_07	NA
735	Turbine Delivery Route Option 1	Cork	18225	TDR 25m Intervals	554383.25	617612.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1913.42	No	No	No	No	No	Tile_07	NA
736	Turbine Delivery Route Option 1	Cork	18250	TDR 25m Intervals	554383.57	617637.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1888.55	No	No	No	No	No	Tile_07	NA
737	Turbine Delivery Route Option 1	Cork	18275	TDR 25m Intervals	554383.90	617662.26	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1863.70	No	No	No	No	No	Tile_07	NA
738	Turbine Delivery Route Option 1	Cork	18300	TDR 25m Intervals	554384.22	617687.25	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1838.84	No	No	No	No	No	Tile_07	NA
739	Turbine Delivery Route Option 1	Cork	18325	TDR 25m Intervals	554384.54	617712.25	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1813.99	No	No	No	No	No	Tile_07	NA
740	Turbine Delivery Route Option 1	Cork	18350	TDR 25m Intervals	554384.86	617737.25	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1789.15	No	No	No	No	No	Tile_07	NA
741	Turbine Delivery Route Option 1	Cork	18375	TDR 25m Intervals	554385.18	617762.25	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1764.31	No	No	No	No	No	Tile_07	NA
742	Turbine Delivery Route Option 1	Cork	18400	TDR 25m Intervals	554385.50	617787.24	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1739.47	No	No	No	No	No	Tile_07	NA
743	Turbine Delivery Route Option 1	Cork	18425	TDR 25m Intervals	554385.82	617812.24	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1714.64	No	No	No	No	No	Tile_07	NA
744	Turbine Delivery Route Option 1	Cork	18450	TDR 25m Intervals	554385.85	617837.23	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1689.87	No	No	No	No	No	Tile_07	NA
745	Turbine Delivery Route Option 1	Cork	18475	TDR 25m Intervals	554383.09	617862.07	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1665.61	No	No	No	No	No	Tile_07	NA
746	Turbine Delivery Route Option 1	Cork	18500	TDR 25m Intervals	554380.33	617886.92	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1641.38	No	No	No	No	No	Tile_07	NA
747	Turbine Delivery Route Option 1	Cork	18525	TDR 25m Intervals	554377.57	617911.77	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1617.17	No	No	No	No	No	Tile_07	NA
748	Turbine Delivery Route Option 1	Cork	18550	TDR 25m Intervals	554374.81	617936.61	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1592.99	No	No	No	No	No	Tile_07	NA
749	Turbine Delivery Route Option 1	Cork	18575	TDR 25m Intervals	554372.05	617961.46	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1568.84	No	No	No	No	No	Tile_07	NA
750	Turbine Delivery Route Option 1	Cork	18600	TDR 25m Intervals	554369.29	617986.31	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1544.71	No	No	No	No	No	Tile_07	NA
751	Turbine Delivery Route Option 1	Cork	18625	TDR 25m Intervals	554366.53	618011.16	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1520.60	No	No	No	No	No	Tile_07	NA
752	Turbine Delivery Route Option 1	Cork	18650	TDR 25m Intervals	554363.77	618036.00	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1496.53	No	No	No	No	No	Tile_07	NA
753	Turbine Delivery Route Option 1	Cork	18675	TDR 25m Intervals	554361.01	618060.85	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1472.49	No	No	No	No	No	Tile_07	NA
754	Turbine Delivery Route Option 1	Cork	18700	TDR 25m Intervals	554358.25	618085.70	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1448.48	No	No	No	No	No	Tile_07	NA
755	Turbine Delivery Route Option 1	Cork	18725	TDR 25m Intervals	554355.49	618110.55	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1424.51	No	No	No	No	No	Tile_07	NA
756	Turbine Delivery Route Option 1	Cork	18750	TDR 25m Intervals	554352.73	618135.39	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1400.57	No	No	No	No	No	Tile_07	NA
757	Turbine Delivery Route Option 1	Cork	18775	TDR 25m Intervals	554349.97	618160.24	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1376.67	No	No	No	No	No	Tile_07	NA
758	Turbine Delivery Route Option 1	Cork	18800	TDR 25m Intervals	554347.21	618185.09	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1352.81	No	No	No	No	No	Tile_07	NA
759	Turbine Delivery Route Option 1	Cork	18825	TDR 25m Intervals	554344.45	618209.93	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1328.99	No	No	No	No	No	Tile_07	NA
760	Turbine Delivery Route Option 1	Cork	18850	TDR 25m Intervals	554341.69	618234.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1305.21	No	No	No	No	No	Tile_07	NA
761	Turbine Delivery Route Option 1	Cork	18875	TDR 25m Intervals	554338.93	618259.63	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(Lk) Locally Important Aquifer - Karstified	NA	NA	1281.49	No	No	No	No	No	Tile_07	NA
762	Turbine Delivery Route Option 1	Cork	18900	TDR 25m Intervals	554336.17	618284.47	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1257.81	No	No	No	No	No	Tile_07	NA
763	Turbine Delivery Route Option 1	Cork	18925	TDR 25m Intervals	554333.41	618309.32	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1234.18	No	No	No	No	No	Tile_07	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
764	Turbine Delivery Route Option 1	Cork	18950	TDR 25m Intervals	554330.65	618334.17	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1210.61	No	No	No	No	No	Tile_07	NA
765	Turbine Delivery Route Option 1	Cork	18975	TDR 25m Intervals	554327.89	618359.02	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1187.10	No	No	No	No	No	Tile_07	NA
766	Turbine Delivery Route Option 1	Cork	19000	TDR 25m Intervals	554325.13	618383.86	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1163.65	No	No	No	No	No	Tile_07	NA
767	Turbine Delivery Route Option 1	Cork	19025	TDR 25m Intervals	554322.37	618408.71	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1140.27	No	No	No	No	No	Tile_07	NA
768	Turbine Delivery Route Option 1	Cork	19050	TDR 25m Intervals	554319.61	618433.56	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1116.96	No	No	No	No	No	Tile_07	NA
769	Turbine Delivery Route Option 1	Cork	19075	TDR 25m Intervals	554316.85	618458.41	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1093.72	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
770	Turbine Delivery Route Option 1	Cork	19100	TDR 25m Intervals	554314.09	618483.25	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1070.56	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
771	Turbine Delivery Route Option 1	Cork	19125	TDR 25m Intervals	554311.33	618508.10	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1047.49	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
772	Turbine Delivery Route Option 1	Cork	19150	TDR 25m Intervals	554308.57	618532.95	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1024.50	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
773	Turbine Delivery Route Option 1	Cork		TDR_WCC_106	554304.25	618537.89	WCC		Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1024.50	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
774	Turbine Delivery Route Option 1	Cork	19175	TDR 25m Intervals	554305.81	618557.79	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1001.62	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
775	Turbine Delivery Route Option 1	Cork	19200	TDR 25m Intervals	554303.05	618582.64	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	978.83	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
776	Turbine Delivery Route Option 1	Cork	19225	TDR 25m Intervals	554300.29	618607.49	NA	NA	Yes	AWBEG (BUTTEVANT) (EAST)_020	AWBEG (BUTTEVANT) (EAST)_020	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	956.16	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
777	Turbine Delivery Route Option 1	Cork	19250	TDR 25m Intervals	554297.53	618632.33	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	933.61	No	No	No	No	No	Tile_07	NA
778	Turbine Delivery Route Option 1	Cork	19275	TDR 25m Intervals	554294.77	618657.18	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	911.18	No	No	No	No	No	Tile_07	NA
779	Turbine Delivery Route Option 1	Cork	19300	TDR 25m Intervals	554292.01	618682.03	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	888.90	No	No	No	No	No	Tile_07	NA
780	Turbine Delivery Route Option 1	Cork	19325	TDR 25m Intervals	554289.25	618706.88	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	866.76	No	No	No	No	No	Tile_07	NA
781	Turbine Delivery Route Option 1	Cork	19350	TDR 25m Intervals	554286.49	618731.72	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	844.78	No	No	No	No	No	Tile_07	NA
782	Turbine Delivery Route Option 1	Cork	19375	TDR 25m Intervals	554283.72	618756.57	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	822.97	No	No	No	No	No	Tile_07	NA
783	Turbine Delivery Route Option 1	Cork	19400	TDR 25m Intervals	554280.96	618781.42	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	801.35	No	No	No	No	No	Tile_07	NA
784	Turbine Delivery Route Option 1	Cork	19425	TDR 25m Intervals	554278.20	618806.27	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	779.93	No	No	No	No	No	Tile_07	NA
785	Turbine Delivery Route Option 1	Cork	19450	TDR 25m Intervals	554275.44	618831.11	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	758.74	No	No	No	No	No	Tile_07	NA
786	Turbine Delivery Route Option 1	Cork	19475	TDR 25m Intervals	554272.68	618855.96	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	737.78	No	No	No	No	No	Tile_07	NA
787	Turbine Delivery Route Option 1	Cork	19500	TDR 25m Intervals	554274.37	618880.73	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	715.04	No	No	No	No	No	Tile_07	NA
788	Turbine Delivery Route Option 1	Cork	19525	TDR 25m Intervals	554278.03	618905.46	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	691.54	No	No	No	No	No	Tile_07	NA
789	Turbine Delivery Route Option 1	Cork	19550	TDR 25m Intervals	554281.68	618930.19	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	668.15	No	No	No	No	No	Tile_07	NA
790	Route Option 1	Cork	19575	TDR 25m Intervals	554285.33	618954.92	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	- Bedrock which is	NA	NA	644.88	No	No	No	No	No	Tile_07	NA
791	Turbine Delivery Route Option 1	Cork	19600	TDR 25m Intervals	554288.99	618979.65	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	621.74	No	No	No	No	No	Tile_07	NA
792	Turbine Delivery Route Option 1	Cork	19625	TDR 25m Intervals	554292.64	619004.39	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	598.75	No	No	No	No	No	Tile_07	NA
793	Turbine Delivery Route Option 1	Cork	19650	TDR 25m Intervals	554296.29	619029.12	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	575.93	No	No	No	No	No	Tile_07	NA
794	Turbine Delivery Route Option 1	Cork	19675	TDR 25m Intervals	554299.95	619053.85	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	553.31	No	No	No	No	No	Tile_07	NA
795	Turbine Delivery Route Option 1	Cork	19700	TDR 25m Intervals	554303.60	619078.58	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	530.89	No	No	No	No	No	Tile_07	NA
796	Turbine Delivery Route Option 1	Cork	19725	TDR 25m Intervals	554307.25	619103.31	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	508.71	No	No	No	No	No	Tile_07	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
797	Turbine Delivery Route Option 1	Cork	19750	TDR 25m Intervals	554310.91	619128.04	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	486.81	No	No	No	No	No	Tile_07	NA
798	Turbine Delivery Route Option 1	Cork	19775	TDR 25m Intervals	554314.56	619152.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	465.22	No	No	No	No	No	Tile_08	NA
799	Turbine Delivery Route Option 1	Cork	19800	TDR 25m Intervals	554315.18	619177.64	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	445.89	No	No	No	No	No	Tile_08	NA
800	Turbine Delivery Route Option 1	Cork	19825	TDR 25m Intervals	554313.75	619202.60	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	428.48	No	No	No	No	No	Tile_08	NA
801	Turbine Delivery Route Option 1	Cork	19850	TDR 25m Intervals	554312.32	619227.56	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	411.86	No	No	No	No	No	Tile_08	NA
802	Turbine Delivery Route Option 1	Cork	19875	TDR 25m Intervals	554310.89	619252.52	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	396.11	No	No	No	No	No	Tile_08	NA
803	Turbine Delivery Route Option 1	Cork	19900	TDR 25m Intervals	554309.46	619277.48	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	381.36	No	No	No	No	No	Tile_08	NA
804	Turbine Delivery Route Option 1	Cork	19925	TDR 25m Intervals	554308.03	619302.44	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	367.72	No	No	No	No	No	Tile_08	NA
805	Turbine Delivery Route Option 1	Cork	19950	TDR 25m Intervals	554306.60	619327.40	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	355.32	No	No	No	No	No	Tile_08	NA
806	Turbine Delivery Route Option 1	Cork	19975	TDR 25m Intervals	554305.18	619352.36	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	344.28	No	No	No	No	No	Tile_08	NA
807	Turbine Delivery Route Option 1	Cork	20000	TDR 25m Intervals	554303.75	619377.31	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	334.76	No	No	No	No	No	Tile_08	NA
808	Turbine Delivery Route Option 1	Cork	20025	TDR 25m Intervals	554302.32	619402.27	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	326.87	No	No	No	No	No	Tile_08	NA
809	Turbine Delivery Route Option 1	Cork	20050	TDR 25m Intervals	554300.89	619427.23	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	320.75	No	No	No	No	No	Tile_08	NA
810	Turbine Delivery Route Option 1	Cork	20075	TDR 25m Intervals	554299.46	619452.19	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	316.49	No	No	No	No	No	Tile_08	NA
811	Turbine Delivery Route Option 1	Cork	20100	TDR 25m Intervals	554298.03	619477.15	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	314.16	No	No	No	No	No	Tile_08	NA
812	Turbine Delivery Route Option 1	Cork	20125	TDR 25m Intervals	554296.60	619502.11	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	313.82	No	No	No	No	No	Tile_08	NA
813	Turbine Delivery Route Option 1	Cork	20150	TDR 25m Intervals	554295.17	619527.07	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	315.46	No	No	No	No	No	Tile_08	NA
814	Turbine Delivery Route Option 1	Cork	20175	TDR 25m Intervals	554293.74	619552.03	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	319.06	No	No	No	No	No	Tile_08	NA
815	Turbine Delivery Route Option 1	Cork	20200	TDR 25m Intervals	554292.31	619576.99	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	324.56	No	No	No	No	No	Tile_08	NA
816	Turbine Delivery Route Option 1	Cork	20225	TDR 25m Intervals	554290.89	619601.95	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	331.85	No	No	No	No	No	Tile_08	NA
817	Turbine Delivery Route Option 1	Cork	20250	TDR 25m Intervals	554289.46	619626.91	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	340.82	No	No	No	No	No	Tile_08	NA
818	Turbine Delivery Route Option 1	Cork	20275	TDR 25m Intervals	554288.03	619651.86	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	351.35	No	No	No	No	No	Tile_08	NA
819	Turbine Delivery Route Option 1	Cork	20300	TDR 25m Intervals	554286.60	619676.82	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	363.29	No	No	No	No	No	Tile_08	NA
820	Turbine Delivery Route Option 1	Cork	20325	TDR 25m Intervals	554285.17	619701.78	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	376.52	No	No	No	No	No	Tile_08	NA
821	Turbine Delivery Route Option 1	Cork	20350	TDR 25m Intervals	554283.74	619726.74	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	390.91	No	No	No	No	No	Tile_08	NA
822	Turbine Delivery Route Option 1	Cork	20375	TDR 25m Intervals	554282.31	619751.70	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	406.32	No	No	No	No	No	Tile_08	NA
823	Turbine Delivery Route Option 1	Cork	20400	TDR 25m Intervals	554276.54	619775.88	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	425.56	No	No	No	No	No	Tile_08	NA
824	Turbine Delivery Route Option 1	Cork	20425	TDR 25m Intervals	554269.14	619799.76	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	446.40	No	No	No	No	No	Tile_08	NA
825	Turbine Delivery Route Option 1	Cork	20450	TDR 25m Intervals	554261.75	619823.64	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	467.65	No	No	No	No	No	Tile_08	NA
826	Turbine Delivery Route Option 1	Cork	20475	TDR 25m Intervals	554254.36	619847.52	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	489.26	No	No	No	No	No	Tile_08	NA
827	Turbine Delivery Route Option 1	Cork	20500	TDR 25m Intervals	554246.97	619871.41	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	511.17	No	No	No	No	No	Tile_08	NA
828	Turbine Delivery Route Option 1	Cork	20525	TDR 25m Intervals	554239.58	619895.29	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	533.36	No	No	No	No	No	Tile_08	NA
829	Turbine Delivery Route Option 1	Cork	20550	TDR 25m Intervals	554232.19	619919.17	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	555.78	No	No	No	No	No	Tile_08	NA
830	Turbine Delivery Route Option 1	Cork	20575	TDR 25m Intervals	554224.80	619943.05	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	578.42	No	No	No	No	No	Tile_08	NA
831	Turbine Delivery Route Option 1	Cork	20600	TDR 25m Intervals	554217.41	619966.94	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	601.25	No	No	No	No	No	Tile_08	NA
832	Turbine Delivery Route Option 1	Cork	20625	TDR 25m Intervals	554210.02	619990.82	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	624.24	No	No	No	No	No	Tile_08	NA
833	Turbine Delivery Route Option 1	Cork	20650	TDR 25m Intervals	554202.63	620014.70	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	647.38	No	No	No	No	No	Tile_08	NA
834	Turbine Delivery Route Option 1	Cork	20675	TDR 25m Intervals	554195.24	620038.58	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	670.66	No	No	No	No	No	Tile_08	NA
835	Turbine Delivery Route Option 1	Cork	20700	TDR 25m Intervals	554187.85	620062.47	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	694.05	No	No	No	No	No	Tile_08	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
836	Turbine Delivery Route Option 1	Cork	20725	TDR 25m Intervals	554180.46	620086.35	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	717.55	No	No	No	No	No	Tile_08	NA
837	Turbine Delivery Route Option 1	Cork	20750	TDR 25m Intervals	554173.06	620110.23	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	741.16	No	No	No	No	No	Tile_08	NA
838	Turbine Delivery Route Option 1	Cork	20775	TDR 25m Intervals	554165.67	620134.12	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	764.85	No	No	No	No	No	Tile_08	NA
839	Turbine Delivery Route Option 1	Cork	20800	TDR 25m Intervals	554158.28	620158.00	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	788.62	No	No	No	No	No	Tile_08	NA
840	Turbine Delivery Route Option 1	Cork	20825	TDR 25m Intervals	554150.89	620181.88	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	812.47	No	No	No	No	No	Tile_08	NA
841	Turbine Delivery Route Option 1	Cork	20850	TDR 25m Intervals	554143.50	620205.76	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	836.38	No	No	No	No	No	Tile_08	NA
842	Turbine Delivery Route Option 1	Cork	20875	TDR 25m Intervals	554136.11	620229.65	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	860.35	No	No	No	No	No	Tile_08	NA
843	Turbine Delivery Route Option 1	Cork	20900	TDR 25m Intervals	554128.72	620253.53	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	884.39	No	No	No	No	No	Tile_08	NA
844	Turbine Delivery Route Option 1	Cork	20925	TDR 25m Intervals	554121.33	620277.41	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	908.47	No	No	No	No	No	Tile_08	NA
845	Turbine Delivery Route Option 1	Cork	20950	TDR 25m Intervals	554113.94	620301.29	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	932.61	No	No	No	No	No	Tile_08	NA
846	Turbine Delivery Route Option 1	Cork	20975	TDR 25m Intervals	554107.09	620325.33	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	956.63	No	No	No	No	No	Tile_08	NA
847	Turbine Delivery Route Option 1	Cork	21000	TDR 25m Intervals	554100.82	620349.53	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	980.54	No	No	No	No	No	Tile_08	NA
848	Turbine Delivery Route Option 1	Cork	21025	TDR 25m Intervals	554094.55	620373.73	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1004.51	No	No	No	No	No	Tile_08	NA
849	Turbine Delivery Route Option 1	Cork	21050	TDR 25m Intervals	554088.27	620397.93	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1028.52	No	No	No	No	No	Tile_08	NA
850	Turbine Delivery Route Option 1	Cork	21075	TDR 25m Intervals	554082.00	620422.13	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1052.59	No	No	No	No	No	Tile_08	NA
851	Turbine Delivery Route Option 1	Cork	21100	TDR 25m Intervals	554075.73	620446.33	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1076.69	No	No	No	No	No	Tile_08	NA
852	Turbine Delivery Route Option 1	Cork	21125	TDR 25m Intervals	554069.45	620470.53	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1100.83	No	No	No	No	No	Tile_08	NA
853	Turbine Delivery Route Option 1	Cork	21150	TDR 25m Intervals	554063.18	620494.73	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1125.02	No	No	No	No	No	Tile_08	NA
854	Turbine Delivery Route Option 1	Cork	21175	TDR 25m Intervals	554056.91	620518.93	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1149.23	No	No	No	No	No	Tile_08	NA
855	Turbine Delivery Route Option 1	Cork	21200	TDR 25m Intervals	554050.64	620543.13	NA	NA	No	NA	AWBEG (BUTTEVANT) (E	Awbeg[Buttevant]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1173.48	No	No	No	No	No	Tile_08	NA
856	Turbine Delivery Route Option 1	Cork	21225	TDR 25m Intervals	554044.36	620567.33	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1197.76	No	No	No	No	No	Tile_08	NA
857	Turbine Delivery Route Option 1	Cork	21250	TDR 25m Intervals	554038.09	620591.53	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1222.07	No	No	No	No	No	Tile_08	NA
858	Turbine Delivery Route Option 1	Cork	21275	TDR 25m Intervals	554031.82	620615.73	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1246.41	No	No	No	No	No	Tile_08	NA
859	Turbine Delivery Route Option 1	Cork	21300	TDR 25m Intervals	554025.55	620639.93	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1270.78	No	No	No	No	No	Tile_08	NA
860	Turbine Delivery Route Option 1	Cork	21325	TDR 25m Intervals	554019.28	620664.13	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1295.16	No	No	No	No	No	Tile_08	NA
861	Turbine Delivery Route Option 1	Cork	21350	TDR 25m Intervals	554013.00	620688.33	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1319.57	No	No	No	No	No	Tile_08	NA
862	Turbine Delivery Route Option 1	Cork	21375	TDR 25m Intervals	554005.80	620712.27	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1344.19	No	No	No	No	No	Tile_08	NA
863	Turbine Delivery Route Option 1	Cork	21400	TDR 25m Intervals	553998.47	620736.17	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1368.84	No	No	No	No	No	Tile_08	NA
864	Turbine Delivery Route Option 1	Cork	21425	TDR 25m Intervals	553991.14	620760.07	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1393.51	No	No	No	No	No	Tile_08	NA
865	Turbine Delivery Route Option 1	Cork	21450	TDR 25m Intervals	553983.81	620783.97	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1418.19	No	No	No	No	No	Tile_08	NA
866	Turbine Delivery Route Option 1	Cork	21475	TDR 25m Intervals	553976.47	620807.87	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1442.88	No	No	No	No	No	Tile_08	NA
867	Turbine Delivery Route Option 1	Cork	21500	TDR 25m Intervals	553969.14	620831.78	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1467.58	No	No	No	No	No	Tile_08	NA
868	Turbine Delivery Route Option 1	Cork	21525	TDR 25m Intervals	553961.81	620855.68	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1492.29	No	No	No	No	No	Tile_08	NA
869	Turbine Delivery Route Option 1	Cork	21550	TDR 25m Intervals	553954.48	620879.58	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1487.09	No	No	No	No	No	Tile_08	NA
870	Turbine Delivery Route Option 1	Cork	21575	TDR 25m Intervals	553947.15	620903.48	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1462.67	No	No	No	No	No	Tile_08	NA
871	Turbine Delivery Route Option 1	Cork	21600	TDR 25m Intervals	553939.81	620927.38	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1438.26	No	No	No	No	No	Tile_08	NA
872	Turbine Delivery Route Option 1	Cork	21625	TDR 25m Intervals	553932.48	620951.28	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1413.88	No	No	No	No	No	Tile_08	NA
873	Turbine Delivery Route Option 1	Cork	21650	TDR 25m Intervals	553925.15	620975.18	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1389.52	No	No	No	No	No	Tile_08	NA
874	Turbine Delivery Route Option 1	Cork	21675	TDR 25m Intervals	553917.82	620999.08	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1365.18	No	No	No	No	No	Tile_08	NA
875	Turbine Delivery Route Option 1	Cork	21700	TDR 25m Intervals	553910.49	621022.98	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1340.87	No	No	No	No	No	Tile_08	NA
876	Turbine Delivery Route Option 1	Cork	21725	TDR 25m Intervals	553903.16	621046.88	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1316.58	No	No	No	No	No	Tile_08	NA
877	Turbine Delivery Route Option 1	Cork	21750	TDR 25m Intervals	553895.82	621070.78	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1292.33	No	No	No	No	No	Tile_08	NA
878	Turbine Delivery Route Option 1	Cork	21775	TDR 25m Intervals	553890.01	621094.85	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1268.00	No	No	No	No	No	Tile_08	NA
879	Turbine Delivery Route Option 1	Cork	21800	TDR 25m Intervals	553891.95	621119.78	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1243.19	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
880	Turbine Delivery Route Option 1	Cork	21825	TDR 25m Intervals	553893.89	621144.70	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1218.40	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
881	Turbine Delivery Route Option 1	Cork	21850	TDR 25m Intervals	553895.83	621169.63	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1193.61	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
882	Turbine Delivery Route Option 1	Cork		TDR_WCC_107	553899.71	621182.33	WCC		Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1193.61	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
883	Turbine Delivery Route Option 1	Cork	21875	TDR 25m Intervals	553897.77	621194.55	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1168.83	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
884	Turbine Delivery Route Option 1	Cork	21900	TDR 25m Intervals	553899.71	621219.47	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1144.06	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
885	Turbine Delivery Route Option 1	Cork	21925	TDR 25m Intervals	553901.65	621244.40	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1119.30	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
886	Turbine Delivery Route Option 1	Cork	21950	TDR 25m Intervals	553903.59	621269.32	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1094.55	No	No	No	No	No	Tile_08	NA
887	Turbine Delivery Route Option 1	Cork	21975	TDR 25m Intervals	553905.54	621294.25	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1069.81	No	No	No	No	No	Tile_08	NA
888	Turbine Delivery Route Option 1	Cork	22000	TDR 25m Intervals	553907.47	621319.17	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1045.09	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
889	Turbine Delivery Route Option 1	Cork	22025	TDR 25m Intervals	553909.42	621344.10	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	1020.38	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
890	Turbine Delivery Route Option 1	Cork	22050	TDR 25m Intervals	553911.36	621369.02	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	995.68	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
891	Turbine Delivery Route Option 1	Cork		TDR_WCC_108	553911.46	621370.26	WCC		Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	995.68	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
892	Turbine Delivery Route Option 1	Cork	22075	TDR 25m Intervals	553913.30	621393.95	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	971.00	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
893	Turbine Delivery Route Option 1	Cork	22100	TDR 25m Intervals	553915.24	621418.87	NA	NA	Yes	BALLYSALLAGH_010	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	946.34	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
894	Turbine Delivery Route Option 1	Cork	22125	TDR 25m Intervals	553917.18	621443.80	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	921.69	No	No	No	No	No	Tile_08	NA
895	Turbine Delivery Route Option 1	Cork	22150	TDR 25m Intervals	553919.12	621468.72	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	897.07	No	No	No	No	No	Tile_08	NA
896	Turbine Delivery Route Option 1	Cork	22175	TDR 25m Intervals	553921.06	621493.64	NA	NA	No	NA	BALLYSALLAGH_010	Maigue_SC_020	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	872.47	No	No	No	No	No	Tile_08	NA
897	Turbine Delivery Route Option 1	Cork	22200	TDR 25m Intervals	553923.00	621518.57	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	847.89	No	No	No	No	No	Tile_08	NA
898	Turbine Delivery Route Option 1	Cork	22225	TDR 25m Intervals	553924.94	621543.49	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	823.33	No	No	No	No	No	Tile_08	NA
899	Turbine Delivery Route Option 1	Cork	22250	TDR 25m Intervals	553926.88	621568.42	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	798.81	No	No	No	No	No	Tile_09	NA
900	Turbine Delivery Route Option 1	Cork	22275	TDR 25m Intervals	553928.82	621593.34	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	774.31	No	No	No	No	No	Tile_09	NA
901	Turbine Delivery Route Option 1	Cork	22300	TDR 25m Intervals	553930.76	621618.27	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	749.85	No	No	No	No	No	Tile_09	NA
902	Turbine Delivery Route Option 1	Cork	22325	TDR 25m Intervals	553932.70	621643.19	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	725.42	No	No	No	No	No	Tile_09	NA
903	Turbine Delivery Route Option 1	Cork	22350	TDR 25m Intervals	553934.64	621668.12	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	701.04	No	No	No	No	No	Tile_09	NA
904	Turbine Delivery Route Option 1	Cork	22375	TDR 25m Intervals	553936.58	621693.04	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	676.70	No	No	No	No	No	Tile_09	NA
905	Turbine Delivery Route Option 1	Cork	22400	TDR 25m Intervals	553938.52	621717.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	652.41	No	No	No	No	No	Tile_09	NA
906	Turbine Delivery Route Option 1	Cork	22425	TDR 25m Intervals	553940.46	621742.89	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	628.18	No	No	No	No	No	Tile_09	NA
907	Turbine Delivery Route Option 1	Cork	22450	TDR 25m Intervals	553942.40	621767.81	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	604.01	No	No	No	No	No	Tile_09	NA
908	Turbine Delivery Route Option 1	Cork	22475	TDR 25m Intervals	553944.34	621792.74	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	579.91	No	No	No	No	No	Tile_09	NA
909	Turbine Delivery Route Option 1	Cork	22500	TDR 25m Intervals	553946.28	621817.66	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	555.89	No	No	No	No	No	Tile_09	NA
910	Turbine Delivery Route Option 1	Cork	22525	TDR 25m Intervals	553948.22	621842.59	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	531.96	No	No	No	No	No	Tile_09	NA
911	Turbine Delivery Route Option 1	Cork	22550	TDR 25m Intervals	553950.17	621867.51	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	508.14	No	No	No	No	No	Tile_09	NA
912	Turbine Delivery Route Option 1	Cork	22575	TDR 25m Intervals	553952.11	621892.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	484.43	No	No	No	No	No	Tile_09	NA
913	Turbine Delivery Route Option 1	Cork	22600	TDR 25m Intervals	553955.43	621917.21	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	461.38	No	No	No	No	No	Tile_09	NA
914	Turbine Delivery Route Option 1	Cork	22625	TDR 25m Intervals	553957.17	621942.15	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	437.93	No	No	No	No	No	Tile_09	NA
915	Turbine Delivery Route Option 1	Cork	22650	TDR 25m Intervals	553957.16	621967.14	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	414.06	No	No	No	No	No	Tile_09	NA
916	Turbine Delivery Route Option 1	Cork	22675	TDR 25m Intervals	553955.38	621992.07	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	389.82	No	No	No	No	No	Tile_09	NA
917	Turbine Delivery Route Option 1	Cork	22700	TDR 25m Intervals	553951.87	622016.82	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	365.28	No	No	No	No	No	Tile_09	NA
918	Turbine Delivery Route Option 1	Cork	22725	TDR 25m Intervals	553946.63	622041.26	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	340.50	No	No	No	No	No	Tile_09	NA
919	Turbine Delivery Route Option 1	Cork	22750	TDR 25m Intervals	553939.69	622065.27	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	315.56	No	No	No	No	No	Tile_09	NA
920	Turbine Delivery Route Option 1	Cork	22775	TDR 25m Intervals	553931.08	622088.74	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	290.57	No	No	No	No	No	Tile_09	NA
921	Turbine Delivery Route Option 1	Cork	22800	TDR 25m Intervals	553920.86	622111.54	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	265.63	No	No	No	No	No	Tile_09	NA
922	Turbine Delivery Route Option 1	Cork	22825	TDR 25m Intervals	553909.06	622133.58	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	240.92	No	No	No	No	No	Tile_09	NA
923	Turbine Delivery Route Option 1	Cork	22850	TDR 25m Intervals	553895.82	622154.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	216.62	No	No	No	No	No	Tile_09	NA
924	Turbine Delivery Route Option 1	Cork	22875	TDR 25m Intervals	553882.10	622175.68	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	192.67	No	No	No	No	No	Tile_09	NA
925	Turbine Delivery Route Option 1	Cork	22900	TDR 25m Intervals	553868.39	622196.58	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	169.02	No	No	No	No	No	Tile_09	NA
926	Turbine Delivery Route Option 1	Cork	22925	TDR 25m Intervals	553854.67	622217.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	145.83	No	No	No	No	No	Tile_09	NA
927	Turbine Delivery Route Option 1	Cork	22950	TDR 25m Intervals	553840.95	622238.38	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	123.34	No	No	No	No	No	Tile_09	NA
928	Turbine Delivery Route Option 1	Cork	22975	TDR 25m Intervals	553827.23	622259.28	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	102.04	No	No	No	No	No	Tile_09	NA
929	Turbine Delivery Route Option 1	Cork	23000	TDR 25m Intervals	553813.52	622280.18	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	82.82	No	No	No	No	No	Tile_09	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
930	Turbine Delivery Route Option 1	Cork	23025	TDR 25m Intervals	553799.80	622301.08	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	67.51	No	No	No	No	No	Tile_09	NA
931	Turbine Delivery Route Option 1	Cork	23050	TDR 25m Intervals	553786.08	622321.98	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	59.22	No	No	No	No	No	Tile_09	NA
932	Turbine Delivery Route Option 1	Cork	23075	TDR 25m Intervals	553772.36	622342.88	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	60.88	No	No	No	No	No	Tile_09	NA
933	Turbine Delivery Route Option 1	Cork	23100	TDR 25m Intervals	553758.65	622363.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	71.81	No	No	No	No	No	Tile_09	NA
934	Turbine Delivery Route Option 1	Cork	23125	TDR 25m Intervals	553744.93	622384.68	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	88.64	No	No	No	No	No	Tile_09	NA
935	Turbine Delivery Route Option 1	Cork	23150	TDR 25m Intervals	553731.21	622405.58	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	108.66	No	No	No	No	No	Tile_09	NA
936	Turbine Delivery Route Option 1	Cork	23175	TDR 25m Intervals	553717.49	622426.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	130.41	No	No	No	No	No	Tile_09	NA
937	Turbine Delivery Route Option 1	Cork	23200	TDR 25m Intervals	553703.78	622447.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	153.16	No	No	No	No	No	Tile_09	NA
938	Turbine Delivery Route Option 1	Cork	23225	TDR 25m Intervals	553690.06	622468.29	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	176.52	No	No	No	No	No	Tile_09	NA
939	Turbine Delivery Route Option 1	Cork	23250	TDR 25m Intervals	553676.34	622489.19	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	200.28	No	No	No	No	No	Tile_09	NA
940	Turbine Delivery Route Option 1	Cork	23275	TDR 25m Intervals	553662.62	622510.09	NA	NA	Yes	CHARLEVILLE STREAM_010	CHARLEVILLE STREAM_010	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	224.31	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
941	Turbine Delivery Route Option 1	Cork	23300	TDR 25m Intervals	553648.91	622530.99	NA	NA	Yes	CHARLEVILLE STREAM_010	CHARLEVILLE STREAM_010	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	248.53	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
942	Turbine Delivery Route Option 1	Cork	TDR_WCC_109		553638.74	622538.59	WCC		Yes	CHARLEVILLE STREAM_010	CHARLEVILLE STREAM_010	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	248.53	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
943	Turbine Delivery Route Option 1	Cork	23325	TDR 25m Intervals	553635.19	622551.89	NA	NA	Yes	CHARLEVILLE STREAM_010	CHARLEVILLE STREAM_010	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	272.89	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
944	Turbine Delivery Route Option 1	Cork	23350	TDR 25m Intervals	553621.47	622572.79	NA	NA	Yes	CHARLEVILLE STREAM_010	CHARLEVILLE STREAM_010	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	297.36	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
945	Turbine Delivery Route Option 1	Cork	23375	TDR 25m Intervals	553607.75	622593.69	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	321.91	No	No	No	No	No	Tile_09	NA
946	Turbine Delivery Route Option 1	Cork	23400	TDR 25m Intervals	553594.04	622614.59	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	346.53	No	No	No	No	No	Tile_09	NA
947	Turbine Delivery Route Option 1	Cork	23425	TDR 25m Intervals	553580.32	622635.49	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	371.20	No	No	No	No	No	Tile_09	NA
948	Turbine Delivery Route Option 1	Cork	23450	TDR 25m Intervals	553566.60	622656.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	395.91	No	No	No	No	No	Tile_09	NA
949	Turbine Delivery Route Option 1	Cork	23475	TDR 25m Intervals	553552.88	622677.29	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	420.65	No	No	No	No	No	Tile_09	NA
950	Turbine Delivery Route Option 1	Cork	23500	TDR 25m Intervals	553539.17	622698.19	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	445.43	No	No	No	No	No	Tile_09	NA
951	Turbine Delivery Route Option 1	Cork	23525	TDR 25m Intervals	553525.45	622719.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	470.22	No	No	No	No	No	Tile_09	NA
952	Turbine Delivery Route Option 1	Cork	23550	TDR 25m Intervals	553511.73	622739.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	495.04	No	No	No	No	No	Tile_09	NA
953	Turbine Delivery Route Option 1	Cork	23575	TDR 25m Intervals	553498.01	622760.89	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	519.88	No	No	No	No	No	Tile_09	NA
954	Turbine Delivery Route Option 1	Cork	23600	TDR 25m Intervals	553484.30	622781.79	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	544.73	No	No	No	No	No	Tile_09	NA
955	Turbine Delivery Route Option 1	Cork	23625	TDR 25m Intervals	553470.58	622802.69	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	569.60	No	No	No	No	No	Tile_09	NA
956	Turbine Delivery Route Option 1	Cork	23650	TDR 25m Intervals	553456.86	622823.59	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	594.47	No	No	No	No	No	Tile_09	NA
957	Turbine Delivery Route Option 1	Cork	23675	TDR 25m Intervals	553443.14	622844.49	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	619.36	No	No	No	No	No	Tile_09	NA
958	Turbine Delivery Route Option 1	Cork	23700	TDR 25m Intervals	553429.43	622865.40	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	625.24	No	No	No	No	No	Tile_09	NA
959	Turbine Delivery Route Option 1	Cork	23725	TDR 25m Intervals	553415.71	622886.30	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	617.48	No	No	No	No	No	Tile_09	NA
960	Turbine Delivery Route Option 1	Cork	23750	TDR 25m Intervals	553401.99	622907.20	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	610.64	No	No	No	No	No	Tile_09	NA
961	Turbine Delivery Route Option 1	Cork	23775	TDR 25m Intervals	553388.27	622928.10	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	604.77	No	No	No	No	No	Tile_09	NA
962	Turbine Delivery Route Option 1	Cork	23800	TDR 25m Intervals	553374.56	622949.00	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	599.87	No	No	No	No	No	Tile_09	NA
963	Turbine Delivery Route Option 1	Cork	23825	TDR 25m Intervals	553360.84	622969.90	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	595.99	No	No	No	No	No	Tile_09	NA
964	Turbine Delivery Route Option 1	Cork	23850	TDR 25m Intervals	553350.09	622991.43	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	590.43	No	No	No	No	No	Tile_09	NA
965	Turbine Delivery Route Option 1	Cork	23875	TDR 25m Intervals	553354.19	623016.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	572.03	No	No	No	No	No	Tile_09	NA
966	Turbine Delivery Route Option 1	Cork	23900	TDR 25m Intervals	553358.29	623040.75	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	554.15	No	No	No	No	No	Tile_09	NA
967	Turbine Delivery Route Option 1	Cork	23925	TDR 25m Intervals	553362.39	623065.41	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	536.84	No	No	No	No	No	Tile_09	NA
968	Turbine Delivery Route Option 1	Cork	23950	TDR 25m Intervals	553366.49	623090.07	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	520.16	No	No	No	No	No	Tile_09	NA
969	Turbine Delivery Route Option 1	Cork	23975	TDR 25m Intervals	553370.59	623114.73	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	504.16	No	No	No	No	No	Tile_09	NA
970	Turbine Delivery Route Option 1	Cork	24000	TDR 25m Intervals	553379.52	623137.42	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	485.53	No	No	No	No	No	Tile_09	NA
971	Turbine Delivery Route Option 1	Cork	24025	TDR 25m Intervals	553393.87	623157.89	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	463.50	No	No	No	No	No	Tile_09	NA
972	Turbine Delivery Route Option 1	Cork	24050	TDR 25m Intervals	553408.22	623178.36	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	441.79	No	No	No	No	No	Tile_09	NA
973	Turbine Delivery Route Option 1	Cork	24075	TDR 25m Intervals	553422.58	623198.83	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	420.45	No	No	No	No	No	Tile_09	NA
974	Turbine Delivery Route Option 1	Cork	24100	TDR 25m Intervals	553436.93	623219.30	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	399.53	No	No	No	No	No	Tile_09	NA
975	Turbine Delivery Route Option 1	Cork	24125	TDR 25m Intervals	553451.28	623239.77	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	379.10	No	No	No	No	No	Tile_09	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
976	Turbine Delivery Route Option 1	Cork	24150	TDR 25m Intervals	553465.63	623260.24	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	359.26	No	No	No	No	No	Tile_09	NA
977	Turbine Delivery Route Option 1	Cork	24175	TDR 25m Intervals	553475.81	623282.38	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	343.77	No	No	No	No	No	Tile_09	NA
978	Turbine Delivery Route Option 1	Cork	24200	TDR 25m Intervals	553479.52	623307.10	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	335.30	No	No	No	No	No	Tile_09	NA
979	Turbine Delivery Route Option 1	Cork	24225	TDR 25m Intervals	553483.23	623331.82	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	328.53	No	No	No	No	No	Tile_09	NA
980	Turbine Delivery Route Option 1	Cork	24250	TDR 25m Intervals	553486.94	623356.55	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	323.55	No	No	No	No	No	Tile_09	NA
981	Turbine Delivery Route Option 1	Cork	24275	TDR 25m Intervals	553490.65	623381.27	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	320.44	No	No	No	No	No	Tile_09	NA
982	Turbine Delivery Route Option 1	Cork	24300	TDR 25m Intervals	553494.36	623405.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	319.28	No	No	No	No	No	Tile_09	NA
983	Turbine Delivery Route Option 1	Cork	24325	TDR 25m Intervals	553498.07	623430.71	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	320.06	No	No	No	No	No	Tile_09	NA
984	Turbine Delivery Route Option 1	Cork	24350	TDR 25m Intervals	553501.78	623455.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	322.79	No	No	No	No	No	Tile_09	NA
985	Turbine Delivery Route Option 1	Cork	24375	TDR 25m Intervals	553505.49	623480.16	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	327.41	No	No	No	No	No	Tile_09	NA
986	Turbine Delivery Route Option 1	Cork	24400	TDR 25m Intervals	553509.20	623504.88	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	333.84	No	No	No	No	No	Tile_09	NA
987	Turbine Delivery Route Option 1	Cork	24425	TDR 25m Intervals	553512.91	623529.61	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	341.99	No	No	No	No	No	Tile_09	NA
988	Turbine Delivery Route Option 1	Cork	24450	TDR 25m Intervals	553516.62	623554.33	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	351.73	No	No	No	No	No	Tile_09	NA
989	Turbine Delivery Route Option 1	Cork	24475	TDR 25m Intervals	553520.33	623579.05	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	362.93	No	No	No	No	No	Tile_09	NA
990	Turbine Delivery Route Option 1	Cork	24500	TDR 25m Intervals	553524.04	623603.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	375.46	No	No	No	No	No	Tile_09	NA
991	Turbine Delivery Route Option 1	Cork	24525	TDR 25m Intervals	553527.74	623628.50	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	389.21	No	No	No	No	No	Tile_09	NA
992	Turbine Delivery Route Option 1	Cork	24550	TDR 25m Intervals	553531.45	623653.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	404.03	No	No	No	No	No	Tile_09	NA
993	Turbine Delivery Route Option 1	Cork	24575	TDR 25m Intervals	553535.17	623677.95	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	419.81	No	No	No	No	No	Tile_09	NA
994	Turbine Delivery Route Option 1	Cork	24600	TDR 25m Intervals	553538.87	623702.67	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	436.46	No	No	No	No	No	Tile_09	NA
995	Turbine Delivery Route Option 1	Cork	24625	TDR 25m Intervals	553540.52	623727.50	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	455.19	No	No	No	No	No	Tile_09	NA
996	Turbine Delivery Route Option 1	Cork	24650	TDR 25m Intervals	553539.47	623752.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	476.14	No	No	No	No	No	Tile_09	NA
997	Turbine Delivery Route Option 1	Cork	24675	TDR 25m Intervals	553538.42	623777.46	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	497.46	No	No	No	No	No	Tile_09	NA
998	Turbine Delivery Route Option 1	Cork	24700	TDR 25m Intervals	553537.37	623802.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	519.10	No	No	No	No	No	Tile_09	NA
999	Turbine Delivery Route Option 1	Cork	24725	TDR 25m Intervals	553536.32	623827.42	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	541.04	No	No	No	No	No	Tile_09	NA
1000	Turbine Delivery Route Option 1	Cork	24750	TDR 25m Intervals	553535.27	623852.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	563.23	No	No	No	No	No	Tile_09	NA
1001	Turbine Delivery Route Option 1	Cork	24775	TDR 25m Intervals	553534.22	623877.37	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	585.65	No	No	No	No	No	Tile_09	NA
1002	Turbine Delivery Route Option 1	Cork	24800	TDR 25m Intervals	553533.17	623902.35	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	608.27	No	No	No	No	No	Tile_10	NA
1003	Turbine Delivery Route Option 1	Cork	24825	TDR 25m Intervals	553532.12	623927.33	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	631.07	No	No	No	No	No	Tile_10	NA
1004	Turbine Delivery Route Option 1	Cork	24850	TDR 25m Intervals	553531.07	623952.31	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	654.03	No	No	No	No	No	Tile_10	NA
1005	Turbine Delivery Route Option 1	Cork	24875	TDR 25m Intervals	553530.02	623977.28	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	677.14	No	No	No	No	No	Tile_10	NA
1006	Turbine Delivery Route Option 1	Cork	24900	TDR 25m Intervals	553528.97	624002.26	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	700.38	No	No	No	No	No	Tile_10	NA
1007	Turbine Delivery Route Option 1	Cork	24925	TDR 25m Intervals	553527.93	624027.24	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	723.73	No	No	No	No	No	Tile_10	NA
1008	Turbine Delivery Route Option 1	Cork	24950	TDR 25m Intervals	553526.88	624052.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	747.19	No	No	No	No	No	Tile_10	NA
1009	Turbine Delivery Route Option 1	Cork	24975	TDR 25m Intervals	553525.83	624077.20	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	770.75	No	No	No	No	No	Tile_10	NA
1010	Turbine Delivery Route Option 1	Cork	25000	TDR 25m Intervals	553524.78	624102.17	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	794.39	No	No	No	No	No	Tile_10	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1011	Turbine Delivery Route Option 1	Cork	25025	TDR 25m Intervals	553523.73	624127.15	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	818.12	No	No	No	No	No	Tile_10	NA
1012	Turbine Delivery Route Option 1	Cork	25050	TDR 25m Intervals	553522.68	624152.13	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	841.92	No	No	No	No	No	Tile_10	NA
1013	Turbine Delivery Route Option 1	Cork	25075	TDR 25m Intervals	553521.63	624177.11	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	865.79	No	No	No	No	No	Tile_10	NA
1014	Turbine Delivery Route Option 1	Cork	25100	TDR 25m Intervals	553520.58	624202.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	889.72	No	No	No	No	No	Tile_10	NA
1015	Turbine Delivery Route Option 1	Cork	25125	TDR 25m Intervals	553519.53	624227.06	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	913.71	No	No	No	No	No	Tile_10	NA
1016	Turbine Delivery Route Option 1	Cork	25150	TDR 25m Intervals	553518.48	624252.04	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	937.75	No	No	No	No	No	Tile_10	NA
1017	Turbine Delivery Route Option 1	Cork	25175	TDR 25m Intervals	553517.43	624277.02	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	961.84	No	No	No	No	No	Tile_10	NA
1018	Turbine Delivery Route Option 1	Cork	25200	TDR 25m Intervals	553516.38	624302.00	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	985.98	No	No	No	No	No	Tile_10	NA
1019	Turbine Delivery Route Option 1	Cork	25225	TDR 25m Intervals	553515.95	624326.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1010.00	No	No	No	No	No	Tile_10	NA
1020	Turbine Delivery Route Option 1	Cork	25250	TDR 25m Intervals	553515.55	624351.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1034.05	No	No	No	No	No	Tile_10	NA
1021	Turbine Delivery Route Option 1	Cork	25275	TDR 25m Intervals	553515.14	624376.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1058.15	No	No	No	No	No	Tile_10	NA
1022	Turbine Delivery Route Option 1	Cork	25300	TDR 25m Intervals	553514.74	624401.98	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1082.29	No	No	No	No	No	Tile_10	NA
1023	Turbine Delivery Route Option 1	Cork	25325	TDR 25m Intervals	553514.34	624426.98	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1098.47	No	No	No	No	No	Tile_10	NA
1024	Turbine Delivery Route Option 1	Cork	25350	TDR 25m Intervals	553513.94	624451.98	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1092.12	No	No	No	No	No	Tile_10	NA
1025	Turbine Delivery Route Option 1	Cork	25375	TDR 25m Intervals	553513.54	624476.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1086.30	No	No	No	No	No	Tile_10	NA
1026	Turbine Delivery Route Option 1	Cork	25400	TDR 25m Intervals	553513.13	624501.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1081.03	No	No	No	No	No	Tile_10	NA
1027	Turbine Delivery Route Option 1	Cork	25425	TDR 25m Intervals	553512.73	624526.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1076.32	No	No	No	No	No	Tile_10	NA
1028	Turbine Delivery Route Option 1	Cork	25450	TDR 25m Intervals	553513.22	624551.95	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1073.05	No	No	No	No	No	Tile_10	NA
1029	Turbine Delivery Route Option 1	Cork	25475	TDR 25m Intervals	553514.68	624576.90	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1071.32	No	No	No	No	No	Tile_10	NA
1030	Turbine Delivery Route Option 1	Cork	25500	TDR 25m Intervals	553516.13	624601.86	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1070.17	No	No	No	No	No	Tile_10	NA
1031	Turbine Delivery Route Option 1	Cork	25525	TDR 25m Intervals	553517.59	624626.82	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1069.61	No	No	No	No	No	Tile_10	NA
1032	Turbine Delivery Route Option 1	Cork	25550	TDR 25m Intervals	553519.05	624651.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1069.63	No	No	No	No	No	Tile_10	NA
1033	Turbine Delivery Route Option 1	Cork	25575	TDR 25m Intervals	553520.50	624676.73	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1070.24	No	No	No	No	No	Tile_10	NA
1034	Turbine Delivery Route Option 1	Cork	25600	TDR 25m Intervals	553521.96	624701.69	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1071.42	No	No	No	No	No	Tile_10	NA
1035	Turbine Delivery Route Option 1	Cork	25625	TDR 25m Intervals	553523.42	624726.65	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1073.19	No	No	No	No	No	Tile_10	NA
1036	Turbine Delivery Route Option 1	Cork	25650	TDR 25m Intervals	553524.88	624751.60	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1075.54	No	No	No	No	No	Tile_10	NA
1037	Turbine Delivery Route Option 1	Cork	25675	TDR 25m Intervals	553526.33	624776.56	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1078.46	No	No	No	No	No	Tile_10	NA
1038	Turbine Delivery Route Option 1	Cork	25700	TDR 25m Intervals	553527.79	624801.52	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1081.96	No	No	No	No	No	Tile_10	NA
1039	Turbine Delivery Route Option 1	Cork	25725	TDR 25m Intervals	553529.25	624826.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1086.02	No	No	No	No	No	Tile_10	NA
1040	Turbine Delivery Route Option 1	Cork	25750	TDR 25m Intervals	553530.70	624851.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1090.63	No	No	No	No	No	Tile_10	NA
1041	Turbine Delivery Route Option 1	Cork	25775	TDR 25m Intervals	553532.16	624876.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1095.80	No	No	No	No	No	Tile_10	NA
1042	Turbine Delivery Route Option 1	Cork	25800	TDR 25m Intervals	553533.62	624901.35	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1101.51	No	No	No	No	No	Tile_10	NA
1043	Turbine Delivery Route Option 1	Cork	25825	TDR 25m Intervals	553535.08	624926.31	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1107.76	No	No	No	No	No	Tile_10	NA
1044	Turbine Delivery Route Option 1	Cork	25850	TDR 25m Intervals	553536.53	624951.27	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1114.53	No	No	No	No	No	Tile_10	NA
1045	Turbine Delivery Route Option 1	Cork	25875	TDR 25m Intervals	553537.99	624976.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1121.82	No	No	No	No	No	Tile_10	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1046	Turbine Delivery Route Option 1	Cork	25900	TDR 25m Intervals	553539.45	625001.18	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1129.61	No	No	No	No	No	Tile_10	NA
1047	Turbine Delivery Route Option 1	Cork	25925	TDR 25m Intervals	553540.91	625026.14	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1137.90	No	No	No	No	No	Tile_10	NA
1048	Turbine Delivery Route Option 1	Cork	25950	TDR 25m Intervals	553542.36	625051.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1146.68	No	No	No	No	No	Tile_10	NA
1049	Turbine Delivery Route Option 1	Cork	25975	TDR 25m Intervals	553543.82	625076.05	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1155.93	No	No	No	No	No	Tile_10	NA
1050	Turbine Delivery Route Option 1	Cork	26000	TDR 25m Intervals	553545.28	625101.01	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1165.64	No	No	No	No	No	Tile_10	NA
1051	Turbine Delivery Route Option 1	Cork	26025	TDR 25m Intervals	553546.73	625125.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1175.81	No	No	No	No	No	Tile_10	NA
1052	Turbine Delivery Route Option 1	Cork	26050	TDR 25m Intervals	553548.19	625150.93	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1186.41	No	No	No	No	No	Tile_10	NA
1053	Turbine Delivery Route Option 1	Cork	26075	TDR 25m Intervals	553549.65	625175.88	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1197.45	No	No	No	No	No	Tile_10	NA
1054	Turbine Delivery Route Option 1	Cork	26100	TDR 25m Intervals	553551.18	625200.84	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1208.96	No	No	No	No	No	Tile_10	NA
1055	Turbine Delivery Route Option 1	Cork	26125	TDR 25m Intervals	553552.79	625225.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1220.95	No	No	No	No	No	Tile_10	NA
1056	Turbine Delivery Route Option 1	Cork	26150	TDR 25m Intervals	553554.41	625250.73	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1233.33	No	No	No	No	No	Tile_10	NA
1057	Turbine Delivery Route Option 1	Cork	26175	TDR 25m Intervals	553556.02	625275.68	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1246.09	No	No	No	No	No	Tile_10	NA
1058	Turbine Delivery Route Option 1	Cork	26200	TDR 25m Intervals	553557.63	625300.63	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1259.22	No	No	No	No	No	Tile_10	NA
1059	Turbine Delivery Route Option 1	Cork	26225	TDR 25m Intervals	553559.25	625325.57	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1272.71	No	No	No	No	No	Tile_10	NA
1060	Turbine Delivery Route Option 1	Cork	26250	TDR 25m Intervals	553560.86	625350.52	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1286.53	No	No	No	No	No	Tile_10	NA
1061	Turbine Delivery Route Option 1	Cork	26275	TDR 25m Intervals	553562.48	625375.47	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1300.70	No	No	No	No	No	Tile_10	NA
1062	Turbine Delivery Route Option 1	Cork	26300	TDR 25m Intervals	553564.09	625400.42	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1315.18	No	No	No	No	No	Tile_10	NA
1063	Turbine Delivery Route Option 1	Cork	26325	TDR 25m Intervals	553565.71	625425.37	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1329.98	No	No	No	No	No	Tile_10	NA
1064	Turbine Delivery Route Option 1	Cork	26350	TDR 25m Intervals	553567.32	625450.31	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1345.08	No	No	No	No	No	Tile_10	NA
1065	Turbine Delivery Route Option 1	Cork	26375	TDR 25m Intervals	553566.06	625475.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1358.01	No	No	No	No	No	Tile_10	NA
1066	Turbine Delivery Route Option 1	Cork	26400	TDR 25m Intervals	553561.47	625499.66	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1368.45	No	No	No	No	No	Tile_10	NA
1067	Turbine Delivery Route Option 1	Cork	26425	TDR 25m Intervals	553556.88	625524.24	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1379.26	No	No	No	No	No	Tile_10	NA
1068	Turbine Delivery Route Option 1	Cork	26450	TDR 25m Intervals	553552.29	625548.81	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1390.43	No	No	No	No	No	Tile_10	NA
1069	Turbine Delivery Route Option 1	Cork	26475	TDR 25m Intervals	553547.70	625573.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1401.97	No	No	No	No	No	Tile_10	NA
1070	Turbine Delivery Route Option 1	Cork	26500	TDR 25m Intervals	553543.11	625597.96	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1413.85	No	No	No	No	No	Tile_10	NA
1071	Turbine Delivery Route Option 1	Cork	26525	TDR 25m Intervals	553538.52	625622.54	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1426.07	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1072	Turbine Delivery Route Option 1	Cork	26550	TDR 25m Intervals	553533.93	625647.11	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1438.62	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1073	Turbine Delivery Route Option 1	Limerick		TDR_WCC_110	553527.52	625669.93	WCC		Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1438.62	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1074	Turbine Delivery Route Option 1	Limerick	26575	TDR 25m Intervals	553531.70	625671.89	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1453.38	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1075	Turbine Delivery Route Option 1	Limerick	26600	TDR 25m Intervals	553532.10	625696.89	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1470.50	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1076	Turbine Delivery Route Option 1	Limerick	26625	TDR 25m Intervals	553532.50	625721.88	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1487.84	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1077	Turbine Delivery Route Option 1	Limerick	26650	TDR 25m Intervals	553532.90	625746.88	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1505.40	No	No	No	No	No	Tile_10	NA
1078	Turbine Delivery Route Option 1	Limerick	26675	TDR 25m Intervals	553533.30	625771.88	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1523.17	No	No	No	No	No	Tile_10	NA
1079	Turbine Delivery Route Option 1	Limerick	26700	TDR 25m Intervals	553533.70	625796.87	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1541.13	No	No	No	No	No	Tile_10	NA
1080	Turbine Delivery Route Option 1	Limerick	26725	TDR 25m Intervals	553534.10	625821.87	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1559.30	No	No	No	No	No	Tile_10	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1081	Turbine Delivery Route Option 1	Limerick	26750	TDR 25m Intervals	553534.50	625846.87	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1577.64	No	No	No	No	No	Tile_10	NA
1082	Turbine Delivery Route Option 1	Limerick	26775	TDR 25m Intervals	553534.90	625871.86	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1596.17	No	No	No	No	No	Tile_10	NA
1083	Turbine Delivery Route Option 1	Limerick	26800	TDR 25m Intervals	553535.30	625896.86	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1614.88	No	No	No	No	No	Tile_10	NA
1084	Turbine Delivery Route Option 1	Limerick	26825	TDR 25m Intervals	553535.70	625921.86	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1633.75	No	No	No	No	No	Tile_10	NA
1085	Turbine Delivery Route Option 1	Limerick	26850	TDR 25m Intervals	553536.10	625946.85	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1652.78	No	No	No	No	No	Tile_10	NA
1086	Turbine Delivery Route Option 1	Limerick	26875	TDR 25m Intervals	553536.50	625971.85	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1671.98	No	No	No	No	No	Tile_10	NA
1087	Turbine Delivery Route Option 1	Limerick	26900	TDR 25m Intervals	553535.77	625996.72	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1690.50	No	No	No	No	No	Tile_10	NA
1088	Turbine Delivery Route Option 1	Limerick	26925	TDR 25m Intervals	553529.70	626020.97	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1705.32	No	No	No	No	No	Tile_10	NA
1089	Turbine Delivery Route Option 1	Limerick	26950	TDR 25m Intervals	553523.64	626045.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1720.38	No	No	No	No	No	Tile_10	NA
1090	Turbine Delivery Route Option 1	Limerick	26975	TDR 25m Intervals	553517.57	626069.47	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1735.67	No	No	No	No	No	Tile_10	NA
1091	Turbine Delivery Route Option 1	Limerick	27000	TDR 25m Intervals	553511.50	626093.73	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1751.18	No	No	No	No	No	Tile_10	NA
1092	Turbine Delivery Route Option 1	Limerick	27025	TDR 25m Intervals	553505.43	626117.98	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1766.90	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1093	Turbine Delivery Route Option 1	Limerick	27050	TDR 25m Intervals	553499.36	626142.23	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1782.84	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1094	Turbine Delivery Route Option 1	Limerick	27075	TDR 25m Intervals	553493.30	626166.48	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1798.99	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1095	Turbine Delivery Route Option 1	Limerick	27100	TDR 25m Intervals	553487.23	626190.74	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1815.34	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1096	Turbine Delivery Route Option 1	Limerick	27125	TDR 25m Intervals	553481.16	626214.99	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1831.88	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1097	Turbine Delivery Route Option 1	Limerick	27150	TDR 25m Intervals	553475.09	626239.24	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1848.61	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1098	Turbine Delivery Route Option 1	Limerick	27175	TDR 25m Intervals	553469.02	626263.49	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1865.53	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1099	Turbine Delivery Route Option 1	Limerick	27200	TDR 25m Intervals	553462.95	626287.75	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1882.63	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1100	Turbine Delivery Route Option 1	Limerick	27225	TDR 25m Intervals	553456.89	626312.00	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1899.91	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1101	Turbine Delivery Route Option 1	Limerick	27250	TDR 25m Intervals	553450.82	626336.25	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1917.35	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1102	Turbine Delivery Route Option 1	Limerick	27275	TDR 25m Intervals	553444.75	626360.50	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1934.96	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1103	Turbine Delivery Route Option 1	Limerick	27300	TDR 25m Intervals	553438.68	626384.76	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1952.73	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1104	Turbine Delivery Route Option 1	Limerick	27325	TDR 25m Intervals	553432.61	626409.01	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1970.66	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1105	Turbine Delivery Route Option 1	Limerick	27350	TDR 25m Intervals	553426.55	626433.26	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	1988.74	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1106	Turbine Delivery Route Option 1	Limerick	27375	TDR 25m Intervals	553420.48	626457.51	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2006.97	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1107	Turbine Delivery Route Option 1	Limerick	27400	TDR 25m Intervals	553414.41	626481.77	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2025.34	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1108	Turbine Delivery Route Option 1	Limerick	27425	TDR 25m Intervals	553408.34	626506.02	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2043.86	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1109	Turbine Delivery Route Option 1	Limerick	27450	TDR 25m Intervals	553402.28	626530.27	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2062.51	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1110	Turbine Delivery Route Option 1	Limerick	27475	TDR 25m Intervals	553396.21	626554.52	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2081.29	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1111	Turbine Delivery Route Option 1	Limerick	27500	TDR 25m Intervals	553390.14	626578.78	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2100.21	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1112	Turbine Delivery Route Option 1	Limerick	27525	TDR 25m Intervals	553384.07	626603.03	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2119.25	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1113	Turbine Delivery Route Option 1	Limerick	27550	TDR 25m Intervals	553378.00	626627.28	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2138.41	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1114	Turbine Delivery Route Option 1	Limerick	27575	TDR 25m Intervals	553371.93	626651.53	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2157.69	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1115	Turbine Delivery Route Option 1	Limerick	27600	TDR 25m Intervals	553365.87	626675.79	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2177.09	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1116	Turbine Delivery Route Option 1	Limerick	27625	TDR 25m Intervals	553359.80	626700.04	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2196.61	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1117	Turbine Delivery Route Option 1	Limerick	27650	TDR 25m Intervals	553353.73	626724.29	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2216.23	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1118	Turbine Delivery Route Option 1	Limerick	27675	TDR 25m Intervals	553347.66	626748.54	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2235.96	No	No	No	No	No	Tile_11	ELEVATED RISK Regionally Important Aquifer
1119	Turbine Delivery Route Option 1	Limerick	27700	TDR 25m Intervals	553341.59	626772.79	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2255.80	No	No	No	No	No	Tile_11	ELEVATED RISK Regionally Important Aquifer
1120	Turbine Delivery Route Option 1	Limerick	27725	TDR 25m Intervals	553337.82	626797.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2277.03	No	No	No	No	No	Tile_11	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1121	Turbine Delivery Route Option 1	Limerick	27750	TDR 25m Intervals	553334.56	626822.27	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2298.62	No	No	No	No	No	Tile_11	ELEVATED RISK Regionally Important Aquifer
1122	Turbine Delivery Route Option 1	Limerick	27775	TDR 25m Intervals	553331.30	626847.06	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	2320.29	No	No	No	No	No	Tile_11	ELEVATED RISK Regionally Important Aquifer
1123	Turbine Delivery Route Option 1	Limerick	27800	TDR 25m Intervals	553328.04	626871.84	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2342.02	No	No	No	No	No	Tile_11	NA
1124	Turbine Delivery Route Option 1	Limerick	27825	TDR 25m Intervals	553326.59	626896.61	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2364.47	No	No	No	No	No	Tile_11	NA
1125	Turbine Delivery Route Option 1	Limerick	27850	TDR 25m Intervals	553330.35	626921.33	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2388.83	No	No	No	No	No	Tile_11	NA
1126	Turbine Delivery Route Option 1	Limerick	27875	TDR 25m Intervals	553334.11	626946.04	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2413.20	No	No	No	No	No	Tile_11	NA
1127	Turbine Delivery Route Option 1	Limerick	27900	TDR 25m Intervals	553337.87	626970.76	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2437.59	No	No	No	No	No	Tile_11	NA
1128	Turbine Delivery Route Option 1	Limerick	27925	TDR 25m Intervals	553341.63	626995.47	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2461.98	No	No	No	No	No	Tile_11	NA
1129	Turbine Delivery Route Option 1	Limerick	27950	TDR 25m Intervals	553345.39	627020.19	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2486.40	No	No	No	No	No	Tile_11	NA
1130	Turbine Delivery Route Option 1	Limerick	27975	TDR 25m Intervals	553349.14	627044.91	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2510.82	No	No	No	No	No	Tile_11	NA
1131	Turbine Delivery Route Option 1	Limerick	28000	TDR 25m Intervals	553352.49	627069.67	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2535.14	No	No	No	No	No	Tile_11	NA
1132	Turbine Delivery Route Option 1	Limerick	28025	TDR 25m Intervals	553353.87	627094.63	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2558.98	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1133	Turbine Delivery Route Option 1	Limerick	28050	TDR 25m Intervals	553355.25	627119.59	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2582.84	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1134	Turbine Delivery Route Option 1	Limerick		TDR_WCC_111	553353.90	627138.88	WCC		Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2582.84	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1135	Turbine Delivery Route Option 1	Limerick	28075	TDR 25m Intervals	553356.63	627144.55	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2606.71	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1136	Turbine Delivery Route Option 1	Limerick	28100	TDR 25m Intervals	553358.01	627169.51	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2630.61	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1137	Turbine Delivery Route Option 1	Limerick	28125	TDR 25m Intervals	553359.39	627194.47	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2654.53	No	No	No	No	No	Tile_11	NA
1138	Turbine Delivery Route Option 1	Limerick	28150	TDR 25m Intervals	553360.77	627219.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2678.47	No	No	No	No	No	Tile_11	NA
1139	Turbine Delivery Route Option 1	Limerick	28175	TDR 25m Intervals	553362.15	627244.40	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2702.43	No	No	No	No	No	Tile_11	NA
1140	Turbine Delivery Route Option 1	Limerick	28200	TDR 25m Intervals	553363.53	627269.36	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2726.41	No	No	No	No	No	Tile_11	NA
1141	Turbine Delivery Route Option 1	Limerick	28225	TDR 25m Intervals	553364.91	627294.32	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2750.40	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1142	Turbine Delivery Route Option 1	Limerick	28250	TDR 25m Intervals	553366.29	627319.28	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2774.42	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1143	Turbine Delivery Route Option 1	Limerick		TDR_WCC_112	553367.85	627333.42	WCC		Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2774.42	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1144	Turbine Delivery Route Option 1	Limerick	28275	TDR 25m Intervals	553367.67	627344.25	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2798.45	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1145	Turbine Delivery Route Option 1	Limerick	28300	TDR 25m Intervals	553369.05	627369.21	NA	NA	Yes	CHARLEVILLE STREAM_020	CHARLEVILLE STREAM_020	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2822.49	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1146	Turbine Delivery Route Option 1	Limerick	28325	TDR 25m Intervals	553370.43	627394.17	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2846.56	No	No	No	No	No	Tile_11	NA
1147	Turbine Delivery Route Option 1	Limerick	28350	TDR 25m Intervals	553371.81	627419.13	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2870.64	No	No	No	No	No	Tile_11	NA
1148	Turbine Delivery Route Option 1	Limerick	28375	TDR 25m Intervals	553373.19	627444.09	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2894.73	No	No	No	No	No	Tile_11	NA
1149	Turbine Delivery Route Option 1	Limerick	28400	TDR 25m Intervals	553374.57	627469.06	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2918.85	No	No	No	No	No	Tile_11	NA
1150	Turbine Delivery Route Option 1	Limerick	28425	TDR 25m Intervals	553375.95	627494.02	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2942.97	No	No	No	No	No	Tile_11	NA
1151	Turbine Delivery Route Option 1	Limerick	28450	TDR 25m Intervals	553377.33	627518.98	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2967.11	No	No	No	No	No	Tile_11	NA
1152	Turbine Delivery Route Option 1	Limerick	28475	TDR 25m Intervals	553378.71	627543.94	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2991.27	No	No	No	No	No	Tile_11	NA
1153	Turbine Delivery Route Option 1	Limerick	28500	TDR 25m Intervals	553380.09	627568.90	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3015.44	No	No	No	No	No	Tile_11	NA
1154	Turbine Delivery Route Option 1	Limerick	28525	TDR 25m Intervals	553381.47	627593.86	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3039.62	No	No	No	No	No	Tile_11	NA
1155	Turbine Delivery Route Option 1	Limerick	28550	TDR 25m Intervals	553382.85	627618.83	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3063.81	No	No	No	No	No	Tile_11	NA
1156	Turbine Delivery Route Option 1	Limerick	28575	TDR 25m Intervals	553384.23	627643.79	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3088.02	No	No	No	No	No	Tile_11	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1157	Turbine Delivery Route Option 1	Limerick	28600	TDR 25m Intervals	553385.61	627668.75	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3112.24	No	No	No	No	No	Tile_11	NA
1158	Turbine Delivery Route Option 1	Limerick	28625	TDR 25m Intervals	553386.99	627693.71	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3136.47	No	No	No	No	No	Tile_11	NA
1159	Turbine Delivery Route Option 1	Limerick	28650	TDR 25m Intervals	553388.37	627718.67	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3160.72	No	No	No	No	No	Tile_11	NA
1160	Turbine Delivery Route Option 1	Limerick	28675	TDR 25m Intervals	553389.75	627743.64	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3184.98	No	No	No	No	No	Tile_11	NA
1161	Turbine Delivery Route Option 1	Limerick	28700	TDR 25m Intervals	553391.13	627768.60	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3209.24	No	No	No	No	No	Tile_11	NA
1162	Turbine Delivery Route Option 1	Limerick	28725	TDR 25m Intervals	553392.51	627793.56	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3233.52	No	No	No	No	No	Tile_11	NA
1163	Turbine Delivery Route Option 1	Limerick	28750	TDR 25m Intervals	553393.89	627818.52	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3257.81	No	No	No	No	No	Tile_11	NA
1164	Turbine Delivery Route Option 1	Limerick	28775	TDR 25m Intervals	553395.27	627843.48	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3282.11	No	No	No	No	No	Tile_11	NA
1165	Turbine Delivery Route Option 1	Limerick	28800	TDR 25m Intervals	553396.65	627868.44	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3306.43	No	No	No	No	No	Tile_11	NA
1166	Turbine Delivery Route Option 1	Limerick	28825	TDR 25m Intervals	553398.03	627893.41	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3330.75	No	No	No	No	No	Tile_11	NA
1167	Turbine Delivery Route Option 1	Limerick	28850	TDR 25m Intervals	553399.41	627918.37	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3355.08	No	No	No	No	No	Tile_11	NA
1168	Turbine Delivery Route Option 1	Limerick	28875	TDR 25m Intervals	553400.79	627943.33	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3379.42	No	No	No	No	No	Tile_11	NA
1169	Turbine Delivery Route Option 1	Limerick	28900	TDR 25m Intervals	553402.17	627968.29	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3403.77	No	No	No	No	No	Tile_11	NA
1170	Turbine Delivery Route Option 1	Limerick	28925	TDR 25m Intervals	553403.55	627993.26	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3428.13	No	No	No	No	No	Tile_11	NA
1171	Turbine Delivery Route Option 1	Limerick	28950	TDR 25m Intervals	553404.93	628018.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3452.50	No	No	No	No	No	Tile_11	NA
1172	Turbine Delivery Route Option 1	Limerick	28975	TDR 25m Intervals	553406.31	628043.18	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3476.88	No	No	No	No	No	Tile_11	NA
1173	Turbine Delivery Route Option 1	Limerick	29000	TDR 25m Intervals	553407.69	628068.14	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3501.27	No	No	No	No	No	Tile_11	NA
1174	Turbine Delivery Route Option 1	Limerick	29025	TDR 25m Intervals	553409.07	628093.10	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3525.67	No	No	No	No	No	Tile_11	NA
1175	Turbine Delivery Route Option 1	Limerick	29050	TDR 25m Intervals	553410.45	628118.06	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3550.07	No	No	No	No	No	Tile_11	NA
1176	Turbine Delivery Route Option 1	Limerick	29075	TDR 25m Intervals	553411.83	628143.03	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3574.48	No	No	No	No	No	Tile_11	NA
1177	Turbine Delivery Route Option 1	Limerick	29100	TDR 25m Intervals	553413.21	628167.99	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3598.91	No	No	No	No	No	Tile_11	NA
1178	Turbine Delivery Route Option 1	Limerick	29125	TDR 25m Intervals	553414.39	628192.96	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3623.29	No	No	No	No	No	Tile_11	NA
1179	Turbine Delivery Route Option 1	Limerick	29150	TDR 25m Intervals	553415.47	628217.94	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3647.66	No	No	No	No	No	Tile_11	NA
1180	Turbine Delivery Route Option 1	Limerick	29175	TDR 25m Intervals	553416.54	628242.91	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3672.04	No	No	No	No	No	Tile_11	NA
1181	Turbine Delivery Route Option 1	Limerick	29200	TDR 25m Intervals	553417.61	628267.89	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3696.43	No	No	No	No	No	Tile_11	NA
1182	Turbine Delivery Route Option 1	Limerick	29225	TDR 25m Intervals	553418.69	628292.87	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3720.82	No	No	No	No	No	Tile_11	NA
1183	Turbine Delivery Route Option 1	Limerick	29250	TDR 25m Intervals	553419.76	628317.84	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3745.23	No	No	No	No	No	Tile_11	NA
1184	Turbine Delivery Route Option 1	Limerick	29275	TDR 25m Intervals	553420.83	628342.82	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3769.64	No	No	No	No	No	Tile_11	NA
1185	Turbine Delivery Route Option 1	Limerick	29300	TDR 25m Intervals	553421.91	628367.80	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3794.06	No	No	No	No	No	Tile_11	NA
1186	Turbine Delivery Route Option 1	Limerick	29325	TDR 25m Intervals	553422.98	628392.78	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3818.49	No	No	No	No	No	Tile_11	NA
1187	Turbine Delivery Route Option 1	Limerick	29350	TDR 25m Intervals	553424.05	628417.75	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3842.92	No	No	No	No	No	Tile_11	NA
1188	Turbine Delivery Route Option 1	Limerick	29375	TDR 25m Intervals	553425.13	628442.73	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3867.36	No	No	No	No	No	Tile_11	NA
1189	Turbine Delivery Route Option 1	Limerick	29400	TDR 25m Intervals	553426.20	628467.71	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3891.81	No	No	No	No	No	Tile_11	NA
1190	Turbine Delivery Route Option 1	Limerick	29425	TDR 25m Intervals	553427.27	628492.68	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3916.27	No	No	No	No	No	Tile_11	NA
1191	Turbine Delivery Route Option 1	Limerick	29450	TDR 25m Intervals	553428.34	628517.66	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3940.73	No	No	No	No	No	Tile_11	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1192	Turbine Delivery Route Option 1	Limerick	29475	TDR 25m Intervals	553429.42	628542.64	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3965.20	No	No	No	No	No	Tile_12	NA
1193	Turbine Delivery Route Option 1	Limerick	29500	TDR 25m Intervals	553430.49	628567.61	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3989.67	No	No	No	No	No	Tile_12	NA
1194	Turbine Delivery Route Option 1	Limerick	29525	TDR 25m Intervals	553431.56	628592.59	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4014.16	No	No	No	No	No	Tile_12	NA
1195	Turbine Delivery Route Option 1	Limerick	29550	TDR 25m Intervals	553432.64	628617.57	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4038.65	No	No	No	No	No	Tile_12	NA
1196	Turbine Delivery Route Option 1	Limerick	29575	TDR 25m Intervals	553433.71	628642.55	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4063.14	No	No	No	No	No	Tile_12	NA
1197	Turbine Delivery Route Option 1	Limerick	29600	TDR 25m Intervals	553434.78	628667.52	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4087.64	No	No	No	No	No	Tile_12	NA
1198	Turbine Delivery Route Option 1	Limerick	29625	TDR 25m Intervals	553435.86	628692.50	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4112.15	No	No	No	No	No	Tile_12	NA
1199	Turbine Delivery Route Option 1	Limerick	29650	TDR 25m Intervals	553436.93	628717.47	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4136.66	No	No	No	No	No	Tile_12	NA
1200	Turbine Delivery Route Option 1	Limerick	29675	TDR 25m Intervals	553438.00	628742.45	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4161.18	No	No	No	No	No	Tile_12	NA
1201	Turbine Delivery Route Option 1	Limerick	29700	TDR 25m Intervals	553436.94	628767.42	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4185.19	No	No	No	No	No	Tile_12	NA
1202	Turbine Delivery Route Option 1	Limerick	29725	TDR 25m Intervals	553435.65	628792.39	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4209.16	No	No	No	No	No	Tile_12	NA
1203	Turbine Delivery Route Option 1	Limerick	29750	TDR 25m Intervals	553434.36	628817.35	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4233.14	No	No	No	No	No	Tile_12	NA
1204	Turbine Delivery Route Option 1	Limerick	29775	TDR 25m Intervals	553433.08	628842.32	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4257.14	No	No	No	No	No	Tile_12	NA
1205	Turbine Delivery Route Option 1	Limerick	29800	TDR 25m Intervals	553431.79	628867.29	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4281.14	No	No	No	No	No	Tile_12	NA
1206	Turbine Delivery Route Option 1	Limerick	29825	TDR 25m Intervals	553430.50	628892.25	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4305.16	No	No	No	No	No	Tile_12	NA
1207	Turbine Delivery Route Option 1	Limerick	29850	TDR 25m Intervals	553429.21	628917.22	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4329.19	No	No	No	No	No	Tile_12	NA
1208	Turbine Delivery Route Option 1	Limerick	29875	TDR 25m Intervals	553426.14	628942.00	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4352.64	No	No	No	No	No	Tile_12	NA
1209	Turbine Delivery Route Option 1	Limerick	29900	TDR 25m Intervals	553422.19	628966.68	NA	NA	No	NA	CHARLEVILLE STREAM_	Maigue_SC_010	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4375.82	No	No	No	No	No	Tile_12	NA
1210	Turbine Delivery Route Option 1	Limerick	29925	TDR 25m Intervals	553418.23	628991.37	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4399.03	No	No	No	No	No	Tile_12	NA
1211	Turbine Delivery Route Option 1	Limerick	29950	TDR 25m Intervals	553414.27	629016.05	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4422.25	No	No	No	No	No	Tile_12	NA
1212	Turbine Delivery Route Option 1	Limerick	29975	TDR 25m Intervals	553410.32	629040.74	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4445.49	No	No	No	No	No	Tile_12	NA
1213	Turbine Delivery Route Option 1	Limerick	30000	TDR 25m Intervals	553406.36	629065.42	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4468.76	No	No	No	No	No	Tile_12	NA
1214	Turbine Delivery Route Option 1	Limerick	30025	TDR 25m Intervals	553402.40	629090.11	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4492.04	No	No	No	No	No	Tile_12	NA
1215	Turbine Delivery Route Option 1	Limerick	30050	TDR 25m Intervals	553396.10	629114.30	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4514.36	No	No	No	No	No	Tile_12	NA
1216	Turbine Delivery Route Option 1	Limerick	30075	TDR 25m Intervals	553389.69	629138.46	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4536.66	No	No	No	No	No	Tile_12	NA
1217	Turbine Delivery Route Option 1	Limerick	30100	TDR 25m Intervals	553383.27	629162.62	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4558.98	No	No	No	No	No	Tile_12	NA
1218	Turbine Delivery Route Option 1	Limerick	30125	TDR 25m Intervals	553376.85	629186.78	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4581.34	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1219	Turbine Delivery Route Option 1	Limerick	30150	TDR 25m Intervals	553370.44	629210.95	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4603.72	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1220	Turbine Delivery Route Option 1	Limerick	30175	TDR 25m Intervals	553364.02	629235.11	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4626.13	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1221	Turbine Delivery Route Option 1	Limerick	30200	TDR 25m Intervals	553357.60	629259.27	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4648.57	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1222	Turbine Delivery Route Option 1	Limerick	30225	TDR 25m Intervals	553351.18	629283.43	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4671.03	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1223	Turbine Delivery Route Option 1	Limerick	30250	TDR 25m Intervals	553344.77	629307.60	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4693.52	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1224	Turbine Delivery Route Option 1	Limerick	30275	TDR 25m Intervals	553338.35	629331.76	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4716.03	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1225	Turbine Delivery Route Option 1	Limerick	30300	TDR 25m Intervals	553331.93	629355.92	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4738.57	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1226	Turbine Delivery Route Option 1	Limerick	30325	TDR 25m Intervals	553325.52	629380.08	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4761.13	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1227	Turbine Delivery Route Option 1	Limerick	30350	TDR 25m Intervals	553319.10	629404.24	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4783.72	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1228	Turbine Delivery Route Option 1	Limerick	30375	TDR 25m Intervals	553312.68	629428.41	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4806.33	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1229	Turbine Delivery Route Option 1	Limerick	30400	TDR 25m Intervals	553306.27	629452.57	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4828.97	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1230	Turbine Delivery Route Option 1	Limerick	30425	TDR 25m Intervals	553299.85	629476.73	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4851.62	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1231	Turbine Delivery Route Option 1	Limerick	30450	TDR 25m Intervals	553293.43	629500.90	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4874.31	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1232	Turbine Delivery Route Option 1	Limerick	30475	TDR 25m Intervals	553287.02	629525.06	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4897.01	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1233	Turbine Delivery Route Option 1	Limerick	30500	TDR 25m Intervals	553281.20	629549.35	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4919.97	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1234	Turbine Delivery Route Option 1	Limerick	30525	TDR 25m Intervals	553276.87	629573.97	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4943.52	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1235	Turbine Delivery Route Option 1	Limerick	30550	TDR 25m Intervals	553272.54	629598.60	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4967.08	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1236	Turbine Delivery Route Option 1	Limerick	30575	TDR 25m Intervals	553268.21	629623.22	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	4990.66	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1237	Turbine Delivery Route Option 1	Limerick	30600	TDR 25m Intervals	553263.88	629647.84	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5014.25	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1238	Turbine Delivery Route Option 1	Limerick	30625	TDR 25m Intervals	553259.55	629672.46	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5037.85	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1239	Turbine Delivery Route Option 1	Limerick	30650	TDR 25m Intervals	553255.22	629697.09	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5061.47	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1240	Turbine Delivery Route Option 1	Limerick	30675	TDR 25m Intervals	553250.90	629721.71	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5085.10	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1241	Turbine Delivery Route Option 1	Limerick	30700	TDR 25m Intervals	553246.56	629746.33	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5108.74	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1242	Turbine Delivery Route Option 1	Limerick	30725	TDR 25m Intervals	553242.24	629770.95	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5132.40	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1243	Turbine Delivery Route Option 1	Limerick	30750	TDR 25m Intervals	553237.91	629795.57	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5156.07	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1244	Turbine Delivery Route Option 1	Limerick	30775	TDR 25m Intervals	553233.58	629820.20	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5179.75	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1245	Turbine Delivery Route Option 1	Limerick	30800	TDR 25m Intervals	553229.25	629844.82	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5203.45	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1246	Turbine Delivery Route Option 1	Limerick	30825	TDR 25m Intervals	553224.92	629869.44	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5227.15	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1247	Turbine Delivery Route Option 1	Limerick	30850	TDR 25m Intervals	553220.59	629894.06	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5250.87	No	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer
1248	Turbine Delivery Route Option 1	Limerick	30875	TDR 25m Intervals	553216.26	629918.69	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5274.60	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1249	Turbine Delivery Route Option 1	Limerick	30900	TDR 25m Intervals	553211.93	629943.31	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5298.35	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1250	Turbine Delivery Route Option 1	Limerick	30925	TDR 25m Intervals	553207.60	629967.93	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5322.10	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1251	Turbine Delivery Route Option 1	Limerick	30950	TDR 25m Intervals	553203.27	629992.55	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5345.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1252	Turbine Delivery Route Option 1	Limerick	30975	TDR 25m Intervals	553198.94	630017.18	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5369.64	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1253	Turbine Delivery Route Option 1	Limerick	31000	TDR 25m Intervals	553194.61	630041.80	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5393.43	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1254	Turbine Delivery Route Option 1	Limerick	31025	TDR 25m Intervals	553188.03	630065.91	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5416.42	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1255	Turbine Delivery Route Option 1	Limerick	31050	TDR 25m Intervals	553181.36	630090.01	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5439.39	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1256	Turbine Delivery Route Option 1	Limerick	31075	TDR 25m Intervals	553174.69	630114.10	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5462.38	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1257	Turbine Delivery Route Option 1	Limerick	31100	TDR 25m Intervals	553168.02	630138.19	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5485.39	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1258	Turbine Delivery Route Option 1	Limerick	31125	TDR 25m Intervals	553161.35	630162.29	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5508.42	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1259	Turbine Delivery Route Option 1	Limerick		TDR_WCC_113	553157.90	630167.08	WCC		Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5508.42	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1260	Turbine Delivery Route Option 1	Limerick	31150	TDR 25m Intervals	553154.68	630186.38	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5531.46	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1261	Turbine Delivery Route Option 1	Limerick	31175	TDR 25m Intervals	553148.01	630210.47	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5554.52	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1262	Turbine Delivery Route Option 1	Limerick	31200	TDR 25m Intervals	553141.33	630234.57	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5577.60	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1263	Turbine Delivery Route Option 1	Limerick	31225	TDR 25m Intervals	553134.66	630258.66	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5600.69	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1264	Turbine Delivery Route Option 1	Limerick	31250	TDR 25m Intervals	553127.99	630282.75	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5623.80	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1265	Turbine Delivery Route Option 1	Limerick	31275	TDR 25m Intervals	553121.32	630306.85	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5646.93	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1266	Turbine Delivery Route Option 1	Limerick	31300	TDR 25m Intervals	553114.65	630330.94	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5670.07	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1267	Turbine Delivery Route Option 1	Limerick	31325	TDR 25m Intervals	553107.98	630355.03	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5693.23	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1268	Turbine Delivery Route Option 1	Limerick	31350	TDR 25m Intervals	553101.31	630379.13	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5716.40	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1269	Turbine Delivery Route Option 1	Limerick	31375	TDR 25m Intervals	553094.64	630403.22	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5739.59	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1270	Turbine Delivery Route Option 1	Limerick	31400	TDR 25m Intervals	553087.96	630427.31	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5762.79	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1271	Turbine Delivery Route Option 1	Limerick	31425	TDR 25m Intervals	553081.29	630451.41	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5786.01	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1272	Turbine Delivery Route Option 1	Limerick	31450	TDR 25m Intervals	553074.62	630475.50	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5809.25	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1273	Turbine Delivery Route Option 1	Limerick	31475	TDR 25m Intervals	553067.95	630499.59	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5832.49	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1274	Turbine Delivery Route Option 1	Limerick	31500	TDR 25m Intervals	553061.28	630523.69	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5855.76	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1275	Turbine Delivery Route Option 1	Limerick	31525	TDR 25m Intervals	553054.61	630547.78	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5879.03	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1276	Turbine Delivery Route Option 1	Limerick	31550	TDR 25m Intervals	553050.56	630572.37	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5903.08	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1277	Turbine Delivery Route Option 1	Limerick	31575	TDR 25m Intervals	553047.99	630597.24	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5927.57	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1278	Turbine Delivery Route Option 1	Limerick	31600	TDR 25m Intervals	553045.43	630622.11	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5952.06	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1279	Turbine Delivery Route Option 1	Limerick	31625	TDR 25m Intervals	553042.86	630646.97	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	5976.55	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1280	Turbine Delivery Route Option 1	Limerick	31650	TDR 25m Intervals	553040.29	630671.84	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	6001.05	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1281	Turbine Delivery Route Option 1	Limerick	31675	TDR 25m Intervals	553037.72	630696.71	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	6025.55	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1282	Turbine Delivery Route Option 1	Limerick	31700	TDR 25m Intervals	553035.16	630721.58	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	6050.05	Yes	No	No	No	No	Tile_12	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1283	Turbine Delivery Route Option 1	Limerick	31725	TDR 25m Intervals	553032.59	630746.45	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6074.56	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1284	Turbine Delivery Route Option 1	Limerick	31750	TDR 25m Intervals	553030.02	630771.31	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6099.07	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1285	Turbine Delivery Route Option 1	Limerick	31775	TDR 25m Intervals	553027.46	630796.18	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6123.59	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1286	Turbine Delivery Route Option 1	Limerick	31800	TDR 25m Intervals	553024.89	630821.05	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6148.11	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1287	Turbine Delivery Route Option 1	Limerick	31825	TDR 25m Intervals	553022.32	630845.92	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6172.64	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1288	Turbine Delivery Route Option 1	Limerick	31850	TDR 25m Intervals	553019.76	630870.78	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6197.17	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1289	Turbine Delivery Route Option 1	Limerick	31875	TDR 25m Intervals	553017.19	630895.65	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6221.70	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1290	Turbine Delivery Route Option 1	Limerick	31900	TDR 25m Intervals	553014.62	630920.52	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6246.24	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1291	Turbine Delivery Route Option 1	Limerick	31925	TDR 25m Intervals	553012.05	630945.39	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6270.78	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1292	Turbine Delivery Route Option 1	Limerick	31950	TDR 25m Intervals	553009.49	630970.26	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6295.32	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1293	Turbine Delivery Route Option 1	Limerick	31975	TDR 25m Intervals	553006.92	630995.12	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6319.87	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1294	Turbine Delivery Route Option 1	Limerick	32000	TDR 25m Intervals	553004.35	631019.99	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6344.42	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1295	Turbine Delivery Route Option 1	Limerick	32025	TDR 25m Intervals	553001.79	631044.86	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6368.97	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1296	Turbine Delivery Route Option 1	Limerick	32050	TDR 25m Intervals	552999.22	631069.73	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6393.53	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1297	Turbine Delivery Route Option 1	Limerick	32075	TDR 25m Intervals	552996.65	631094.59	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6418.09	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1298	Turbine Delivery Route Option 1	Limerick	32100	TDR 25m Intervals	552994.08	631119.46	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6442.66	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1299	Turbine Delivery Route Option 1	Limerick	32125	TDR 25m Intervals	552991.52	631144.33	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6467.22	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1300	Turbine Delivery Route Option 1	Limerick	32150	TDR 25m Intervals	552988.95	631169.20	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6491.80	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1301	Turbine Delivery Route Option 1	Limerick	32175	TDR 25m Intervals	552986.38	631194.07	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6516.37	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1302	Turbine Delivery Route Option 1	Limerick	32200	TDR 25m Intervals	552983.82	631218.93	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6540.95	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1303	Turbine Delivery Route Option 1	Limerick	32225	TDR 25m Intervals	552981.25	631243.80	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6565.53	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1304	Turbine Delivery Route Option 1	Limerick	32250	TDR 25m Intervals	552978.68	631268.67	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6590.11	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1305	Turbine Delivery Route Option 1	Limerick	32275	TDR 25m Intervals	552976.11	631293.54	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6614.70	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1306	Turbine Delivery Route Option 1	Limerick		TDR_WCC_114	552967.40	631297.61	WCC		Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6614.70	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1307	Turbine Delivery Route Option 1	Limerick	32300	TDR 25m Intervals	552973.55	631318.41	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6639.29	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1308	Turbine Delivery Route Option 1	Limerick	32325	TDR 25m Intervals	552970.98	631343.27	NA	NA	Yes	MAIGUE_040	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6663.89	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1309	Turbine Delivery Route Option 1	Limerick	32350	TDR 25m Intervals	552968.41	631368.14	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6688.48	No	No	No	No	No	Tile_13	NA
1310	Turbine Delivery Route Option 1	Limerick	32375	TDR 25m Intervals	552965.85	631393.01	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6713.08	No	No	No	No	No	Tile_13	NA
1311	Turbine Delivery Route Option 1	Limerick	32400	TDR 25m Intervals	552963.28	631417.88	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6737.68	No	No	No	No	No	Tile_13	NA
1312	Turbine Delivery Route Option 1	Limerick	32425	TDR 25m Intervals	552960.71	631442.74	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6762.29	No	No	No	No	No	Tile_13	NA
1313	Turbine Delivery Route Option 1	Limerick	32450	TDR 25m Intervals	552958.15	631467.61	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6786.90	No	No	No	No	No	Tile_13	NA
1314	Turbine Delivery Route Option 1	Limerick	32475	TDR 25m Intervals	552955.58	631492.48	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6811.51	No	No	No	No	No	Tile_13	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1315	Turbine Delivery Route Option 1	Limerick	32500	TDR 25m Intervals	552953.01	631517.35	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6836.12	No	No	No	No	No	Tile_13	NA
1316	Turbine Delivery Route Option 1	Limerick	32525	TDR 25m Intervals	552950.44	631542.22	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6860.74	No	No	No	No	No	Tile_13	NA
1317	Turbine Delivery Route Option 1	Limerick	32550	TDR 25m Intervals	552947.88	631567.08	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6885.36	No	No	No	No	No	Tile_13	NA
1318	Turbine Delivery Route Option 1	Limerick	32575	TDR 25m Intervals	552945.31	631591.95	NA	NA	No	NA	MAIGUE_040	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6909.98	No	No	No	No	No	Tile_13	NA
1319	Turbine Delivery Route Option 1	Limerick	32600	TDR 25m Intervals	552942.74	631616.82	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6934.61	No	No	No	No	No	Tile_13	NA
1320	Turbine Delivery Route Option 1	Limerick	32625	TDR 25m Intervals	552940.18	631641.69	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6959.24	No	No	No	No	No	Tile_13	NA
1321	Turbine Delivery Route Option 1	Limerick	32650	TDR 25m Intervals	552937.61	631666.56	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6983.87	No	No	No	No	No	Tile_13	NA
1322	Turbine Delivery Route Option 1	Limerick	32675	TDR 25m Intervals	552935.04	631691.42	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7008.50	No	No	No	No	No	Tile_13	NA
1323	Turbine Delivery Route Option 1	Limerick	32700	TDR 25m Intervals	552932.47	631716.29	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7033.14	No	No	No	No	No	Tile_13	NA
1324	Turbine Delivery Route Option 1	Limerick	32725	TDR 25m Intervals	552929.91	631741.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7057.78	No	No	No	No	No	Tile_13	NA
1325	Turbine Delivery Route Option 1	Limerick	32750	TDR 25m Intervals	552927.34	631766.03	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7082.42	No	No	No	No	No	Tile_13	NA
1326	Turbine Delivery Route Option 1	Limerick	32775	TDR 25m Intervals	552924.77	631790.90	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7107.06	No	No	No	No	No	Tile_13	NA
1327	Turbine Delivery Route Option 1	Limerick	32800	TDR 25m Intervals	552922.21	631815.76	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7131.71	No	No	No	No	No	Tile_13	NA
1328	Turbine Delivery Route Option 1	Limerick	32825	TDR 25m Intervals	552919.64	631840.63	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7156.36	No	No	No	No	No	Tile_13	NA
1329	Turbine Delivery Route Option 1	Limerick	32850	TDR 25m Intervals	552917.07	631865.50	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7181.01	No	No	No	No	No	Tile_13	NA
1330	Turbine Delivery Route Option 1	Limerick	32875	TDR 25m Intervals	552914.50	631890.37	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7205.66	No	No	No	No	No	Tile_13	NA
1331	Turbine Delivery Route Option 1	Limerick	32900	TDR 25m Intervals	552911.94	631915.23	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7230.32	No	No	No	No	No	Tile_13	NA
1332	Turbine Delivery Route Option 1	Limerick	32925	TDR 25m Intervals	552909.37	631940.10	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7254.98	No	No	No	No	No	Tile_13	NA
1333	Turbine Delivery Route Option 1	Limerick	32950	TDR 25m Intervals	552906.80	631964.97	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7279.63	No	No	No	No	No	Tile_13	NA
1334	Turbine Delivery Route Option 1	Limerick	32975	TDR 25m Intervals	552904.24	631989.84	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7304.30	No	No	No	No	No	Tile_13	NA
1335	Turbine Delivery Route Option 1	Limerick	33000	TDR 25m Intervals	552901.67	632014.70	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7328.96	No	No	No	No	No	Tile_13	NA
1336	Turbine Delivery Route Option 1	Limerick	33025	TDR 25m Intervals	552899.10	632039.57	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7353.63	No	No	No	No	No	Tile_13	NA
1337	Turbine Delivery Route Option 1	Limerick	33050	TDR 25m Intervals	552896.54	632064.44	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7378.30	No	No	No	No	No	Tile_13	NA
1338	Turbine Delivery Route Option 1	Limerick	33075	TDR 25m Intervals	552894.12	632089.32	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7403.00	No	No	No	No	No	Tile_13	NA
1339	Turbine Delivery Route Option 1	Limerick	33100	TDR 25m Intervals	552891.80	632114.22	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7427.71	No	No	No	No	No	Tile_13	NA
1340	Turbine Delivery Route Option 1	Limerick	33125	TDR 25m Intervals	552889.48	632139.11	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7452.43	No	No	No	No	No	Tile_13	NA
1341	Turbine Delivery Route Option 1	Limerick	33150	TDR 25m Intervals	552887.16	632164.00	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7477.14	No	No	No	No	No	Tile_13	NA
1342	Turbine Delivery Route Option 1	Limerick	33175	TDR 25m Intervals	552884.84	632188.89	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7501.86	No	No	No	No	No	Tile_13	NA
1343	Turbine Delivery Route Option 1	Limerick	33200	TDR 25m Intervals	552882.52	632213.78	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7526.58	No	No	No	No	No	Tile_13	NA
1344	Turbine Delivery Route Option 1	Limerick	33225	TDR 25m Intervals	552880.19	632238.68	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7551.30	No	No	No	No	No	Tile_13	NA
1345	Turbine Delivery Route Option 1	Limerick	33250	TDR 25m Intervals	552877.87	632263.57	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7576.03	No	No	No	No	No	Tile_13	NA
1346	Turbine Delivery Route Option 1	Limerick	33275	TDR 25m Intervals	552875.55	632288.46	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7600.75	No	No	No	No	No	Tile_13	NA
1347	Turbine Delivery Route Option 1	Limerick	33300	TDR 25m Intervals	552873.23	632313.35	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7625.48	No	No	No	No	No	Tile_13	NA
1348	Turbine Delivery Route Option 1	Limerick	33325	TDR 25m Intervals	552870.91	632338.24	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7650.21	No	No	No	No	No	Tile_13	NA
1349	Turbine Delivery Route Option 1	Limerick	33350	TDR 25m Intervals	552868.59	632363.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7674.94	No	No	No	No	No	Tile_13	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1350	Turbine Delivery Route Option 1	Limerick	33375	TDR 25m Intervals	552866.27	632388.03	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7699.68	No	No	No	No	No	Tile_13	NA
1351	Turbine Delivery Route Option 1	Limerick	33400	TDR 25m Intervals	552863.95	632412.92	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7724.41	No	No	No	No	No	Tile_13	NA
1352	Turbine Delivery Route Option 1	Limerick	33425	TDR 25m Intervals	552861.63	632437.81	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7749.15	No	No	No	No	No	Tile_13	NA
1353	Turbine Delivery Route Option 1	Limerick	33450	TDR 25m Intervals	552859.31	632462.70	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7773.89	No	No	No	No	No	Tile_13	NA
1354	Turbine Delivery Route Option 1	Limerick	33475	TDR 25m Intervals	552856.99	632487.60	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7798.63	No	No	No	No	No	Tile_13	NA
1355	Turbine Delivery Route Option 1	Limerick	33500	TDR 25m Intervals	552854.67	632512.49	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7823.37	No	No	No	No	No	Tile_13	NA
1356	Turbine Delivery Route Option 1	Limerick	33525	TDR 25m Intervals	552852.34	632537.38	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7848.11	No	No	No	No	No	Tile_13	NA
1357	Turbine Delivery Route Option 1	Limerick	33550	TDR 25m Intervals	552853.37	632562.35	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7873.11	No	No	No	No	No	Tile_13	NA
1358	Turbine Delivery Route Option 1	Limerick	33575	TDR 25m Intervals	552854.51	632587.32	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7898.11	No	No	No	No	No	Tile_13	NA
1359	Turbine Delivery Route Option 1	Limerick	33600	TDR 25m Intervals	552855.66	632612.30	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7923.12	No	No	No	No	No	Tile_13	NA
1360	Turbine Delivery Route Option 1	Limerick	33625	TDR 25m Intervals	552856.80	632637.27	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7948.12	No	No	No	No	No	Tile_13	NA
1361	Turbine Delivery Route Option 1	Limerick	33650	TDR 25m Intervals	552857.94	632662.25	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7973.12	No	No	No	No	No	Tile_13	NA
1362	Turbine Delivery Route Option 1	Limerick	33675	TDR 25m Intervals	552859.08	632687.22	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	7998.13	No	No	No	No	No	Tile_13	NA
1363	Turbine Delivery Route Option 1	Limerick	33700	TDR 25m Intervals	552860.22	632712.19	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8023.13	No	No	No	No	No	Tile_13	NA
1364	Turbine Delivery Route Option 1	Limerick	33725	TDR 25m Intervals	552861.36	632737.17	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8048.13	No	No	No	No	No	Tile_13	NA
1365	Turbine Delivery Route Option 1	Limerick	33750	TDR 25m Intervals	552861.86	632762.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8073.12	No	No	No	No	No	Tile_13	NA
1366	Turbine Delivery Route Option 1	Limerick	33775	TDR 25m Intervals	552861.97	632787.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8098.10	No	No	No	No	No	Tile_13	NA
1367	Turbine Delivery Route Option 1	Limerick	33800	TDR 25m Intervals	552862.09	632812.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8123.07	No	No	No	No	No	Tile_13	NA
1368	Turbine Delivery Route Option 1	Limerick	33825	TDR 25m Intervals	552862.21	632837.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8148.05	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1369	Turbine Delivery Route Option 1	Limerick	33850	TDR 25m Intervals	552862.33	632862.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8173.03	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1370	Turbine Delivery Route Option 1	Limerick	33875	TDR 25m Intervals	552862.44	632887.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8198.01	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1371	Turbine Delivery Route Option 1	Limerick	33900	TDR 25m Intervals	552862.56	632912.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8222.99	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1372	Turbine Delivery Route Option 1	Limerick	33925	TDR 25m Intervals	552862.68	632937.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8247.96	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1373	Turbine Delivery Route Option 1	Limerick	33950	TDR 25m Intervals	552862.52	632962.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8272.93	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1374	Turbine Delivery Route Option 1	Limerick	33975	TDR 25m Intervals	552862.27	632987.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8297.89	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1375	Turbine Delivery Route Option 1	Limerick	34000	TDR 25m Intervals	552862.01	633012.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8322.85	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1376	Turbine Delivery Route Option 1	Limerick	34025	TDR 25m Intervals	552861.76	633037.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8347.80	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1377	Turbine Delivery Route Option 1	Limerick	34050	TDR 25m Intervals	552861.51	633062.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8372.76	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1378	Turbine Delivery Route Option 1	Limerick	34075	TDR 25m Intervals	552861.26	633087.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8397.72	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1379	Turbine Delivery Route Option 1	Limerick	34100	TDR 25m Intervals	552861.01	633112.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8422.69	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1380	Turbine Delivery Route Option 1	Limerick	34125	TDR 25m Intervals	552860.75	633137.15	NA	NA	Yes	MAIGUE_050	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8447.65	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1381	Turbine Delivery Route Option 1	Limerick	34150	TDR 25m Intervals	552860.50	633162.15	NA	NA	Yes	MAIGUE_050	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8472.61	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1382	Turbine Delivery Route Option 1	Limerick		TDR_WCC_115	552861.69	633174.36	WCC		Yes	MAIGUE_050	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8472.61	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1383	Turbine Delivery Route Option 1	Limerick	34175	TDR 25m Intervals	552860.25	633187.15	NA	NA	Yes	MAIGUE_050	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8497.57	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1384	Turbine Delivery Route Option 1	Limerick	34200	TDR 25m Intervals	552860.00	633212.14	NA	NA	Yes	MAIGUE_050	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8522.53	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1385	Turbine Delivery Route Option 1	Limerick	34225	TDR 25m Intervals	552859.74	633237.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8547.49	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1386	Turbine Delivery Route Option 1	Limerick	34250	TDR 25m Intervals	552859.49	633262.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8572.45	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1387	Turbine Delivery Route Option 1	Limerick	34275	TDR 25m Intervals	552859.24	633287.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8597.42	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1388	Turbine Delivery Route Option 1	Limerick	34300	TDR 25m Intervals	552858.99	633312.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8622.38	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1389	Turbine Delivery Route Option 1	Limerick	34325	TDR 25m Intervals	552858.74	633337.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8647.34	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1390	Turbine Delivery Route Option 1	Limerick	34350	TDR 25m Intervals	552858.48	633362.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8672.30	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1391	Turbine Delivery Route Option 1	Limerick	34375	TDR 25m Intervals	552858.23	633387.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8697.27	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1392	Turbine Delivery Route Option 1	Limerick	34400	TDR 25m Intervals	552857.98	633412.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8722.23	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1393	Turbine Delivery Route Option 1	Limerick	34425	TDR 25m Intervals	552857.73	633437.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8747.19	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1394	Turbine Delivery Route Option 1	Limerick	34450	TDR 25m Intervals	552857.48	633462.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8772.16	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1395	Turbine Delivery Route Option 1	Limerick	34475	TDR 25m Intervals	552857.22	633487.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8797.12	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1396	Turbine Delivery Route Option 1	Limerick	34500	TDR 25m Intervals	552856.97	633512.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8822.09	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1397	Turbine Delivery Route Option 1	Limerick	34525	TDR 25m Intervals	552856.72	633537.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8847.05	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1398	Turbine Delivery Route Option 1	Limerick	34550	TDR 25m Intervals	552856.47	633562.13	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8872.02	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1399	Turbine Delivery Route Option 1	Limerick	34575	TDR 25m Intervals	552856.22	633587.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8896.98	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1400	Turbine Delivery Route Option 1	Limerick	34600	TDR 25m Intervals	552855.96	633612.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8921.94	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1401	Turbine Delivery Route Option 1	Limerick	34625	TDR 25m Intervals	552855.71	633637.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8946.91	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1402	Turbine Delivery Route Option 1	Limerick	34650	TDR 25m Intervals	552855.24	633662.11	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8971.85	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1403	Turbine Delivery Route Option 1	Limerick	34675	TDR 25m Intervals	552852.17	633686.92	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8996.50	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1404	Turbine Delivery Route Option 1	Limerick	34700	TDR 25m Intervals	552848.87	633711.69	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9021.11	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1405	Turbine Delivery Route Option 1	Limerick	34725	TDR 25m Intervals	552844.99	633736.39	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9045.62	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1406	Turbine Delivery Route Option 1	Limerick	34750	TDR 25m Intervals	552840.75	633761.03	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9070.05	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1407	Turbine Delivery Route Option 1	Limerick	34775	TDR 25m Intervals	552836.09	633785.59	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9094.40	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1408	Turbine Delivery Route Option 1	Limerick	34800	TDR 25m Intervals	552830.90	633810.04	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9118.61	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1409	Turbine Delivery Route Option 1	Limerick	34825	TDR 25m Intervals	552825.46	633834.44	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9142.77	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1410	Turbine Delivery Route Option 1	Limerick	34850	TDR 25m Intervals	552819.33	633858.68	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9166.74	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1411	Turbine Delivery Route Option 1	Limerick	34875	TDR 25m Intervals	552813.05	633882.88	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9190.67	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1412	Turbine Delivery Route Option 1	Limerick	34900	TDR 25m Intervals	552806.06	633906.88	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9214.39	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1413	Turbine Delivery Route Option 1	Limerick	34925	TDR 25m Intervals	552798.85	633930.81	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9238.04	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1414	Turbine Delivery Route Option 1	Limerick	34950	TDR 25m Intervals	552791.10	633954.58	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9261.50	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1415	Turbine Delivery Route Option 1	Limerick	34975	TDR 25m Intervals	552782.98	633978.22	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9284.84	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1416	Turbine Delivery Route Option 1	Limerick	35000	TDR 25m Intervals	552774.47	634001.73	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	9308.03	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1417	Turbine Delivery Route Option 1	Limerick	35025	TDR 25m Intervals	552765.45	634025.04	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9331.03	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1418	Turbine Delivery Route Option 1	Limerick	35050	TDR 25m Intervals	552756.20	634048.27	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9353.93	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1419	Turbine Delivery Route Option 1	Limerick	35075	TDR 25m Intervals	552746.29	634071.22	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9376.56	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1420	Turbine Delivery Route Option 1	Limerick	35100	TDR 25m Intervals	552736.46	634094.20	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9399.23	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1421	Turbine Delivery Route Option 1	Limerick	35125	TDR 25m Intervals	552728.42	634117.87	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9422.65	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1422	Turbine Delivery Route Option 1	Limerick	35150	TDR 25m Intervals	552720.47	634141.57	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9446.11	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1423	Turbine Delivery Route Option 1	Limerick	35175	TDR 25m Intervals	552713.24	634165.50	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9469.84	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1424	Turbine Delivery Route Option 1	Limerick	35200	TDR 25m Intervals	552706.12	634189.46	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9493.60	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1425	Turbine Delivery Route Option 1	Limerick	35225	TDR 25m Intervals	552699.71	634213.63	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9517.59	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1426	Turbine Delivery Route Option 1	Limerick	35250	TDR 25m Intervals	552693.43	634237.82	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9541.62	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1427	Turbine Delivery Route Option 1	Limerick	35275	TDR 25m Intervals	552687.85	634262.19	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9565.84	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1428	Turbine Delivery Route Option 1	Limerick	35300	TDR 25m Intervals	552682.41	634286.59	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9590.11	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1429	Turbine Delivery Route Option 1	Limerick	35325	TDR 25m Intervals	552677.66	634311.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9614.53	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1430	Turbine Delivery Route Option 1	Limerick	35350	TDR 25m Intervals	552673.07	634335.71	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9639.00	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1431	Turbine Delivery Route Option 1	Limerick	35375	TDR 25m Intervals	552669.17	634360.41	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9663.60	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1432	Turbine Delivery Route Option 1	Limerick	35400	TDR 25m Intervals	552665.44	634385.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9688.23	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1433	Turbine Delivery Route Option 1	Limerick	35425	TDR 25m Intervals	552662.38	634409.94	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9712.97	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1434	Turbine Delivery Route Option 1	Limerick	35450	TDR 25m Intervals	552659.51	634434.77	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9737.74	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1435	Turbine Delivery Route Option 1	Limerick	35475	TDR 25m Intervals	552657.30	634459.67	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9762.60	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1436	Turbine Delivery Route Option 1	Limerick	35500	TDR 25m Intervals	552654.63	634484.51	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9787.38	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1437	Turbine Delivery Route Option 1	Limerick	35525	TDR 25m Intervals	552650.53	634509.17	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9811.96	No	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer
1438	Turbine Delivery Route Option 1	Limerick	35550	TDR 25m Intervals	552646.42	634533.83	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9836.53	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1439	Turbine Delivery Route Option 1	Limerick	35575	TDR 25m Intervals	552642.32	634558.49	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9861.11	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1440	Turbine Delivery Route Option 1	Limerick	35600	TDR 25m Intervals	552638.21	634583.16	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9885.69	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1441	Turbine Delivery Route Option 1	Limerick	35625	TDR 25m Intervals	552634.11	634607.82	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9910.28	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1442	Turbine Delivery Route Option 1	Limerick	35650	TDR 25m Intervals	552630.00	634632.48	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9934.86	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1443	Turbine Delivery Route Option 1	Limerick	35675	TDR 25m Intervals	552625.90	634657.14	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9959.45	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1444	Turbine Delivery Route Option 1	Limerick	35700	TDR 25m Intervals	552621.79	634681.80	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	9984.04	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1445	Turbine Delivery Route Option 1	Limerick	35725	TDR 25m Intervals	552617.69	634706.46	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10008.63	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1446	Turbine Delivery Route Option 1	Limerick	35750	TDR 25m Intervals	552613.58	634731.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10033.22	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1447	Turbine Delivery Route Option 1	Limerick	35775	TDR 25m Intervals	552609.48	634755.78	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10057.82	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1448	Turbine Delivery Route Option 1	Limerick	35800	TDR 25m Intervals	552605.37	634780.44	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10082.41	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1449	Turbine Delivery Route Option 1	Limerick	35825	TDR 25m Intervals	552601.27	634805.10	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10107.01	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1450	Turbine Delivery Route Option 1	Limerick	35850	TDR 25m Intervals	552597.16	634829.76	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10131.62	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1451	Turbine Delivery Route Option 1	Limerick	35875	TDR 25m Intervals	552593.06	634854.42	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10156.22	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1452	Turbine Delivery Route Option 1	Limerick	35900	TDR 25m Intervals	552588.95	634879.08	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10180.82	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1453	Turbine Delivery Route Option 1	Limerick	35925	TDR 25m Intervals	552584.85	634903.74	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10205.43	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1454	Turbine Delivery Route Option 1	Limerick	35950	TDR 25m Intervals	552580.74	634928.41	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10230.04	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1455	Turbine Delivery Route Option 1	Limerick	35975	TDR 25m Intervals	552576.64	634953.07	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10254.65	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1456	Turbine Delivery Route Option 1	Limerick	36000	TDR 25m Intervals	552572.53	634977.73	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10279.27	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1457	Turbine Delivery Route Option 1	Limerick	36025	TDR 25m Intervals	552568.43	635002.39	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10303.88	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1458	Turbine Delivery Route Option 1	Limerick	36050	TDR 25m Intervals	552564.32	635027.05	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10328.50	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1459	Turbine Delivery Route Option 1	Limerick	36075	TDR 25m Intervals	552560.22	635051.71	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10353.12	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1460	Turbine Delivery Route Option 1	Limerick	36100	TDR 25m Intervals	552556.11	635076.37	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10377.74	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1461	Turbine Delivery Route Option 1	Limerick	36125	TDR 25m Intervals	552551.44	635100.93	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10402.25	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1462	Turbine Delivery Route Option 1	Limerick	36150	TDR 25m Intervals	552546.85	635125.50	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10426.78	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1463	Turbine Delivery Route Option 1	Limerick	36175	TDR 25m Intervals	552542.93	635150.19	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10451.43	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1464	Turbine Delivery Route Option 1	Limerick	36200	TDR 25m Intervals	552539.71	635174.98	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10476.20	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1465	Turbine Delivery Route Option 1	Limerick	36225	TDR 25m Intervals	552537.33	635199.86	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10501.07	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1466	Turbine Delivery Route Option 1	Limerick	36250	TDR 25m Intervals	552535.63	635224.80	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10526.00	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1467	Turbine Delivery Route Option 1	Limerick	36275	TDR 25m Intervals	552534.60	635249.78	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10550.97	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1468	Turbine Delivery Route Option 1	Limerick	36300	TDR 25m Intervals	552534.25	635274.77	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10575.96	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1469	Turbine Delivery Route Option 1	Limerick	36325	TDR 25m Intervals	552534.75	635299.74	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10600.94	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1470	Turbine Delivery Route Option 1	Limerick	36350	TDR 25m Intervals	552540.91	635323.97	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10625.22	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1471	Turbine Delivery Route Option 1	Limerick	36375	TDR 25m Intervals	552547.06	635348.20	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10649.51	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1472	Turbine Delivery Route Option 1	Limerick	36400	TDR 25m Intervals	552553.22	635372.43	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10673.80	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1473	Turbine Delivery Route Option 1	Limerick	36425	TDR 25m Intervals	552559.38	635396.66	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10698.09	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1474	Turbine Delivery Route Option 1	Limerick	36450	TDR 25m Intervals	552565.54	635420.89	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10722.39	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1475	Turbine Delivery Route Option 1	Limerick	36475	TDR 25m Intervals	552571.70	635445.12	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10746.69	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1476	Turbine Delivery Route Option 1	Limerick	36500	TDR 25m Intervals	552577.86	635469.35	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10770.99	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1477	Turbine Delivery Route Option 1	Limerick	36525	TDR 25m Intervals	552584.02	635493.58	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10795.30	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1478	Turbine Delivery Route Option 1	Limerick	36550	TDR 25m Intervals	552590.18	635517.81	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10819.61	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1479	Turbine Delivery Route Option 1	Limerick	36575	TDR 25m Intervals	552596.33	635542.04	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10843.92	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1480	Turbine Delivery Route Option 1	Limerick	36600	TDR 25m Intervals	552601.45	635566.37	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10868.33	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1481	Turbine Delivery Route Option 1	Limerick	36625	TDR 25m Intervals	552600.28	635591.34	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10893.28	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1482	Turbine Delivery Route Option 1	Limerick	36650	TDR 25m Intervals	552599.10	635616.32	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10918.24	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1483	Turbine Delivery Route Option 1	Limerick	36675	TDR 25m Intervals	552597.92	635641.29	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10943.20	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1484	Turbine Delivery Route Option 1	Limerick	36700	TDR 25m Intervals	552596.75	635666.26	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10968.16	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1485	Turbine Delivery Route Option 1	Limerick	36725	TDR 25m Intervals	552595.57	635691.23	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10993.12	Yes	No	No	No	No	Tile_14	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1486	Turbine Delivery Route Option 1	Limerick	36750	TDR 25m Intervals	552594.40	635716.21	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11018.07	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1487	Turbine Delivery Route Option 1	Limerick	36775	TDR 25m Intervals	552593.22	635741.18	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11043.03	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1488	Turbine Delivery Route Option 1	Limerick	36800	TDR 25m Intervals	552592.05	635766.15	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11067.99	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1489	Turbine Delivery Route Option 1	Limerick	36825	TDR 25m Intervals	552590.87	635791.12	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11092.95	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1490	Turbine Delivery Route Option 1	Limerick	36850	TDR 25m Intervals	552589.70	635816.10	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11117.91	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1491	Turbine Delivery Route Option 1	Limerick	36875	TDR 25m Intervals	552588.52	635841.07	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11142.87	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1492	Turbine Delivery Route Option 1	Limerick	36900	TDR 25m Intervals	552587.35	635866.04	NA	NA	No	NA	MAIGUE_050	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11167.83	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1493	Turbine Delivery Route Option 1	Limerick	36925	TDR 25m Intervals	552586.17	635891.01	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11192.79	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1494	Turbine Delivery Route Option 1	Limerick	36950	TDR 25m Intervals	552584.99	635915.99	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11217.75	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1495	Turbine Delivery Route Option 1	Limerick	36975	TDR 25m Intervals	552583.82	635940.96	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11242.71	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1496	Turbine Delivery Route Option 1	Limerick	37000	TDR 25m Intervals	552582.64	635965.93	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11267.67	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1497	Turbine Delivery Route Option 1	Limerick	37025	TDR 25m Intervals	552581.47	635990.90	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11292.63	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1498	Turbine Delivery Route Option 1	Limerick	37050	TDR 25m Intervals	552580.29	636015.88	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11317.59	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1499	Turbine Delivery Route Option 1	Limerick	37075	TDR 25m Intervals	552579.12	636040.85	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11342.55	No	No	No	No	No	Tile_15	NA
1500	Turbine Delivery Route Option 1	Limerick	37100	TDR 25m Intervals	552577.94	636065.82	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11367.51	No	No	No	No	No	Tile_15	NA
1501	Turbine Delivery Route Option 1	Limerick	37125	TDR 25m Intervals	552574.24	636090.49	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11372.46	No	No	No	No	No	Tile_15	NA
1502	Turbine Delivery Route Option 1	Limerick	37150	TDR 25m Intervals	552569.53	636115.04	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11364.98	No	No	No	No	No	Tile_15	NA
1503	Turbine Delivery Route Option 1	Limerick	37175	TDR 25m Intervals	552564.81	636139.59	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11357.56	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1504	Turbine Delivery Route Option 1	Limerick	37200	TDR 25m Intervals	552560.09	636164.14	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11350.19	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1505	Turbine Delivery Route Option 1	Limerick	37225	TDR 25m Intervals	552555.30	636188.67	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11342.94	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1506	Turbine Delivery Route Option 1	Limerick	37250	TDR 25m Intervals	552544.67	636211.30	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11341.80	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1507	Turbine Delivery Route Option 1	Limerick	37275	TDR 25m Intervals	552534.04	636233.93	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11340.71	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1508	Turbine Delivery Route Option 1	Limerick	37300	TDR 25m Intervals	552523.41	636256.56	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11339.68	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1509	Turbine Delivery Route Option 1	Limerick	37325	TDR 25m Intervals	552512.79	636279.18	NA	NA	Yes	West Liskennett_010	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11338.70	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1510	Turbine Delivery Route Option 1	Limerick	37350	TDR 25m Intervals	552502.16	636301.81	NA	NA	Yes	West Liskennett_010	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11337.77	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1511	Turbine Delivery Route Option 1	Limerick		TDR_WCC_116	552492.80	636307.35	WCC		Yes	West Liskennett_010	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11337.77	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1512	Turbine Delivery Route Option 1	Limerick	37375	TDR 25m Intervals	552491.53	636324.44	NA	NA	Yes	West Liskennett_010	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11336.90	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1513	Turbine Delivery Route Option 1	Limerick	37400	TDR 25m Intervals	552480.90	636347.07	NA	NA	Yes	West Liskennett_010	West Liskennett_010	Maigue_SC_040	Low (L)	>10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11336.09	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1514	Turbine Delivery Route Option 1	Limerick	37425	TDR 25m Intervals	552470.27	636369.70	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11335.33	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1515	Turbine Delivery Route Option 1	Limerick	37450	TDR 25m Intervals	552459.65	636392.33	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11334.63	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1516	Turbine Delivery Route Option 1	Limerick	37475	TDR 25m Intervals	552449.02	636414.96	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11333.98	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1517	Turbine Delivery Route Option 1	Limerick	37500	TDR 25m Intervals	552443.90	636439.38	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11327.64	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1518	Turbine Delivery Route Option 1	Limerick	37525	TDR 25m Intervals	552439.13	636463.92	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11321.01	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1519	Turbine Delivery Route Option 1	Limerick	37550	TDR 25m Intervals	552434.36	636488.46	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11314.42	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1520	Turbine Delivery Route Option 1	Limerick	37575	TDR 25m Intervals	552429.58	636513.01	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11307.89	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1521	Turbine Delivery Route Option 1	Limerick	37600	TDR 25m Intervals	552424.81	636537.55	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11301.40	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1522	Turbine Delivery Route Option 1	Limerick	37625	TDR 25m Intervals	552420.04	636562.08	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11294.97	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1523	Turbine Delivery Route Option 1	Limerick	37650	TDR 25m Intervals	552415.48	636586.66	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11288.39	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1524	Turbine Delivery Route Option 1	Limerick	37675	TDR 25m Intervals	552412.73	636611.51	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11280.10	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1525	Turbine Delivery Route Option 1	Limerick	37700	TDR 25m Intervals	552409.98	636636.35	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11271.86	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1526	Turbine Delivery Route Option 1	Limerick	37725	TDR 25m Intervals	552407.24	636661.20	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11263.67	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1527	Turbine Delivery Route Option 1	Limerick	37750	TDR 25m Intervals	552404.49	636686.05	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11255.53	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1528	Turbine Delivery Route Option 1	Limerick	37775	TDR 25m Intervals	552401.74	636710.90	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11247.44	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1529	Turbine Delivery Route Option 1	Limerick	37800	TDR 25m Intervals	552399.00	636735.75	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11239.40	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1530	Turbine Delivery Route Option 1	Limerick	37825	TDR 25m Intervals	552396.25	636760.60	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11231.41	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1531	Turbine Delivery Route Option 1	Limerick	37850	TDR 25m Intervals	552393.51	636785.45	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11223.47	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1532	Turbine Delivery Route Option 1	Limerick	37875	TDR 25m Intervals	552390.76	636810.30	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11215.58	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1533	Turbine Delivery Route Option 1	Limerick	37900	TDR 25m Intervals	552388.01	636835.14	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11207.73	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1534	Turbine Delivery Route Option 1	Limerick	37925	TDR 25m Intervals	552385.27	636859.99	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11199.94	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1535	Turbine Delivery Route Option 1	Limerick	37950	TDR 25m Intervals	552382.52	636884.84	NA	NA	No	NA	West Liskennett_010	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11192.21	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1536	Turbine Delivery Route Option 1	Limerick	37975	TDR 25m Intervals	552379.78	636909.69	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11184.52	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1537	Turbine Delivery Route Option 1	Limerick	38000	TDR 25m Intervals	552377.03	636934.54	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11176.88	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1538	Turbine Delivery Route Option 1	Limerick	38025	TDR 25m Intervals	552374.28	636959.39	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11169.29	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1539	Turbine Delivery Route Option 1	Limerick	38050	TDR 25m Intervals	552371.54	636984.24	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11161.75	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1540	Turbine Delivery Route Option 1	Limerick	38075	TDR 25m Intervals	552368.79	637009.08	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11154.27	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1541	Turbine Delivery Route Option 1	Limerick	38100	TDR 25m Intervals	552366.04	637033.93	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11146.83	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1542	Turbine Delivery Route Option 1	Limerick	38125	TDR 25m Intervals	552363.30	637058.78	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11139.45	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1543	Turbine Delivery Route Option 1	Limerick	38150	TDR 25m Intervals	552360.55	637083.63	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11132.11	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1544	Turbine Delivery Route Option 1	Limerick	38175	TDR 25m Intervals	552357.81	637108.48	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11124.83	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1545	Turbine Delivery Route Option 1	Limerick	38200	TDR 25m Intervals	552355.06	637133.33	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11117.60	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1546	Turbine Delivery Route Option 1	Limerick	38225	TDR 25m Intervals	552352.31	637158.18	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11110.42	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1547	Turbine Delivery Route Option 1	Limerick	38250	TDR 25m Intervals	552349.57	637183.03	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11103.30	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1548	Turbine Delivery Route Option 1	Limerick	38275	TDR 25m Intervals	552346.82	637207.88	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11096.22	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1549	Turbine Delivery Route Option 1	Limerick	38300	TDR 25m Intervals	552344.07	637232.72	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11089.20	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1550	Turbine Delivery Route Option 1	Limerick	38325	TDR 25m Intervals	552341.33	637257.57	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11082.23	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1551	Turbine Delivery Route Option 1	Limerick	38350	TDR 25m Intervals	552338.58	637282.42	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11075.31	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1552	Turbine Delivery Route Option 1	Limerick	38375	TDR 25m Intervals	552335.83	637307.27	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11068.44	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1553	Turbine Delivery Route Option 1	Limerick	38400	TDR 25m Intervals	552333.09	637332.12	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11061.63	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1554	Turbine Delivery Route Option 1	Limerick	38425	TDR 25m Intervals	552330.34	637356.97	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11054.87	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1555	Turbine Delivery Route Option 1	Limerick	38450	TDR 25m Intervals	552327.60	637381.82	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11048.16	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1556	Turbine Delivery Route Option 1	Limerick	38475	TDR 25m Intervals	552324.85	637406.66	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11041.50	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1557	Turbine Delivery Route Option 1	Limerick	38500	TDR 25m Intervals	552321.36	637431.42	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11035.62	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1558	Turbine Delivery Route Option 1	Limerick	38525	TDR 25m Intervals	552317.73	637456.15	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11029.93	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1559	Turbine Delivery Route Option 1	Limerick	38550	TDR 25m Intervals	552314.10	637480.89	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11024.30	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1560	Turbine Delivery Route Option 1	Limerick	38575	TDR 25m Intervals	552310.47	637505.62	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11018.72	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1561	Turbine Delivery Route Option 1	Limerick	38600	TDR 25m Intervals	552306.84	637530.36	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11013.20	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1562	Turbine Delivery Route Option 1	Limerick	38625	TDR 25m Intervals	552303.21	637555.09	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11007.73	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1563	Turbine Delivery Route Option 1	Limerick	38650	TDR 25m Intervals	552299.58	637579.83	NA	NA	No	NA	MAIGUE_060	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	11002.31	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1564	Turbine Delivery Route Option 1	Limerick	38675	TDR 25m Intervals	552295.95	637604.56	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10996.95	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1565	Turbine Delivery Route Option 1	Limerick	38700	TDR 25m Intervals	552292.32	637629.30	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10991.64	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1566	Turbine Delivery Route Option 1	Limerick	38725	TDR 25m Intervals	552288.69	637654.03	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10986.39	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1567	Turbine Delivery Route Option 1	Limerick	38750	TDR 25m Intervals	552285.05	637678.77	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10981.19	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1568	Turbine Delivery Route Option 1	Limerick	38775	TDR 25m Intervals	552281.42	637703.50	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10976.04	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1569	Turbine Delivery Route Option 1	Limerick	38800	TDR 25m Intervals	552277.79	637728.24	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10970.95	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1570	Turbine Delivery Route Option 1	Limerick	38825	TDR 25m Intervals	552274.16	637752.97	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10965.92	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1571	Turbine Delivery Route Option 1	Limerick	38850	TDR 25m Intervals	552270.53	637777.71	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10960.94	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1572	Turbine Delivery Route Option 1	Limerick	38875	TDR 25m Intervals	552265.47	637802.18	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10957.44	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1573	Turbine Delivery Route Option 1	Limerick	38900	TDR 25m Intervals	552259.93	637826.55	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10954.50	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1574	Turbine Delivery Route Option 1	Limerick	38925	TDR 25m Intervals	552254.38	637850.93	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10951.61	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1575	Turbine Delivery Route Option 1	Limerick	38950	TDR 25m Intervals	552248.83	637875.31	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10948.78	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1576	Turbine Delivery Route Option 1	Limerick	38975	TDR 25m Intervals	552243.28	637899.68	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10946.00	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1577	Turbine Delivery Route Option 1	Limerick	39000	TDR 25m Intervals	552237.73	637924.06	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10943.29	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1578	Turbine Delivery Route Option 1	Limerick	39025	TDR 25m Intervals	552232.19	637948.44	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10940.62	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1579	Turbine Delivery Route Option 1	Limerick	39050	TDR 25m Intervals	552226.64	637972.81	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10938.02	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1580	Turbine Delivery Route Option 1	Limerick	39075	TDR 25m Intervals	552221.09	637997.19	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10935.47	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1581	Turbine Delivery Route Option 1	Limerick	39100	TDR 25m Intervals	552215.54	638021.56	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10932.98	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1582	Turbine Delivery Route Option 1	Limerick	39125	TDR 25m Intervals	552210.00	638045.94	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10930.54	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1583	Turbine Delivery Route Option 1	Limerick	39150	TDR 25m Intervals	552204.45	638070.32	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10928.16	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1584	Turbine Delivery Route Option 1	Limerick	39175	TDR 25m Intervals	552198.90	638094.69	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10925.84	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1585	Turbine Delivery Route Option 1	Limerick	39200	TDR 25m Intervals	552193.35	638119.07	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10923.57	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1586	Turbine Delivery Route Option 1	Limerick	39225	TDR 25m Intervals	552187.81	638143.45	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10921.36	Yes	No	No	No	No	Tile_15	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1587	Turbine Delivery Route Option 1	Limerick	39250	TDR 25m Intervals	552182.26	638167.82	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10919.21	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1588	Turbine Delivery Route Option 1	Limerick	39275	TDR 25m Intervals	552176.71	638192.20	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10917.12	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1589	Turbine Delivery Route Option 1	Limerick	39300	TDR 25m Intervals	552170.69	638216.42	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10915.58	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1590	Turbine Delivery Route Option 1	Limerick	39325	TDR 25m Intervals	552160.17	638239.10	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10918.85	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1591	Turbine Delivery Route Option 1	Limerick	39350	TDR 25m Intervals	552149.65	638261.78	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10922.17	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1592	Turbine Delivery Route Option 1	Limerick	39375	TDR 25m Intervals	552139.13	638284.46	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10925.56	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1593	Turbine Delivery Route Option 1	Limerick	39400	TDR 25m Intervals	552128.61	638307.14	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10929.00	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1594	Turbine Delivery Route Option 1	Limerick	39425	TDR 25m Intervals	552118.09	638329.81	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10932.49	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1595	Turbine Delivery Route Option 1	Limerick	39450	TDR 25m Intervals	552107.58	638352.49	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10936.04	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1596	Turbine Delivery Route Option 1	Limerick	39475	TDR 25m Intervals	552098.30	638375.60	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10938.34	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1597	Turbine Delivery Route Option 1	Limerick	39500	TDR 25m Intervals	552092.41	638399.90	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10937.10	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1598	Turbine Delivery Route Option 1	Limerick	39525	TDR 25m Intervals	552086.53	638424.20	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10935.92	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1599	Turbine Delivery Route Option 1	Limerick	39550	TDR 25m Intervals	552080.64	638448.50	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10934.79	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1600	Turbine Delivery Route Option 1	Limerick	39575	TDR 25m Intervals	552074.76	638472.80	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10933.72	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1601	Turbine Delivery Route Option 1	Limerick	39600	TDR 25m Intervals	552068.87	638497.09	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10932.71	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1602	Turbine Delivery Route Option 1	Limerick	39625	TDR 25m Intervals	552062.99	638521.39	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10931.75	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1603	Turbine Delivery Route Option 1	Limerick	39650	TDR 25m Intervals	552057.10	638545.69	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10930.85	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1604	Turbine Delivery Route Option 1	Limerick	39675	TDR 25m Intervals	552051.22	638569.99	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10930.01	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1605	Turbine Delivery Route Option 1	Limerick	39700	TDR 25m Intervals	552038.06	638590.96	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rf) Regionally Important Aquifer - Fissured bedrock	NA	NA	10937.13	Yes	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1606	Turbine Delivery Route Option 1	Limerick	39725	TDR 25m Intervals	552023.53	638611.31	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10945.77	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1607	Turbine Delivery Route Option 1	Limerick	39750	TDR 25m Intervals	552009.01	638631.66	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10954.47	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1608	Turbine Delivery Route Option 1	Limerick	39775	TDR 25m Intervals	551994.49	638652.01	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10963.21	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1609	Turbine Delivery Route Option 1	Limerick	39800	TDR 25m Intervals	551979.97	638672.35	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10972.01	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1610	Turbine Delivery Route Option 1	Limerick	39825	TDR 25m Intervals	551965.44	638692.70	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10980.85	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1611	Turbine Delivery Route Option 1	Limerick	39850	TDR 25m Intervals	551950.92	638713.05	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10989.74	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1612	Turbine Delivery Route Option 1	Limerick	39875	TDR 25m Intervals	551936.40	638733.40	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10998.69	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1613	Turbine Delivery Route Option 1	Limerick		TDR_WCC_117	551919.50	638750.69	WCC		Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10998.69	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1614	Turbine Delivery Route Option 1	Limerick	39900	TDR 25m Intervals	551921.88	638753.75	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11007.68	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1615	Turbine Delivery Route Option 1	Limerick	39925	TDR 25m Intervals	551907.36	638774.10	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11016.72	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1616	Turbine Delivery Route Option 1	Limerick	39950	TDR 25m Intervals	551892.95	638794.53	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11025.68	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1617	Turbine Delivery Route Option 1	Limerick	39975	TDR 25m Intervals	551879.98	638815.90	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11033.07	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1618	Turbine Delivery Route Option 1	Limerick	40000	TDR 25m Intervals	551867.01	638837.27	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11040.51	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1619	Turbine Delivery Route Option 1	Limerick	40025	TDR 25m Intervals	551854.04	638858.65	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11048.00	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1620	Turbine Delivery Route Option 1	Limerick	40050	TDR 25m Intervals	551841.07	638880.02	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11055.54	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1621	Turbine Delivery Route Option 1	Limerick	40075	TDR 25m Intervals	551828.09	638901.39	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11063.14	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1622	Turbine Delivery Route Option 1	Limerick	40100	TDR 25m Intervals	551815.12	638922.76	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11070.78	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1623	Turbine Delivery Route Option 1	Limerick	40125	TDR 25m Intervals	551802.15	638944.13	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11078.48	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1624	Turbine Delivery Route Option 1	Limerick	40150	TDR 25m Intervals	551789.18	638965.50	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11086.23	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1625	Turbine Delivery Route Option 1	Limerick	40175	TDR 25m Intervals	551776.21	638986.87	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11094.03	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1626	Turbine Delivery Route Option 1	Limerick	40200	TDR 25m Intervals	551763.23	639008.24	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11101.88	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1627	Turbine Delivery Route Option 1	Limerick	40225	TDR 25m Intervals	551750.26	639029.61	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11109.78	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1628	Turbine Delivery Route Option 1	Limerick	40250	TDR 25m Intervals	551737.29	639050.98	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11117.73	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1629	Turbine Delivery Route Option 1	Limerick	40275	TDR 25m Intervals	551724.32	639072.36	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11125.73	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1630	Turbine Delivery Route Option 1	Limerick	40300	TDR 25m Intervals	551711.34	639093.73	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11133.79	No	No	No	No	No	Tile_16	NA
1631	Turbine Delivery Route Option 1	Limerick	40325	TDR 25m Intervals	551698.37	639115.10	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11141.89	No	No	No	No	No	Tile_16	NA
1632	Turbine Delivery Route Option 1	Limerick	40350	TDR 25m Intervals	551685.40	639136.47	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11150.04	No	No	No	No	No	Tile_16	NA
1633	Turbine Delivery Route Option 1	Limerick	40375	TDR 25m Intervals	551672.43	639157.84	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11158.24	No	No	No	No	No	Tile_16	NA
1634	Turbine Delivery Route Option 1	Limerick	40400	TDR 25m Intervals	551659.46	639179.21	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11166.50	No	No	No	No	No	Tile_16	NA
1635	Turbine Delivery Route Option 1	Limerick	40425	TDR 25m Intervals	551646.48	639200.58	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11174.80	No	No	No	No	No	Tile_16	NA
1636	Turbine Delivery Route Option 1	Limerick	40450	TDR 25m Intervals	551634.62	639222.54	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11181.95	No	No	No	No	No	Tile_16	NA
1637	Turbine Delivery Route Option 1	Limerick	40475	TDR 25m Intervals	551624.16	639245.25	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11187.62	No	No	No	No	No	Tile_16	NA
1638	Turbine Delivery Route Option 1	Limerick	40500	TDR 25m Intervals	551613.70	639267.96	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11193.35	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1639	Turbine Delivery Route Option 1	Limerick	40525	TDR 25m Intervals	551603.25	639290.67	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11199.12	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1640	Turbine Delivery Route Option 1	Limerick	40550	TDR 25m Intervals	551592.79	639313.37	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11204.95	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1641	Turbine Delivery Route Option 1	Limerick	40575	TDR 25m Intervals	551582.33	639336.08	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11210.84	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1642	Turbine Delivery Route Option 1	Limerick	40600	TDR 25m Intervals	551571.87	639358.79	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11216.78	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1643	Turbine Delivery Route Option 1	Limerick	40625	TDR 25m Intervals	551561.41	639381.49	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11222.77	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1644	Turbine Delivery Route Option 1	Limerick	40650	TDR 25m Intervals	551550.95	639404.20	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11228.81	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1645	Turbine Delivery Route Option 1	Limerick	40675	TDR 25m Intervals	551540.49	639426.91	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11234.90	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1646	Turbine Delivery Route Option 1	Limerick	40700	TDR 25m Intervals	551530.04	639449.61	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11241.05	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1647	Turbine Delivery Route Option 1	Limerick	40725	TDR 25m Intervals	551519.58	639472.32	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11247.25	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1648	Turbine Delivery Route Option 1	Limerick	40750	TDR 25m Intervals	551509.12	639495.03	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11253.50	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1649	Turbine Delivery Route Option 1	Limerick	40775	TDR 25m Intervals	551498.66	639517.74	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11259.80	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1650	Turbine Delivery Route Option 1	Limerick	40800	TDR 25m Intervals	551488.20	639540.44	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11266.15	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1651	Turbine Delivery Route Option 1	Limerick	40825	TDR 25m Intervals	551477.74	639563.15	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11272.56	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1652	Turbine Delivery Route Option 1	Limerick	40850	TDR 25m Intervals	551467.28	639585.86	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11279.02	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1653	Turbine Delivery Route Option 1	Limerick	40875	TDR 25m Intervals	551458.89	639609.29	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11283.38	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1654	Turbine Delivery Route Option 1	Limerick	40900	TDR 25m Intervals	551452.77	639633.53	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11285.40	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1655	Turbine Delivery Route Option 1	Limerick	40925	TDR 25m Intervals	551446.66	639657.77	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11287.48	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1656	Turbine Delivery Route Option 1	Limerick	40950	TDR 25m Intervals	551440.54	639682.02	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11289.62	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1657	Turbine Delivery Route Option 1	Limerick	40975	TDR 25m Intervals	551434.42	639706.26	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11291.81	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1658	Turbine Delivery Route Option 1	Limerick	41000	TDR 25m Intervals	551428.31	639730.50	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11294.05	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1659	Turbine Delivery Route Option 1	Limerick	41025	TDR 25m Intervals	551422.19	639754.74	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11296.36	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
1660	Turbine Delivery Route Option 1	Limerick	41050	TDR 25m Intervals	551416.08	639778.98	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11298.71	No	No	No	No	No	Tile_16	NA
1661	Turbine Delivery Route Option 1	Limerick	41075	TDR 25m Intervals	551409.96	639803.22	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11301.12	No	No	No	No	No	Tile_16	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1662	Turbine Delivery Route Option 1	Limerick	41100	TDR 25m Intervals	551403.85	639827.46	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11303.59	No	No	No	No	No	Tile_16	NA
1663	Turbine Delivery Route Option 1	Limerick	41125	TDR 25m Intervals	551397.73	639851.70	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11306.11	No	No	No	No	No	Tile_16	NA
1664	Turbine Delivery Route Option 1	Limerick	41150	TDR 25m Intervals	551391.61	639875.94	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11308.68	No	No	No	No	No	Tile_16	NA
1665	Turbine Delivery Route Option 1	Limerick	41175	TDR 25m Intervals	551385.50	639900.18	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11311.31	No	No	No	No	No	Tile_16	NA
1666	Turbine Delivery Route Option 1	Limerick	41200	TDR 25m Intervals	551379.38	639924.42	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11313.99	No	No	No	No	No	Tile_16	NA
1667	Turbine Delivery Route Option 1	Limerick	41225	TDR 25m Intervals	551373.27	639948.66	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11316.73	No	No	No	No	No	Tile_16	NA
1668	Turbine Delivery Route Option 1	Limerick	41250	TDR 25m Intervals	551367.15	639972.90	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11319.53	No	No	No	No	No	Tile_16	NA
1669	Turbine Delivery Route Option 1	Limerick	41275	TDR 25m Intervals	551361.04	639997.14	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11322.37	No	No	No	No	No	Tile_16	NA
1670	Turbine Delivery Route Option 1	Limerick	41300	TDR 25m Intervals	551354.92	640021.38	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11325.28	No	No	No	No	No	Tile_16	NA
1671	Turbine Delivery Route Option 1	Limerick	41325	TDR 25m Intervals	551348.81	640045.62	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11328.23	No	No	No	No	No	Tile_16	NA
1672	Turbine Delivery Route Option 1	Limerick	41350	TDR 25m Intervals	551342.69	640069.86	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11331.24	No	No	No	No	No	Tile_16	NA
1673	Turbine Delivery Route Option 1	Limerick	41375	TDR 25m Intervals	551336.57	640094.10	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11334.31	No	No	No	No	No	Tile_16	NA
1674	Turbine Delivery Route Option 1	Limerick	41400	TDR 25m Intervals	551330.46	640118.34	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11337.43	No	No	No	No	No	Tile_16	NA
1675	Turbine Delivery Route Option 1	Limerick	41425	TDR 25m Intervals	551324.34	640142.58	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11340.60	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1676	Turbine Delivery Route Option 1	Limerick	41450	TDR 25m Intervals	551318.23	640166.82	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11343.83	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1677	Turbine Delivery Route Option 1	Limerick	41475	TDR 25m Intervals	551311.41	640190.84	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11347.84	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1678	Turbine Delivery Route Option 1	Limerick		TDR_WCC_118	551298.17	640208.49	WCC		Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11347.84	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1679	Turbine Delivery Route Option 1	Limerick	41500	TDR 25m Intervals	551302.36	640214.15	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11354.19	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1680	Turbine Delivery Route Option 1	Limerick	41525	TDR 25m Intervals	551293.32	640237.45	NA	NA	Yes	MAIGUE_070	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11360.60	No	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone
1681	Turbine Delivery Route Option 1	Limerick	41550	TDR 25m Intervals	551284.27	640260.76	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11367.05	No	No	No	No	No	Tile_16	NA
1682	Turbine Delivery Route Option 1	Limerick	41575	TDR 25m Intervals	551275.23	640284.06	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11373.56	No	No	No	No	No	Tile_16	NA
1683	Turbine Delivery Route Option 1	Limerick	41600	TDR 25m Intervals	551266.18	640307.37	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11380.12	No	No	No	No	No	Tile_16	NA
1684	Turbine Delivery Route Option 1	Limerick	41625	TDR 25m Intervals	551257.14	640330.68	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11386.73	No	No	No	No	No	Tile_16	NA
1685	Turbine Delivery Route Option 1	Limerick	41650	TDR 25m Intervals	551248.09	640353.98	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11393.39	No	No	No	No	No	Tile_16	NA
1686	Turbine Delivery Route Option 1	Limerick	41675	TDR 25m Intervals	551237.89	640376.75	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11401.30	No	No	No	No	No	Tile_16	NA
1687	Turbine Delivery Route Option 1	Limerick	41700	TDR 25m Intervals	551225.88	640398.68	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11411.15	No	No	No	No	No	Tile_16	NA
1688	Turbine Delivery Route Option 1	Limerick	41725	TDR 25m Intervals	551213.86	640420.60	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11421.04	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1689	Turbine Delivery Route Option 1	Limerick	41750	TDR 25m Intervals	551201.85	640442.53	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11430.98	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1690	Turbine Delivery Route Option 1	Limerick	41775	TDR 25m Intervals	551189.83	640464.45	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11440.97	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1691	Turbine Delivery Route Option 1	Limerick	41800	TDR 25m Intervals	551177.82	640486.37	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11451.00	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1692	Turbine Delivery Route Option 1	Limerick	41825	TDR 25m Intervals	551165.81	640508.30	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11461.08	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1693	Turbine Delivery Route Option 1	Limerick	41850	TDR 25m Intervals	551153.79	640530.22	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11471.21	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1694	Turbine Delivery Route Option 1	Limerick	41875	TDR 25m Intervals	551141.78	640552.14	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11481.38	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1695	Turbine Delivery Route Option 1	Limerick	41900	TDR 25m Intervals	551128.31	640573.08	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11493.12	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1696	Turbine Delivery Route Option 1	Limerick	41925	TDR 25m Intervals	551112.26	640592.24	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11507.61	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1697	Turbine Delivery Route Option 1	Limerick	41950	TDR 25m Intervals	551096.21	640611.41	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11522.15	No	No	No	No	No	Tile_16	ELEVATED RISK Regionally Important Aquifer
1698	Turbine Delivery Route Option 1	Limerick	41975	TDR 25m Intervals	551080.16	640630.57	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11536.72	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1699	Turbine Delivery Route Option 1	Limerick	42000	TDR 25m Intervals	551064.10	640649.74	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11551.33	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1700	Turbine Delivery Route Option 1	Limerick	42025	TDR 25m Intervals	551048.05	640668.91	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11565.97	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1701	Turbine Delivery Route Option 1	Limerick	42050	TDR 25m Intervals	551032.00	640688.07	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11580.65	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1702	Turbine Delivery Route Option 1	Limerick	42075	TDR 25m Intervals	551015.95	640707.24	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11595.36	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1703	Turbine Delivery Route Option 1	Limerick	42100	TDR 25m Intervals	550999.90	640726.40	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11610.11	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1704	Turbine Delivery Route Option 1	Limerick	42125	TDR 25m Intervals	550983.84	640745.57	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11624.90	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1705	Turbine Delivery Route Option 1	Limerick	42150	TDR 25m Intervals	550967.79	640764.73	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11639.71	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1706	Turbine Delivery Route Option 1	Limerick	42175	TDR 25m Intervals	550951.74	640783.90	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11654.57	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1707	Turbine Delivery Route Option 1	Limerick	42200	TDR 25m Intervals	550935.69	640803.06	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11669.46	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1708	Turbine Delivery Route Option 1	Limerick	42225	TDR 25m Intervals	550919.63	640822.23	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11684.38	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1709	Turbine Delivery Route Option 1	Limerick	42250	TDR 25m Intervals	550903.58	640841.40	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11699.34	Yes	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1710	Turbine Delivery Route Option 1	Limerick	42275	TDR 25m Intervals	550887.53	640860.56	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11714.33	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1711	Turbine Delivery Route Option 1	Limerick	42300	TDR 25m Intervals	550871.48	640879.73	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11729.35	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1712	Turbine Delivery Route Option 1	Limerick	42325	TDR 25m Intervals	550855.42	640898.89	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11744.41	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1713	Turbine Delivery Route Option 1	Limerick	42350	TDR 25m Intervals	550839.37	640918.06	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11759.50	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1714	Turbine Delivery Route Option 1	Limerick	42375	TDR 25m Intervals	550823.32	640937.22	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11774.63	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1715	Turbine Delivery Route Option 1	Limerick	42400	TDR 25m Intervals	550807.27	640956.39	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11789.79	No	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1716	Turbine Delivery Route Option 1	Limerick	42425	TDR 25m Intervals	550791.21	640975.56	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11804.99	No	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1717	Turbine Delivery Route Option 1	Limerick	42450	TDR 25m Intervals	550779.99	640997.88	NA	NA	No	NA	MAIGUE_070	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11815.25	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1718	Turbine Delivery Route Option 1	Limerick	42475	TDR 25m Intervals	550768.90	641020.28	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11830.29	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1719	Turbine Delivery Route Option 1	Limerick	42500	TDR 25m Intervals	550757.81	641042.68	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11812.59	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1720	Turbine Delivery Route Option 1	Limerick	42525	TDR 25m Intervals	550746.71	641065.09	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11794.92	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1721	Turbine Delivery Route Option 1	Limerick	42550	TDR 25m Intervals	550735.61	641087.49	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11777.27	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1722	Turbine Delivery Route Option 1	Limerick	42575	TDR 25m Intervals	550724.52	641109.89	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	11759.65	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within CROOM PWS Source Protection Area
1723	Turbine Delivery Route Option 1	Limerick	42600	TDR 25m Intervals	550713.42	641132.30	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11742.05	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1724	Turbine Delivery Route Option 1	Limerick	42625	TDR 25m Intervals	550702.33	641154.70	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11724.48	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1725	Turbine Delivery Route Option 1	Limerick	42650	TDR 25m Intervals	550691.23	641177.10	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11706.94	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1726	Turbine Delivery Route Option 1	Limerick	42675	TDR 25m Intervals	550680.14	641199.51	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11689.43	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1727	Turbine Delivery Route Option 1	Limerick	42700	TDR 25m Intervals	550669.04	641221.91	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11671.94	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1728	Turbine Delivery Route Option 1	Limerick	42725	TDR 25m Intervals	550657.95	641244.31	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11654.48	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1729	Turbine Delivery Route Option 1	Limerick	42750	TDR 25m Intervals	550646.85	641266.71	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11637.05	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1730	Turbine Delivery Route Option 1	Limerick	42775	TDR 25m Intervals	550639.16	641290.27	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11617.42	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1731	Turbine Delivery Route Option 1	Limerick	42800	TDR 25m Intervals	550634.31	641314.80	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11595.94	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1732	Turbine Delivery Route Option 1	Limerick	42825	TDR 25m Intervals	550629.47	641339.32	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11574.47	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1733	Turbine Delivery Route Option 1	Limerick	42850	TDR 25m Intervals	550624.63	641363.85	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11553.01	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1734	Turbine Delivery Route Option 1	Limerick	42875	TDR 25m Intervals	550619.79	641388.38	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11531.57	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1735	Turbine Delivery Route Option 1	Limerick	42900	TDR 25m Intervals	550614.94	641412.90	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11510.15	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1736	Turbine Delivery Route Option 1	Limerick	42925	TDR 25m Intervals	550610.10	641437.43	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11488.73	Yes	CROOM PWS	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within CROOM PWS Source Protection Area
1737	Turbine Delivery Route Option 1	Limerick	42950	TDR 25m Intervals	550605.26	641461.96	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11467.34	Yes	No	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1738	Turbine Delivery Route Option 1	Limerick	42975	TDR 25m Intervals	550600.42	641486.48	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11445.95	Yes	No	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone
1739	Turbine Delivery Route Option 1	Limerick	43000	TDR 25m Intervals	550595.58	641511.01	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11424.58	No	No	No	No	No	Tile_17	NA
1740	Turbine Delivery Route Option 1	Limerick	43025	TDR 25m Intervals	550590.73	641535.54	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11403.23	No	No	No	No	No	Tile_17	NA
1741	Turbine Delivery Route Option 1	Limerick	43050	TDR 25m Intervals	550585.89	641560.06	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11381.89	No	No	No	No	No	Tile_17	NA
1742	Turbine Delivery Route Option 1	Limerick	43075	TDR 25m Intervals	550581.05	641584.59	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11360.57	No	No	No	No	No	Tile_17	NA
1743	Turbine Delivery Route Option 1	Limerick	43100	TDR 25m Intervals	550576.21	641609.12	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11339.26	No	No	No	No	No	Tile_17	NA
1744	Turbine Delivery Route Option 1	Limerick	43125	TDR 25m Intervals	550571.36	641633.64	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11317.97	No	No	No	No	No	Tile_17	NA
1745	Turbine Delivery Route Option 1	Limerick	43150	TDR 25m Intervals	550566.52	641658.17	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11296.69	No	No	No	No	No	Tile_17	NA
1746	Turbine Delivery Route Option 1	Limerick	43175	TDR 25m Intervals	550566.65	641683.04	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11273.35	No	No	No	No	No	Tile_17	NA
1747	Turbine Delivery Route Option 1	Limerick	43200	TDR 25m Intervals	550568.07	641708.00	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11249.49	No	No	No	No	No	Tile_17	NA
1748	Turbine Delivery Route Option 1	Limerick	43225	TDR 25m Intervals	550569.49	641732.96	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11225.63	No	No	No	No	No	Tile_17	NA
1749	Turbine Delivery Route Option 1	Limerick	43250	TDR 25m Intervals	550570.92	641757.92	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11201.77	No	No	No	No	No	Tile_17	NA
1750	Turbine Delivery Route Option 1	Limerick	43275	TDR 25m Intervals	550572.34	641782.88	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11177.92	No	No	No	No	No	Tile_17	NA
1751	Turbine Delivery Route Option 1	Limerick	43300	TDR 25m Intervals	550573.76	641807.84	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11154.07	No	No	No	No	No	Tile_17	NA
1752	Turbine Delivery Route Option 1	Limerick	43325	TDR 25m Intervals	550575.18	641832.80	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11130.23	No	No	No	No	No	Tile_17	NA
1753	Turbine Delivery Route Option 1	Limerick	43350	TDR 25m Intervals	550576.60	641857.76	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11106.40	No	No	No	No	No	Tile_17	NA
1754	Turbine Delivery Route Option 1	Limerick	43375	TDR 25m Intervals	550578.02	641882.72	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11082.56	No	No	No	No	No	Tile_17	NA
1755	Turbine Delivery Route Option 1	Limerick	43400	TDR 25m Intervals	550579.44	641907.68	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11058.74	No	No	No	No	No	Tile_17	NA
1756	Turbine Delivery Route Option 1	Limerick	43425	TDR 25m Intervals	550580.86	641932.64	NA	NA	No	NA	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11034.92	No	No	No	No	No	Tile_17	NA
1757	Turbine Delivery Route Option 1	Limerick	43450	TDR 25m Intervals	550582.28	641957.60	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	11011.10	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1758	Turbine Delivery Route Option 1	Limerick	43475	TDR 25m Intervals	550583.70	641982.56	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10987.29	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1759	Turbine Delivery Route Option 1	Limerick		TDR_WCC_119	550587.78	642006.83	WCC		Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_040	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10987.29	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1760	Turbine Delivery Route Option 1	Limerick	43500	TDR 25m Intervals	550585.12	642007.51	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10963.49	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1761	Turbine Delivery Route Option 1	Limerick	43525	TDR 25m Intervals	550588.08	642032.34	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10939.26	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1762	Turbine Delivery Route Option 1	Limerick	43550	TDR 25m Intervals	550591.13	642057.15	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10915.02	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1763	Turbine Delivery Route Option 1	Limerick	43575	TDR 25m Intervals	550594.17	642081.96	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10890.78	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1764	Turbine Delivery Route Option 1	Limerick	43600	TDR 25m Intervals	550597.21	642106.78	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	10866.54	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone
1765	Turbine Delivery Route Option 1	Limerick	43625	TDR 25m Intervals	550600.25	642131.59	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10842.30	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1766	Turbine Delivery Route Option 1	Limerick	43650	TDR 25m Intervals	550603.30	642156.41	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10818.07	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1767	Turbine Delivery Route Option 1	Limerick		TDR_WCC_120	550604.96	642160.51	WCC		Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10818.07	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1768	Turbine Delivery Route Option 1	Limerick	43675	TDR 25m Intervals	550606.34	642181.22	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10793.85	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1769	Turbine Delivery Route Option 1	Limerick	43700	TDR 25m Intervals	550609.38	642206.04	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10769.62	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1770	Turbine Delivery Route Option 1	Limerick	43725	TDR 25m Intervals	550612.43	642230.85	NA	NA	Yes	MAIGUE_080	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10745.40	No	No	No	No	No	Tile_17	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1771	Turbine Delivery Route Option 1	Limerick	43750	TDR 25m Intervals	550615.47	642255.66	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Moderate (M)	5 to 10m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10721.18	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1772	Turbine Delivery Route Option 1	Limerick	43775	TDR 25m Intervals	550618.51	642280.48	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10696.97	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1773	Turbine Delivery Route Option 1	Limerick	43800	TDR 25m Intervals	550621.56	642305.29	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10672.76	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1774	Turbine Delivery Route Option 1	Limerick	43825	TDR 25m Intervals	550624.60	642330.11	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10648.56	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1775	Turbine Delivery Route Option 1	Limerick	43850	TDR 25m Intervals	550627.64	642354.92	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10624.35	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1776	Turbine Delivery Route Option 1	Limerick	43875	TDR 25m Intervals	550630.68	642379.73	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10600.15	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1777	Turbine Delivery Route Option 1	Limerick	43900	TDR 25m Intervals	550633.73	642404.55	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10575.96	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1778	Turbine Delivery Route Option 1	Limerick	43925	TDR 25m Intervals	550636.77	642429.36	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10551.77	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1779	Turbine Delivery Route Option 1	Limerick	43950	TDR 25m Intervals	550639.81	642454.18	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10527.58	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1780	Turbine Delivery Route Option 1	Limerick	43975	TDR 25m Intervals	550642.86	642478.99	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10503.40	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1781	Turbine Delivery Route Option 1	Limerick	44000	TDR 25m Intervals	550645.90	642503.81	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10479.22	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1782	Turbine Delivery Route Option 1	Limerick	44025	TDR 25m Intervals	550648.94	642528.62	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10455.04	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1783	Turbine Delivery Route Option 1	Limerick	44050	TDR 25m Intervals	550651.98	642553.43	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10430.87	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1784	Turbine Delivery Route Option 1	Limerick	44075	TDR 25m Intervals	550655.03	642578.25	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10406.70	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1785	Turbine Delivery Route Option 1	Limerick	44100	TDR 25m Intervals	550658.07	642603.06	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10382.54	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1786	Turbine Delivery Route Option 1	Limerick	44125	TDR 25m Intervals	550661.11	642627.88	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10358.38	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1787	Turbine Delivery Route Option 1	Limerick	44150	TDR 25m Intervals	550664.16	642652.69	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10334.22	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1788	Turbine Delivery Route Option 1	Limerick	44175	TDR 25m Intervals	550667.20	642677.50	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10310.07	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1789	Turbine Delivery Route Option 1	Limerick	44200	TDR 25m Intervals	550670.24	642702.32	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10285.92	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1790	Turbine Delivery Route Option 1	Limerick	44225	TDR 25m Intervals	550673.29	642727.13	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10261.78	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1791	Turbine Delivery Route Option 1	Limerick	44250	TDR 25m Intervals	550676.33	642751.95	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10237.64	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1792	Turbine Delivery Route Option 1	Limerick	44275	TDR 25m Intervals	550679.37	642776.76	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10213.50	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1793	Turbine Delivery Route Option 1	Limerick	44300	TDR 25m Intervals	550682.33	642801.58	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10189.40	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1794	Turbine Delivery Route Option 1	Limerick	44325	TDR 25m Intervals	550683.62	642826.55	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10165.80	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1795	Turbine Delivery Route Option 1	Limerick	44350	TDR 25m Intervals	550684.90	642851.51	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10142.20	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1796	Turbine Delivery Route Option 1	Limerick	44375	TDR 25m Intervals	550686.19	642876.48	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10118.61	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1797	Turbine Delivery Route Option 1	Limerick	44400	TDR 25m Intervals	550687.47	642901.45	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10095.03	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1798	Turbine Delivery Route Option 1	Limerick	44425	TDR 25m Intervals	550688.76	642926.42	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10071.45	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1799	Turbine Delivery Route Option 1	Limerick	44450	TDR 25m Intervals	550690.04	642951.38	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10047.88	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1800	Turbine Delivery Route Option 1	Limerick	44475	TDR 25m Intervals	550691.33	642976.35	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10024.32	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1801	Turbine Delivery Route Option 1	Limerick	44500	TDR 25m Intervals	550692.61	643001.32	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	10000.76	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1802	Turbine Delivery Route Option 1	Limerick	44525	TDR 25m Intervals	550693.90	643026.28	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9977.22	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1803	Turbine Delivery Route Option 1	Limerick	44550	TDR 25m Intervals	550695.18	643051.25	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9953.68	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1804	Turbine Delivery Route Option 1	Limerick	44575	TDR 25m Intervals	550696.46	643076.22	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9930.14	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1805	Turbine Delivery Route Option 1	Limerick	44600	TDR 25m Intervals	550697.75	643101.19	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9906.62	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1806	Turbine Delivery Route Option 1	Limerick	44625	TDR 25m Intervals	550699.03	643126.15	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9883.10	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer
1807	Turbine Delivery Route Option 1	Limerick	44650	TDR 25m Intervals	550700.32	643151.12	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9859.58	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1808	Turbine Delivery Route Option 1	Limerick	44675	TDR 25m Intervals	550699.72	643175.98	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9836.91	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1809	Turbine Delivery Route Option 1	Limerick	44700	TDR 25m Intervals	550695.56	643200.63	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9815.83	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1810	Turbine Delivery Route Option 1	Limerick	44725	TDR 25m Intervals	550691.40	643225.28	NA	NA	No	NA	MAIGUE_080	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9794.77	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1811	Turbine Delivery Route Option 1	Limerick	44750	TDR 25m Intervals	550687.24	643249.93	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9773.73	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1812	Turbine Delivery Route Option 1	Limerick	44775	TDR 25m Intervals	550683.09	643274.58	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9752.70	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1813	Turbine Delivery Route Option 1	Limerick	44800	TDR 25m Intervals	550678.93	643299.24	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9731.70	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1814	Turbine Delivery Route Option 1	Limerick	44825	TDR 25m Intervals	550674.77	643323.89	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9710.71	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1815	Turbine Delivery Route Option 1	Limerick	44850	TDR 25m Intervals	550670.61	643348.54	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9689.75	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1816	Turbine Delivery Route Option 1	Limerick		TDR_WCC_121	550670.04	643371.70	WCC		Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9689.75	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
1817	Turbine Delivery Route Option 1	Limerick	44875	TDR 25m Intervals	550666.46	643373.19	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9668.80	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1818	Turbine Delivery Route Option 1	Limerick	44900	TDR 25m Intervals	550662.30	643397.84	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9647.87	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1819	Turbine Delivery Route Option 1	Limerick	44925	TDR 25m Intervals	550658.14	643422.50	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9626.96	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1820	Turbine Delivery Route Option 1	Limerick	44950	TDR 25m Intervals	550653.98	643447.15	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9606.07	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1821	Turbine Delivery Route Option 1	Limerick	44975	TDR 25m Intervals	550649.83	643471.80	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9585.20	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1822	Turbine Delivery Route Option 1	Limerick	45000	TDR 25m Intervals	550645.67	643496.45	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9564.35	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1823	Turbine Delivery Route Option 1	Limerick	45025	TDR 25m Intervals	550641.51	643521.10	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9543.52	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1824	Turbine Delivery Route Option 1	Limerick	45050	TDR 25m Intervals	550637.36	643545.76	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9522.70	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1825	Turbine Delivery Route Option 1	Limerick	45075	TDR 25m Intervals	550633.20	643570.41	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9501.92	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1826	Turbine Delivery Route Option 1	Limerick	45100	TDR 25m Intervals	550629.04	643595.06	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9481.15	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1827	Turbine Delivery Route Option 1	Limerick	45125	TDR 25m Intervals	550624.88	643619.71	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9460.40	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1828	Turbine Delivery Route Option 1	Limerick	45150	TDR 25m Intervals	550620.73	643644.36	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9439.67	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1829	Turbine Delivery Route Option 1	Limerick	45175	TDR 25m Intervals	550616.57	643669.02	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9418.96	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1830	Turbine Delivery Route Option 1	Limerick	45200	TDR 25m Intervals	550612.41	643693.67	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9398.27	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1831	Turbine Delivery Route Option 1	Limerick	45225	TDR 25m Intervals	550608.25	643718.32	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9377.61	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1832	Turbine Delivery Route Option 1	Limerick	45250	TDR 25m Intervals	550604.10	643742.97	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9356.96	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1833	Turbine Delivery Route Option 1	Limerick	45275	TDR 25m Intervals	550599.94	643767.62	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9336.34	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1834	Turbine Delivery Route Option 1	Limerick	45300	TDR 25m Intervals	550595.78	643792.28	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9315.73	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1835	Turbine Delivery Route Option 1	Limerick		TDR_WCC_122	550590.45	643810.01	WCC		Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9315.73	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1836	Turbine Delivery Route Option 1	Limerick	45325	TDR 25m Intervals	550591.63	643816.93	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9295.15	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1837	Turbine Delivery Route Option 1	Limerick	45350	TDR 25m Intervals	550587.47	643841.58	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9274.60	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1838	Turbine Delivery Route Option 1	Limerick	45375	TDR 25m Intervals	550583.31	643866.23	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9254.06	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1839	Turbine Delivery Route Option 1	Limerick	45400	TDR 25m Intervals	550579.15	643890.88	NA	NA	Yes	MAIGUE_090	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9233.54	Yes	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
1840	Turbine Delivery Route Option 1	Limerick	45425	TDR 25m Intervals	550574.99	643915.53	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9213.05	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1841	Turbine Delivery Route Option 1	Limerick	45450	TDR 25m Intervals	550570.84	643940.19	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9192.58	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1842	Turbine Delivery Route Option 1	Limerick	45475	TDR 25m Intervals	550566.68	643964.84	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9172.13	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1843	Turbine Delivery Route Option 1	Limerick	45500	TDR 25m Intervals	550562.52	643989.49	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9151.71	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1844	Turbine Delivery Route Option 1	Limerick	45525	TDR 25m Intervals	550558.37	644014.14	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9131.30	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1845	Turbine Delivery Route Option 1	Limerick	45550	TDR 25m Intervals	550554.21	644038.79	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9110.92	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1846	Turbine Delivery Route Option 1	Limerick	45575	TDR 25m Intervals	550550.05	644063.44	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9090.57	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1847	Turbine Delivery Route Option 1	Limerick	45600	TDR 25m Intervals	550545.89	644088.10	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9070.23	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1848	Turbine Delivery Route Option 1	Limerick	45625	TDR 25m Intervals	550541.74	644112.75	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9049.92	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1849	Turbine Delivery Route Option 1	Limerick	45650	TDR 25m Intervals	550537.58	644137.40	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9029.64	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1850	Turbine Delivery Route Option 1	Limerick	45675	TDR 25m Intervals	550534.71	644162.23	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	9008.64	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1851	Turbine Delivery Route Option 1	Limerick	45700	TDR 25m Intervals	550531.89	644187.07	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8987.63	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1852	Turbine Delivery Route Option 1	Limerick	45725	TDR 25m Intervals	550529.07	644211.92	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8966.65	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1853	Turbine Delivery Route Option 1	Limerick	45750	TDR 25m Intervals	550526.26	644236.76	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8945.68	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1854	Turbine Delivery Route Option 1	Limerick	45775	TDR 25m Intervals	550523.44	644261.60	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8924.74	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1855	Turbine Delivery Route Option 1	Limerick	45800	TDR 25m Intervals	550520.62	644286.44	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8903.82	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1856	Turbine Delivery Route Option 1	Limerick	45825	TDR 25m Intervals	550517.80	644311.28	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8882.92	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1857	Turbine Delivery Route Option 1	Limerick	45850	TDR 25m Intervals	550514.98	644336.12	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8862.04	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1858	Turbine Delivery Route Option 1	Limerick	45875	TDR 25m Intervals	550512.17	644360.96	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8841.18	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1859	Turbine Delivery Route Option 1	Limerick	45900	TDR 25m Intervals	550509.35	644385.80	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8820.34	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1860	Turbine Delivery Route Option 1	Limerick	45925	TDR 25m Intervals	550506.53	644410.64	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8799.52	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1861	Turbine Delivery Route Option 1	Limerick	45950	TDR 25m Intervals	550503.71	644435.48	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8778.73	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1862	Turbine Delivery Route Option 1	Limerick	45975	TDR 25m Intervals	550502.52	644460.27	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8757.25	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1863	Turbine Delivery Route Option 1	Limerick	46000	TDR 25m Intervals	550506.85	644484.90	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8733.40	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1864	Turbine Delivery Route Option 1	Limerick	46025	TDR 25m Intervals	550511.18	644509.52	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8709.55	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1865	Turbine Delivery Route Option 1	Limerick	46050	TDR 25m Intervals	550515.51	644534.14	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8685.71	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1866	Turbine Delivery Route Option 1	Limerick	46075	TDR 25m Intervals	550519.84	644558.76	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8661.87	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1867	Turbine Delivery Route Option 1	Limerick	46100	TDR 25m Intervals	550524.17	644583.39	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8638.04	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1868	Turbine Delivery Route Option 1	Limerick	46125	TDR 25m Intervals	550528.50	644608.01	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8614.22	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1869	Turbine Delivery Route Option 1	Limerick	46150	TDR 25m Intervals	550532.83	644632.63	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8590.41	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1870	Turbine Delivery Route Option 1	Limerick	46175	TDR 25m Intervals	550537.16	644657.25	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8566.60	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer
1871	Turbine Delivery Route Option 1	Limerick	46200	TDR 25m Intervals	550541.49	644681.87	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8542.80	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1872	Turbine Delivery Route Option 1	Limerick	46225	TDR 25m Intervals	550545.82	644706.50	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8519.00	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1873	Turbine Delivery Route Option 1	Limerick	46250	TDR 25m Intervals	550550.15	644731.12	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8495.22	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1874	Turbine Delivery Route Option 1	Limerick	46275	TDR 25m Intervals	550554.48	644755.74	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8471.44	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1875	Turbine Delivery Route Option 1	Limerick	46300	TDR 25m Intervals	550558.81	644780.36	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8447.66	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1876	Turbine Delivery Route Option 1	Limerick	46325	TDR 25m Intervals	550563.14	644804.98	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8423.90	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1877	Turbine Delivery Route Option 1	Limerick	46350	TDR 25m Intervals	550567.47	644829.61	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8400.14	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1878	Turbine Delivery Route Option 1	Limerick	46375	TDR 25m Intervals	550575.96	644852.95	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8375.55	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1879	Turbine Delivery Route Option 1	Limerick	46400	TDR 25m Intervals	550586.24	644875.73	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8350.60	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1880	Turbine Delivery Route Option 1	Limerick	46425	TDR 25m Intervals	550596.52	644898.52	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8325.66	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1881	Turbine Delivery Route Option 1	Limerick	46450	TDR 25m Intervals	550606.81	644921.31	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8300.71	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1882	Turbine Delivery Route Option 1	Limerick	46475	TDR 25m Intervals	550617.09	644944.09	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8275.77	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1883	Turbine Delivery Route Option 1	Limerick	46500	TDR 25m Intervals	550627.37	644966.88	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8250.82	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1884	Turbine Delivery Route Option 1	Limerick	46525	TDR 25m Intervals	550637.66	644989.67	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8225.88	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1885	Turbine Delivery Route Option 1	Limerick	46550	TDR 25m Intervals	550647.94	645012.46	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8200.93	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1886	Turbine Delivery Route Option 1	Limerick	46575	TDR 25m Intervals	550658.22	645035.24	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8175.99	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1887	Turbine Delivery Route Option 1	Limerick	46600	TDR 25m Intervals	550668.51	645058.03	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8151.05	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1888	Turbine Delivery Route Option 1	Limerick	46625	TDR 25m Intervals	550678.79	645080.82	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8126.11	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1889	Turbine Delivery Route Option 1	Limerick	46650	TDR 25m Intervals	550689.07	645103.60	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8101.16	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1890	Turbine Delivery Route Option 1	Limerick	46675	TDR 25m Intervals	550699.36	645126.39	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8076.22	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1891	Turbine Delivery Route Option 1	Limerick	46700	TDR 25m Intervals	550709.64	645149.18	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8051.28	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1892	Turbine Delivery Route Option 1	Limerick	46725	TDR 25m Intervals	550719.93	645171.97	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8026.34	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1893	Turbine Delivery Route Option 1	Limerick	46750	TDR 25m Intervals	550730.21	645194.75	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	8001.40	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1894	Turbine Delivery Route Option 1	Limerick	46775	TDR 25m Intervals	550740.49	645217.54	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7976.46	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1895	Turbine Delivery Route Option 1	Limerick	46800	TDR 25m Intervals	550750.82	645240.31	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7951.51	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1896	Turbine Delivery Route Option 1	Limerick	46825	TDR 25m Intervals	550762.85	645262.22	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Rock near surface or karst (X)	<1m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7926.51	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1897	Turbine Delivery Route Option 1	Limerick	46850	TDR 25m Intervals	550774.88	645284.13	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7901.51	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1898	Turbine Delivery Route Option 1	Limerick	46875	TDR 25m Intervals	550786.92	645306.05	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7876.51	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1899	Turbine Delivery Route Option 1	Limerick	46900	TDR 25m Intervals	550798.95	645327.96	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7851.50	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1900	Turbine Delivery Route Option 1	Limerick	46925	TDR 25m Intervals	550810.98	645349.87	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7826.50	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1901	Turbine Delivery Route Option 1	Limerick	46950	TDR 25m Intervals	550823.02	645371.79	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7801.50	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1902	Turbine Delivery Route Option 1	Limerick	46975	TDR 25m Intervals	550835.05	645393.70	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7776.49	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1903	Turbine Delivery Route Option 1	Limerick	47000	TDR 25m Intervals	550847.08	645415.61	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7751.49	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1904	Turbine Delivery Route Option 1	Limerick	47025	TDR 25m Intervals	550859.12	645437.53	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7726.49	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1905	Turbine Delivery Route Option 1	Limerick	47050	TDR 25m Intervals	550871.15	645459.44	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7701.48	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1906	Turbine Delivery Route Option 1	Limerick	47075	TDR 25m Intervals	550883.19	645481.35	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7676.48	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1907	Turbine Delivery Route Option 1	Limerick	47100	TDR 25m Intervals	550895.22	645503.27	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7651.48	Yes	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1908	Turbine Delivery Route Option 1	Limerick	47125	TDR 25m Intervals	550907.25	645525.18	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7626.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1909	Turbine Delivery Route Option 1	Limerick	47150	TDR 25m Intervals	550919.29	645547.09	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7601.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1910	Turbine Delivery Route Option 1	Limerick	47175	TDR 25m Intervals	550931.32	645569.01	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7576.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1911	Turbine Delivery Route Option 1	Limerick	47200	TDR 25m Intervals	550943.35	645590.92	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7551.46	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1912	Turbine Delivery Route Option 1	Limerick	47225	TDR 25m Intervals	550955.39	645612.83	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7526.46	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1913	Turbine Delivery Route Option 1	Limerick	47250	TDR 25m Intervals	550967.42	645634.75	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7501.46	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1914	Turbine Delivery Route Option 1	Limerick	47275	TDR 25m Intervals	550979.45	645656.66	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	High (H)	3 to 5m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7476.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1915	Turbine Delivery Route Option 1	Limerick	47300	TDR 25m Intervals	550991.49	645678.57	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7451.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1916	Turbine Delivery Route Option 1	Limerick	47325	TDR 25m Intervals	551003.52	645700.49	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7426.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1917	Turbine Delivery Route Option 1	Limerick	47350	TDR 25m Intervals	551015.55	645722.40	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7401.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1918	Turbine Delivery Route Option 1	Limerick	47375	TDR 25m Intervals	551027.59	645744.31	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7376.44	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1919	Turbine Delivery Route Option 1	Limerick	47400	TDR 25m Intervals	551039.62	645766.23	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7351.44	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1920	Turbine Delivery Route Option 1	Limerick	47425	TDR 25m Intervals	551051.65	645788.14	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7326.44	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1921	Turbine Delivery Route Option 1	Limerick	47450	TDR 25m Intervals	551063.69	645810.05	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7301.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1922	Turbine Delivery Route Option 1	Limerick	47475	TDR 25m Intervals	551075.72	645831.97	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7276.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1923	Turbine Delivery Route Option 1	Limerick	47500	TDR 25m Intervals	551087.75	645853.88	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7251.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1924	Turbine Delivery Route Option 1	Limerick	47525	TDR 25m Intervals	551099.79	645875.79	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7226.42	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1925	Turbine Delivery Route Option 1	Limerick	47550	TDR 25m Intervals	551111.82	645897.71	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7201.42	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1926	Turbine Delivery Route Option 1	Limerick	47575	TDR 25m Intervals	551123.85	645919.62	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7176.42	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1927	Turbine Delivery Route Option 1	Limerick	47600	TDR 25m Intervals	551135.89	645941.53	NA	NA	No	NA	MAIGUE_090	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7151.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1928	Turbine Delivery Route Option 1	Limerick	47625	TDR 25m Intervals	551147.92	645963.45	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7126.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1929	Turbine Delivery Route Option 1	Limerick	47650	TDR 25m Intervals	551159.95	645985.36	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7101.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1930	Turbine Delivery Route Option 1	Limerick	47675	TDR 25m Intervals	551171.91	646007.30	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7076.42	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1931	Turbine Delivery Route Option 1	Limerick	47700	TDR 25m Intervals	551177.11	646031.76	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7052.43	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1932	Turbine Delivery Route Option 1	Limerick	47725	TDR 25m Intervals	551182.31	646056.21	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7028.44	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1933	Turbine Delivery Route Option 1	Limerick	47750	TDR 25m Intervals	551187.51	646080.66	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	7004.46	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1934	Turbine Delivery Route Option 1	Limerick	47775	TDR 25m Intervals	551192.71	646105.11	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6980.49	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1935	Turbine Delivery Route Option 1	Limerick	47800	TDR 25m Intervals	551197.92	646129.57	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6956.53	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1936	Turbine Delivery Route Option 1	Limerick	47825	TDR 25m Intervals	551203.12	646154.02	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6932.57	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1937	Turbine Delivery Route Option 1	Limerick	47850	TDR 25m Intervals	551208.32	646178.47	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6908.63	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1938	Turbine Delivery Route Option 1	Limerick	47875	TDR 25m Intervals	551213.52	646202.93	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6884.69	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1939	Turbine Delivery Route Option 1	Limerick	47900	TDR 25m Intervals	551218.02	646227.45	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6861.03	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1940	Turbine Delivery Route Option 1	Limerick	47925	TDR 25m Intervals	551217.75	646252.45	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6839.27	No	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer
1941	Turbine Delivery Route Option 1	Limerick	47950	TDR 25m Intervals	551217.48	646277.45	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6817.54	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1942	Turbine Delivery Route Option 1	Limerick	47975	TDR 25m Intervals	551217.21	646302.45	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6795.84	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1943	Turbine Delivery Route Option 1	Limerick	48000	TDR 25m Intervals	551216.94	646327.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6774.15	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1944	Turbine Delivery Route Option 1	Limerick	48025	TDR 25m Intervals	551216.67	646352.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6752.49	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1945	Turbine Delivery Route Option 1	Limerick	48050	TDR 25m Intervals	551216.40	646377.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6730.85	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1946	Turbine Delivery Route Option 1	Limerick	48075	TDR 25m Intervals	551216.13	646402.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6709.23	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1947	Turbine Delivery Route Option 1	Limerick	48100	TDR 25m Intervals	551215.86	646427.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Rkd) Regionally Important Aquifer - Karstified (diffuse)	NA	NA	6687.64	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
1948	Turbine Delivery Route Option 1	Limerick	48125	TDR 25m Intervals	551215.59	646452.44	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6666.07	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1949	Turbine Delivery Route Option 1	Limerick	48150	TDR 25m Intervals	551215.32	646477.43	NA	NA	Yes	Mondellihy_010	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6644.53	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1950	Turbine Delivery Route Option 1	Limerick		TDR_WCC_123	551216.13	646502.48	WCC		Yes	Mondellihy_010	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6644.53	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1951	Turbine Delivery Route Option 1	Limerick	48175	TDR 25m Intervals	551215.05	646502.43	NA	NA	Yes	Mondellihy_010	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6623.01	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1952	Turbine Delivery Route Option 1	Limerick	48200	TDR 25m Intervals	551214.78	646527.43	NA	NA	Yes	Mondellihy_010	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6601.51	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1953	Turbine Delivery Route Option 1	Limerick	48225	TDR 25m Intervals	551214.51	646552.43	NA	NA	Yes	Mondellihy_010	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6580.04	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1954	Turbine Delivery Route Option 1	Limerick	48250	TDR 25m Intervals	551214.24	646577.43	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6558.59	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1955	Turbine Delivery Route Option 1	Limerick	48275	TDR 25m Intervals	551213.97	646602.43	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6537.17	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1956	Turbine Delivery Route Option 1	Limerick	48300	TDR 25m Intervals	551213.70	646627.43	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6515.78	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1957	Turbine Delivery Route Option 1	Limerick	48325	TDR 25m Intervals	551213.43	646652.42	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6494.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1958	Turbine Delivery Route Option 1	Limerick	48350	TDR 25m Intervals	551213.16	646677.42	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6473.07	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1959	Turbine Delivery Route Option 1	Limerick	48375	TDR 25m Intervals	551212.89	646702.42	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6451.75	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1960	Turbine Delivery Route Option 1	Limerick	48400	TDR 25m Intervals	551211.12	646727.35	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6431.29	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1961	Turbine Delivery Route Option 1	Limerick	48425	TDR 25m Intervals	551209.05	646752.26	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6411.03	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1962	Turbine Delivery Route Option 1	Limerick	48450	TDR 25m Intervals	551206.99	646777.18	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6390.81	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1963	Turbine Delivery Route Option 1	Limerick	48475	TDR 25m Intervals	551204.92	646802.09	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6370.62	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1964	Turbine Delivery Route Option 1	Limerick	48500	TDR 25m Intervals	551202.86	646827.01	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6350.46	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1965	Turbine Delivery Route Option 1	Limerick	48525	TDR 25m Intervals	551200.79	646851.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6330.34	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1966	Turbine Delivery Route Option 1	Limerick	48550	TDR 25m Intervals	551198.73	646876.84	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6310.25	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1967	Turbine Delivery Route Option 1	Limerick	48575	TDR 25m Intervals	551196.66	646901.75	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6290.19	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1968	Turbine Delivery Route Option 1	Limerick	48600	TDR 25m Intervals	551194.60	646926.67	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6270.18	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1969	Turbine Delivery Route Option 1	Limerick	48625	TDR 25m Intervals	551192.54	646951.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6250.20	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1970	Turbine Delivery Route Option 1	Limerick	48650	TDR 25m Intervals	551190.47	646976.49	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6230.25	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1971	Turbine Delivery Route Option 1	Limerick	48675	TDR 25m Intervals	551188.41	647001.41	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6210.34	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1972	Turbine Delivery Route Option 1	Limerick	48700	TDR 25m Intervals	551186.34	647026.32	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6190.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1973	Turbine Delivery Route Option 1	Limerick	48725	TDR 25m Intervals	551184.28	647051.24	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6170.64	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1974	Turbine Delivery Route Option 1	Limerick	48750	TDR 25m Intervals	551182.21	647076.15	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6150.84	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1975	Turbine Delivery Route Option 1	Limerick	48775	TDR 25m Intervals	551180.15	647101.07	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6131.08	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1976	Turbine Delivery Route Option 1	Limerick	48800	TDR 25m Intervals	551178.08	647125.98	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6111.36	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1977	Turbine Delivery Route Option 1	Limerick	48825	TDR 25m Intervals	551176.02	647150.90	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6091.68	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1978	Turbine Delivery Route Option 1	Limerick	48850	TDR 25m Intervals	551173.95	647175.81	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6072.04	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1979	Turbine Delivery Route Option 1	Limerick	48875	TDR 25m Intervals	551171.89	647200.73	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6052.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1980	Turbine Delivery Route Option 1	Limerick	48900	TDR 25m Intervals	551171.21	647225.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6032.14	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1981	Turbine Delivery Route Option 1	Limerick	48925	TDR 25m Intervals	551175.28	647250.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	6009.40	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1982	Turbine Delivery Route Option 1	Limerick	48950	TDR 25m Intervals	551179.35	647274.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5986.67	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1983	Turbine Delivery Route Option 1	Limerick	48975	TDR 25m Intervals	551183.42	647299.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5963.96	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1984	Turbine Delivery Route Option 1	Limerick	49000	TDR 25m Intervals	551187.49	647324.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5941.26	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1985	Turbine Delivery Route Option 1	Limerick	49025	TDR 25m Intervals	551191.56	647348.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5918.59	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1986	Turbine Delivery Route Option 1	Limerick	49050	TDR 25m Intervals	551195.63	647373.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5895.93	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1987	Turbine Delivery Route Option 1	Limerick	49075	TDR 25m Intervals	551199.70	647398.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5873.30	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1988	Turbine Delivery Route Option 1	Limerick	49100	TDR 25m Intervals	551203.77	647422.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5850.68	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1989	Turbine Delivery Route Option 1	Limerick	49125	TDR 25m Intervals	551207.83	647447.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5828.08	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1990	Turbine Delivery Route Option 1	Limerick	49150	TDR 25m Intervals	551211.90	647472.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5805.50	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1991	Turbine Delivery Route Option 1	Limerick	49175	TDR 25m Intervals	551215.97	647496.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5782.95	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1992	Turbine Delivery Route Option 1	Limerick	49200	TDR 25m Intervals	551220.04	647521.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5760.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1993	Turbine Delivery Route Option 1	Limerick	49225	TDR 25m Intervals	551224.11	647546.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5737.89	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1994	Turbine Delivery Route Option 1	Limerick	49250	TDR 25m Intervals	551228.18	647570.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5715.40	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1995	Turbine Delivery Route Option 1	Limerick	49275	TDR 25m Intervals	551232.25	647595.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5692.92	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1996	Turbine Delivery Route Option 1	Limerick	49300	TDR 25m Intervals	551236.32	647620.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5670.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1997	Turbine Delivery Route Option 1	Limerick	49325	TDR 25m Intervals	551240.39	647644.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5648.03	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1998	Turbine Delivery Route Option 1	Limerick	49350	TDR 25m Intervals	551241.40	647669.74	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5627.28	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1999	Turbine Delivery Route Option 1	Limerick	49375	TDR 25m Intervals	551239.81	647694.69	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5607.99	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
2000	Turbine Delivery Route Option 1	Limerick	49400	TDR 25m Intervals	551238.21	647719.64	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5588.75	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
2001	Turbine Delivery Route Option 1	Limerick	49425	TDR 25m Intervals	551236.61	647744.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5569.55	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
2002	Turbine Delivery Route Option 1	Limerick	49450	TDR 25m Intervals	551234.25	647769.46	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5550.91	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
2003	Turbine Delivery Route Option 1	Limerick	49475	TDR 25m Intervals	551230.94	647794.24	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5532.97	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
2004	Turbine Delivery Route Option 1	Limerick	49500	TDR 25m Intervals	551227.63	647819.02	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5515.08	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2005	Turbine Delivery Route Option 1	Limerick	49525	TDR 25m Intervals	551224.32	647843.80	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5497.24	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2006	Turbine Delivery Route Option 1	Limerick	49550	TDR 25m Intervals	551221.01	647868.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5479.46	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2007	Turbine Delivery Route Option 1	Limerick	49575	TDR 25m Intervals	551217.70	647893.36	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5461.73	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2008	Turbine Delivery Route Option 1	Limerick	49600	TDR 25m Intervals	551214.39	647918.14	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5444.07	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2009	Turbine Delivery Route Option 1	Limerick	49625	TDR 25m Intervals	551211.08	647942.92	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5426.46	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2010	Turbine Delivery Route Option 1	Limerick	49650	TDR 25m Intervals	551207.78	647967.70	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5408.90	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2011	Turbine Delivery Route Option 1	Limerick	49675	TDR 25m Intervals	551204.47	647992.48	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5391.41	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2012	Turbine Delivery Route Option 1	Limerick	49700	TDR 25m Intervals	551201.16	648017.26	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5373.98	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2013	Turbine Delivery Route Option 1	Limerick	49725	TDR 25m Intervals	551197.85	648042.04	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5356.61	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2014	Turbine Delivery Route Option 1	Limerick	49750	TDR 25m Intervals	551194.54	648066.82	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5339.29	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2015	Turbine Delivery Route Option 1	Limerick	49775	TDR 25m Intervals	551191.23	648091.60	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5322.04	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2016	Turbine Delivery Route Option 1	Limerick	49800	TDR 25m Intervals	551187.93	648116.38	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5304.85	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2017	Turbine Delivery Route Option 1	Limerick	49825	TDR 25m Intervals	551184.62	648141.16	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5287.73	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2018	Turbine Delivery Route Option 1	Limerick	49850	TDR 25m Intervals	551181.31	648165.94	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5270.66	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2019	Turbine Delivery Route Option 1	Limerick	49875	TDR 25m Intervals	551178.00	648190.72	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5253.66	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2020	Turbine Delivery Route Option 1	Limerick	49900	TDR 25m Intervals	551174.69	648215.50	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5236.72	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2021	Turbine Delivery Route Option 1	Limerick	49925	TDR 25m Intervals	551171.38	648240.28	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5219.85	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2022	Turbine Delivery Route Option 1	Limerick	49950	TDR 25m Intervals	551168.07	648265.06	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5203.05	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2023	Turbine Delivery Route Option 1	Limerick	49975	TDR 25m Intervals	551164.77	648289.84	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5186.31	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2024	Turbine Delivery Route Option 1	Limerick	50000	TDR 25m Intervals	551161.46	648314.62	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5169.63	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2025	Turbine Delivery Route Option 1	Limerick	50025	TDR 25m Intervals	551158.15	648339.40	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5153.03	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2026	Turbine Delivery Route Option 1	Limerick	50050	TDR 25m Intervals	551154.84	648364.18	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5136.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2027	Turbine Delivery Route Option 1	Limerick	50075	TDR 25m Intervals	551151.61	648388.97	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5119.96	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2028	Turbine Delivery Route Option 1	Limerick	50100	TDR 25m Intervals	551148.40	648413.76	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5103.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2029	Turbine Delivery Route Option 1	Limerick	50125	TDR 25m Intervals	551145.19	648438.56	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5087.08	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2030	Turbine Delivery Route Option 1	Limerick	50150	TDR 25m Intervals	551150.37	648460.78	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5067.06	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2031	Turbine Delivery Route Option 1	Limerick	50175	TDR 25m Intervals	551166.92	648479.51	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5042.05	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2032	Turbine Delivery Route Option 1	Limerick	50200	TDR 25m Intervals	551185.36	648495.63	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	5017.74	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2033	Turbine Delivery Route Option 1	Limerick	50225	TDR 25m Intervals	551208.38	648505.37	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4995.14	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2034	Turbine Delivery Route Option 1	Limerick	50250	TDR 25m Intervals	551231.40	648515.12	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4972.56	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2035	Turbine Delivery Route Option 1	Limerick	50275	TDR 25m Intervals	551254.42	648524.87	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4950.00	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2036	Turbine Delivery Route Option 1	Limerick	50300	TDR 25m Intervals	551276.27	648536.01	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4927.19	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2037	Turbine Delivery Route Option 1	Limerick	50325	TDR 25m Intervals	551289.80	648557.03	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4902.47	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2038	Turbine Delivery Route Option 1	Limerick	50350	TDR 25m Intervals	551303.33	648578.05	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4877.75	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2039	Turbine Delivery Route Option 1	Limerick	50375	TDR 25m Intervals	551316.86	648599.08	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4853.03	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2040	Turbine Delivery Route Option 1	Limerick	50400	TDR 25m Intervals	551330.40	648620.10	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4828.31	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2041	Turbine Delivery Route Option 1	Limerick	50425	TDR 25m Intervals	551343.93	648641.12	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4803.60	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2042	Turbine Delivery Route Option 1	Limerick	50450	TDR 25m Intervals	551357.46	648662.14	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4778.89	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2043	Turbine Delivery Route Option 1	Limerick	50475	TDR 25m Intervals	551370.99	648683.16	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4754.19	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2044	Turbine Delivery Route Option 1	Limerick	50500	TDR 25m Intervals	551384.52	648704.18	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4729.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2045	Turbine Delivery Route Option 1	Limerick	50525	TDR 25m Intervals	551398.05	648725.20	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4704.79	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2046	Turbine Delivery Route Option 1	Limerick	50550	TDR 25m Intervals	551411.58	648746.22	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4680.09	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2047	Turbine Delivery Route Option 1	Limerick	50575	TDR 25m Intervals	551425.12	648767.25	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4655.40	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2048	Turbine Delivery Route Option 1	Limerick	50600	TDR 25m Intervals	551438.65	648788.27	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4630.71	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2049	Turbine Delivery Route Option 1	Limerick	50625	TDR 25m Intervals	551452.18	648809.29	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4606.03	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2050	Turbine Delivery Route Option 1	Limerick	50650	TDR 25m Intervals	551465.92	648830.16	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4581.32	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2051	Turbine Delivery Route Option 1	Limerick	50675	TDR 25m Intervals	551481.74	648849.51	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4556.34	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2052	Turbine Delivery Route Option 1	Limerick	50700	TDR 25m Intervals	551497.57	648868.87	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4531.36	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2053	Turbine Delivery Route Option 1	Limerick	50725	TDR 25m Intervals	551513.39	648888.22	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4506.39	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2054	Turbine Delivery Route Option 1	Limerick	50750	TDR 25m Intervals	551529.22	648907.58	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4481.42	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2055	Turbine Delivery Route Option 1	Limerick	50775	TDR 25m Intervals	551545.04	648926.93	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4456.44	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2056	Turbine Delivery Route Option 1	Limerick	50800	TDR 25m Intervals	551560.86	648946.29	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4431.47	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2057	Turbine Delivery Route Option 1	Limerick	50825	TDR 25m Intervals	551576.69	648965.64	NA	NA	No	NA	Mondellihy_010	Maigue_SC_050	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4406.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2058	Turbine Delivery Route Option 1	Limerick	50850	TDR 25m Intervals	551592.51	648984.99	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4381.52	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2059	Turbine Delivery Route Option 1	Limerick	50875	TDR 25m Intervals	551608.34	649004.35	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4356.55	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2060	Turbine Delivery Route Option 1	Limerick	50900	TDR 25m Intervals	551624.16	649023.70	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4331.58	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2061	Turbine Delivery Route Option 1	Limerick	50925	TDR 25m Intervals	551639.98	649043.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4306.60	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2062	Turbine Delivery Route Option 1	Limerick	50950	TDR 25m Intervals	551655.81	649062.41	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4281.63	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2063	Turbine Delivery Route Option 1	Limerick	50975	TDR 25m Intervals	551671.63	649081.77	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4256.66	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2064	Turbine Delivery Route Option 1	Limerick	51000	TDR 25m Intervals	551687.46	649101.12	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4231.69	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2065	Turbine Delivery Route Option 1	Limerick	51025	TDR 25m Intervals	551703.28	649120.48	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4206.72	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2066	Turbine Delivery Route Option 1	Limerick	51050	TDR 25m Intervals	551719.11	649139.83	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4181.75	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2067	Turbine Delivery Route Option 1	Limerick	51075	TDR 25m Intervals	551734.93	649159.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4156.78	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2068	Turbine Delivery Route Option 1	Limerick	51100	TDR 25m Intervals	551750.75	649178.54	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4131.81	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2069	Turbine Delivery Route Option 1	Limerick	51125	TDR 25m Intervals	551766.58	649197.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4106.84	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2070	Turbine Delivery Route Option 1	Limerick	51150	TDR 25m Intervals	551782.40	649217.25	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4081.87	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2071	Turbine Delivery Route Option 1	Limerick	51175	TDR 25m Intervals	551798.23	649236.60	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4056.90	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2072	Turbine Delivery Route Option 1	Limerick	51200	TDR 25m Intervals	551814.05	649255.96	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4031.94	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2073	Turbine Delivery Route Option 1	Limerick	51225	TDR 25m Intervals	551829.88	649275.31	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	4006.97	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2074	Turbine Delivery Route Option 1	Limerick	51250	TDR 25m Intervals	551845.70	649294.67	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3982.00	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2075	Turbine Delivery Route Option 1	Limerick		TDR_WCC_124	551853.03	649300.02	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3982.00	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2076	Turbine Delivery Route Option 1	Limerick	51275	TDR 25m Intervals	551861.52	649314.02	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3957.04	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2077	Turbine Delivery Route Option 1	Limerick	51300	TDR 25m Intervals	551877.35	649333.38	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3932.07	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2078	Turbine Delivery Route Option 1	Limerick	51325	TDR 25m Intervals	551893.17	649352.73	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3907.11	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2079	Turbine Delivery Route Option 1	Limerick	51350	TDR 25m Intervals	551908.99	649372.08	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3882.14	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2080	Turbine Delivery Route Option 1	Limerick	51375	TDR 25m Intervals	551924.82	649391.44	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3857.18	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2081	Turbine Delivery Route Option 1	Limerick	51400	TDR 25m Intervals	551940.66	649410.78	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3832.21	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2082	Turbine Delivery Route Option 1	Limerick	51425	TDR 25m Intervals	551956.58	649430.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3807.24	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2083	Turbine Delivery Route Option 1	Limerick	51450	TDR 25m Intervals	551972.50	649449.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3782.27	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2084	Turbine Delivery Route Option 1	Limerick	51475	TDR 25m Intervals	551988.42	649468.61	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3757.30	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2085	Turbine Delivery Route Option 1	Limerick	51500	TDR 25m Intervals	552004.34	649487.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3732.33	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2086	Turbine Delivery Route Option 1	Limerick	51525	TDR 25m Intervals	552020.25	649507.16	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3707.37	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2087	Turbine Delivery Route Option 1	Limerick	51550	TDR 25m Intervals	552036.17	649526.44	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3682.40	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2088	Turbine Delivery Route Option 1	Limerick	51575	TDR 25m Intervals	552052.09	649545.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3657.43	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2089	Turbine Delivery Route Option 1	Limerick	51600	TDR 25m Intervals	552068.01	649565.00	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3632.47	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2090	Turbine Delivery Route Option 1	Limerick	51625	TDR 25m Intervals	552083.93	649584.27	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3607.50	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2091	Turbine Delivery Route Option 1	Limerick	51650	TDR 25m Intervals	552099.84	649603.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3582.53	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2092	Turbine Delivery Route Option 1	Limerick	51675	TDR 25m Intervals	552115.76	649622.83	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3557.57	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2093	Turbine Delivery Route Option 1	Limerick	51700	TDR 25m Intervals	552131.68	649642.10	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3532.60	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2094	Turbine Delivery Route Option 1	Limerick	51725	TDR 25m Intervals	552147.60	649661.38	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3507.64	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2095	Turbine Delivery Route Option 1	Limerick	51750	TDR 25m Intervals	552163.52	649680.66	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3482.68	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2096	Turbine Delivery Route Option 1	Limerick	51775	TDR 25m Intervals	552179.43	649699.94	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3457.71	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2097	Turbine Delivery Route Option 1	Limerick	51800	TDR 25m Intervals	552195.35	649719.21	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3432.75	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2098	Turbine Delivery Route Option 1	Limerick	51825	TDR 25m Intervals	552211.27	649738.49	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3407.79	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2099	Turbine Delivery Route Option 1	Limerick	51850	TDR 25m Intervals	552227.19	649757.77	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3382.83	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2100	Turbine Delivery Route Option 1	Limerick	51875	TDR 25m Intervals	552243.11	649777.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3357.87	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2101	Turbine Delivery Route Option 1	Limerick	51900	TDR 25m Intervals	552259.02	649796.32	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3332.91	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2102	Turbine Delivery Route Option 1	Limerick	51925	TDR 25m Intervals	552274.94	649815.60	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3307.95	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2103	Turbine Delivery Route Option 1	Limerick	51950	TDR 25m Intervals	552290.86	649834.88	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3282.99	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2104	Turbine Delivery Route Option 1	Limerick	51975	TDR 25m Intervals	552306.78	649854.16	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3258.03	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2105	Turbine Delivery Route Option 1	Limerick	52000	TDR 25m Intervals	552322.70	649873.43	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3233.08	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2106	Turbine Delivery Route Option 1	Limerick	52025	TDR 25m Intervals	552338.61	649892.71	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3208.12	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2107	Turbine Delivery Route Option 1	Limerick	52050	TDR 25m Intervals	552354.53	649911.99	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3183.17	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2108	Turbine Delivery Route Option 1	Limerick	52075	TDR 25m Intervals	552370.45	649931.27	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3158.21	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2109	Turbine Delivery Route Option 1	Limerick	52100	TDR 25m Intervals	552386.37	649950.54	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3133.26	No	No	No	No	No	Tile_20	NA
2110	Turbine Delivery Route Option 1	Limerick	52125	TDR 25m Intervals	552402.29	649969.82	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3108.31	No	No	No	No	No	Tile_20	NA
2111	Turbine Delivery Route Option 1	Limerick	52150	TDR 25m Intervals	552418.46	649988.83	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3083.37	No	No	No	No	No	Tile_20	NA
2112	Turbine Delivery Route Option 1	Limerick	52175	TDR 25m Intervals	552438.49	650003.79	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3058.75	No	No	No	No	No	Tile_20	NA
2113	Turbine Delivery Route Option 1	Limerick	52200	TDR 25m Intervals	552458.53	650018.74	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3034.14	No	No	No	No	No	Tile_20	NA
2114	Turbine Delivery Route Option 1	Limerick	52225	TDR 25m Intervals	552478.56	650033.69	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3009.54	No	No	No	No	No	Tile_20	NA
2115	Turbine Delivery Route Option 1	Limerick	52250	TDR 25m Intervals	552498.59	650048.65	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2984.94	No	No	No	No	No	Tile_20	NA
2116	Turbine Delivery Route Option 1	Limerick	52275	TDR 25m Intervals	552518.63	650063.60	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2960.34	No	No	No	No	No	Tile_20	NA
2117	Turbine Delivery Route Option 1	Limerick	52300	TDR 25m Intervals	552538.66	650078.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2935.76	No	No	No	No	No	Tile_20	NA
2118	Turbine Delivery Route Option 1	Limerick	52325	TDR 25m Intervals	552558.70	650093.51	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2911.18	No	No	No	No	No	Tile_20	NA
2119	Turbine Delivery Route Option 1	Limerick	52350	TDR 25m Intervals	552578.73	650108.46	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2886.61	No	No	No	No	No	Tile_20	NA
2120	Turbine Delivery Route Option 1	Limerick	52375	TDR 25m Intervals	552598.77	650123.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2862.04	No	No	No	No	No	Tile_20	NA
2121	Turbine Delivery Route Option 1	Limerick	52400	TDR 25m Intervals	552618.80	650138.37	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2837.49	No	No	No	No	No	Tile_20	NA
2122	Turbine Delivery Route Option 1	Limerick	52425	TDR 25m Intervals	552638.84	650153.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2812.94	No	No	No	No	No	Tile_20	NA
2123	Turbine Delivery Route Option 1	Limerick	52450	TDR 25m Intervals	552658.87	650168.28	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2788.40	No	No	No	No	No	Tile_20	NA
2124	Turbine Delivery Route Option 1	Limerick	52475	TDR 25m Intervals	552678.91	650183.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2763.86	No	No	No	No	No	Tile_20	NA
2125	Turbine Delivery Route Option 1	Limerick	52500	TDR 25m Intervals	552698.94	650198.19	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2739.34	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2126	Turbine Delivery Route Option 1	Limerick	52525	TDR 25m Intervals	552718.97	650213.14	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2714.83	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2127	Turbine Delivery Route Option 1	Limerick	52550	TDR 25m Intervals	552739.01	650228.10	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2690.32	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2128	Turbine Delivery Route Option 1	Limerick	52575	TDR 25m Intervals	552759.04	650243.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2665.82	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2129	Turbine Delivery Route Option 1	Limerick	52600	TDR 25m Intervals	552779.08	650258.01	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2641.34	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2130	Turbine Delivery Route Option 1	Limerick	52625	TDR 25m Intervals	552799.11	650272.96	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2616.86	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2131	Turbine Delivery Route Option 1	Limerick	52650	TDR 25m Intervals	552819.15	650287.91	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2592.39	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
2132	Turbine Delivery Route Option 1	Limerick	52675	TDR 25m Intervals	552842.11	650297.27	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2570.22	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2133	Turbine Delivery Route Option 1	Limerick	52700	TDR 25m Intervals	552865.81	650305.21	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2548.69	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2134	Turbine Delivery Route Option 1	Limerick		TDR_WCC_125	552886.89	650307.17	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2548.69	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2135	Turbine Delivery Route Option 1	Limerick	52725	TDR 25m Intervals	552889.52	650313.16	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2527.22	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2136	Turbine Delivery Route Option 1	Limerick	52750	TDR 25m Intervals	552913.22	650321.10	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2505.81	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2137	Turbine Delivery Route Option 1	Limerick	52775	TDR 25m Intervals	552936.93	650329.05	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2484.48	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2138	Turbine Delivery Route Option 1	Limerick	52800	TDR 25m Intervals	552960.63	650336.99	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2463.21	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2139	Turbine Delivery Route Option 1	Limerick	52825	TDR 25m Intervals	552984.33	650344.94	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2442.01	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2140	Turbine Delivery Route Option 1	Limerick	52850	TDR 25m Intervals	553008.04	650352.89	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2420.88	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2141	Turbine Delivery Route Option 1	Limerick	52875	TDR 25m Intervals	553031.74	650360.83	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2399.83	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2142	Turbine Delivery Route Option 1	Limerick	52900	TDR 25m Intervals	553055.44	650368.78	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2378.86	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2143	Turbine Delivery Route Option 1	Limerick	52925	TDR 25m Intervals	553079.15	650376.72	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2357.96	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2144	Turbine Delivery Route Option 1	Limerick	52950	TDR 25m Intervals	553102.85	650384.67	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2337.15	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2145	Turbine Delivery Route Option 1	Limerick	52975	TDR 25m Intervals	553126.56	650392.61	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2316.42	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2146	Turbine Delivery Route Option 1	Limerick	53000	TDR 25m Intervals	553150.26	650400.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2295.77	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2147	Turbine Delivery Route Option 1	Limerick	53025	TDR 25m Intervals	553173.96	650408.51	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2275.21	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2148	Turbine Delivery Route Option 1	Limerick	53050	TDR 25m Intervals	553197.67	650416.45	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2254.74	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2149	Turbine Delivery Route Option 1	Limerick	53075	TDR 25m Intervals	553221.37	650424.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2234.36	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2150	Turbine Delivery Route Option 1	Limerick	53100	TDR 25m Intervals	553245.07	650432.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2214.08	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2151	Turbine Delivery Route Option 1	Limerick	53125	TDR 25m Intervals	553268.78	650440.29	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2193.89	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2152	Turbine Delivery Route Option 1	Limerick	53150	TDR 25m Intervals	553292.48	650448.24	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2173.81	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2153	Turbine Delivery Route Option 1	Limerick	53175	TDR 25m Intervals	553316.19	650456.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2153.83	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2154	Turbine Delivery Route Option 1	Limerick	53200	TDR 25m Intervals	553339.89	650464.13	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2133.95	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2155	Turbine Delivery Route Option 1	Limerick	53225	TDR 25m Intervals	553363.59	650472.07	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2114.18	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2156	Turbine Delivery Route Option 1	Limerick	53250	TDR 25m Intervals	553387.30	650480.02	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2094.53	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2157	Turbine Delivery Route Option 1	Limerick	53275	TDR 25m Intervals	553411.00	650487.96	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2074.99	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2158	Turbine Delivery Route Option 1	Limerick	53300	TDR 25m Intervals	553434.70	650495.91	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2055.57	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2159	Turbine Delivery Route Option 1	Limerick	53325	TDR 25m Intervals	553458.79	650502.61	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2037.13	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2160	Turbine Delivery Route Option 1	Limerick	53350	TDR 25m Intervals	553482.88	650509.28	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2018.85	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2161	Turbine Delivery Route Option 1	Limerick	53375	TDR 25m Intervals	553506.98	650515.95	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2000.71	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2162	Turbine Delivery Route Option 1	Limerick	53400	TDR 25m Intervals	553531.07	650522.62	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1982.73	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2163	Turbine Delivery Route Option 1	Limerick	53425	TDR 25m Intervals	553555.17	650529.29	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1964.90	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2164	Turbine Delivery Route Option 1	Limerick	53450	TDR 25m Intervals	553579.26	650535.95	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1947.23	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2165	Turbine Delivery Route Option 1	Limerick	53475	TDR 25m Intervals	553603.35	650542.63	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1929.72	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2166	Turbine Delivery Route Option 1	Limerick	53500	TDR 25m Intervals	553627.45	650549.29	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1912.37	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2167	Turbine Delivery Route Option 1	Limerick	53525	TDR 25m Intervals	553651.54	650555.96	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1895.20	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2168	Turbine Delivery Route Option 1	Limerick	53550	TDR 25m Intervals	553675.64	650562.63	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1878.20	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2169	Turbine Delivery Route Option 1	Limerick	53575	TDR 25m Intervals	553699.73	650569.30	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1861.39	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2170	Turbine Delivery Route Option 1	Limerick	53600	TDR 25m Intervals	553723.82	650575.97	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1844.76	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2171	Turbine Delivery Route Option 1	Limerick	53625	TDR 25m Intervals	553747.92	650582.64	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1828.32	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2172	Turbine Delivery Route Option 1	Limerick	53650	TDR 25m Intervals	553772.01	650589.31	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1812.07	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2173	Turbine Delivery Route Option 1	Limerick	53675	TDR 25m Intervals	553796.10	650595.98	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1796.03	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2174	Turbine Delivery Route Option 1	Limerick	53700	TDR 25m Intervals	553820.20	650602.65	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1780.19	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2175	Turbine Delivery Route Option 1	Limerick	53725	TDR 25m Intervals	553844.29	650609.32	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1764.57	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2176	Turbine Delivery Route Option 1	Limerick	53750	TDR 25m Intervals	553868.39	650615.99	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1749.16	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2177	Turbine Delivery Route Option 1	Limerick	53775	TDR 25m Intervals	553892.48	650622.66	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1733.98	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2178	Turbine Delivery Route Option 1	Limerick	53800	TDR 25m Intervals	553916.57	650629.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1719.03	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2179	Turbine Delivery Route Option 1	Limerick	53825	TDR 25m Intervals	553940.67	650636.00	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1704.31	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2180	Turbine Delivery Route Option 1	Limerick	53850	TDR 25m Intervals	553964.76	650642.67	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1689.84	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2181	Turbine Delivery Route Option 1	Limerick	53875	TDR 25m Intervals	553988.86	650649.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1675.61	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2182	Turbine Delivery Route Option 1	Limerick	53900	TDR 25m Intervals	554012.95	650656.01	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1661.64	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2183	Turbine Delivery Route Option 1	Limerick	53925	TDR 25m Intervals	554037.04	650662.67	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1647.93	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2184	Turbine Delivery Route Option 1	Limerick	53950	TDR 25m Intervals	554061.14	650669.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1634.48	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2185	Turbine Delivery Route Option 1	Limerick	53975	TDR 25m Intervals	554085.23	650676.01	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	1621.31	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2186	Turbine Delivery Route Option 1	Limerick	54000	TDR 25m Intervals	554109.33	650682.68	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1608.42	No	No	No	No	No	Tile_21	NA
2187	Turbine Delivery Route Option 1	Limerick	54025	TDR 25m Intervals	554132.54	650691.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1594.06	No	No	No	No	No	Tile_21	NA
2188	Turbine Delivery Route Option 1	Limerick	54050	TDR 25m Intervals	554154.00	650704.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1576.37	No	No	No	No	No	Tile_21	NA
2189	Turbine Delivery Route Option 1	Limerick	54075	TDR 25m Intervals	554175.45	650717.07	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1558.88	No	No	No	No	No	Tile_21	NA
2190	Turbine Delivery Route Option 1	Limerick	54100	TDR 25m Intervals	554196.91	650729.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1541.61	No	No	No	No	No	Tile_21	NA
2191	Turbine Delivery Route Option 1	Limerick	54125	TDR 25m Intervals	554218.36	650742.73	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1524.54	No	No	No	No	No	Tile_21	NA
2192	Turbine Delivery Route Option 1	Limerick	54150	TDR 25m Intervals	554239.82	650755.57	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1507.70	No	No	No	No	No	Tile_21	NA
2193	Turbine Delivery Route Option 1	Limerick	54175	TDR 25m Intervals	554261.27	650768.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1491.08	No	No	No	No	No	Tile_21	NA
2194	Turbine Delivery Route Option 1	Limerick	54200	TDR 25m Intervals	554282.73	650781.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1474.71	No	No	No	No	No	Tile_21	NA
2195	Turbine Delivery Route Option 1	Limerick	54225	TDR 25m Intervals	554304.18	650794.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1458.57	No	No	No	No	No	Tile_21	NA
2196	Turbine Delivery Route Option 1	Limerick	54250	TDR 25m Intervals	554325.64	650806.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1442.69	No	No	No	No	No	Tile_21	NA
2197	Turbine Delivery Route Option 1	Limerick	54275	TDR 25m Intervals	554347.09	650819.73	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1427.08	No	No	No	No	No	Tile_21	NA
2198	Turbine Delivery Route Option 1	Limerick	54300	TDR 25m Intervals	554368.55	650832.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1411.73	No	No	No	No	No	Tile_21	NA
2199	Turbine Delivery Route Option 1	Limerick	54325	TDR 25m Intervals	554390.00	650845.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1396.66	No	No	No	No	No	Tile_21	NA
2200	Turbine Delivery Route Option 1	Limerick	54350	TDR 25m Intervals	554411.46	650858.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1381.88	No	No	No	No	No	Tile_21	NA
2201	Turbine Delivery Route Option 1	Limerick	54375	TDR 25m Intervals	554432.91	650871.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1367.39	No	No	No	No	No	Tile_21	NA
2202	Turbine Delivery Route Option 1	Limerick	54400	TDR 25m Intervals	554454.37	650883.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1353.22	No	No	No	No	No	Tile_21	NA
2203	Turbine Delivery Route Option 1	Limerick	54425	TDR 25m Intervals	554475.82	650896.73	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1339.36	No	No	No	No	No	Tile_21	NA
2204	Turbine Delivery Route Option 1	Limerick	54450	TDR 25m Intervals	554497.28	650909.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1325.82	No	No	No	No	No	Tile_21	NA
2205	Turbine Delivery Route Option 1	Limerick	54475	TDR 25m Intervals	554518.73	650922.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1312.63	No	No	No	No	No	Tile_21	NA
2206	Turbine Delivery Route Option 1	Limerick	54500	TDR 25m Intervals	554540.19	650935.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1299.78	No	No	No	No	No	Tile_21	NA
2207	Turbine Delivery Route Option 1	Limerick	54525	TDR 25m Intervals	554561.64	650948.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1287.29	No	No	No	No	No	Tile_21	NA
2208	Turbine Delivery Route Option 1	Limerick	54550	TDR 25m Intervals	554583.10	650960.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1275.16	No	No	No	No	No	Tile_21	NA
2209	Turbine Delivery Route Option 1	Limerick	54575	TDR 25m Intervals	554604.55	650973.73	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1263.42	No	No	No	No	No	Tile_21	NA
2210	Turbine Delivery Route Option 1	Limerick	54600	TDR 25m Intervals	554626.01	650986.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1252.06	No	No	No	No	No	Tile_21	NA
2211	Turbine Delivery Route Option 1	Limerick	54625	TDR 25m Intervals	554647.46	650999.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1241.11	No	No	No	No	No	Tile_21	NA
2212	Turbine Delivery Route Option 1	Limerick	54650	TDR 25m Intervals	554668.92	651012.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1230.56	No	No	No	No	No	Tile_21	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2213	Turbine Delivery Route Option 1	Limerick	54675	TDR 25m Intervals	554690.37	651025.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1220.44	No	No	No	No	No	Tile_21	NA
2214	Turbine Delivery Route Option 1	Limerick	54700	TDR 25m Intervals	554711.82	651037.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1210.75	No	No	No	No	No	Tile_21	NA
2215	Turbine Delivery Route Option 1	Limerick	54725	TDR 25m Intervals	554733.28	651050.73	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1201.50	No	No	No	No	No	Tile_21	NA
2216	Turbine Delivery Route Option 1	Limerick	54750	TDR 25m Intervals	554754.73	651063.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1192.70	No	No	No	No	No	Tile_21	NA
2217	Turbine Delivery Route Option 1	Limerick	54775	TDR 25m Intervals	554776.19	651076.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1184.36	No	No	No	No	No	Tile_21	NA
2218	Turbine Delivery Route Option 1	Limerick	54800	TDR 25m Intervals	554797.65	651089.23	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1176.50	No	No	No	No	No	Tile_21	NA
2219	Turbine Delivery Route Option 1	Limerick	54825	TDR 25m Intervals	554819.10	651102.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1169.12	No	No	No	No	No	Tile_21	NA
2220	Turbine Delivery Route Option 1	Limerick	54850	TDR 25m Intervals	554840.56	651114.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1162.23	No	No	No	No	No	Tile_21	NA
2221	Turbine Delivery Route Option 1	Limerick	54875	TDR 25m Intervals	554862.01	651127.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1155.84	No	No	No	No	No	Tile_21	NA
2222	Turbine Delivery Route Option 1	Limerick	54900	TDR 25m Intervals	554883.46	651140.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1149.96	No	No	No	No	No	Tile_21	NA
2223	Turbine Delivery Route Option 1	Limerick	54925	TDR 25m Intervals	554904.92	651153.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1144.60	No	No	No	No	No	Tile_21	NA
2224	Turbine Delivery Route Option 1	Limerick	54950	TDR 25m Intervals	554926.37	651166.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1139.75	No	No	No	No	No	Tile_21	NA
2225	Turbine Delivery Route Option 1	Limerick	54975	TDR 25m Intervals	554947.83	651179.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1135.44	No	No	No	No	No	Tile_21	NA
2226	Turbine Delivery Route Option 1	Limerick	55000	TDR 25m Intervals	554969.28	651191.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1131.67	No	No	No	No	No	Tile_21	NA
2227	Turbine Delivery Route Option 1	Limerick	55025	TDR 25m Intervals	554990.74	651204.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1128.43	No	No	No	No	No	Tile_21	NA
2228	Turbine Delivery Route Option 1	Limerick	55050	TDR 25m Intervals	555012.19	651217.56	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1125.75	No	No	No	No	No	Tile_21	NA
2229	Turbine Delivery Route Option 1	Limerick	55075	TDR 25m Intervals	555033.65	651230.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1123.61	No	No	No	No	No	Tile_21	NA
2230	Turbine Delivery Route Option 1	Limerick	55100	TDR 25m Intervals	555055.10	651243.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1122.02	No	No	No	No	No	Tile_21	NA
2231	Turbine Delivery Route Option 1	Limerick	55125	TDR 25m Intervals	555076.56	651256.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1120.99	No	No	No	No	No	Tile_21	NA
2232	Turbine Delivery Route Option 1	Limerick	55150	TDR 25m Intervals	555098.01	651268.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1120.52	No	No	No	No	No	Tile_21	NA
2233	Turbine Delivery Route Option 1	Limerick	55175	TDR 25m Intervals	555119.40	651281.83	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1120.48	No	No	No	No	No	Tile_21	NA
2234	Turbine Delivery Route Option 1	Limerick	55200	TDR 25m Intervals	555139.84	651296.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1119.26	No	No	No	No	No	Tile_21	NA
2235	Turbine Delivery Route Option 1	Limerick	55225	TDR 25m Intervals	555160.28	651310.62	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1118.60	No	No	No	No	No	Tile_21	NA
2236	Turbine Delivery Route Option 1	Limerick	55250	TDR 25m Intervals	555180.72	651325.01	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1118.50	No	No	No	No	No	Tile_21	NA
2237	Turbine Delivery Route Option 1	Limerick	55275	TDR 25m Intervals	555201.16	651339.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1118.96	No	No	No	No	No	Tile_21	NA
2238	Turbine Delivery Route Option 1	Limerick	55300	TDR 25m Intervals	555221.60	651353.80	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1119.98	No	No	No	No	No	Tile_21	NA
2239	Turbine Delivery Route Option 1	Limerick	55325	TDR 25m Intervals	555242.05	651368.19	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1121.55	No	No	No	No	No	Tile_21	NA
2240	Turbine Delivery Route Option 1	Limerick	55350	TDR 25m Intervals	555262.49	651382.58	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1123.68	No	No	No	No	No	Tile_21	NA
2241	Turbine Delivery Route Option 1	Limerick	55375	TDR 25m Intervals	555282.93	651396.97	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1126.36	No	No	No	No	No	Tile_21	NA
2242	Turbine Delivery Route Option 1	Limerick	55400	TDR 25m Intervals	555303.37	651411.37	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1129.59	No	No	No	No	No	Tile_21	NA
2243	Turbine Delivery Route Option 1	Limerick	55425	TDR 25m Intervals	555323.81	651425.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1133.36	No	No	No	No	No	Tile_21	NA
2244	Turbine Delivery Route Option 1	Limerick	55450	TDR 25m Intervals	555344.25	651440.15	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1137.66	No	No	No	No	No	Tile_21	NA
2245	Turbine Delivery Route Option 1	Limerick	55475	TDR 25m Intervals	555364.69	651454.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1142.50	No	No	No	No	No	Tile_21	NA
2246	Turbine Delivery Route Option 1	Limerick	55500	TDR 25m Intervals	555385.13	651468.94	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1147.86	No	No	No	No	No	Tile_21	NA
2247	Turbine Delivery Route Option 1	Limerick	55525	TDR 25m Intervals	555405.57	651483.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1153.74	No	No	No	No	No	Tile_21	NA
2248	Turbine Delivery Route Option 1	Limerick	55550	TDR 25m Intervals	555426.02	651497.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1160.13	No	No	No	No	No	Tile_21	NA
2249	Turbine Delivery Route Option 1	Limerick	55575	TDR 25m Intervals	555446.46	651512.12	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1167.02	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2250	Turbine Delivery Route Option 1	Limerick	55600	TDR 25m Intervals	555466.90	651526.51	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1174.40	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2251	Turbine Delivery Route Option 1	Limerick		TDR_WCC_126	555477.01	651537.77	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1174.40	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2252	Turbine Delivery Route Option 1	Limerick	55625	TDR 25m Intervals	555487.34	651540.90	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1182.26	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2253	Turbine Delivery Route Option 1	Limerick	55650	TDR 25m Intervals	555507.78	651555.30	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1190.60	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2254	Turbine Delivery Route Option 1	Limerick	55675	TDR 25m Intervals	555528.22	651569.69	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1199.40	No	No	No	No	No	Tile_21	NA
2255	Turbine Delivery Route Option 1	Limerick	55700	TDR 25m Intervals	555548.66	651584.08	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1208.65	No	No	No	No	No	Tile_21	NA
2256	Turbine Delivery Route Option 1	Limerick	55725	TDR 25m Intervals	555569.10	651598.47	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1218.35	No	No	No	No	No	Tile_21	NA
2257	Turbine Delivery Route Option 1	Limerick	55750	TDR 25m Intervals	555589.55	651612.87	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1228.48	No	No	No	No	No	Tile_21	NA
2258	Turbine Delivery Route Option 1	Limerick	55775	TDR 25m Intervals	555609.99	651627.26	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1239.03	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2259	Turbine Delivery Route Option 1	Limerick	55800	TDR 25m Intervals	555630.43	651641.65	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1249.99	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2260	Turbine Delivery Route Option 1	Limerick		TDR_WCC_127	555649.82	651654.84	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1249.99	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2261	Turbine Delivery Route Option 1	Limerick	55825	TDR 25m Intervals	555650.87	651656.05	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1261.35	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2262	Turbine Delivery Route Option 1	Limerick	55850	TDR 25m Intervals	555671.31	651670.44	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1273.10	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2263	Turbine Delivery Route Option 1	Limerick	55875	TDR 25m Intervals	555691.75	651684.83	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1285.24	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2264	Turbine Delivery Route Option 1	Limerick	55900	TDR 25m Intervals	555712.19	651699.22	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1297.74	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2265	Turbine Delivery Route Option 1	Limerick	55925	TDR 25m Intervals	555732.64	651713.62	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1310.59	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2266	Turbine Delivery Route Option 1	Limerick	55950	TDR 25m Intervals	555753.08	651728.01	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1323.80	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2267	Turbine Delivery Route Option 1	Limerick	55975	TDR 25m Intervals	555773.52	651742.40	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1337.34	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2268	Turbine Delivery Route Option 1	Limerick	56000	TDR 25m Intervals	555793.96	651756.80	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1351.21	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2269	Turbine Delivery Route Option 1	Limerick	56025	TDR 25m Intervals	555814.40	651771.19	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1365.40	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2270	Turbine Delivery Route Option 1	Limerick		TDR_WCC_128	555833.78	651785.84	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1365.40	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2271	Turbine Delivery Route Option 1	Limerick	56050	TDR 25m Intervals	555834.84	651785.58	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1379.89	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2272	Turbine Delivery Route Option 1	Limerick	56075	TDR 25m Intervals	555855.28	651799.97	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1394.68	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2273	Turbine Delivery Route Option 1	Limerick	56100	TDR 25m Intervals	555875.72	651814.37	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1409.76	No	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone
2274	Turbine Delivery Route Option 1	Limerick	56125	TDR 25m Intervals	555896.17	651828.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1425.12	No	No	No	No	No	Tile_21	NA
2275	Turbine Delivery Route Option 1	Limerick	56150	TDR 25m Intervals	555916.61	651843.15	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1440.75	No	No	No	No	No	Tile_21	NA
2276	Turbine Delivery Route Option 1	Limerick	56175	TDR 25m Intervals	555937.05	651857.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1456.64	No	No	No	No	No	Tile_21	NA
2277	Turbine Delivery Route Option 1	Limerick	56200	TDR 25m Intervals	555957.49	651871.94	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1472.78	No	No	No	No	No	Tile_22	NA
2278	Turbine Delivery Route Option 1	Limerick	56225	TDR 25m Intervals	555977.93	651886.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1489.17	No	No	No	No	No	Tile_22	NA
2279	Turbine Delivery Route Option 1	Limerick	56250	TDR 25m Intervals	555998.37	651900.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1505.79	No	No	No	No	No	Tile_22	NA
2280	Turbine Delivery Route Option 1	Limerick	56275	TDR 25m Intervals	556018.81	651915.12	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1522.65	No	No	No	No	No	Tile_22	NA
2281	Turbine Delivery Route Option 1	Limerick	56300	TDR 25m Intervals	556039.25	651929.51	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1539.72	No	No	No	No	No	Tile_22	NA
2282	Turbine Delivery Route Option 1	Limerick	56325	TDR 25m Intervals	556059.69	651943.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1557.01	No	No	No	No	No	Tile_22	NA
2283	Turbine Delivery Route Option 1	Limerick	56350	TDR 25m Intervals	556080.14	651958.30	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1574.51	No	No	No	No	No	Tile_22	NA
2284	Turbine Delivery Route Option 1	Limerick	56375	TDR 25m Intervals	556097.33	651976.42	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1588.39	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2285	Turbine Delivery Route Option 1	Limerick	56400	TDR 25m Intervals	556114.40	651994.68	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1602.41	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2286	Turbine Delivery Route Option 1	Limerick		TDR_WCC_129	556122.27	652001.86	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1602.41	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2287	Turbine Delivery Route Option 1	Limerick	56425	TDR 25m Intervals	556131.48	652012.94	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1616.69	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2288	Turbine Delivery Route Option 1	Limerick	56450	TDR 25m Intervals	556148.56	652031.20	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1631.23	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2289	Turbine Delivery Route Option 1	Limerick	56475	TDR 25m Intervals	556165.63	652049.46	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1646.02	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2290	Turbine Delivery Route Option 1	Limerick	56500	TDR 25m Intervals	556182.71	652067.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1661.05	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2291	Turbine Delivery Route Option 1	Limerick	56525	TDR 25m Intervals	556199.78	652085.98	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1676.32	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2292	Turbine Delivery Route Option 1	Limerick	56550	TDR 25m Intervals	556216.86	652104.24	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1691.83	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2293	Turbine Delivery Route Option 1	Limerick	56575	TDR 25m Intervals	556233.93	652122.50	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1707.56	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2294	Turbine Delivery Route Option 1	Limerick	56600	TDR 25m Intervals	556251.01	652140.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1723.51	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2295	Turbine Delivery Route Option 1	Limerick	56625	TDR 25m Intervals	556268.08	652159.02	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1739.67	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2296	Turbine Delivery Route Option 1	Limerick	56650	TDR 25m Intervals	556285.16	652177.28	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1756.04	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2297	Turbine Delivery Route Option 1	Limerick	56675	TDR 25m Intervals	556302.23	652195.54	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1772.61	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2298	Turbine Delivery Route Option 1	Limerick	56700	TDR 25m Intervals	556319.31	652213.80	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1789.38	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2299	Turbine Delivery Route Option 1	Limerick	56725	TDR 25m Intervals	556336.39	652232.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1806.33	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2300	Turbine Delivery Route Option 1	Limerick	56750	TDR 25m Intervals	556353.46	652250.32	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1823.47	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2301	Turbine Delivery Route Option 1	Limerick	56775	TDR 25m Intervals	556370.54	652268.58	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1840.80	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2302	Turbine Delivery Route Option 1	Limerick	56800	TDR 25m Intervals	556387.61	652286.84	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1858.29	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2303	Turbine Delivery Route Option 1	Limerick	56825	TDR 25m Intervals	556404.69	652305.10	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1875.96	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2304	Turbine Delivery Route Option 1	Limerick	56850	TDR 25m Intervals	556421.77	652323.36	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1893.80	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2305	Turbine Delivery Route Option 1	Limerick	56875	TDR 25m Intervals	556438.84	652341.62	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1911.79	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2306	Turbine Delivery Route Option 1	Limerick	56900	TDR 25m Intervals	556455.92	652359.88	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1929.94	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2307	Turbine Delivery Route Option 1	Limerick		TDR_WCC_130	556467.90	652358.63	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1929.94	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2308	Turbine Delivery Route Option 1	Limerick	56925	TDR 25m Intervals	556472.99	652378.14	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1948.24	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2309	Turbine Delivery Route Option 1	Limerick	56950	TDR 25m Intervals	556490.07	652396.40	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1966.69	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2310	Turbine Delivery Route Option 1	Limerick	56975	TDR 25m Intervals	556507.14	652414.66	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1985.28	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2311	Turbine Delivery Route Option 1	Limerick	57000	TDR 25m Intervals	556524.22	652432.92	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2004.01	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2312	Turbine Delivery Route Option 1	Limerick	57025	TDR 25m Intervals	556541.29	652451.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2022.88	No	No	No	No	No	Tile_22	NA
2313	Turbine Delivery Route Option 1	Limerick	57050	TDR 25m Intervals	556555.10	652471.63	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2038.89	No	No	No	No	No	Tile_22	NA
2314	Turbine Delivery Route Option 1	Limerick	57075	TDR 25m Intervals	556565.48	652494.37	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2051.96	No	No	No	No	No	Tile_22	NA
2315	Turbine Delivery Route Option 1	Limerick	57100	TDR 25m Intervals	556575.87	652517.11	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2065.25	No	No	No	No	No	Tile_22	NA
2316	Turbine Delivery Route Option 1	Limerick	57125	TDR 25m Intervals	556586.26	652539.85	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2078.76	No	No	No	No	No	Tile_22	NA
2317	Turbine Delivery Route Option 1	Limerick	57150	TDR 25m Intervals	556596.65	652562.59	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2092.48	No	No	No	No	No	Tile_22	NA
2318	Turbine Delivery Route Option 1	Limerick	57175	TDR 25m Intervals	556607.04	652585.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2106.41	No	No	No	No	No	Tile_22	NA
2319	Turbine Delivery Route Option 1	Limerick	57200	TDR 25m Intervals	556617.42	652608.07	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2120.54	No	No	No	No	No	Tile_22	NA
2320	Turbine Delivery Route Option 1	Limerick	57225	TDR 25m Intervals	556627.81	652630.81	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2134.87	No	No	No	No	No	Tile_22	NA
2321	Turbine Delivery Route Option 1	Limerick	57250	TDR 25m Intervals	556638.20	652653.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2149.39	No	No	No	No	No	Tile_22	NA
2322	Turbine Delivery Route Option 1	Limerick	57275	TDR 25m Intervals	556648.58	652676.29	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2164.11	No	No	No	No	No	Tile_22	NA
2323	Turbine Delivery Route Option 1	Limerick	57300	TDR 25m Intervals	556658.97	652699.03	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2179.02	No	No	No	No	No	Tile_22	NA
2324	Turbine Delivery Route Option 1	Limerick	57325	TDR 25m Intervals	556669.36	652721.77	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2194.10	No	No	No	No	No	Tile_22	NA
2325	Turbine Delivery Route Option 1	Limerick	57350	TDR 25m Intervals	556679.75	652744.51	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2209.37	No	No	No	No	No	Tile_22	NA
2326	Turbine Delivery Route Option 1	Limerick	57375	TDR 25m Intervals	556690.14	652767.25	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2224.82	No	No	No	No	No	Tile_22	NA
2327	Turbine Delivery Route Option 1	Limerick	57400	TDR 25m Intervals	556700.52	652789.99	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2240.43	No	No	No	No	No	Tile_22	NA
2328	Turbine Delivery Route Option 1	Limerick	57425	TDR 25m Intervals	556710.91	652812.73	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2256.22	No	No	No	No	No	Tile_22	NA
2329	Turbine Delivery Route Option 1	Limerick	57450	TDR 25m Intervals	556721.30	652835.47	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2272.17	No	No	No	No	No	Tile_22	NA
2330	Turbine Delivery Route Option 1	Limerick	57475	TDR 25m Intervals	556731.69	652858.21	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2288.28	No	No	No	No	No	Tile_22	NA
2331	Turbine Delivery Route Option 1	Limerick	57500	TDR 25m Intervals	556742.07	652880.95	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2304.56	No	No	No	No	No	Tile_22	NA
2332	Turbine Delivery Route Option 1	Limerick	57525	TDR 25m Intervals	556752.46	652903.69	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2320.98	No	No	No	No	No	Tile_22	NA
2333	Turbine Delivery Route Option 1	Limerick	57550	TDR 25m Intervals	556762.85	652926.43	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2337.56	No	No	No	No	No	Tile_22	NA
2334	Turbine Delivery Route Option 1	Limerick	57575	TDR 25m Intervals	556773.23	652949.17	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2354.29	No	No	No	No	No	Tile_22	NA
2335	Turbine Delivery Route Option 1	Limerick	57600	TDR 25m Intervals	556783.62	652971.91	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2371.16	No	No	No	No	No	Tile_22	NA
2336	Turbine Delivery Route Option 1	Limerick	57625	TDR 25m Intervals	556794.01	652994.65	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2388.18	No	No	No	No	No	Tile_22	NA
2337	Turbine Delivery Route Option 1	Limerick	57650	TDR 25m Intervals	556804.40	653017.39	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2405.34	No	No	No	No	No	Tile_22	NA
2338	Turbine Delivery Route Option 1	Limerick	57675	TDR 25m Intervals	556814.79	653040.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2422.63	No	No	No	No	No	Tile_22	NA
2339	Turbine Delivery Route Option 1	Limerick	57700	TDR 25m Intervals	556825.17	653062.87	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2440.06	No	No	No	No	No	Tile_22	NA
2340	Turbine Delivery Route Option 1	Limerick	57725	TDR 25m Intervals	556835.56	653085.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2457.61	No	No	No	No	No	Tile_22	NA
2341	Turbine Delivery Route Option 1	Limerick	57750	TDR 25m Intervals	556845.95	653108.35	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2475.30	No	No	No	No	No	Tile_22	NA
2342	Turbine Delivery Route Option 1	Limerick	57775	TDR 25m Intervals	556856.33	653131.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2493.11	No	No	No	No	No	Tile_22	NA
2343	Turbine Delivery Route Option 1	Limerick	57800	TDR 25m Intervals	556866.72	653153.83	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2511.04	No	No	No	No	No	Tile_22	NA
2344	Turbine Delivery Route Option 1	Limerick	57825	TDR 25m Intervals	556880.68	653173.97	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2531.44	No	No	No	No	No	Tile_22	NA
2345	Turbine Delivery Route Option 1	Limerick	57850	TDR 25m Intervals	556899.12	653190.85	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2554.85	No	No	No	No	No	Tile_22	NA
2346	Turbine Delivery Route Option 1	Limerick	57875	TDR 25m Intervals	556917.56	653207.73	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2578.29	No	No	No	No	No	Tile_22	NA
2347	Turbine Delivery Route Option 1	Limerick	57900	TDR 25m Intervals	556936.00	653224.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2601.75	No	No	No	No	No	Tile_22	NA
2348	Turbine Delivery Route Option 1	Limerick	57925	TDR 25m Intervals	556954.44	653241.49	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2625.25	No	No	No	No	No	Tile_22	NA
2349	Turbine Delivery Route Option 1	Limerick	57950	TDR 25m Intervals	556972.88	653258.37	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2648.77	No	No	No	No	No	Tile_22	NA
2350	Turbine Delivery Route Option 1	Limerick	57975	TDR 25m Intervals	556991.32	653275.25	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2672.32	No	No	No	No	No	Tile_22	NA
2351	Turbine Delivery Route Option 1	Limerick	58000	TDR 25m Intervals	557009.76	653292.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2695.89	No	No	No	No	No	Tile_22	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2352	Turbine Delivery Route Option 1	Limerick	58025	TDR 25m Intervals	557028.20	653309.01	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2719.49	No	No	No	No	No	Tile_22	NA
2353	Turbine Delivery Route Option 1	Limerick	58050	TDR 25m Intervals	557046.64	653325.90	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2743.12	No	No	No	No	No	Tile_22	NA
2354	Turbine Delivery Route Option 1	Limerick	58075	TDR 25m Intervals	557065.08	653342.78	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2766.77	No	No	No	No	No	Tile_22	NA
2355	Turbine Delivery Route Option 1	Limerick	58100	TDR 25m Intervals	557083.52	653359.66	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2790.44	No	No	No	No	No	Tile_22	NA
2356	Turbine Delivery Route Option 1	Limerick	58125	TDR 25m Intervals	557101.96	653376.54	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2814.14	No	No	No	No	No	Tile_22	NA
2357	Turbine Delivery Route Option 1	Limerick	58150	TDR 25m Intervals	557120.40	653393.42	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2837.85	No	No	No	No	No	Tile_22	NA
2358	Turbine Delivery Route Option 1	Limerick	58175	TDR 25m Intervals	557138.84	653410.30	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2861.60	No	No	No	No	No	Tile_22	NA
2359	Turbine Delivery Route Option 1	Limerick	58200	TDR 25m Intervals	557157.28	653427.18	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2885.36	No	No	No	No	No	Tile_22	NA
2360	Turbine Delivery Route Option 1	Limerick	58225	TDR 25m Intervals	557175.72	653444.06	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2909.14	No	No	No	No	No	Tile_22	NA
2361	Turbine Delivery Route Option 1	Limerick	58250	TDR 25m Intervals	557194.16	653460.94	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2932.94	No	No	No	No	No	Tile_22	NA
2362	Turbine Delivery Route Option 1	Limerick	58275	TDR 25m Intervals	557212.60	653477.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2956.76	No	No	No	No	No	Tile_22	NA
2363	Turbine Delivery Route Option 1	Limerick	58300	TDR 25m Intervals	557231.04	653494.70	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2980.61	No	No	No	No	No	Tile_22	NA
2364	Turbine Delivery Route Option 1	Limerick	58325	TDR 25m Intervals	557249.48	653511.59	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3004.47	No	No	No	No	No	Tile_22	NA
2365	Turbine Delivery Route Option 1	Limerick	58350	TDR 25m Intervals	557267.92	653528.47	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3028.35	No	No	No	No	No	Tile_22	NA
2366	Turbine Delivery Route Option 1	Limerick	58375	TDR 25m Intervals	557286.36	653545.35	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3052.24	No	No	No	No	No	Tile_22	NA
2367	Turbine Delivery Route Option 1	Limerick	58400	TDR 25m Intervals	557304.80	653562.23	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3076.16	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2368	Turbine Delivery Route Option 1	Limerick	58425	TDR 25m Intervals	557323.24	653579.11	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3100.09	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2369	Turbine Delivery Route Option 1	Limerick	58450	TDR 25m Intervals	557341.68	653595.99	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3124.04	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2370	Turbine Delivery Route Option 1	Limerick		TDR_WCC_131	557357.05	653621.29	WCC		Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3124.04	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2371	Turbine Delivery Route Option 1	Limerick	58475	TDR 25m Intervals	557360.12	653612.87	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3148.01	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2372	Turbine Delivery Route Option 1	Limerick	58500	TDR 25m Intervals	557378.56	653629.75	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3171.99	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2373	Turbine Delivery Route Option 1	Limerick	58525	TDR 25m Intervals	557397.00	653646.63	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3195.98	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2374	Turbine Delivery Route Option 1	Limerick	58550	TDR 25m Intervals	557415.38	653663.58	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3219.97	No	No	No	No	No	Tile_22	NA
2375	Turbine Delivery Route Option 1	Limerick	58575	TDR 25m Intervals	557431.89	653682.35	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3243.11	No	No	No	No	No	Tile_22	NA
2376	Turbine Delivery Route Option 1	Limerick	58600	TDR 25m Intervals	557448.40	653701.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3266.28	No	No	No	No	No	Tile_22	NA
2377	Turbine Delivery Route Option 1	Limerick	58625	TDR 25m Intervals	557464.90	653719.90	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3289.48	No	No	No	No	No	Tile_22	NA
2378	Turbine Delivery Route Option 1	Limerick	58650	TDR 25m Intervals	557481.41	653738.67	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3312.70	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2379	Turbine Delivery Route Option 1	Limerick	58675	TDR 25m Intervals	557497.92	653757.45	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3335.95	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2380	Turbine Delivery Route Option 1	Limerick	58700	TDR 25m Intervals	557514.43	653776.22	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3359.23	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2381	Turbine Delivery Route Option 1	Limerick	58725	TDR 25m Intervals	557530.94	653795.00	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3382.53	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2382	Turbine Delivery Route Option 1	Limerick		TDR_WCC_132	557541.02	653805.25	WCC		Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3382.53	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2383	Turbine Delivery Route Option 1	Limerick	58750	TDR 25m Intervals	557547.44	653813.77	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3405.85	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2384	Turbine Delivery Route Option 1	Limerick	58775	TDR 25m Intervals	557563.95	653832.55	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3429.20	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2385	Turbine Delivery Route Option 1	Limerick	58800	TDR 25m Intervals	557580.46	653851.32	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3452.57	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2386	Turbine Delivery Route Option 1	Limerick	58825	TDR 25m Intervals	557596.97	653870.10	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3475.96	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2387	Turbine Delivery Route Option 1	Limerick	58850	TDR 25m Intervals	557613.48	653888.87	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3499.37	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2388	Turbine Delivery Route Option 1	Limerick	58875	TDR 25m Intervals	557629.98	653907.65	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3522.81	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2389	Turbine Delivery Route Option 1	Limerick	58900	TDR 25m Intervals	557646.49	653926.42	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3546.27	No	No	No	No	No	Tile_23	NA
2390	Turbine Delivery Route Option 1	Limerick	58925	TDR 25m Intervals	557663.00	653945.19	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3569.75	No	No	No	No	No	Tile_23	NA
2391	Turbine Delivery Route Option 1	Limerick	58950	TDR 25m Intervals	557679.51	653963.97	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3593.25	No	No	No	No	No	Tile_23	NA
2392	Turbine Delivery Route Option 1	Limerick	58975	TDR 25m Intervals	557696.02	653982.74	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3616.77	No	No	No	No	No	Tile_23	NA
2393	Turbine Delivery Route Option 1	Limerick	59000	TDR 25m Intervals	557712.53	654001.52	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3640.31	No	No	No	No	No	Tile_23	NA
2394	Turbine Delivery Route Option 1	Limerick	59025	TDR 25m Intervals	557727.44	654021.33	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3662.98	No	No	No	No	No	Tile_23	NA
2395	Turbine Delivery Route Option 1	Limerick	59050	TDR 25m Intervals	557737.86	654044.05	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3683.20	No	No	No	No	No	Tile_23	NA
2396	Turbine Delivery Route Option 1	Limerick	59075	TDR 25m Intervals	557748.28	654066.78	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3703.47	No	No	No	No	No	Tile_23	NA
2397	Turbine Delivery Route Option 1	Limerick	59100	TDR 25m Intervals	557758.70	654089.50	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3723.80	No	No	No	No	No	Tile_23	NA
2398	Turbine Delivery Route Option 1	Limerick	59125	TDR 25m Intervals	557769.12	654112.22	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3744.19	No	No	No	No	No	Tile_23	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2399	Turbine Delivery Route Option 1	Limerick	59150	TDR 25m Intervals	557779.54	654134.95	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3764.63	No	No	No	No	No	Tile_23	NA
2400	Turbine Delivery Route Option 1	Limerick	59175	TDR 25m Intervals	557789.96	654157.67	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3785.13	No	No	No	No	No	Tile_23	NA
2401	Turbine Delivery Route Option 1	Limerick	59200	TDR 25m Intervals	557800.39	654180.40	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3805.68	No	No	No	No	No	Tile_23	NA
2402	Turbine Delivery Route Option 1	Limerick	59225	TDR 25m Intervals	557810.81	654203.12	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3826.29	No	No	No	No	No	Tile_23	NA
2403	Turbine Delivery Route Option 1	Limerick	59250	TDR 25m Intervals	557821.23	654225.85	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3846.94	No	No	No	No	No	Tile_23	NA
2404	Turbine Delivery Route Option 1	Limerick	59275	TDR 25m Intervals	557831.65	654248.57	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3867.65	No	No	No	No	No	Tile_23	NA
2405	Turbine Delivery Route Option 1	Limerick	59300	TDR 25m Intervals	557842.07	654271.30	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3888.41	No	No	No	No	No	Tile_23	NA
2406	Turbine Delivery Route Option 1	Limerick	59325	TDR 25m Intervals	557852.49	654294.02	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3909.22	No	No	No	No	No	Tile_23	NA
2407	Turbine Delivery Route Option 1	Limerick	59350	TDR 25m Intervals	557853.77	654318.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3923.43	No	No	No	No	No	Tile_23	NA
2408	Turbine Delivery Route Option 1	Limerick	59375	TDR 25m Intervals	557854.18	654343.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3937.11	No	No	No	No	No	Tile_23	NA
2409	Turbine Delivery Route Option 1	Limerick	59400	TDR 25m Intervals	557854.59	654368.81	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3950.91	No	No	No	No	No	Tile_23	NA
2410	Turbine Delivery Route Option 1	Limerick	59425	TDR 25m Intervals	557855.00	654393.81	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3964.82	No	No	No	No	No	Tile_23	NA
2411	Turbine Delivery Route Option 1	Limerick	59450	TDR 25m Intervals	557855.42	654418.81	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3978.83	No	No	No	No	No	Tile_23	NA
2412	Turbine Delivery Route Option 1	Limerick	59475	TDR 25m Intervals	557855.83	654443.80	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3992.96	No	No	No	No	No	Tile_23	NA
2413	Turbine Delivery Route Option 1	Limerick	59500	TDR 25m Intervals	557856.24	654468.80	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4007.19	No	No	No	No	No	Tile_23	NA
2414	Turbine Delivery Route Option 1	Limerick	59525	TDR 25m Intervals	557856.65	654493.80	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4021.52	No	No	No	No	No	Tile_23	NA
2415	Turbine Delivery Route Option 1	Limerick	59550	TDR 25m Intervals	557845.70	654516.14	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4025.09	No	No	No	No	No	Tile_23	NA
2416	Turbine Delivery Route Option 1	Limerick	59575	TDR 25m Intervals	557834.26	654538.36	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4028.34	No	No	No	No	No	Tile_23	NA
2417	Turbine Delivery Route Option 1	Limerick	59600	TDR 25m Intervals	557822.81	654560.59	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4031.74	No	No	No	No	No	Tile_23	NA
2418	Turbine Delivery Route Option 1	Limerick	59625	TDR 25m Intervals	557808.49	654580.78	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4031.77	No	No	No	No	No	Tile_23	NA
2419	Turbine Delivery Route Option 1	Limerick	59650	TDR 25m Intervals	557791.31	654598.93	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4028.43	No	No	No	No	No	Tile_23	NA
2420	Turbine Delivery Route Option 1	Limerick	59675	TDR 25m Intervals	557774.12	654617.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4025.24	No	No	No	No	No	Tile_23	NA
2421	Turbine Delivery Route Option 1	Limerick	59700	TDR 25m Intervals	557756.93	654635.24	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4022.21	No	No	No	No	No	Tile_23	NA
2422	Turbine Delivery Route Option 1	Limerick	59725	TDR 25m Intervals	557739.74	654653.39	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4019.33	No	No	No	No	No	Tile_23	NA
2423	Turbine Delivery Route Option 1	Limerick	59750	TDR 25m Intervals	557720.48	654667.67	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4012.61	No	No	No	No	No	Tile_23	NA
2424	Turbine Delivery Route Option 1	Limerick	59775	TDR 25m Intervals	557695.83	654671.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3995.57	No	No	No	No	No	Tile_23	NA
2425	Turbine Delivery Route Option 1	Limerick	59800	TDR 25m Intervals	557671.18	654675.98	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3978.61	No	No	No	No	No	Tile_23	NA
2426	Turbine Delivery Route Option 1	Limerick	59825	TDR 25m Intervals	557646.53	654680.14	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3961.74	No	No	No	No	No	Tile_23	NA
2427	Turbine Delivery Route Option 1	Limerick	59850	TDR 25m Intervals	557621.87	654684.30	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3944.95	No	No	No	No	No	Tile_23	NA
2428	Turbine Delivery Route Option 1	Limerick	59875	TDR 25m Intervals	557597.22	654688.46	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3928.25	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2429	Turbine Delivery Route Option 1	Limerick	59900	TDR 25m Intervals	557572.57	654692.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3911.64	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2430	Turbine Delivery Route Option 1	Limerick	59925	TDR 25m Intervals	557547.92	654696.77	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3895.12	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2431	Turbine Delivery Route Option 1	Limerick	59950	TDR 25m Intervals	557523.27	654700.93	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3878.69	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2432	Turbine Delivery Route Option 1	Limerick	59975	TDR 25m Intervals	557498.61	654705.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3862.36	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2433	Turbine Delivery Route Option 1	Limerick	60000	TDR 25m Intervals	557473.96	654709.25	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3846.11	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2434	Turbine Delivery Route Option 1	Limerick	60025	TDR 25m Intervals	557449.31	654713.41	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3829.96	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2435	Turbine Delivery Route Option 1	Limerick	60050	TDR 25m Intervals	557424.66	654717.56	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3813.91	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2436	Turbine Delivery Route Option 1	Limerick	60075	TDR 25m Intervals	557400.01	654721.72	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3797.95	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2437	Turbine Delivery Route Option 1	Limerick	60100	TDR 25m Intervals	557375.35	654725.88	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3782.09	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2438	Turbine Delivery Route Option 1	Limerick	60125	TDR 25m Intervals	557350.70	654730.04	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3766.33	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2439	Turbine Delivery Route Option 1	Limerick		TDR_WCC_133	557351.48	654719.49	WCC		Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3766.33	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2440	Turbine Delivery Route Option 1	Limerick	60150	TDR 25m Intervals	557326.05	654734.20	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3750.67	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2441	Turbine Delivery Route Option 1	Limerick	60175	TDR 25m Intervals	557301.40	654738.35	NA	NA	Yes	BALLYNACLOGH_010	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3735.11	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2442	Turbine Delivery Route Option 1	Limerick	60200	TDR 25m Intervals	557276.75	654742.51	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3716.07	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2443	Turbine Delivery Route Option 1	Limerick	60225	TDR 25m Intervals	557252.10	654746.67	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3696.82	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2444	Turbine Delivery Route Option 1	Limerick	60250	TDR 25m Intervals	557227.44	654750.83	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3677.63	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2445	Turbine Delivery Route Option 1	Limerick	60275	TDR 25m Intervals	557202.74	654754.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3658.28	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2446	Turbine Delivery Route Option 1	Limerick	60300	TDR 25m Intervals	557177.95	654757.88	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3638.67	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2447	Turbine Delivery Route Option 1	Limerick	60325	TDR 25m Intervals	557153.17	654761.15	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3619.12	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2448	Turbine Delivery Route Option 1	Limerick	60350	TDR 25m Intervals	557128.38	654764.42	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3599.64	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2449	Turbine Delivery Route Option 1	Limerick	60375	TDR 25m Intervals	557103.59	654767.69	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3580.23	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2450	Turbine Delivery Route Option 1	Limerick	60400	TDR 25m Intervals	557078.81	654770.96	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3560.88	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2451	Turbine Delivery Route Option 1	Limerick	60425	TDR 25m Intervals	557054.03	654774.23	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3541.61	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2452	Turbine Delivery Route Option 1	Limerick	60450	TDR 25m Intervals	557029.24	654777.50	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3522.41	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2453	Turbine Delivery Route Option 1	Limerick	60475	TDR 25m Intervals	557004.45	654780.77	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3503.29	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2454	Turbine Delivery Route Option 1	Limerick	60500	TDR 25m Intervals	556979.67	654784.04	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3484.23	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2455	Turbine Delivery Route Option 1	Limerick	60525	TDR 25m Intervals	556954.88	654787.31	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3465.26	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2456	Turbine Delivery Route Option 1	Limerick	60550	TDR 25m Intervals	556930.10	654790.58	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3446.36	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2457	Turbine Delivery Route Option 1	Limerick	60575	TDR 25m Intervals	556905.31	654793.85	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3427.54	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2458	Turbine Delivery Route Option 1	Limerick	60600	TDR 25m Intervals	556880.53	654797.12	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3408.80	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2459	Turbine Delivery Route Option 1	Limerick	60625	TDR 25m Intervals	556855.74	654800.39	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3390.14	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2460	Turbine Delivery Route Option 1	Limerick	60650	TDR 25m Intervals	556830.96	654803.66	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3371.56	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2461	Turbine Delivery Route Option 1	Limerick	60675	TDR 25m Intervals	556806.17	654806.93	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3353.06	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2462	Turbine Delivery Route Option 1	Limerick	60700	TDR 25m Intervals	556781.39	654810.20	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3334.65	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2463	Turbine Delivery Route Option 1	Limerick	60725	TDR 25m Intervals	556756.60	654813.47	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3316.33	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2464	Turbine Delivery Route Option 1	Limerick	60750	TDR 25m Intervals	556731.82	654816.74	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3298.09	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2465	Turbine Delivery Route Option 1	Limerick	60775	TDR 25m Intervals	556707.03	654820.01	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3279.95	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2466	Turbine Delivery Route Option 1	Limerick	60800	TDR 25m Intervals	556682.25	654823.28	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3261.89	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2467	Turbine Delivery Route Option 1	Limerick	60825	TDR 25m Intervals	556657.46	654826.55	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3243.93	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2468	Turbine Delivery Route Option 1	Limerick	60850	TDR 25m Intervals	556632.68	654829.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3226.06	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2469	Turbine Delivery Route Option 1	Limerick	60875	TDR 25m Intervals	556607.89	654833.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3208.28	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2470	Turbine Delivery Route Option 1	Limerick	60900	TDR 25m Intervals	556583.11	654836.36	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3190.61	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2471	Turbine Delivery Route Option 1	Limerick	60925	TDR 25m Intervals	556558.32	654839.63	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3173.03	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2472	Turbine Delivery Route Option 1	Limerick	60950	TDR 25m Intervals	556533.54	654842.90	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3155.55	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2473	Turbine Delivery Route Option 1	Limerick	60975	TDR 25m Intervals	556508.75	654846.17	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3138.17	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2474	Turbine Delivery Route Option 1	Limerick	61000	TDR 25m Intervals	556483.96	654849.44	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3120.90	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2475	Turbine Delivery Route Option 1	Limerick	61025	TDR 25m Intervals	556459.18	654852.71	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3103.73	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2476	Turbine Delivery Route Option 1	Limerick	61050	TDR 25m Intervals	556434.39	654855.98	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3086.67	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2477	Turbine Delivery Route Option 1	Limerick	61075	TDR 25m Intervals	556409.61	654859.25	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3069.71	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2478	Turbine Delivery Route Option 1	Limerick	61100	TDR 25m Intervals	556384.82	654862.52	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3052.87	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2479	Turbine Delivery Route Option 1	Limerick	61125	TDR 25m Intervals	556360.04	654865.79	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3036.14	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2480	Turbine Delivery Route Option 1	Limerick	61150	TDR 25m Intervals	556335.25	654869.06	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3019.53	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2481	Turbine Delivery Route Option 1	Limerick	61175	TDR 25m Intervals	556310.47	654872.33	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3003.03	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2482	Turbine Delivery Route Option 1	Limerick	61200	TDR 25m Intervals	556285.68	654875.60	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2986.65	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2483	Turbine Delivery Route Option 1	Limerick	61225	TDR 25m Intervals	556260.90	654878.87	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2970.39	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2484	Turbine Delivery Route Option 1	Limerick	61250	TDR 25m Intervals	556236.11	654882.14	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2954.25	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2485	Turbine Delivery Route Option 1	Limerick	61275	TDR 25m Intervals	556211.33	654885.41	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2938.24	No	No	No	No	No	Tile_23	NA
2486	Turbine Delivery Route Option 1	Limerick	61300	TDR 25m Intervals	556186.54	654888.68	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2922.35	No	No	No	No	No	Tile_23	NA
2487	Turbine Delivery Route Option 1	Limerick	61325	TDR 25m Intervals	556161.76	654891.95	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2906.59	No	No	No	No	No	Tile_23	NA
2488	Turbine Delivery Route Option 1	Limerick	61350	TDR 25m Intervals	556136.97	654895.22	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2890.96	No	No	No	No	No	Tile_24	NA
2489	Turbine Delivery Route Option 1	Limerick	61375	TDR 25m Intervals	556112.19	654898.49	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2875.47	No	No	No	No	No	Tile_24	NA
2490	Turbine Delivery Route Option 1	Limerick	61400	TDR 25m Intervals	556087.40	654901.76	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2860.10	No	No	No	No	No	Tile_24	NA
2491	Turbine Delivery Route Option 1	Limerick	61425	TDR 25m Intervals	556062.62	654905.03	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2844.88	No	No	No	No	No	Tile_24	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2492	Turbine Delivery Route Option 1	Limerick	61450	TDR 25m Intervals	556037.83	654908.30	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2829.79	No	No	No	No	No	Tile_24	NA
2493	Turbine Delivery Route Option 1	Limerick	61475	TDR 25m Intervals	556013.05	654911.57	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2814.85	No	No	No	No	No	Tile_24	NA
2494	Turbine Delivery Route Option 1	Limerick	61500	TDR 25m Intervals	555988.26	654914.84	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2800.05	No	No	No	No	No	Tile_24	NA
2495	Turbine Delivery Route Option 1	Limerick	61525	TDR 25m Intervals	555963.28	654914.58	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2782.68	No	No	No	No	No	Tile_24	NA
2496	Turbine Delivery Route Option 1	Limerick	61550	TDR 25m Intervals	555938.28	654914.12	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2765.28	No	No	No	No	No	Tile_24	NA
2497	Turbine Delivery Route Option 1	Limerick	61575	TDR 25m Intervals	555913.29	654913.66	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2747.99	No	No	No	No	No	Tile_24	NA
2498	Turbine Delivery Route Option 1	Limerick	61600	TDR 25m Intervals	555888.29	654913.20	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2730.83	No	No	No	No	No	Tile_24	NA
2499	Turbine Delivery Route Option 1	Limerick	61625	TDR 25m Intervals	555863.29	654912.74	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2713.78	No	No	No	No	No	Tile_24	NA
2500	Turbine Delivery Route Option 1	Limerick	61650	TDR 25m Intervals	555838.30	654912.28	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2696.86	No	No	No	No	No	Tile_24	NA
2501	Turbine Delivery Route Option 1	Limerick	61675	TDR 25m Intervals	555813.30	654911.81	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2680.07	No	No	No	No	No	Tile_24	NA
2502	Turbine Delivery Route Option 1	Limerick	61700	TDR 25m Intervals	555788.31	654911.35	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2663.40	No	No	No	No	No	Tile_24	NA
2503	Turbine Delivery Route Option 1	Limerick	61725	TDR 25m Intervals	555763.31	654910.89	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2646.86	No	No	No	No	No	Tile_24	NA
2504	Turbine Delivery Route Option 1	Limerick	61750	TDR 25m Intervals	555738.31	654910.43	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2630.46	No	No	No	No	No	Tile_24	NA
2505	Turbine Delivery Route Option 1	Limerick	61775	TDR 25m Intervals	555713.32	654909.97	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2614.20	No	No	No	No	No	Tile_24	NA
2506	Turbine Delivery Route Option 1	Limerick	61800	TDR 25m Intervals	555688.32	654909.51	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2598.07	No	No	No	No	No	Tile_24	NA
2507	Turbine Delivery Route Option 1	Limerick	61825	TDR 25m Intervals	555663.33	654909.04	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2582.09	No	No	No	No	No	Tile_24	NA
2508	Turbine Delivery Route Option 1	Limerick	61850	TDR 25m Intervals	555638.33	654908.58	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2566.25	No	No	No	No	No	Tile_24	NA
2509	Turbine Delivery Route Option 1	Limerick	61875	TDR 25m Intervals	555613.34	654908.12	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2550.56	No	No	No	No	No	Tile_24	NA
2510	Turbine Delivery Route Option 1	Limerick	61900	TDR 25m Intervals	555588.44	654905.89	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2533.66	No	No	No	No	No	Tile_24	NA
2511	Turbine Delivery Route Option 1	Limerick	61925	TDR 25m Intervals	555563.54	654903.60	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2516.86	No	No	No	No	No	Tile_24	NA
2512	Turbine Delivery Route Option 1	Limerick	61950	TDR 25m Intervals	555538.65	654901.31	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2500.19	No	No	No	No	No	Tile_24	NA
2513	Turbine Delivery Route Option 1	Limerick	61975	TDR 25m Intervals	555513.75	654899.02	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2483.66	No	No	No	No	No	Tile_24	NA
2514	Turbine Delivery Route Option 1	Limerick	62000	TDR 25m Intervals	555488.86	654896.72	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2467.27	No	No	No	No	No	Tile_24	NA
2515	Turbine Delivery Route Option 1	Limerick	62025	TDR 25m Intervals	555463.96	654894.43	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2451.03	No	No	No	No	No	Tile_24	NA
2516	Turbine Delivery Route Option 1	Limerick	62050	TDR 25m Intervals	555439.07	654892.14	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2434.93	No	No	No	No	No	Tile_24	NA
2517	Turbine Delivery Route Option 1	Limerick	62075	TDR 25m Intervals	555414.18	654889.84	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2418.99	No	No	No	No	No	Tile_24	NA
2518	Turbine Delivery Route Option 1	Limerick	62100	TDR 25m Intervals	555389.28	654887.55	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2403.20	No	No	No	No	No	Tile_24	NA
2519	Turbine Delivery Route Option 1	Limerick	62125	TDR 25m Intervals	555364.39	654885.26	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2387.57	No	No	No	No	No	Tile_24	NA
2520	Turbine Delivery Route Option 1	Limerick	62150	TDR 25m Intervals	555339.49	654882.97	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2372.10	No	No	No	No	No	Tile_24	NA
2521	Turbine Delivery Route Option 1	Limerick	62175	TDR 25m Intervals	555314.60	654880.67	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2356.79	No	No	No	No	No	Tile_24	NA
2522	Turbine Delivery Route Option 1	Limerick	62200	TDR 25m Intervals	555289.75	654880.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2343.57	No	No	No	No	No	Tile_24	NA
2523	Turbine Delivery Route Option 1	Limerick	62225	TDR 25m Intervals	555264.96	654883.88	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2333.43	No	No	No	No	No	Tile_24	NA
2524	Turbine Delivery Route Option 1	Limerick	62250	TDR 25m Intervals	555240.18	654887.15	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2323.50	No	No	No	No	No	Tile_24	NA
2525	Turbine Delivery Route Option 1	Limerick	62275	TDR 25m Intervals	555215.39	654890.41	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2313.81	No	No	No	No	No	Tile_24	NA
2526	Turbine Delivery Route Option 1	Limerick	62300	TDR 25m Intervals	555190.60	654893.68	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2304.35	No	No	No	No	No	Tile_24	NA
2527	Turbine Delivery Route Option 1	Limerick	62325	TDR 25m Intervals	555165.82	654896.95	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2295.12	No	No	No	No	No	Tile_24	NA
2528	Turbine Delivery Route Option 1	Limerick	62350	TDR 25m Intervals	555141.03	654900.22	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2286.12	No	No	No	No	No	Tile_24	NA
2529	Turbine Delivery Route Option 1	Limerick	62375	TDR 25m Intervals	555116.25	654903.48	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2277.37	No	No	No	No	No	Tile_24	NA
2530	Turbine Delivery Route Option 1	Limerick	62400	TDR 25m Intervals	555091.46	654906.75	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2268.86	No	No	No	No	No	Tile_24	NA
2531	Turbine Delivery Route Option 1	Limerick	62425	TDR 25m Intervals	555066.68	654910.02	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2260.59	No	No	No	No	No	Tile_24	NA
2532	Turbine Delivery Route Option 1	Limerick	62450	TDR 25m Intervals	555041.89	654913.29	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2252.57	No	No	No	No	No	Tile_24	NA
2533	Turbine Delivery Route Option 1	Limerick	62475	TDR 25m Intervals	555017.10	654916.56	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2244.79	No	No	No	No	No	Tile_24	NA
2534	Turbine Delivery Route Option 1	Limerick	62500	TDR 25m Intervals	554992.32	654919.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2237.28	No	No	No	No	No	Tile_24	NA
2535	Turbine Delivery Route Option 1	Limerick	62525	TDR 25m Intervals	554967.53	654923.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2230.01	No	No	No	No	No	Tile_24	NA
2536	Turbine Delivery Route Option 1	Limerick	62550	TDR 25m Intervals	554942.76	654926.42	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2223.07	No	No	No	No	No	Tile_24	NA
2537	Turbine Delivery Route Option 1	Limerick	62575	TDR 25m Intervals	554919.55	654935.70	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2222.48	No	No	No	No	No	Tile_24	NA
2538	Turbine Delivery Route Option 1	Limerick	62600	TDR 25m Intervals	554896.34	654944.99	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2222.17	No	No	No	No	No	Tile_24	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2539	Turbine Delivery Route Option 1	Limerick	62625	TDR 25m Intervals	554873.13	654954.28	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2222.14	No	No	No	No	No	Tile_24	NA
2540	Turbine Delivery Route Option 1	Limerick	62650	TDR 25m Intervals	554849.92	654963.56	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2222.40	No	No	No	No	No	Tile_24	NA
2541	Turbine Delivery Route Option 1	Limerick	62675	TDR 25m Intervals	554826.71	654972.85	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2222.94	No	No	No	No	No	Tile_24	NA
2542	Turbine Delivery Route Option 1	Limerick	62700	TDR 25m Intervals	554803.49	654982.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2223.75	No	No	No	No	No	Tile_24	NA
2543	Turbine Delivery Route Option 1	Limerick	62725	TDR 25m Intervals	554780.28	654991.42	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2224.85	No	No	No	No	No	Tile_24	NA
2544	Turbine Delivery Route Option 1	Limerick	62750	TDR 25m Intervals	554757.07	655000.70	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2226.23	No	No	No	No	No	Tile_24	NA
2545	Turbine Delivery Route Option 1	Limerick	62775	TDR 25m Intervals	554733.92	655010.12	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2228.03	No	No	No	No	No	Tile_24	NA
2546	Turbine Delivery Route Option 1	Limerick	62800	TDR 25m Intervals	554712.61	655023.18	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2234.14	No	No	No	No	No	Tile_24	NA
2547	Turbine Delivery Route Option 1	Limerick	62825	TDR 25m Intervals	554691.30	655036.25	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2240.51	No	No	No	No	No	Tile_24	NA
2548	Turbine Delivery Route Option 1	Limerick	62850	TDR 25m Intervals	554669.98	655049.32	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2247.14	No	No	No	No	No	Tile_24	NA
2549	Turbine Delivery Route Option 1	Limerick	62875	TDR 25m Intervals	554648.67	655062.38	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2254.03	No	No	No	No	No	Tile_24	NA
2550	Turbine Delivery Route Option 1	Limerick	62900	TDR 25m Intervals	554627.36	655075.45	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2261.18	No	No	No	No	No	Tile_24	NA
2551	Turbine Delivery Route Option 1	Limerick	62925	TDR 25m Intervals	554606.04	655088.52	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2268.58	No	No	No	No	No	Tile_24	NA
2552	Turbine Delivery Route Option 1	Limerick	62950	TDR 25m Intervals	554584.73	655101.58	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2276.22	No	No	No	No	No	Tile_24	NA
2553	Turbine Delivery Route Option 1	Limerick	62975	TDR 25m Intervals	554563.42	655114.65	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2284.12	No	No	No	No	No	Tile_24	NA
2554	Turbine Delivery Route Option 1	Limerick	63000	TDR 25m Intervals	554542.10	655127.72	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2292.26	No	No	No	No	No	Tile_24	NA
2555	Turbine Delivery Route Option 1	Limerick	63025	TDR 25m Intervals	554521.26	655131.78	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2291.93	No	No	No	No	No	Tile_24	NA
2556	Turbine Delivery Route Option 1	Limerick	63050	TDR 25m Intervals	554501.44	655116.56	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2273.06	No	No	No	No	No	Tile_24	NA
2557	Turbine Delivery Route Option 1	Limerick	63075	TDR 25m Intervals	554481.61	655101.33	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2254.31	No	No	No	No	No	Tile_24	NA
2558	Turbine Delivery Route Option 1	Limerick	63100	TDR 25m Intervals	554461.78	655086.10	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2235.68	No	No	No	No	No	Tile_24	NA
2559	Turbine Delivery Route Option 1	Limerick	63125	TDR 25m Intervals	554441.96	655070.87	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2217.17	No	No	No	No	No	Tile_24	NA
2560	Turbine Delivery Route Option 1	Limerick	63150	TDR 25m Intervals	554422.13	655055.64	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2198.80	No	No	No	No	No	Tile_24	NA
2561	Turbine Delivery Route Option 1	Limerick	63175	TDR 25m Intervals	554402.31	655040.41	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2180.55	No	No	No	No	No	Tile_24	NA
2562	Turbine Delivery Route Option 1	Limerick	63200	TDR 25m Intervals	554382.48	655025.18	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2162.44	No	No	No	No	No	Tile_24	NA
2563	Turbine Delivery Route Option 1	Limerick	63225	TDR 25m Intervals	554362.66	655009.95	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2144.47	No	No	No	No	No	Tile_24	NA
2564	Turbine Delivery Route Option 1	Limerick	63250	TDR 25m Intervals	554342.83	654994.72	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2126.64	No	No	No	No	No	Tile_24	NA
2565	Turbine Delivery Route Option 1	Limerick	63275	TDR 25m Intervals	554323.00	654979.49	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2108.96	No	No	No	No	No	Tile_24	NA
2566	Turbine Delivery Route Option 1	Limerick	63300	TDR 25m Intervals	554303.18	654964.26	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2091.43	No	No	No	No	No	Tile_24	NA
2567	Turbine Delivery Route Option 1	Limerick	63325	TDR 25m Intervals	554283.35	654949.03	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2074.05	No	No	No	No	No	Tile_24	NA
2568	Turbine Delivery Route Option 1	Limerick	63350	TDR 25m Intervals	554263.53	654933.80	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2056.83	No	No	No	No	No	Tile_24	NA
2569	Turbine Delivery Route Option 1	Limerick	63375	TDR 25m Intervals	554243.70	654918.57	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2039.77	No	No	No	No	No	Tile_24	NA
2570	Turbine Delivery Route Option 1	Limerick	63400	TDR 25m Intervals	554223.87	654903.34	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2022.87	No	No	No	No	No	Tile_24	NA
2571	Turbine Delivery Route Option 1	Limerick	63425	TDR 25m Intervals	554204.05	654888.11	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2006.14	No	No	No	No	No	Tile_24	NA
2572	Turbine Delivery Route Option 1	Limerick	63450	TDR 25m Intervals	554184.22	654872.89	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1989.59	No	No	No	No	No	Tile_24	NA
2573	Turbine Delivery Route Option 1	Limerick	63475	TDR 25m Intervals	554164.40	654857.66	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1973.21	No	No	No	No	No	Tile_24	NA
2574	Turbine Delivery Route Option 1	Limerick	63500	TDR 25m Intervals	554144.57	654842.43	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1957.02	No	No	No	No	No	Tile_24	NA
2575	Turbine Delivery Route Option 1	Limerick	63525	TDR 25m Intervals	554124.74	654827.20	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1941.01	No	No	No	No	No	Tile_24	NA
2576	Turbine Delivery Route Option 1	Limerick	63550	TDR 25m Intervals	554104.92	654811.97	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1925.20	No	No	No	No	No	Tile_24	NA
2577	Turbine Delivery Route Option 1	Limerick	63575	TDR 25m Intervals	554085.09	654796.74	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1909.58	No	No	No	No	No	Tile_24	NA
2578	Turbine Delivery Route Option 1	Limerick	63600	TDR 25m Intervals	554065.27	654781.51	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1894.17	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2579	Turbine Delivery Route Option 1	Limerick	63625	TDR 25m Intervals	554045.44	654766.28	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1878.96	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2580	Turbine Delivery Route Option 1	Limerick	63650	TDR 25m Intervals	554025.61	654751.05	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1863.96	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2581	Turbine Delivery Route Option 1	Limerick	63675	TDR 25m Intervals	554005.79	654735.82	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1849.17	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2582	Turbine Delivery Route Option 1	Limerick	63700	TDR 25m Intervals	553985.96	654720.59	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1834.61	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2583	Turbine Delivery Route Option 1	Limerick	63725	TDR 25m Intervals	553966.14	654705.36	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1820.28	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2584	Turbine Delivery Route Option 1	Limerick	63750	TDR 25m Intervals	553946.31	654690.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1806.18	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2585	Turbine Delivery Route Option 1	Limerick	63775	TDR 25m Intervals	553926.48	654674.90	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1792.31	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2586	Turbine Delivery Route Option 1	Limerick	63800	TDR 25m Intervals	553906.66	654659.67	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1778.69	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2587	Turbine Delivery Route Option 1	Limerick	63825	TDR 25m Intervals	553886.83	654644.44	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1765.32	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2588	Turbine Delivery Route Option 1	Limerick	63850	TDR 25m Intervals	553867.01	654629.21	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1752.21	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2589	Turbine Delivery Route Option 1	Limerick	63875	TDR 25m Intervals	553847.18	654613.99	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1739.35	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2590	Turbine Delivery Route Option 1	Limerick	63900	TDR 25m Intervals	553827.35	654598.76	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1726.76	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2591	Turbine Delivery Route Option 1	Limerick	63925	TDR 25m Intervals	553807.53	654583.53	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1714.44	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2592	Turbine Delivery Route Option 1	Limerick	63950	TDR 25m Intervals	553787.70	654568.30	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1702.41	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2593	Turbine Delivery Route Option 1	Limerick	63975	TDR 25m Intervals	553767.88	654553.07	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1690.65	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2594	Turbine Delivery Route Option 1	Limerick	64000	TDR 25m Intervals	553748.05	654537.84	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1679.19	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2595	Turbine Delivery Route Option 1	Limerick	64025	TDR 25m Intervals	553728.23	654522.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1668.02	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2596	Turbine Delivery Route Option 1	Limerick	64050	TDR 25m Intervals	553708.40	654507.38	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1657.15	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2597	Turbine Delivery Route Option 1	Limerick	64075	TDR 25m Intervals	553688.57	654492.15	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1646.59	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2598	Turbine Delivery Route Option 1	Limerick	64100	TDR 25m Intervals	553668.75	654476.92	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1636.35	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2599	Turbine Delivery Route Option 1	Limerick	64125	TDR 25m Intervals	553648.92	654461.69	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1626.42	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2600	Turbine Delivery Route Option 1	Limerick	64150	TDR 25m Intervals	553629.10	654446.46	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1616.82	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2601	Turbine Delivery Route Option 1	Limerick	64175	TDR 25m Intervals	553609.27	654431.23	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1607.56	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2602	Turbine Delivery Route Option 1	Limerick	64200	TDR 25m Intervals	553589.44	654416.00	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1598.63	Yes	No	No	No	No	Tile_24	ELEVATED RISK Within GW Buffer Zone
2603	Turbine Delivery Route Option 1	Limerick	64225	TDR 25m Intervals	553569.62	654400.78	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1590.04	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2604	Turbine Delivery Route Option 1	Limerick	64250	TDR 25m Intervals	553549.79	654385.55	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1581.80	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2605	Turbine Delivery Route Option 1	Limerick	64275	TDR 25m Intervals	553528.98	654371.85	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1575.70	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2606	Turbine Delivery Route Option 1	Limerick	64300	TDR 25m Intervals	553506.92	654360.09	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1572.21	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2607	Turbine Delivery Route Option 1	Limerick	64325	TDR 25m Intervals	553484.86	654348.33	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1569.11	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2608	Turbine Delivery Route Option 1	Limerick	64350	TDR 25m Intervals	553462.80	654336.57	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1566.41	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2609	Turbine Delivery Route Option 1	Limerick	64375	TDR 25m Intervals	553440.74	654324.80	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1564.10	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2610	Turbine Delivery Route Option 1	Limerick	64400	TDR 25m Intervals	553418.68	654313.04	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1562.18	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2611	Turbine Delivery Route Option 1	Limerick	64425	TDR 25m Intervals	553396.62	654301.28	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1560.67	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2612	Turbine Delivery Route Option 1	Limerick	64450	TDR 25m Intervals	553374.56	654289.52	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1559.55	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2613	Turbine Delivery Route Option 1	Limerick	64475	TDR 25m Intervals	553352.50	654277.75	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1558.84	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2614	Turbine Delivery Route Option 1	Limerick	64500	TDR 25m Intervals	553330.44	654265.99	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1558.52	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2615	Turbine Delivery Route Option 1	Limerick	64525	TDR 25m Intervals	553308.38	654254.23	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1558.61	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2616	Turbine Delivery Route Option 1	Limerick	64550	TDR 25m Intervals	553286.32	654242.46	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1559.10	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2617	Turbine Delivery Route Option 1	Limerick	64575	TDR 25m Intervals	553264.26	654230.70	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1559.99	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2618	Turbine Delivery Route Option 1	Limerick	64600	TDR 25m Intervals	553242.20	654218.94	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1561.28	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2619	Turbine Delivery Route Option 1	Limerick	64625	TDR 25m Intervals	553220.14	654207.18	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1562.96	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2620	Turbine Delivery Route Option 1	Limerick	64650	TDR 25m Intervals	553198.08	654195.41	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1565.05	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2621	Turbine Delivery Route Option 1	Limerick	64675	TDR 25m Intervals	553176.02	654183.65	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1567.53	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2622	Turbine Delivery Route Option 1	Limerick	64700	TDR 25m Intervals	553153.96	654171.89	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1570.41	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2623	Turbine Delivery Route Option 1	Limerick	64725	TDR 25m Intervals	553131.90	654160.13	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1573.68	No	No	No	No	No	Tile_25	NA
2624	Turbine Delivery Route Option 1	Limerick	64750	TDR 25m Intervals	553109.84	654148.36	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1577.33	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2625	Turbine Delivery Route Option 1	Limerick	64775	TDR 25m Intervals	553087.78	654136.60	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1581.38	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2626	Turbine Delivery Route Option 1	Limerick	64800	TDR 25m Intervals	553065.72	654124.84	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1585.81	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2627	Turbine Delivery Route Option 1	Limerick	64825	TDR 25m Intervals	553043.66	654113.07	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1590.62	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2628	Turbine Delivery Route Option 1	Limerick	64850	TDR 25m Intervals	553021.60	654101.31	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1595.80	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2629	Turbine Delivery Route Option 1	Limerick	64875	TDR 25m Intervals	552999.54	654089.55	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1601.36	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2630	Turbine Delivery Route Option 1	Limerick	64900	TDR 25m Intervals	552977.48	654077.79	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1607.29	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2631	Turbine Delivery Route Option 1	Limerick	64925	TDR 25m Intervals	552954.48	654069.72	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1616.93	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2632	Turbine Delivery Route Option 1	Limerick	64950	TDR 25m Intervals	552929.48	654069.61	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1634.01	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2633	Turbine Delivery Route Option 1	Limerick	64975	TDR 25m Intervals	552904.49	654069.50	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1651.29	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2634	Turbine Delivery Route Option 1	Limerick	65000	TDR 25m Intervals	552879.49	654069.39	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1668.76	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2635	Turbine Delivery Route Option 1	Limerick	65025	TDR 25m Intervals	552854.49	654069.27	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1686.43	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2636	Turbine Delivery Route Option 1	Limerick	65050	TDR 25m Intervals	552829.49	654069.16	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1704.28	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2637	Turbine Delivery Route Option 1	Limerick	65075	TDR 25m Intervals	552804.49	654069.05	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1722.31	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2638	Turbine Delivery Route Option 1	Limerick	65100	TDR 25m Intervals	552779.49	654068.94	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1740.51	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2639	Turbine Delivery Route Option 1	Limerick	65125	TDR 25m Intervals	552754.49	654068.83	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1758.87	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2640	Turbine Delivery Route Option 1	Limerick	65150	TDR 25m Intervals	552729.49	654068.71	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1777.40	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2641	Turbine Delivery Route Option 1	Limerick	65175	TDR 25m Intervals	552704.49	654068.60	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1796.09	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2642	Turbine Delivery Route Option 1	Limerick	65200	TDR 25m Intervals	552679.49	654068.49	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1814.93	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2643	Turbine Delivery Route Option 1	Limerick	65225	TDR 25m Intervals	552654.49	654068.38	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1833.91	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2644	Turbine Delivery Route Option 1	Limerick	65250	TDR 25m Intervals	552629.49	654068.27	NA	NA	No	NA	BALLYNACLOGH_010	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1853.04	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2645	Turbine Delivery Route Option 1	Limerick	65275	TDR 25m Intervals	552604.49	654068.15	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1872.31	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2646	Turbine Delivery Route Option 1	Limerick	65300	TDR 25m Intervals	552579.49	654068.04	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1891.71	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2647	Turbine Delivery Route Option 1	Limerick	65325	TDR 25m Intervals	552554.49	654067.93	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1911.24	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2648	Turbine Delivery Route Option 1	Limerick	65350	TDR 25m Intervals	552529.49	654067.82	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1930.90	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2649	Turbine Delivery Route Option 1	Limerick	65375	TDR 25m Intervals	552504.49	654067.71	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1950.68	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2650	Turbine Delivery Route Option 1	Limerick	65400	TDR 25m Intervals	552479.49	654067.59	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1970.58	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2651	Turbine Delivery Route Option 1	Limerick	65425	TDR 25m Intervals	552454.49	654067.48	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	1990.59	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2652	Turbine Delivery Route Option 1	Limerick	65450	TDR 25m Intervals	552429.49	654067.37	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2010.71	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2653	Turbine Delivery Route Option 1	Limerick	65475	TDR 25m Intervals	552404.49	654067.26	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	11255.53	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
2654	Turbine Delivery Route Option 1	Limerick	65500	TDR 25m Intervals	552379.49	654067.15	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2051.29	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2655	Turbine Delivery Route Option 1	Limerick	65525	TDR 25m Intervals	552354.51	654067.57	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2072.02	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2656	Turbine Delivery Route Option 1	Limerick	65550	TDR 25m Intervals	552329.55	654068.98	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2093.39	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2657	Turbine Delivery Route Option 1	Limerick	65575	TDR 25m Intervals	552304.58	654070.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2114.83	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2658	Turbine Delivery Route Option 1	Limerick	65600	TDR 25m Intervals	552279.63	654071.81	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2136.35	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2659	Turbine Delivery Route Option 1	Limerick	65625	TDR 25m Intervals	552254.67	654073.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2157.95	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2660	Turbine Delivery Route Option 1	Limerick	65650	TDR 25m Intervals	552229.70	654074.63	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2179.62	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2661	Turbine Delivery Route Option 1	Limerick	65675	TDR 25m Intervals	552204.74	654076.04	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2201.36	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2662	Turbine Delivery Route Option 1	Limerick	65700	TDR 25m Intervals	552179.79	654077.46	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2223.17	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2663	Turbine Delivery Route Option 1	Limerick	65725	TDR 25m Intervals	552154.82	654078.87	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2245.05	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2664	Turbine Delivery Route Option 1	Limerick	65750	TDR 25m Intervals	552129.86	654080.28	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2266.99	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2665	Turbine Delivery Route Option 1	Limerick	65775	TDR 25m Intervals	552104.90	654081.69	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2288.99	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2666	Turbine Delivery Route Option 1	Limerick	65800	TDR 25m Intervals	552079.94	654083.10	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2311.05	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2667	Turbine Delivery Route Option 1	Limerick	65825	TDR 25m Intervals	552054.98	654084.52	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2333.18	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2668	Turbine Delivery Route Option 1	Limerick	65850	TDR 25m Intervals	552030.02	654085.93	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2355.36	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2669	Turbine Delivery Route Option 1	Limerick	65875	TDR 25m Intervals	552005.06	654087.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2377.59	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2670	Turbine Delivery Route Option 1	Limerick	65900	TDR 25m Intervals	551980.10	654088.75	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2399.89	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2671	Turbine Delivery Route Option 1	Limerick	65925	TDR 25m Intervals	551955.14	654090.16	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2422.23	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2672	Turbine Delivery Route Option 1	Limerick	65950	TDR 25m Intervals	551930.18	654091.58	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2444.63	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2673	Turbine Delivery Route Option 1	Limerick	65975	TDR 25m Intervals	551905.22	654092.99	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2467.07	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2674	Turbine Delivery Route Option 1	Limerick	66000	TDR 25m Intervals	551880.26	654094.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2489.57	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2675	Turbine Delivery Route Option 1	Limerick	66025	TDR 25m Intervals	551855.30	654095.81	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2512.11	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2676	Turbine Delivery Route Option 1	Limerick	66050	TDR 25m Intervals	551830.34	654097.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2534.70	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2677	Turbine Delivery Route Option 1	Limerick	66075	TDR 25m Intervals	551805.38	654098.64	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2557.33	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2678	Turbine Delivery Route Option 1	Limerick	66100	TDR 25m Intervals	551780.42	654100.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2580.01	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2679	Turbine Delivery Route Option 1	Limerick	66125	TDR 25m Intervals	551755.46	654101.46	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2602.73	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2680	Turbine Delivery Route Option 1	Limerick	66150	TDR 25m Intervals	551730.50	654102.87	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2625.49	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2681	Turbine Delivery Route Option 1	Limerick	66175	TDR 25m Intervals	551705.54	654104.28	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2648.29	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2682	Turbine Delivery Route Option 1	Limerick	66200	TDR 25m Intervals	551680.58	654105.70	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2671.13	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2683	Turbine Delivery Route Option 1	Limerick	66225	TDR 25m Intervals	551655.62	654107.11	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2694.01	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2684	Turbine Delivery Route Option 1	Limerick	66250	TDR 25m Intervals	551630.66	654108.52	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2716.93	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2685	Turbine Delivery Route Option 1	Limerick	66275	TDR 25m Intervals	551605.70	654109.93	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2739.88	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2686	Turbine Delivery Route Option 1	Limerick	66300	TDR 25m Intervals	551580.74	654111.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2762.87	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2687	Turbine Delivery Route Option 1	Limerick	66325	TDR 25m Intervals	551555.81	654112.19	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2785.62	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2688	Turbine Delivery Route Option 1	Limerick	66350	TDR 25m Intervals	551531.08	654108.49	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2806.24	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2689	Turbine Delivery Route Option 1	Limerick	66375	TDR 25m Intervals	551506.36	654104.79	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2826.93	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2690	Turbine Delivery Route Option 1	Limerick	66400	TDR 25m Intervals	551481.64	654101.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2847.69	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2691	Turbine Delivery Route Option 1	Limerick	66425	TDR 25m Intervals	551456.91	654097.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2868.51	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2692	Turbine Delivery Route Option 1	Limerick	66450	TDR 25m Intervals	551432.19	654093.68	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2889.41	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2693	Turbine Delivery Route Option 1	Limerick	66475	TDR 25m Intervals	551407.46	654089.98	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2910.36	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2694	Turbine Delivery Route Option 1	Limerick	66500	TDR 25m Intervals	551387.17	654075.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2922.96	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2695	Turbine Delivery Route Option 1	Limerick	66525	TDR 25m Intervals	551367.05	654060.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2935.40	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2696	Turbine Delivery Route Option 1	Limerick	66550	TDR 25m Intervals	551346.92	654045.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2948.00	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2697	Turbine Delivery Route Option 1	Limerick	66575	TDR 25m Intervals	551326.80	654031.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2960.76	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2698	Turbine Delivery Route Option 1	Limerick	66600	TDR 25m Intervals	551306.68	654016.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2973.67	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2699	Turbine Delivery Route Option 1	Limerick	66625	TDR 25m Intervals	551286.55	654001.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Rock near surface or karst (X)	<1m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2986.73	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2700	Turbine Delivery Route Option 1	Limerick	66650	TDR 25m Intervals	551266.43	653986.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	2999.95	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2701	Turbine Delivery Route Option 1	Limerick	66675	TDR 25m Intervals	551246.31	653971.72	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3013.32	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2702	Turbine Delivery Route Option 1	Limerick	66700	TDR 25m Intervals	551226.18	653956.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3026.83	Yes	No	No	No	No	Tile_25	ELEVATED RISK Within GW Buffer Zone
2703	Turbine Delivery Route Option 1	Limerick	66725	TDR 25m Intervals	551206.06	653942.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3040.49	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2704	Turbine Delivery Route Option 1	Limerick	66750	TDR 25m Intervals	551185.93	653927.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3054.29	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2705	Turbine Delivery Route Option 1	Limerick	66775	TDR 25m Intervals	551165.81	653912.38	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3068.24	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2706	Turbine Delivery Route Option 1	Limerick	66800	TDR 25m Intervals	551143.76	653900.92	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3085.25	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2707	Turbine Delivery Route Option 1	Limerick	66825	TDR 25m Intervals	551120.79	653891.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3103.75	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2708	Turbine Delivery Route Option 1	Limerick	66850	TDR 25m Intervals	551097.82	653881.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3122.35	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2709	Turbine Delivery Route Option 1	Limerick	66875	TDR 25m Intervals	551074.48	653872.32	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3141.69	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2710	Turbine Delivery Route Option 1	Limerick	66900	TDR 25m Intervals	551050.49	653865.29	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3162.30	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2711	Turbine Delivery Route Option 1	Limerick	66925	TDR 25m Intervals	551026.50	653858.25	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3182.97	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2712	Turbine Delivery Route Option 1	Limerick	66950	TDR 25m Intervals	551002.51	653851.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3203.71	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2713	Turbine Delivery Route Option 1	Limerick	66975	TDR 25m Intervals	550978.52	653844.19	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3224.51	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2714	Turbine Delivery Route Option 1	Limerick	67000	TDR 25m Intervals	550954.53	653837.16	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3245.36	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2715	Turbine Delivery Route Option 1	Limerick	67025	TDR 25m Intervals	550930.54	653830.13	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3266.28	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2716	Turbine Delivery Route Option 1	Limerick	67050	TDR 25m Intervals	550906.55	653823.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3287.25	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2717	Turbine Delivery Route Option 1	Limerick	67075	TDR 25m Intervals	550882.56	653816.06	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3308.28	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2718	Turbine Delivery Route Option 1	Limerick	67100	TDR 25m Intervals	550858.57	653809.03	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3329.36	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2719	Turbine Delivery Route Option 1	Limerick	67125	TDR 25m Intervals	550834.58	653802.00	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3350.50	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2720	Turbine Delivery Route Option 1	Limerick	67150	TDR 25m Intervals	550810.59	653794.96	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3371.69	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2721	Turbine Delivery Route Option 1	Limerick	67175	TDR 25m Intervals	550786.60	653787.93	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3392.93	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2722	Turbine Delivery Route Option 1	Limerick	67200	TDR 25m Intervals	550762.61	653780.90	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3414.22	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2723	Turbine Delivery Route Option 1	Limerick	67225	TDR 25m Intervals	550738.62	653773.87	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3435.57	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2724	Turbine Delivery Route Option 1	Limerick	67250	TDR 25m Intervals	550714.63	653766.84	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3456.96	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2725	Turbine Delivery Route Option 1	Limerick	67275	TDR 25m Intervals	550690.64	653759.81	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3478.40	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2726	Turbine Delivery Route Option 1	Limerick	67300	TDR 25m Intervals	550666.65	653752.77	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3499.89	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2727	Turbine Delivery Route Option 1	Limerick	67325	TDR 25m Intervals	550642.65	653745.74	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3521.42	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2728	Turbine Delivery Route Option 1	Limerick	67350	TDR 25m Intervals	550618.66	653738.71	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3543.00	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2729	Turbine Delivery Route Option 1	Limerick	67375	TDR 25m Intervals	550594.67	653731.68	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3564.62	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2730	Turbine Delivery Route Option 1	Limerick	67400	TDR 25m Intervals	550570.68	653724.65	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3586.29	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2731	Turbine Delivery Route Option 1	Limerick	67425	TDR 25m Intervals	550546.69	653717.61	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3608.00	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2732	Turbine Delivery Route Option 1	Limerick	67450	TDR 25m Intervals	550522.70	653710.58	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3629.76	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2733	Turbine Delivery Route Option 1	Limerick	67475	TDR 25m Intervals	550498.71	653703.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3651.55	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2734	Turbine Delivery Route Option 1	Limerick	67500	TDR 25m Intervals	550474.72	653696.52	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3673.39	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2735	Turbine Delivery Route Option 1	Limerick	67525	TDR 25m Intervals	550450.73	653689.48	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3695.26	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2736	Turbine Delivery Route Option 1	Limerick	67550	TDR 25m Intervals	550426.74	653682.45	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3717.18	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2737	Turbine Delivery Route Option 1	Limerick	67575	TDR 25m Intervals	550402.75	653675.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3739.13	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2738	Turbine Delivery Route Option 1	Limerick	67600	TDR 25m Intervals	550378.76	653668.39	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3761.13	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2739	Turbine Delivery Route Option 1	Limerick	67625	TDR 25m Intervals	550354.77	653661.36	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3783.16	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2740	Turbine Delivery Route Option 1	Limerick	67650	TDR 25m Intervals	550330.81	653654.20	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3805.16	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2741	Turbine Delivery Route Option 1	Limerick	67675	TDR 25m Intervals	550306.97	653646.68	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3827.02	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2742	Turbine Delivery Route Option 1	Limerick	67700	TDR 25m Intervals	550283.13	653639.16	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3848.92	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2743	Turbine Delivery Route Option 1	Limerick	67725	TDR 25m Intervals	550259.29	653631.64	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3870.85	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2744	Turbine Delivery Route Option 1	Limerick	67750	TDR 25m Intervals	550235.45	653624.11	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3892.83	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2745	Turbine Delivery Route Option 1	Limerick	67775	TDR 25m Intervals	550211.60	653616.59	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3914.84	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2746	Turbine Delivery Route Option 1	Limerick	67800	TDR 25m Intervals	550187.76	653609.07	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3936.88	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2747	Turbine Delivery Route Option 1	Limerick	67825	TDR 25m Intervals	550163.92	653601.55	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3958.96	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2748	Turbine Delivery Route Option 1	Limerick	67850	TDR 25m Intervals	550140.08	653594.03	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	3981.08	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2749	Turbine Delivery Route Option 1	Limerick	67875	TDR 25m Intervals	550116.24	653586.51	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4003.23	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2750	Turbine Delivery Route Option 1	Limerick	67900	TDR 25m Intervals	550092.40	653578.99	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4025.41	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2751	Turbine Delivery Route Option 1	Limerick	67925	TDR 25m Intervals	550068.55	653571.47	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4047.62	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2752	Turbine Delivery Route Option 1	Limerick	67950	TDR 25m Intervals	550044.71	653563.95	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4069.87	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2753	Turbine Delivery Route Option 1	Limerick	67975	TDR 25m Intervals	550020.87	653556.43	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4092.15	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2754	Turbine Delivery Route Option 1	Limerick	68000	TDR 25m Intervals	549997.03	653548.91	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4114.46	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2755	Turbine Delivery Route Option 1	Limerick	68025	TDR 25m Intervals	549973.19	653541.38	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4136.80	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2756	Turbine Delivery Route Option 1	Limerick	68050	TDR 25m Intervals	549949.34	653533.86	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4159.18	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2757	Turbine Delivery Route Option 1	Limerick	68075	TDR 25m Intervals	549925.50	653526.34	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4181.58	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2758	Turbine Delivery Route Option 1	Limerick	68100	TDR 25m Intervals	549901.66	653518.82	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4204.01	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2759	Turbine Delivery Route Option 1	Limerick	68125	TDR 25m Intervals	549877.82	653511.30	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4226.47	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2760	Turbine Delivery Route Option 1	Limerick	68150	TDR 25m Intervals	549853.98	653503.78	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4248.96	Yes	No	No	No	No	Tile_26	ELEVATED RISK Within GW Buffer Zone
2761	Turbine Delivery Route Option 1	Limerick	68175	TDR 25m Intervals	549830.13	653496.26	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4271.47	No	No	No	No	No	Tile_26	NA
2762	Turbine Delivery Route Option 1	Limerick	68200	TDR 25m Intervals	549806.29	653488.74	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4294.02	No	No	No	No	No	Tile_26	NA
2763	Turbine Delivery Route Option 1	Limerick	68225	TDR 25m Intervals	549782.45	653481.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4316.59	No	No	No	No	No	Tile_26	NA
2764	Turbine Delivery Route Option 1	Limerick	68250	TDR 25m Intervals	549758.61	653473.70	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4339.19	No	No	No	No	No	Tile_26	NA
2765	Turbine Delivery Route Option 1	Limerick	68275	TDR 25m Intervals	549734.77	653466.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4361.81	No	No	No	No	No	Tile_26	NA
2766	Turbine Delivery Route Option 1	Limerick	68300	TDR 25m Intervals	549710.93	653458.66	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4384.46	No	No	No	No	No	Tile_26	NA
2767	Turbine Delivery Route Option 1	Limerick	68325	TDR 25m Intervals	549687.08	653451.13	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4407.13	No	No	No	No	No	Tile_26	NA
2768	Turbine Delivery Route Option 1	Limerick	68350	TDR 25m Intervals	549663.24	653443.61	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4429.83	No	No	No	No	No	Tile_26	NA
2769	Turbine Delivery Route Option 1	Limerick	68375	TDR 25m Intervals	549639.40	653436.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4452.56	No	No	No	No	No	Tile_26	NA
2770	Turbine Delivery Route Option 1	Limerick	68400	TDR 25m Intervals	549615.56	653428.57	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4475.31	No	No	No	No	No	Tile_26	NA
2771	Turbine Delivery Route Option 1	Limerick	68425	TDR 25m Intervals	549591.71	653421.05	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4498.08	No	No	No	No	No	Tile_26	NA
2772	Turbine Delivery Route Option 1	Limerick	68450	TDR 25m Intervals	549567.87	653413.53	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4520.88	No	No	No	No	No	Tile_26	NA
2773	Turbine Delivery Route Option 1	Limerick	68475	TDR 25m Intervals	549544.03	653406.01	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4543.70	No	No	No	No	No	Tile_26	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2774	Turbine Delivery Route Option 1	Limerick	68500	TDR 25m Intervals	549520.19	653398.49	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4566.54	No	No	No	No	No	Tile_26	NA
2775	Turbine Delivery Route Option 1	Limerick	68525	TDR 25m Intervals	549497.31	653388.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4588.17	No	No	No	No	No	Tile_26	NA
2776	Turbine Delivery Route Option 1	Limerick	68550	TDR 25m Intervals	549474.44	653378.32	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4609.82	No	No	No	No	No	Tile_26	NA
2777	Turbine Delivery Route Option 1	Limerick	68575	TDR 25m Intervals	549451.57	653368.22	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4631.51	No	No	No	No	No	Tile_26	NA
2778	Turbine Delivery Route Option 1	Limerick	68600	TDR 25m Intervals	549428.70	653358.12	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4653.22	No	No	No	No	No	Tile_26	NA
2779	Turbine Delivery Route Option 1	Limerick	68625	TDR 25m Intervals	549407.32	653345.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4673.27	No	No	No	No	No	Tile_26	NA
2780	Turbine Delivery Route Option 1	Limerick	68650	TDR 25m Intervals	549389.03	653328.72	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4689.85	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2781	Turbine Delivery Route Option 1	Limerick	68675	TDR 25m Intervals	549370.73	653311.68	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4706.50	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2782	Turbine Delivery Route Option 1	Limerick	68700	TDR 25m Intervals	549353.04	653294.17	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4722.58	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2783	Turbine Delivery Route Option 1	Limerick	68725	TDR 25m Intervals	549340.50	653272.54	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4733.27	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2784	Turbine Delivery Route Option 1	Limerick		TDR_WCC_134	549343.51	653264.51	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4733.27	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2785	Turbine Delivery Route Option 1	Limerick	68750	TDR 25m Intervals	549327.96	653250.91	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4744.06	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2786	Turbine Delivery Route Option 1	Limerick	68775	TDR 25m Intervals	549315.42	653229.28	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4754.97	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2787	Turbine Delivery Route Option 1	Limerick	68800	TDR 25m Intervals	549302.88	653207.66	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4765.97	No	No	No	No	No	Tile_26	NA
2788	Turbine Delivery Route Option 1	Limerick	68825	TDR 25m Intervals	549290.33	653186.03	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4777.09	No	No	No	No	No	Tile_26	NA
2789	Turbine Delivery Route Option 1	Limerick	68850	TDR 25m Intervals	549277.79	653164.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4788.31	No	No	No	No	No	Tile_26	NA
2790	Turbine Delivery Route Option 1	Limerick	68875	TDR 25m Intervals	549262.43	653144.97	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4802.57	No	No	No	No	No	Tile_26	NA
2791	Turbine Delivery Route Option 1	Limerick	68900	TDR 25m Intervals	549244.59	653127.45	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4819.48	No	No	No	No	No	Tile_26	NA
2792	Turbine Delivery Route Option 1	Limerick	68925	TDR 25m Intervals	549226.75	653109.94	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4836.47	No	No	No	No	No	Tile_26	NA
2793	Turbine Delivery Route Option 1	Limerick	68950	TDR 25m Intervals	549208.91	653092.43	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4853.52	No	No	No	No	No	Tile_26	NA
2794	Turbine Delivery Route Option 1	Limerick	68975	TDR 25m Intervals	549191.07	653074.92	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4870.65	No	No	No	No	No	Tile_26	NA
2795	Turbine Delivery Route Option 1	Limerick	69000	TDR 25m Intervals	549173.22	653057.40	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4887.84	No	No	No	No	No	Tile_26	NA
2796	Turbine Delivery Route Option 1	Limerick	69025	TDR 25m Intervals	549155.38	653039.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4905.10	No	No	No	No	No	Tile_26	NA
2797	Turbine Delivery Route Option 1	Limerick	69050	TDR 25m Intervals	549137.54	653022.38	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4922.42	No	No	No	No	No	Tile_26	NA
2798	Turbine Delivery Route Option 1	Limerick	69075	TDR 25m Intervals	549119.70	653004.87	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4939.81	No	No	No	No	No	Tile_26	NA
2799	Turbine Delivery Route Option 1	Limerick	69100	TDR 25m Intervals	549101.86	652987.35	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4957.27	No	No	No	No	No	Tile_26	NA
2800	Turbine Delivery Route Option 1	Limerick	69125	TDR 25m Intervals	549084.02	652969.84	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4974.79	No	No	No	No	No	Tile_26	NA
2801	Turbine Delivery Route Option 1	Limerick	69150	TDR 25m Intervals	549066.18	652952.33	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	4992.37	No	No	No	No	No	Tile_26	NA
2802	Turbine Delivery Route Option 1	Limerick	69175	TDR 25m Intervals	549048.34	652934.81	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5010.02	No	No	No	No	No	Tile_26	NA
2803	Turbine Delivery Route Option 1	Limerick	69200	TDR 25m Intervals	549030.50	652917.30	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5027.72	No	No	No	No	No	Tile_26	NA
2804	Turbine Delivery Route Option 1	Limerick	69225	TDR 25m Intervals	549012.66	652899.79	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5045.50	No	No	No	No	No	Tile_26	NA
2805	Turbine Delivery Route Option 1	Limerick	69250	TDR 25m Intervals	548994.67	652882.43	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5063.48	No	No	No	No	No	Tile_26	NA
2806	Turbine Delivery Route Option 1	Limerick	69275	TDR 25m Intervals	548976.65	652865.10	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5081.54	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2807	Turbine Delivery Route Option 1	Limerick	69300	TDR 25m Intervals	548958.64	652847.76	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5099.66	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2808	Turbine Delivery Route Option 1	Limerick	69325	TDR 25m Intervals	548940.62	652830.43	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5117.85	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2809	Turbine Delivery Route Option 1	Limerick		TDR_WCC_135	548942.14	652818.54	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5117.85	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2810	Turbine Delivery Route Option 1	Limerick	69350	TDR 25m Intervals	548922.60	652813.10	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5136.09	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2811	Turbine Delivery Route Option 1	Limerick	69375	TDR 25m Intervals	548904.59	652795.76	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5154.38	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2812	Turbine Delivery Route Option 1	Limerick	69400	TDR 25m Intervals	548886.57	652778.43	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5172.73	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2813	Turbine Delivery Route Option 1	Limerick	69425	TDR 25m Intervals	548868.56	652761.09	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5191.14	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2814	Turbine Delivery Route Option 1	Limerick	69450	TDR 25m Intervals	548850.55	652743.76	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5209.60	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2815	Turbine Delivery Route Option 1	Limerick	69475	TDR 25m Intervals	548832.53	652726.43	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5228.12	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2816	Turbine Delivery Route Option 1	Limerick	69500	TDR 25m Intervals	548814.52	652709.09	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5246.69	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2817	Turbine Delivery Route Option 1	Limerick	69525	TDR 25m Intervals	548796.50	652691.76	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5265.31	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2818	Turbine Delivery Route Option 1	Limerick	69550	TDR 25m Intervals	548778.48	652674.43	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5283.99	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2819	Turbine Delivery Route Option 1	Limerick	69575	TDR 25m Intervals	548760.47	652657.09	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5302.72	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2820	Turbine Delivery Route Option 1	Limerick	69600	TDR 25m Intervals	548742.45	652639.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5321.50	No	No	No	No	No	Tile_26	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2821	Turbine Delivery Route Option 1	Limerick	69625	TDR 25m Intervals	548724.44	652622.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5340.33	No	No	No	No	No	Tile_26	NA
2822	Turbine Delivery Route Option 1	Limerick	69650	TDR 25m Intervals	548706.43	652605.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5359.21	No	No	No	No	No	Tile_26	NA
2823	Turbine Delivery Route Option 1	Limerick	69675	TDR 25m Intervals	548688.41	652587.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5378.14	No	No	No	No	No	Tile_26	NA
2824	Turbine Delivery Route Option 1	Limerick	69700	TDR 25m Intervals	548670.40	652570.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5397.12	No	No	No	No	No	Tile_26	NA
2825	Turbine Delivery Route Option 1	Limerick	69725	TDR 25m Intervals	548652.38	652553.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5416.15	No	No	No	No	No	Tile_26	NA
2826	Turbine Delivery Route Option 1	Limerick	69750	TDR 25m Intervals	548634.36	652535.76	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5435.23	No	No	No	No	No	Tile_26	NA
2827	Turbine Delivery Route Option 1	Limerick	69775	TDR 25m Intervals	548616.35	652518.42	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5454.36	No	No	No	No	No	Tile_26	NA
2828	Turbine Delivery Route Option 1	Limerick	69800	TDR 25m Intervals	548598.33	652501.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5473.53	No	No	No	No	No	Tile_26	NA
2829	Turbine Delivery Route Option 1	Limerick	69825	TDR 25m Intervals	548580.32	652483.75	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5492.75	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2830	Turbine Delivery Route Option 1	Limerick	69850	TDR 25m Intervals	548562.31	652466.42	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5512.02	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2831	Turbine Delivery Route Option 1	Limerick	69875	TDR 25m Intervals	548543.74	652449.74	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5531.83	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2832	Turbine Delivery Route Option 1	Limerick		TDR_WCC_136	548546.34	652439.47	WCC		Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5531.83	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2833	Turbine Delivery Route Option 1	Limerick	69900	TDR 25m Intervals	548523.71	652434.77	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5553.00	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2834	Turbine Delivery Route Option 1	Limerick	69925	TDR 25m Intervals	548503.68	652419.81	NA	NA	Yes	BARNAKYLE_020	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5574.20	No	No	No	No	No	Tile_26	ELEVATED RISK Within SW Buffer Zone
2835	Turbine Delivery Route Option 1	Limerick	69950	TDR 25m Intervals	548483.65	652404.85	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5595.44	No	No	No	No	No	Tile_26	NA
2836	Turbine Delivery Route Option 1	Limerick	69975	TDR 25m Intervals	548463.62	652389.89	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5616.70	No	No	No	No	No	Tile_26	NA
2837	Turbine Delivery Route Option 1	Limerick	70000	TDR 25m Intervals	548442.33	652377.00	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5639.07	No	No	No	No	No	Tile_26	NA
2838	Turbine Delivery Route Option 1	Limerick	70025	TDR 25m Intervals	548419.86	652366.04	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5662.45	No	No	No	No	No	Tile_26	NA
2839	Turbine Delivery Route Option 1	Limerick	70050	TDR 25m Intervals	548397.39	652355.08	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5685.84	No	No	No	No	No	Tile_26	NA
2840	Turbine Delivery Route Option 1	Limerick	70075	TDR 25m Intervals	548374.92	652344.12	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5709.25	No	No	No	No	No	Tile_26	NA
2841	Turbine Delivery Route Option 1	Limerick	70100	TDR 25m Intervals	548352.39	652333.35	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5732.71	No	No	No	No	No	Tile_26	NA
2842	Turbine Delivery Route Option 1	Limerick	70125	TDR 25m Intervals	548327.91	652328.26	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5757.57	No	No	No	No	No	Tile_26	NA
2843	Turbine Delivery Route Option 1	Limerick	70150	TDR 25m Intervals	548303.43	652323.18	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5782.43	No	No	No	No	No	Tile_26	NA
2844	Turbine Delivery Route Option 1	Limerick	70175	TDR 25m Intervals	548278.96	652318.09	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5807.29	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2845	Turbine Delivery Route Option 1	Limerick	70200	TDR 25m Intervals	548254.46	652314.20	NA	NA	No	NA	BARNAKYLE_020	Ballynaclogh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5832.06	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2846	Turbine Delivery Route Option 1	Limerick	70225	TDR 25m Intervals	548229.80	652318.33	NA	NA	No	NA			Water	Water	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5856.20	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2847	Turbine Delivery Route Option 1	Limerick	70250	TDR 25m Intervals	548205.14	652322.46	NA	NA	No	NA			Water	Water	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5880.35	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2848	Turbine Delivery Route Option 1	Limerick	70275	TDR 25m Intervals	548180.48	652326.59	NA	NA	No	NA			Water	Water	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5904.50	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2849	Turbine Delivery Route Option 1	Limerick	70300	TDR 25m Intervals	548155.83	652330.71	NA	NA	No	NA			Water	Water	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5928.66	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2850	Turbine Delivery Route Option 1	Limerick	70325	TDR 25m Intervals	548131.17	652334.84	NA	NA	No	NA	KILMOREEN_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5952.83	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2851	Turbine Delivery Route Option 1	Limerick	70350	TDR 25m Intervals	548106.25	652336.26	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	5977.51	No	No	Lower River Shannc	River Shannon and	No	Tile_26	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2852	Turbine Delivery Route Option 1	Limerick	70375	TDR 25m Intervals	548081.26	652336.90	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6002.34	No	No	No	No	No	Tile_27	NA
2853	Turbine Delivery Route Option 1	Limerick	70400	TDR 25m Intervals	548056.27	652337.55	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6027.17	No	No	No	No	No	Tile_27	NA
2854	Turbine Delivery Route Option 1	Limerick	70425	TDR 25m Intervals	548031.28	652338.20	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6052.00	No	No	No	No	No	Tile_27	NA
2855	Turbine Delivery Route Option 1	Limerick	70450	TDR 25m Intervals	548006.29	652338.85	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6076.84	No	No	No	No	No	Tile_27	NA
2856	Turbine Delivery Route Option 1	Limerick	70475	TDR 25m Intervals	547981.30	652339.50	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6101.67	No	No	No	No	No	Tile_27	NA
2857	Turbine Delivery Route Option 1	Limerick	70500	TDR 25m Intervals	547956.30	652340.15	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6126.51	No	No	No	No	No	Tile_27	NA
2858	Turbine Delivery Route Option 1	Limerick	70525	TDR 25m Intervals	547931.31	652340.79	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6151.35	No	No	No	No	No	Tile_27	NA
2859	Turbine Delivery Route Option 1	Limerick	70550	TDR 25m Intervals	547906.63	652343.78	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6175.67	No	No	No	No	No	Tile_27	NA
2860	Turbine Delivery Route Option 1	Limerick	70575	TDR 25m Intervals	547882.36	652349.74	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6199.33	No	No	No	No	No	Tile_27	NA
2861	Turbine Delivery Route Option 1	Limerick	70600	TDR 25m Intervals	547858.08	652355.71	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6223.01	No	No	No	No	No	Tile_27	NA
2862	Turbine Delivery Route Option 1	Limerick	70625	TDR 25m Intervals	547833.80	652361.68	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6246.70	No	No	No	No	No	Tile_27	NA
2863	Turbine Delivery Route Option 1	Limerick	70650	TDR 25m Intervals	547809.52	652367.64	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6270.39	No	No	No	No	No	Tile_27	NA
2864	Turbine Delivery Route Option 1	Limerick	70675	TDR 25m Intervals	547785.25	652373.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6294.10	No	No	No	River Shannon and	No	Tile_27	ELEVATED RISK Within River Shannon and River Fergus Estuaries SPA
2865	Turbine Delivery Route Option 1	Limerick	70700	TDR 25m Intervals	547760.97	652379.58	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6317.82	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2866	Turbine Delivery Route Option 1	Limerick	70725	TDR 25m Intervals	547736.69	652385.54	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6341.55	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2867	Turbine Delivery Route Option 1	Limerick	70750	TDR 25m Intervals	547712.41	652391.51	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6365.28	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2868	Turbine Delivery Route Option 1	Limerick	70775	TDR 25m Intervals	547688.14	652397.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6389.03	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2869	Turbine Delivery Route Option 1	Limerick	70800	TDR 25m Intervals	547663.86	652403.44	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6412.79	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2870	Turbine Delivery Route Option 1	Limerick	70825	TDR 25m Intervals	547639.64	652409.63	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6436.48	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2871	Turbine Delivery Route Option 1	Limerick	70850	TDR 25m Intervals	547615.65	652416.67	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6459.89	No	No	Lower River Shannc	River Shannon and	No	Tile_27	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
2872	Turbine Delivery Route Option 1	Limerick	70875	TDR 25m Intervals	547591.66	652423.71	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6483.31	No	No	No	No	No	Tile_27	NA
2873	Turbine Delivery Route Option 1	Limerick	70900	TDR 25m Intervals	547567.67	652430.74	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6506.74	No	No	No	No	No	Tile_27	NA
2874	Turbine Delivery Route Option 1	Limerick	70925	TDR 25m Intervals	547543.69	652437.78	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6530.19	No	No	No	No	No	Tile_27	NA
2875	Turbine Delivery Route Option 1	Limerick	70950	TDR 25m Intervals	547519.70	652444.82	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6553.64	No	No	No	No	No	Tile_27	NA
2876	Turbine Delivery Route Option 1	Limerick	70975	TDR 25m Intervals	547495.71	652451.85	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6577.11	No	No	No	No	No	Tile_27	NA
2877	Turbine Delivery Route Option 1	Limerick	71000	TDR 25m Intervals	547471.72	652458.89	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6600.59	No	No	No	No	No	Tile_27	NA
2878	Turbine Delivery Route Option 1	Limerick	71025	TDR 25m Intervals	547447.73	652465.93	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6624.08	No	No	No	No	No	Tile_27	NA
2879	Turbine Delivery Route Option 1	Limerick	71050	TDR 25m Intervals	547423.74	652472.97	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6647.58	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within GW Buffer Zone
2880	Turbine Delivery Route Option 1	Limerick	71075	TDR 25m Intervals	547399.75	652480.00	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6671.09	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within GW Buffer Zone
2881	Turbine Delivery Route Option 1	Limerick	71100	TDR 25m Intervals	547375.76	652487.04	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6694.62	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within GW Buffer Zone
2882	Turbine Delivery Route Option 1	Limerick	71125	TDR 25m Intervals	547351.77	652494.08	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Lm) Locally Important Aquifer - Bedrock which is Generally Moderately Productive	NA	NA	6718.15	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within GW Buffer Zone
2883	Turbine Delivery Route Option 1	Limerick	71150	TDR 25m Intervals	547327.78	652501.12	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6741.69	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2884	Turbine Delivery Route Option 1	Limerick	71175	TDR 25m Intervals	547303.23	652503.88	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6766.05	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2885	Turbine Delivery Route Option 1	Limerick	71200	TDR 25m Intervals	547278.23	652503.33	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6791.04	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2886	Turbine Delivery Route Option 1	Limerick	71225	TDR 25m Intervals	547253.24	652502.78	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6816.03	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2887	Turbine Delivery Route Option 1	Limerick	71250	TDR 25m Intervals	547228.25	652502.22	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6841.02	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2888	Turbine Delivery Route Option 1	Limerick	71275	TDR 25m Intervals	547203.25	652501.67	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6866.01	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2889	Turbine Delivery Route Option 1	Limerick	71300	TDR 25m Intervals	547178.26	652501.12	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6891.00	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2890	Turbine Delivery Route Option 1	Limerick	71325	TDR 25m Intervals	547153.26	652500.57	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6915.99	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2891	Turbine Delivery Route Option 1	Limerick	71350	TDR 25m Intervals	547128.27	652500.02	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6940.98	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2892	Turbine Delivery Route Option 1	Limerick	71375	TDR 25m Intervals	547103.28	652499.47	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6965.97	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2893	Turbine Delivery Route Option 1	Limerick		TDR_WCC_137	547085.79	652489.64	WCC		Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6965.97	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2894	Turbine Delivery Route Option 1	Limerick	71400	TDR 25m Intervals	547078.28	652498.92	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6990.96	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2895	Turbine Delivery Route Option 1	Limerick	71425	TDR 25m Intervals	547053.29	652498.37	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7015.95	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2896	Turbine Delivery Route Option 1	Limerick	71450	TDR 25m Intervals	547028.30	652497.82	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7040.94	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2897	Turbine Delivery Route Option 1	Limerick	71475	TDR 25m Intervals	547003.30	652497.26	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7065.93	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2898	Turbine Delivery Route Option 1	Limerick	71500	TDR 25m Intervals	546978.31	652496.71	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7090.92	No	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
2899	Turbine Delivery Route Option 1	Limerick	71525	TDR 25m Intervals	546953.31	652496.16	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7115.91	No	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
2900	Turbine Delivery Route Option 1	Limerick	71550	TDR 25m Intervals	546928.32	652495.61	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7140.90	No	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
2901	Turbine Delivery Route Option 1	Limerick	71575	TDR 25m Intervals	546903.32	652495.06	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7165.89	No	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
2902	Turbine Delivery Route Option 1	Limerick	71600	TDR 25m Intervals	546878.33	652494.51	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7190.88	No	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
2903	Turbine Delivery Route Option 1	Limerick	71625	TDR 25m Intervals	546853.34	652493.96	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7215.87	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2904	Turbine Delivery Route Option 1	Limerick	71650	TDR 25m Intervals	546828.34	652493.41	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7240.86	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2905	Turbine Delivery Route Option 1	Limerick	71675	TDR 25m Intervals	546803.35	652492.85	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7265.85	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2906	Turbine Delivery Route Option 1	Limerick	71700	TDR 25m Intervals	546778.36	652492.30	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7290.84	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2907	Turbine Delivery Route Option 1	Limerick	71725	TDR 25m Intervals	546753.36	652491.75	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7315.83	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2908	Turbine Delivery Route Option 1	Limerick	71750	TDR 25m Intervals	546728.37	652491.27	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7340.82	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2909	Turbine Delivery Route Option 1	Limerick	71775	TDR 25m Intervals	546703.38	652492.10	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7365.72	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2910	Turbine Delivery Route Option 1	Limerick	71800	TDR 25m Intervals	546678.40	652492.94	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7390.63	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer
2911	Turbine Delivery Route Option 1	Limerick	71825	TDR 25m Intervals	546653.41	652493.77	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7415.54	No	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2912	Turbine Delivery Route Option 1	Limerick	71850	TDR 25m Intervals	546628.42	652494.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7440.45	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2913	Turbine Delivery Route Option 1	Limerick	71875	TDR 25m Intervals	546603.44	652495.44	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7465.36	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2914	Turbine Delivery Route Option 1	Limerick	71900	TDR 25m Intervals	546578.45	652496.28	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7490.28	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2915	Turbine Delivery Route Option 1	Limerick	71925	TDR 25m Intervals	546553.47	652497.11	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7515.19	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2916	Turbine Delivery Route Option 1	Limerick	71950	TDR 25m Intervals	546528.48	652497.95	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7540.10	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2917	Turbine Delivery Route Option 1	Limerick	71975	TDR 25m Intervals	546503.49	652498.78	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7565.01	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2918	Turbine Delivery Route Option 1	Limerick	72000	TDR 25m Intervals	546478.51	652499.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7589.93	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2919	Turbine Delivery Route Option 1	Limerick	72025	TDR 25m Intervals	546453.52	652500.45	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7614.84	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2920	Turbine Delivery Route Option 1	Limerick	72050	TDR 25m Intervals	546428.54	652501.29	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7639.76	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2921	Turbine Delivery Route Option 1	Limerick	72075	TDR 25m Intervals	546403.55	652502.12	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Low (L)	>10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7664.67	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2922	Turbine Delivery Route Option 1	Limerick	72100	TDR 25m Intervals	546378.56	652502.95	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7689.59	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2923	Turbine Delivery Route Option 1	Limerick	72125	TDR 25m Intervals	546353.58	652503.79	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Moderate (M)	5 to 10m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7714.51	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2924	Turbine Delivery Route Option 1	Limerick	72150	TDR 25m Intervals	546328.59	652504.62	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7739.42	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2925	Turbine Delivery Route Option 1	Limerick	72175	TDR 25m Intervals	546303.60	652505.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7764.34	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2926	Turbine Delivery Route Option 1	Limerick	72200	TDR 25m Intervals	546278.62	652506.29	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7789.26	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2927	Turbine Delivery Route Option 1	Limerick	72225	TDR 25m Intervals	546253.63	652507.13	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7814.18	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2928	Turbine Delivery Route Option 1	Limerick	72250	TDR 25m Intervals	546228.65	652507.96	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7839.10	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2929	Turbine Delivery Route Option 1	Limerick	72275	TDR 25m Intervals	546203.66	652508.80	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7864.02	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2930	Turbine Delivery Route Option 1	Limerick	72300	TDR 25m Intervals	546178.68	652509.63	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7888.94	Yes	No	No	No	No	Tile_27	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2931	Turbine Delivery Route Option 1	Limerick	72325	TDR 25m Intervals	546153.71	652510.89	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7913.82	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2932	Turbine Delivery Route Option 1	Limerick	72350	TDR 25m Intervals	546128.74	652512.17	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7938.70	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2933	Turbine Delivery Route Option 1	Limerick	72375	TDR 25m Intervals	546103.77	652513.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7963.59	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2934	Turbine Delivery Route Option 1	Limerick	72400	TDR 25m Intervals	546078.81	652514.75	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7988.47	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2935	Turbine Delivery Route Option 1	Limerick	72425	TDR 25m Intervals	546053.84	652516.04	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8013.35	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2936	Turbine Delivery Route Option 1	Limerick	72450	TDR 25m Intervals	546028.87	652517.33	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8038.24	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2937	Turbine Delivery Route Option 1	Limerick	72475	TDR 25m Intervals	546003.91	652518.62	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8063.12	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2938	Turbine Delivery Route Option 1	Limerick	72500	TDR 25m Intervals	545978.94	652519.91	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8088.01	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2939	Turbine Delivery Route Option 1	Limerick	72525	TDR 25m Intervals	545954.63	652525.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8112.05	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2940	Turbine Delivery Route Option 1	Limerick	72550	TDR 25m Intervals	545930.41	652531.70	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8135.97	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2941	Turbine Delivery Route Option 1	Limerick	72575	TDR 25m Intervals	545906.20	652537.92	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8159.89	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2942	Turbine Delivery Route Option 1	Limerick	72600	TDR 25m Intervals	545881.98	652544.13	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8183.82	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2943	Turbine Delivery Route Option 1	Limerick	72625	TDR 25m Intervals	545857.77	652550.35	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8207.76	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2944	Turbine Delivery Route Option 1	Limerick	72650	TDR 25m Intervals	545833.55	652556.57	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8231.71	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2945	Turbine Delivery Route Option 1	Limerick	72675	TDR 25m Intervals	545809.34	652562.79	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8255.66	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2946	Turbine Delivery Route Option 1	Limerick	72700	TDR 25m Intervals	545785.13	652569.00	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8279.62	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2947	Turbine Delivery Route Option 1	Limerick	72725	TDR 25m Intervals	545760.91	652575.22	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8303.58	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2948	Turbine Delivery Route Option 1	Limerick	72750	TDR 25m Intervals	545736.70	652581.44	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8327.55	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2949	Turbine Delivery Route Option 1	Limerick	72775	TDR 25m Intervals	545712.48	652587.66	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8351.53	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2950	Turbine Delivery Route Option 1	Limerick	72800	TDR 25m Intervals	545688.27	652593.88	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8375.51	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2951	Turbine Delivery Route Option 1	Limerick	72825	TDR 25m Intervals	545664.05	652600.09	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8399.50	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2952	Turbine Delivery Route Option 1	Limerick	72850	TDR 25m Intervals	545639.84	652606.31	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8423.49	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2953	Turbine Delivery Route Option 1	Limerick	72875	TDR 25m Intervals	545615.62	652612.53	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8447.49	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2954	Turbine Delivery Route Option 1	Limerick	72900	TDR 25m Intervals	545591.41	652618.74	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8471.50	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2955	Turbine Delivery Route Option 1	Limerick	72925	TDR 25m Intervals	545567.19	652624.96	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8495.51	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2956	Turbine Delivery Route Option 1	Limerick	72950	TDR 25m Intervals	545542.98	652631.18	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8519.52	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2957	Turbine Delivery Route Option 1	Limerick	72975	TDR 25m Intervals	545518.77	652637.40	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8543.55	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2958	Turbine Delivery Route Option 1	Limerick	73000	TDR 25m Intervals	545494.55	652643.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8567.57	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2959	Turbine Delivery Route Option 1	Limerick	73025	TDR 25m Intervals	545470.34	652649.83	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8591.61	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2960	Turbine Delivery Route Option 1	Limerick	73050	TDR 25m Intervals	545446.12	652656.05	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8615.65	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2961	Turbine Delivery Route Option 1	Limerick	73075	TDR 25m Intervals	545421.91	652662.27	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8639.69	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2962	Turbine Delivery Route Option 1	Limerick	73100	TDR 25m Intervals	545397.69	652668.49	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8663.74	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2963	Turbine Delivery Route Option 1	Limerick	73125	TDR 25m Intervals	545373.82	652675.91	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8687.42	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2964	Turbine Delivery Route Option 1	Limerick	73150	TDR 25m Intervals	545350.01	652683.53	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8711.05	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2965	Turbine Delivery Route Option 1	Limerick	73175	TDR 25m Intervals	545326.20	652691.14	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8734.68	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2966	Turbine Delivery Route Option 1	Limerick	73200	TDR 25m Intervals	545302.39	652698.76	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8758.32	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2967	Turbine Delivery Route Option 1	Limerick	73225	TDR 25m Intervals	545278.58	652706.38	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8781.97	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2968	Turbine Delivery Route Option 1	Limerick	73250	TDR 25m Intervals	545254.77	652714.00	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8805.63	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2969	Turbine Delivery Route Option 1	Limerick	73275	TDR 25m Intervals	545230.96	652721.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8829.29	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2970	Turbine Delivery Route Option 1	Limerick	73300	TDR 25m Intervals	545207.15	652729.23	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8852.96	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2971	Turbine Delivery Route Option 1	Limerick	73325	TDR 25m Intervals	545183.34	652736.85	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8876.64	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2972	Turbine Delivery Route Option 1	Limerick	73350	TDR 25m Intervals	545159.78	652745.16	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8900.06	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2973	Turbine Delivery Route Option 1	Limerick	73375	TDR 25m Intervals	545136.72	652754.81	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8922.97	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2974	Turbine Delivery Route Option 1	Limerick	73400	TDR 25m Intervals	545113.66	652764.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8945.90	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2975	Turbine Delivery Route Option 1	Limerick	73425	TDR 25m Intervals	545090.59	652774.11	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8968.83	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2976	Turbine Delivery Route Option 1	Limerick	73450	TDR 25m Intervals	545067.53	652783.76	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8991.78	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2977	Turbine Delivery Route Option 1	Limerick	73475	TDR 25m Intervals	545044.47	652793.41	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9014.74	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2978	Turbine Delivery Route Option 1	Limerick	73500	TDR 25m Intervals	545021.57	652803.43	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9037.54	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2979	Turbine Delivery Route Option 1	Limerick	73525	TDR 25m Intervals	544997.91	652811.43	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9061.13	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2980	Turbine Delivery Route Option 1	Limerick	73550	TDR 25m Intervals	544973.33	652815.87	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9085.68	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2981	Turbine Delivery Route Option 1	Limerick	73575	TDR 25m Intervals	544948.37	652816.67	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9110.64	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2982	Turbine Delivery Route Option 1	Limerick	73600	TDR 25m Intervals	544923.56	652813.79	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9135.47	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2983	Turbine Delivery Route Option 1	Limerick	73625	TDR 25m Intervals	544899.58	652806.85	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9159.51	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2984	Turbine Delivery Route Option 1	Limerick	73650	TDR 25m Intervals	544875.91	652798.81	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9183.26	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2985	Turbine Delivery Route Option 1	Limerick	73675	TDR 25m Intervals	544852.24	652790.76	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9207.01	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2986	Turbine Delivery Route Option 1	Limerick	73700	TDR 25m Intervals	544828.57	652782.71	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9230.77	Yes	No	No	No	No	Tile_27	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2987	Turbine Delivery Route Option 1	Limerick	73725	TDR 25m Intervals	544804.90	652774.67	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9254.54	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2988	Turbine Delivery Route Option 1	Limerick	73750	TDR 25m Intervals	544781.23	652766.62	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9278.31	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2989	Turbine Delivery Route Option 1	Limerick	73775	TDR 25m Intervals	544757.56	652758.57	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9302.09	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2990	Turbine Delivery Route Option 1	Limerick	73800	TDR 25m Intervals	544733.89	652750.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9325.87	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2991	Turbine Delivery Route Option 1	Limerick	73825	TDR 25m Intervals	544710.22	652742.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9349.67	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2992	Turbine Delivery Route Option 1	Limerick	73850	TDR 25m Intervals	544686.55	652734.43	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9373.46	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2993	Turbine Delivery Route Option 1	Limerick	73875	TDR 25m Intervals	544662.88	652726.38	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9397.27	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2994	Turbine Delivery Route Option 1	Limerick	73900	TDR 25m Intervals	544639.22	652718.31	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9421.07	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2995	Turbine Delivery Route Option 1	Limerick	73925	TDR 25m Intervals	544615.67	652709.96	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9444.78	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
2996	Turbine Delivery Route Option 1	Limerick	73950	TDR 25m Intervals	544591.51	652703.55	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9469.06	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2997	Turbine Delivery Route Option 1	Limerick	73975	TDR 25m Intervals	544566.89	652699.29	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9493.76	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2998	Turbine Delivery Route Option 1	Limerick	74000	TDR 25m Intervals	544541.99	652697.06	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9518.70	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
2999	Turbine Delivery Route Option 1	Limerick		TDR_WCC_138	544527.03	652690.33	WCC		Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9518.70	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3000	Turbine Delivery Route Option 1	Limerick	74025	TDR 25m Intervals	544517.00	652697.01	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9543.69	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3001	Turbine Delivery Route Option 1	Limerick	74050	TDR 25m Intervals	544492.09	652699.01	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9568.56	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3002	Turbine Delivery Route Option 1	Limerick	74075	TDR 25m Intervals	544467.45	652703.16	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9593.12	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3003	Turbine Delivery Route Option 1	Limerick	74100	TDR 25m Intervals	544443.23	652709.35	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9617.22	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3004	Turbine Delivery Route Option 1	Limerick	74125	TDR 25m Intervals	544419.64	652717.59	NA	NA	Yes	TONLEGEE_010	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9640.66	Yes	No	No	No	No	Tile_28	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3005	Turbine Delivery Route Option 1	Limerick	74150	TDR 25m Intervals	544396.27	652726.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9663.88	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3006	Turbine Delivery Route Option 1	Limerick	74175	TDR 25m Intervals	544372.83	652735.15	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9687.18	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3007	Turbine Delivery Route Option 1	Limerick	74200	TDR 25m Intervals	544349.39	652743.83	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9710.49	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3008	Turbine Delivery Route Option 1	Limerick	74225	TDR 25m Intervals	544325.94	652752.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9733.81	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3009	Turbine Delivery Route Option 1	Limerick	74250	TDR 25m Intervals	544302.50	652761.20	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9757.14	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3010	Turbine Delivery Route Option 1	Limerick	74275	TDR 25m Intervals	544279.06	652769.89	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9780.47	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3011	Turbine Delivery Route Option 1	Limerick	74300	TDR 25m Intervals	544255.61	652778.57	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9803.82	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3012	Turbine Delivery Route Option 1	Limerick	74325	TDR 25m Intervals	544232.17	652787.26	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9827.17	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3013	Turbine Delivery Route Option 1	Limerick	74350	TDR 25m Intervals	544208.73	652795.94	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9850.53	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3014	Turbine Delivery Route Option 1	Limerick	74375	TDR 25m Intervals	544185.29	652804.63	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9873.90	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3015	Turbine Delivery Route Option 1	Limerick	74400	TDR 25m Intervals	544161.84	652813.31	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9897.28	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3016	Turbine Delivery Route Option 1	Limerick	74425	TDR 25m Intervals	544138.40	652822.00	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9920.66	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3017	Turbine Delivery Route Option 1	Limerick	74450	TDR 25m Intervals	544114.96	652830.68	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9944.05	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3018	Turbine Delivery Route Option 1	Limerick	74475	TDR 25m Intervals	544091.51	652839.37	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9967.45	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3019	Turbine Delivery Route Option 1	Limerick	74500	TDR 25m Intervals	544068.07	652848.05	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9990.86	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3020	Turbine Delivery Route Option 1	Limerick	74525	TDR 25m Intervals	544044.63	652856.74	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10014.28	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3021	Turbine Delivery Route Option 1	Limerick	74550	TDR 25m Intervals	544021.20	652865.45	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10037.69	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3022	Turbine Delivery Route Option 1	Limerick	74575	TDR 25m Intervals	543999.89	652878.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10058.98	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3023	Turbine Delivery Route Option 1	Limerick	74600	TDR 25m Intervals	543978.58	652891.60	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10080.28	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3024	Turbine Delivery Route Option 1	Limerick	74625	TDR 25m Intervals	543957.27	652904.68	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10101.61	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3025	Turbine Delivery Route Option 1	Limerick	74650	TDR 25m Intervals	543937.48	652919.82	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10121.44	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3026	Turbine Delivery Route Option 1	Limerick	74675	TDR 25m Intervals	543918.53	652936.13	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10140.46	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3027	Turbine Delivery Route Option 1	Limerick	74700	TDR 25m Intervals	543899.58	652952.44	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10159.50	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3028	Turbine Delivery Route Option 1	Limerick	74725	TDR 25m Intervals	543880.63	652968.74	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10178.57	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3029	Turbine Delivery Route Option 1	Limerick	74750	TDR 25m Intervals	543862.25	652985.62	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10197.10	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3030	Turbine Delivery Route Option 1	Limerick	74775	TDR 25m Intervals	543845.96	653004.59	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10213.59	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3031	Turbine Delivery Route Option 1	Limerick	74800	TDR 25m Intervals	543829.67	653023.55	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10230.11	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3032	Turbine Delivery Route Option 1	Limerick	74825	TDR 25m Intervals	543813.39	653042.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10246.67	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3033	Turbine Delivery Route Option 1	Limerick	74850	TDR 25m Intervals	543797.10	653061.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10263.26	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3034	Turbine Delivery Route Option 1	Limerick	74875	TDR 25m Intervals	543780.81	653080.45	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10279.89	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3035	Turbine Delivery Route Option 1	Limerick	74900	TDR 25m Intervals	543764.52	653099.42	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10296.55	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3036	Turbine Delivery Route Option 1	Limerick	74925	TDR 25m Intervals	543748.24	653118.38	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10313.24	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3037	Turbine Delivery Route Option 1	Limerick	74950	TDR 25m Intervals	543730.85	653136.21	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10331.04	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3038	Turbine Delivery Route Option 1	Limerick	74975	TDR 25m Intervals	543711.21	653151.66	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10351.06	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3039	Turbine Delivery Route Option 1	Limerick	75000	TDR 25m Intervals	543691.56	653167.12	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10371.12	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3040	Turbine Delivery Route Option 1	Limerick	75025	TDR 25m Intervals	543671.91	653182.58	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10391.19	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3041	Turbine Delivery Route Option 1	Limerick	75050	TDR 25m Intervals	543652.26	653198.04	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10411.28	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3042	Turbine Delivery Route Option 1	Limerick	75075	TDR 25m Intervals	543632.50	653213.31	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10431.50	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3043	Turbine Delivery Route Option 1	Limerick	75100	TDR 25m Intervals	543609.62	653223.38	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10454.69	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3044	Turbine Delivery Route Option 1	Limerick	75125	TDR 25m Intervals	543586.74	653233.45	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10477.89	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3045	Turbine Delivery Route Option 1	Limerick	75150	TDR 25m Intervals	543563.85	653243.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10501.10	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3046	Turbine Delivery Route Option 1	Limerick	75175	TDR 25m Intervals	543540.97	653253.60	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10524.32	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3047	Turbine Delivery Route Option 1	Limerick	75200	TDR 25m Intervals	543517.88	653262.90	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10547.73	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3048	Turbine Delivery Route Option 1	Limerick	75225	TDR 25m Intervals	543493.08	653266.04	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10572.63	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3049	Turbine Delivery Route Option 1	Limerick	75250	TDR 25m Intervals	543468.28	653269.19	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10597.53	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3050	Turbine Delivery Route Option 1	Limerick	75275	TDR 25m Intervals	543443.47	653272.33	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10622.43	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3051	Turbine Delivery Route Option 1	Limerick	75300	TDR 25m Intervals	543418.67	653275.47	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10647.34	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3052	Turbine Delivery Route Option 1	Limerick	75325	TDR 25m Intervals	543393.87	653278.61	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10672.24	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3053	Turbine Delivery Route Option 1	Limerick	75350	TDR 25m Intervals	543369.07	653281.76	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10697.15	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3054	Turbine Delivery Route Option 1	Limerick	75375	TDR 25m Intervals	543344.27	653284.90	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10722.05	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3055	Turbine Delivery Route Option 1	Limerick	75400	TDR 25m Intervals	543319.30	653285.45	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10747.02	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3056	Turbine Delivery Route Option 1	Limerick	75425	TDR 25m Intervals	543294.30	653285.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10772.01	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3057	Turbine Delivery Route Option 1	Limerick	75450	TDR 25m Intervals	543269.30	653285.46	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10797.00	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3058	Turbine Delivery Route Option 1	Limerick	75475	TDR 25m Intervals	543244.30	653285.47	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10821.98	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3059	Turbine Delivery Route Option 1	Limerick	75500	TDR 25m Intervals	543219.30	653285.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10846.97	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3060	Turbine Delivery Route Option 1	Limerick	75525	TDR 25m Intervals	543194.30	653285.48	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10871.96	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3061	Turbine Delivery Route Option 1	Limerick	75550	TDR 25m Intervals	543169.30	653285.49	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10896.94	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3062	Turbine Delivery Route Option 1	Limerick	75575	TDR 25m Intervals	543144.30	653285.49	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10921.93	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3063	Turbine Delivery Route Option 1	Limerick	75600	TDR 25m Intervals	543119.37	653285.11	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10946.84	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3064	Turbine Delivery Route Option 1	Limerick	75625	TDR 25m Intervals	543095.65	653277.20	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10970.26	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3065	Turbine Delivery Route Option 1	Limerick	75650	TDR 25m Intervals	543071.94	653269.29	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10993.69	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3066	Turbine Delivery Route Option 1	Limerick	75675	TDR 25m Intervals	543048.22	653261.38	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11017.12	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3067	Turbine Delivery Route Option 1	Limerick	75700	TDR 25m Intervals	543026.07	653250.77	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11038.91	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3068	Turbine Delivery Route Option 1	Limerick	75725	TDR 25m Intervals	543007.40	653234.14	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11057.04	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3069	Turbine Delivery Route Option 1	Limerick	75750	TDR 25m Intervals	542988.72	653217.52	NA	NA	No	NA	TONLEGEE_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11075.20	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3070	Turbine Delivery Route Option 1	Limerick	75775	TDR 25m Intervals	542970.05	653200.90	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11093.38	Yes	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3071	Turbine Delivery Route Option 1	Limerick	75800	TDR 25m Intervals	542951.38	653184.27	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11111.59	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3072	Turbine Delivery Route Option 1	Limerick	75825	TDR 25m Intervals	542932.71	653167.65	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11129.83	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3073	Turbine Delivery Route Option 1	Limerick	75850	TDR 25m Intervals	542914.04	653151.02	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11148.09	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3074	Turbine Delivery Route Option 1	Limerick	75875	TDR 25m Intervals	542895.36	653134.40	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11166.38	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3075	Turbine Delivery Route Option 1	Limerick	75900	TDR 25m Intervals	542876.52	653117.99	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11184.87	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3076	Turbine Delivery Route Option 1	Limerick	75925	TDR 25m Intervals	542855.87	653103.91	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11205.24	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3077	Turbine Delivery Route Option 1	Limerick	75950	TDR 25m Intervals	542835.22	653089.82	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11225.63	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3078	Turbine Delivery Route Option 1	Limerick	75975	TDR 25m Intervals	542814.56	653075.73	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11246.04	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3079	Turbine Delivery Route Option 1	Limerick	76000	TDR 25m Intervals	542793.91	653061.65	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11266.47	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3080	Turbine Delivery Route Option 1	Limerick	76025	TDR 25m Intervals	542773.25	653047.56	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11286.91	Yes	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3081	Turbine Delivery Route Option 1	Limerick	76050	TDR 25m Intervals	542752.60	653033.48	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11307.38	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3082	Turbine Delivery Route Option 1	Limerick	76075	TDR 25m Intervals	542731.94	653019.39	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11296.26	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3083	Turbine Delivery Route Option 1	Limerick	76100	TDR 25m Intervals	542711.29	653005.31	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11273.70	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3084	Turbine Delivery Route Option 1	Limerick	76125	TDR 25m Intervals	542690.64	652991.22	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11251.14	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3085	Turbine Delivery Route Option 1	Limerick	76150	TDR 25m Intervals	542669.98	652977.13	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11228.60	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3086	Turbine Delivery Route Option 1	Limerick	76175	TDR 25m Intervals	542649.33	652963.05	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11206.07	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3087	Turbine Delivery Route Option 1	Limerick	76200	TDR 25m Intervals	542628.68	652948.96	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11183.54	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3088	Turbine Delivery Route Option 1	Limerick	76225	TDR 25m Intervals	542608.02	652934.88	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11161.03	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3089	Turbine Delivery Route Option 1	Limerick	76250	TDR 25m Intervals	542587.37	652920.79	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11138.53	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3090	Turbine Delivery Route Option 1	Limerick	76275	TDR 25m Intervals	542566.71	652906.70	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11116.04	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3091	Turbine Delivery Route Option 1	Limerick	76300	TDR 25m Intervals	542545.38	652893.68	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11093.04	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3092	Turbine Delivery Route Option 1	Limerick	76325	TDR 25m Intervals	542523.97	652880.77	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11069.99	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3093	Turbine Delivery Route Option 1	Limerick	76350	TDR 25m Intervals	542502.56	652867.87	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11046.94	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3094	Turbine Delivery Route Option 1	Limerick	76375	TDR 25m Intervals	542481.14	652854.97	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11023.91	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3095	Turbine Delivery Route Option 1	Limerick	76400	TDR 25m Intervals	542459.73	652842.06	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	11000.88	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3096	Turbine Delivery Route Option 1	Limerick	76425	TDR 25m Intervals	542438.32	652829.16	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10977.86	No	No	No	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer
3097	Turbine Delivery Route Option 1	Limerick	76450	TDR 25m Intervals	542416.90	652816.26	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10954.86	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3098	Turbine Delivery Route Option 1	Limerick	76475	TDR 25m Intervals	542395.49	652803.36	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10931.85	No	No	Askeaton Fen Comp	No	No	Tile_28	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3099	Turbine Delivery Route Option 1	Limerick	76500	TDR 25m Intervals	542374.08	652790.45	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10908.86	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3100	Turbine Delivery Route Option 1	Limerick	76525	TDR 25m Intervals	542352.66	652777.55	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10885.88	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3101	Turbine Delivery Route Option 1	Limerick	76550	TDR 25m Intervals	542331.25	652764.65	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10862.91	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3102	Turbine Delivery Route Option 1	Limerick	76575	TDR 25m Intervals	542309.84	652751.74	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10839.94	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3103	Turbine Delivery Route Option 1	Limerick	76600	TDR 25m Intervals	542288.43	652738.84	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10816.99	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3104	Turbine Delivery Route Option 1	Limerick	76625	TDR 25m Intervals	542267.01	652725.94	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10794.04	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3105	Turbine Delivery Route Option 1	Limerick	76650	TDR 25m Intervals	542245.60	652713.04	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10771.10	No	No	Askeaton Fen Comp	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3106	Turbine Delivery Route Option 1	Limerick	76675	TDR 25m Intervals	542222.72	652703.01	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10747.10	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3107	Turbine Delivery Route Option 1	Limerick	76700	TDR 25m Intervals	542199.69	652693.28	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10722.99	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3108	Turbine Delivery Route Option 1	Limerick	76725	TDR 25m Intervals	542176.66	652683.55	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10698.89	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3109	Turbine Delivery Route Option 1	Limerick	76750	TDR 25m Intervals	542153.64	652673.82	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10674.79	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3110	Turbine Delivery Route Option 1	Limerick	76775	TDR 25m Intervals	542130.61	652664.08	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10650.69	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3111	Turbine Delivery Route Option 1	Limerick	76800	TDR 25m Intervals	542107.58	652654.35	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10626.60	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3112	Turbine Delivery Route Option 1	Limerick	76825	TDR 25m Intervals	542084.55	652644.62	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10602.51	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3113	Turbine Delivery Route Option 1	Limerick	76850	TDR 25m Intervals	542061.52	652634.89	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10578.43	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3114	Turbine Delivery Route Option 1	Limerick	76875	TDR 25m Intervals	542038.49	652625.16	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10554.35	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3115	Turbine Delivery Route Option 1	Limerick	76900	TDR 25m Intervals	542015.47	652615.43	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10530.27	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3116	Turbine Delivery Route Option 1	Limerick	76925	TDR 25m Intervals	541992.44	652605.69	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10506.20	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3117	Turbine Delivery Route Option 1	Limerick	76950	TDR 25m Intervals	541969.41	652595.96	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10482.13	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3118	Turbine Delivery Route Option 1	Limerick	76975	TDR 25m Intervals	541946.38	652586.23	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10458.07	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3119	Turbine Delivery Route Option 1	Limerick	77000	TDR 25m Intervals	541922.87	652577.79	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10433.69	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3120	Turbine Delivery Route Option 1	Limerick	77025	TDR 25m Intervals	541899.14	652569.92	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10409.17	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3121	Turbine Delivery Route Option 1	Limerick	77050	TDR 25m Intervals	541875.41	652562.05	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10384.65	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3122	Turbine Delivery Route Option 1	Limerick	77075	TDR 25m Intervals	541851.68	652554.18	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10360.14	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3123	Turbine Delivery Route Option 1	Limerick	77100	TDR 25m Intervals	541827.95	652546.31	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10335.62	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3124	Turbine Delivery Route Option 1	Limerick	77125	TDR 25m Intervals	541804.22	652538.44	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10311.11	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3125	Turbine Delivery Route Option 1	Limerick	77150	TDR 25m Intervals	541780.49	652530.57	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10286.60	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3126	Turbine Delivery Route Option 1	Limerick	77175	TDR 25m Intervals	541756.77	652522.70	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10262.09	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3127	Turbine Delivery Route Option 1	Limerick	77200	TDR 25m Intervals	541733.04	652514.83	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10237.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3128	Turbine Delivery Route Option 1	Limerick	77225	TDR 25m Intervals	541709.31	652506.97	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10213.09	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3129	Turbine Delivery Route Option 1	Limerick	77250	TDR 25m Intervals	541685.58	652499.10	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10188.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3130	Turbine Delivery Route Option 1	Limerick	77275	TDR 25m Intervals	541661.85	652491.23	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10164.09	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3131	Turbine Delivery Route Option 1	Limerick	77300	TDR 25m Intervals	541638.12	652483.36	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10139.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3132	Turbine Delivery Route Option 1	Limerick	77325	TDR 25m Intervals	541614.39	652475.49	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10115.10	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3133	Turbine Delivery Route Option 1	Limerick	77350	TDR 25m Intervals	541590.66	652467.62	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10090.61	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3134	Turbine Delivery Route Option 1	Limerick	77375	TDR 25m Intervals	541566.93	652459.75	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10066.12	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3135	Turbine Delivery Route Option 1	Limerick	77400	TDR 25m Intervals	541543.20	652451.88	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10041.64	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3136	Turbine Delivery Route Option 1	Limerick	77425	TDR 25m Intervals	541519.47	652444.02	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	10017.16	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3137	Turbine Delivery Route Option 1	Limerick	77450	TDR 25m Intervals	541495.74	652436.15	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9992.68	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3138	Turbine Delivery Route Option 1	Limerick	77475	TDR 25m Intervals	541472.01	652428.28	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9968.20	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3139	Turbine Delivery Route Option 1	Limerick	77500	TDR 25m Intervals	541447.94	652421.66	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9943.53	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3140	Turbine Delivery Route Option 1	Limerick	77525	TDR 25m Intervals	541423.51	652416.36	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9918.65	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3141	Turbine Delivery Route Option 1	Limerick	77550	TDR 25m Intervals	541399.08	652411.06	NA	NA	No	NA	TOBERMURRY_010	Greanagh_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9893.77	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3142	Turbine Delivery Route Option 1	Limerick	77575	TDR 25m Intervals	541374.65	652405.76	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9868.89	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3143	Turbine Delivery Route Option 1	Limerick	77600	TDR 25m Intervals	541350.21	652400.45	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9844.02	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3144	Turbine Delivery Route Option 1	Limerick	77625	TDR 25m Intervals	541325.78	652395.15	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9819.14	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3145	Turbine Delivery Route Option 1	Limerick	77650	TDR 25m Intervals	541301.35	652389.85	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9794.26	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3146	Turbine Delivery Route Option 1	Limerick	77675	TDR 25m Intervals	541276.92	652384.55	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9769.39	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3147	Turbine Delivery Route Option 1	Limerick	77700	TDR 25m Intervals	541252.49	652379.25	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9744.51	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3148	Turbine Delivery Route Option 1	Limerick	77725	TDR 25m Intervals	541228.06	652373.95	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9719.64	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3149	Turbine Delivery Route Option 1	Limerick	77750	TDR 25m Intervals	541203.63	652368.65	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9694.77	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3150	Turbine Delivery Route Option 1	Limerick	77775	TDR 25m Intervals	541179.19	652363.34	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9669.89	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3151	Turbine Delivery Route Option 1	Limerick	77800	TDR 25m Intervals	541154.76	652358.04	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9645.02	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3152	Turbine Delivery Route Option 1	Limerick	77825	TDR 25m Intervals	541130.33	652352.74	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9620.15	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3153	Turbine Delivery Route Option 1	Limerick	77850	TDR 25m Intervals	541105.90	652347.44	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9595.28	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3154	Turbine Delivery Route Option 1	Limerick	77875	TDR 25m Intervals	541081.47	652342.14	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9570.41	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3155	Turbine Delivery Route Option 1	Limerick	77900	TDR 25m Intervals	541057.04	652336.84	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9545.54	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3156	Turbine Delivery Route Option 1	Limerick	77925	TDR 25m Intervals	541032.34	652333.03	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9520.58	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3157	Turbine Delivery Route Option 1	Limerick	77950	TDR 25m Intervals	541007.56	652329.75	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9495.58	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3158	Turbine Delivery Route Option 1	Limerick	77975	TDR 25m Intervals	540982.78	652326.46	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9470.58	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3159	Turbine Delivery Route Option 1	Limerick	78000	TDR 25m Intervals	540958.00	652323.17	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9445.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3160	Turbine Delivery Route Option 1	Limerick	78025	TDR 25m Intervals	540933.21	652319.88	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9420.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3161	Turbine Delivery Route Option 1	Limerick	78050	TDR 25m Intervals	540908.43	652316.59	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9395.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3162	Turbine Delivery Route Option 1	Limerick	78075	TDR 25m Intervals	540883.65	652313.31	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9370.59	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3163	Turbine Delivery Route Option 1	Limerick	78100	TDR 25m Intervals	540858.86	652310.02	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9345.60	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3164	Turbine Delivery Route Option 1	Limerick	78125	TDR 25m Intervals	540833.95	652308.20	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9320.62	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3165	Turbine Delivery Route Option 1	Limerick	78150	TDR 25m Intervals	540808.98	652306.89	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9295.66	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3166	Turbine Delivery Route Option 1	Limerick	78175	TDR 25m Intervals	540784.02	652305.58	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_(	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9270.70	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3167	Turbine Delivery Route Option 1	Limerick	78200	TDR 25m Intervals	540759.05	652304.27	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9245.74	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3168	Turbine Delivery Route Option 1	Limerick	78225	TDR 25m Intervals	540734.08	652302.96	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9220.78	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3169	Turbine Delivery Route Option 1	Limerick	78250	TDR 25m Intervals	540709.12	652301.65	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9195.81	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3170	Turbine Delivery Route Option 1	Limerick	78275	TDR 25m Intervals	540684.15	652300.34	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9170.85	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3171	Turbine Delivery Route Option 1	Limerick	78300	TDR 25m Intervals	540659.19	652299.03	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9145.89	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3172	Turbine Delivery Route Option 1	Limerick	78325	TDR 25m Intervals	540634.22	652297.72	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9120.93	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3173	Turbine Delivery Route Option 1	Limerick	78350	TDR 25m Intervals	540609.26	652296.41	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9095.97	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3174	Turbine Delivery Route Option 1	Limerick	78375	TDR 25m Intervals	540584.29	652295.09	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9071.01	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3175	Turbine Delivery Route Option 1	Limerick	78400	TDR 25m Intervals	540559.32	652293.79	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9046.05	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3176	Turbine Delivery Route Option 1	Limerick	78425	TDR 25m Intervals	540534.36	652292.47	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	9021.09	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3177	Turbine Delivery Route Option 1	Limerick	78450	TDR 25m Intervals	540509.39	652291.16	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8996.13	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3178	Turbine Delivery Route Option 1	Limerick	78475	TDR 25m Intervals	540484.46	652289.44	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8971.15	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3179	Turbine Delivery Route Option 1	Limerick	78500	TDR 25m Intervals	540460.01	652284.38	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8946.28	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3180	Turbine Delivery Route Option 1	Limerick	78525	TDR 25m Intervals	540436.65	652275.53	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8922.09	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3181	Turbine Delivery Route Option 1	Limerick	78550	TDR 25m Intervals	540415.00	652263.09	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8899.20	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3182	Turbine Delivery Route Option 1	Limerick	78575	TDR 25m Intervals	540395.59	652247.38	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8878.20	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3183	Turbine Delivery Route Option 1	Limerick	78600	TDR 25m Intervals	540378.65	652229.01	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8859.39	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3184	Turbine Delivery Route Option 1	Limerick	78625	TDR 25m Intervals	540362.10	652210.27	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8840.96	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3185	Turbine Delivery Route Option 1	Limerick	78650	TDR 25m Intervals	540345.55	652191.54	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8822.57	No	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within Curraghchase Woods SAC Buffer
3186	Turbine Delivery Route Option 1	Limerick	78675	TDR 25m Intervals	540329.00	652172.80	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8804.20	Yes	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Curraghchase Woods SAC Buffer
3187	Turbine Delivery Route Option 1	Limerick	78700	TDR 25m Intervals	540312.45	652154.06	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8785.87	Yes	No	Curraghchase Woo	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Curraghchase Woods SAC Buffer
3188	Turbine Delivery Route Option 1	Limerick	78725	TDR 25m Intervals	540295.90	652135.32	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8767.57	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3189	Turbine Delivery Route Option 1	Limerick	78750	TDR 25m Intervals	540279.35	652116.58	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8749.31	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3190	Turbine Delivery Route Option 1	Limerick	78775	TDR 25m Intervals	540262.80	652097.85	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8731.08	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3191	Turbine Delivery Route Option 1	Limerick	78800	TDR 25m Intervals	540246.25	652079.11	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8712.88	Yes	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3192	Turbine Delivery Route Option 1	Limerick	78825	TDR 25m Intervals	540230.23	652059.92	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8695.21	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3193	Turbine Delivery Route Option 1	Limerick	78850	TDR 25m Intervals	540214.48	652040.51	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8677.82	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3194	Turbine Delivery Route Option 1	Limerick	78875	TDR 25m Intervals	540198.73	652021.09	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8660.46	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3195	Turbine Delivery Route Option 1	Limerick	78900	TDR 25m Intervals	540182.98	652001.68	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8643.15	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3196	Turbine Delivery Route Option 1	Limerick	78925	TDR 25m Intervals	540167.23	651982.26	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8625.87	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3197	Turbine Delivery Route Option 1	Limerick	78950	TDR 25m Intervals	540151.48	651962.85	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8608.63	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3198	Turbine Delivery Route Option 1	Limerick	78975	TDR 25m Intervals	540135.73	651943.43	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8591.43	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3199	Turbine Delivery Route Option 1	Limerick	79000	TDR 25m Intervals	540119.98	651924.02	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8574.27	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3200	Turbine Delivery Route Option 1	Limerick	79025	TDR 25m Intervals	540104.24	651904.60	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8557.15	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3201	Turbine Delivery Route Option 1	Limerick	79050	TDR 25m Intervals	540088.49	651885.19	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8540.06	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3202	Turbine Delivery Route Option 1	Limerick	79075	TDR 25m Intervals	540072.74	651865.77	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8523.02	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3203	Turbine Delivery Route Option 1	Limerick	79100	TDR 25m Intervals	540056.99	651846.35	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8506.01	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3204	Turbine Delivery Route Option 1	Limerick	79125	TDR 25m Intervals	540038.34	651829.76	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8486.33	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3205	Turbine Delivery Route Option 1	Limerick	79150	TDR 25m Intervals	540019.38	651813.46	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8466.38	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3206	Turbine Delivery Route Option 1	Limerick	79175	TDR 25m Intervals	540000.42	651797.16	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8446.47	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3207	Turbine Delivery Route Option 1	Limerick	79200	TDR 25m Intervals	539981.47	651780.86	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8426.58	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3208	Turbine Delivery Route Option 1	Limerick	79225	TDR 25m Intervals	539962.51	651764.57	NA	NA	No	NA	GREANAGH_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8406.71	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3209	Turbine Delivery Route Option 1	Limerick	79250	TDR 25m Intervals	539943.55	651748.27	NA	NA	No	NA	GREANAGH_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8386.88	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3210	Turbine Delivery Route Option 1	Limerick	79275	TDR 25m Intervals	539924.59	651731.97	NA	NA	No	NA	GREANAGH_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8367.07	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3211	Turbine Delivery Route Option 1	Limerick	79300	TDR 25m Intervals	539905.34	651716.04	NA	NA	No	NA	GREANAGH_010	Greanagh_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8347.01	No	No	No	No	No	Tile_29	ELEVATED RISK Regionally Important Aquifer
3212	Turbine Delivery Route Option 1	Limerick	79325	TDR 25m Intervals	539885.40	651700.96	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8326.34	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3213	Turbine Delivery Route Option 1	Limerick	79350	TDR 25m Intervals	539865.46	651685.88	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8305.69	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3214	Turbine Delivery Route Option 1	Limerick	79375	TDR 25m Intervals	539845.53	651670.79	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8285.07	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3215	Turbine Delivery Route Option 1	Limerick	79400	TDR 25m Intervals	539825.59	651655.71	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8264.47	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3216	Turbine Delivery Route Option 1	Limerick	79425	TDR 25m Intervals	539805.65	651640.62	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8243.90	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3217	Turbine Delivery Route Option 1	Limerick	79450	TDR 25m Intervals	539784.99	651626.92	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8222.68	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3218	Turbine Delivery Route Option 1	Limerick	79475	TDR 25m Intervals	539761.25	651619.09	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8198.64	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3219	Turbine Delivery Route Option 1	Limerick	79500	TDR 25m Intervals	539737.51	651611.26	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8174.60	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3220	Turbine Delivery Route Option 1	Limerick	79525	TDR 25m Intervals	539713.77	651603.43	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8150.57	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3221	Turbine Delivery Route Option 1	Limerick	79550	TDR 25m Intervals	539690.03	651595.60	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8126.55	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3222	Turbine Delivery Route Option 1	Limerick	79575	TDR 25m Intervals	539666.28	651587.77	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8102.53	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3223	Turbine Delivery Route Option 1	Limerick	79600	TDR 25m Intervals	539642.54	651579.94	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8078.51	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3224	Turbine Delivery Route Option 1	Limerick	79625	TDR 25m Intervals	539618.80	651572.11	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8054.50	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3225	Turbine Delivery Route Option 1	Limerick	79650	TDR 25m Intervals	539595.06	651564.29	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8030.50	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3226	Turbine Delivery Route Option 1	Limerick	79675	TDR 25m Intervals	539571.31	651556.46	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	8006.51	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3227	Turbine Delivery Route Option 1	Limerick	79700	TDR 25m Intervals	539547.57	651548.63	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7982.52	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3228	Turbine Delivery Route Option 1	Limerick	79725	TDR 25m Intervals	539523.83	651540.80	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7958.53	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3229	Turbine Delivery Route Option 1	Limerick	79750	TDR 25m Intervals	539500.08	651532.97	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7934.56	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3230	Turbine Delivery Route Option 1	Limerick	79775	TDR 25m Intervals	539476.34	651525.14	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7910.59	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3231	Turbine Delivery Route Option 1	Limerick	79800	TDR 25m Intervals	539452.29	651518.55	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7886.34	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3232	Turbine Delivery Route Option 1	Limerick	79825	TDR 25m Intervals	539427.68	651514.15	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7861.61	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3233	Turbine Delivery Route Option 1	Limerick	79850	TDR 25m Intervals	539403.06	651509.76	NA	NA	Yes	DROMLOHAN_010	DROMLOHAN_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7836.89	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3234	Turbine Delivery Route Option 1	Limerick	79875	TDR 25m Intervals	539378.45	651505.36	NA	NA	Yes	DROMLOHAN_010	DROMLOHAN_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7812.16	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3235	Turbine Delivery Route Option 1	Limerick		TDR_WCC_139	539376.06	651502.93	WCC		Yes	DROMLOHAN_010	DROMLOHAN_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7812.16	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3236	Turbine Delivery Route Option 1	Limerick	79900	TDR 25m Intervals	539353.84	651500.97	NA	NA	Yes	DROMLOHAN_010	DROMLOHAN_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7787.44	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3237	Turbine Delivery Route Option 1	Limerick	79925	TDR 25m Intervals	539329.23	651496.57	NA	NA	Yes	DROMLOHAN_010	DROMLOHAN_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7762.71	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3238	Turbine Delivery Route Option 1	Limerick	79950	TDR 25m Intervals	539304.62	651492.18	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7737.99	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3239	Turbine Delivery Route Option 1	Limerick	79975	TDR 25m Intervals	539280.01	651487.78	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7713.27	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3240	Turbine Delivery Route Option 1	Limerick	80000	TDR 25m Intervals	539255.40	651483.38	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7688.56	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3241	Turbine Delivery Route Option 1	Limerick	80025	TDR 25m Intervals	539230.79	651478.99	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7663.84	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3242	Turbine Delivery Route Option 1	Limerick	80050	TDR 25m Intervals	539206.18	651474.59	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7639.13	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3243	Turbine Delivery Route Option 1	Limerick	80075	TDR 25m Intervals	539181.57	651470.20	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7614.42	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3244	Turbine Delivery Route Option 1	Limerick	80100	TDR 25m Intervals	539156.96	651465.80	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7589.71	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3245	Turbine Delivery Route Option 1	Limerick	80125	TDR 25m Intervals	539132.35	651461.40	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7565.00	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3246	Turbine Delivery Route Option 1	Limerick	80150	TDR 25m Intervals	539107.74	651457.01	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7540.29	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3247	Turbine Delivery Route Option 1	Limerick	80175	TDR 25m Intervals	539083.13	651452.61	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7515.59	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3248	Turbine Delivery Route Option 1	Limerick	80200	TDR 25m Intervals	539058.52	651448.21	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7490.89	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3249	Turbine Delivery Route Option 1	Limerick	80225	TDR 25m Intervals	539033.91	651443.82	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7466.19	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3250	Turbine Delivery Route Option 1	Limerick	80250	TDR 25m Intervals	539009.30	651439.42	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7441.49	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3251	Turbine Delivery Route Option 1	Limerick	80275	TDR 25m Intervals	538984.69	651435.03	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7416.79	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3252	Turbine Delivery Route Option 1	Limerick	80300	TDR 25m Intervals	538960.08	651430.63	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7392.10	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3253	Turbine Delivery Route Option 1	Limerick	80325	TDR 25m Intervals	538935.47	651426.23	NA	NA	No	NA	DROMLOHAN_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7367.41	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3254	Turbine Delivery Route Option 1	Limerick	80350	TDR 25m Intervals	538910.86	651421.84	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7342.72	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3255	Turbine Delivery Route Option 1	Limerick	80375	TDR 25m Intervals	538886.25	651417.44	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7318.03	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3256	Turbine Delivery Route Option 1	Limerick	80400	TDR 25m Intervals	538862.08	651411.35	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7293.76	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3257	Turbine Delivery Route Option 1	Limerick	80425	TDR 25m Intervals	538838.47	651403.13	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7270.02	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3258	Turbine Delivery Route Option 1	Limerick	80450	TDR 25m Intervals	538814.86	651394.91	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7246.29	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3259	Turbine Delivery Route Option 1	Limerick	80475	TDR 25m Intervals	538791.25	651386.68	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7222.56	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3260	Turbine Delivery Route Option 1	Limerick	80500	TDR 25m Intervals	538767.64	651378.46	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7198.85	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3261	Turbine Delivery Route Option 1	Limerick	80525	TDR 25m Intervals	538744.03	651370.24	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7175.14	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3262	Turbine Delivery Route Option 1	Limerick	80550	TDR 25m Intervals	538720.42	651362.02	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7151.44	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3263	Turbine Delivery Route Option 1	Limerick	80575	TDR 25m Intervals	538696.81	651353.79	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7127.76	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3264	Turbine Delivery Route Option 1	Limerick	80600	TDR 25m Intervals	538673.21	651345.57	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7104.08	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3265	Turbine Delivery Route Option 1	Limerick	80625	TDR 25m Intervals	538649.60	651337.35	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7080.41	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3266	Turbine Delivery Route Option 1	Limerick	80650	TDR 25m Intervals	538625.99	651329.13	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7056.74	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3267	Turbine Delivery Route Option 1	Limerick	80675	TDR 25m Intervals	538602.38	651320.90	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7033.09	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3268	Turbine Delivery Route Option 1	Limerick	80700	TDR 25m Intervals	538578.77	651312.68	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	7009.45	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3269	Turbine Delivery Route Option 1	Limerick	80725	TDR 25m Intervals	538555.16	651304.46	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6985.82	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3270	Turbine Delivery Route Option 1	Limerick	80750	TDR 25m Intervals	538531.55	651296.23	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6962.19	No	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer
3271	Turbine Delivery Route Option 1	Limerick	80775	TDR 25m Intervals	538507.94	651288.01	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6938.58	No	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3272	Turbine Delivery Route Option 1	Limerick	80800	TDR 25m Intervals	538484.33	651279.79	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6914.97	No	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3273	Turbine Delivery Route Option 1	Limerick	80825	TDR 25m Intervals	538460.72	651271.56	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6891.38	No	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3274	Turbine Delivery Route Option 1	Limerick		TDR_WCC_140	538450.67	651268.79	WCC		Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6891.38	No	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3275	Turbine Delivery Route Option 1	Limerick	80850	TDR 25m Intervals	538437.11	651263.34	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6867.80	No	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within Askeaton Fen Complex SAC Buffer
3276	Turbine Delivery Route Option 1	Limerick	80875	TDR 25m Intervals	538413.48	651255.21	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6844.19	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3277	Turbine Delivery Route Option 1	Limerick	80900	TDR 25m Intervals	538389.78	651247.24	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6820.54	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3278	Turbine Delivery Route Option 1	Limerick	80925	TDR 25m Intervals	538366.08	651239.27	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6796.89	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3279	Turbine Delivery Route Option 1	Limerick	80950	TDR 25m Intervals	538342.39	651231.30	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6773.26	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3280	Turbine Delivery Route Option 1	Limerick	80975	TDR 25m Intervals	538318.69	651223.33	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6749.64	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3281	Turbine Delivery Route Option 1	Limerick	81000	TDR 25m Intervals	538295.00	651215.36	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6726.02	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3282	Turbine Delivery Route Option 1	Limerick	81025	TDR 25m Intervals	538271.30	651207.40	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6702.42	Yes	No	Askeaton Fen Comp	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Askeaton Fen Complex SAC Buffer
3283	Turbine Delivery Route Option 1	Limerick	81050	TDR 25m Intervals	538247.60	651199.43	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6678.83	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3284	Turbine Delivery Route Option 1	Limerick	81075	TDR 25m Intervals	538223.91	651191.46	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6655.24	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3285	Turbine Delivery Route Option 1	Limerick	81100	TDR 25m Intervals	538200.21	651183.49	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6631.67	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3286	Turbine Delivery Route Option 1	Limerick	81125	TDR 25m Intervals	538176.52	651175.52	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6608.11	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3287	Turbine Delivery Route Option 1	Limerick	81150	TDR 25m Intervals	538152.82	651167.55	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6584.56	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3288	Turbine Delivery Route Option 1	Limerick	81175	TDR 25m Intervals	538129.12	651159.58	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6561.02	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3289	Turbine Delivery Route Option 1	Limerick	81200	TDR 25m Intervals	538105.43	651151.61	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6537.49	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3290	Turbine Delivery Route Option 1	Limerick	81225	TDR 25m Intervals	538082.45	651141.89	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6514.73	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3291	Turbine Delivery Route Option 1	Limerick	81250	TDR 25m Intervals	538059.99	651130.92	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6492.53	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3292	Turbine Delivery Route Option 1	Limerick	81275	TDR 25m Intervals	538037.52	651119.95	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6470.35	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3293	Turbine Delivery Route Option 1	Limerick	81300	TDR 25m Intervals	538015.06	651108.98	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6448.19	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3294	Turbine Delivery Route Option 1	Limerick	81325	TDR 25m Intervals	537992.59	651098.01	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6426.05	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3295	Turbine Delivery Route Option 1	Limerick	81350	TDR 25m Intervals	537970.13	651087.04	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6403.93	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3296	Turbine Delivery Route Option 1	Limerick	81375	TDR 25m Intervals	537947.66	651076.07	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6381.83	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3297	Turbine Delivery Route Option 1	Limerick	81400	TDR 25m Intervals	537925.20	651065.10	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6359.76	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3298	Turbine Delivery Route Option 1	Limerick	81425	TDR 25m Intervals	537902.73	651054.14	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6337.70	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3299	Turbine Delivery Route Option 1	Limerick	81450	TDR 25m Intervals	537880.27	651043.17	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6315.67	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3300	Turbine Delivery Route Option 1	Limerick	81475	TDR 25m Intervals	537857.80	651032.20	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6293.66	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3301	Turbine Delivery Route Option 1	Limerick	81500	TDR 25m Intervals	537835.34	651021.23	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6271.67	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3302	Turbine Delivery Route Option 1	Limerick	81525	TDR 25m Intervals	537812.87	651010.26	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6249.71	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3303	Turbine Delivery Route Option 1	Limerick	81550	TDR 25m Intervals	537790.41	650999.29	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6227.77	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3304	Turbine Delivery Route Option 1	Limerick		TDR_WCC_141	537781.72	650978.91	WCC		Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6227.77	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3305	Turbine Delivery Route Option 1	Limerick	81575	TDR 25m Intervals	537767.94	650988.32	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6205.85	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3306	Turbine Delivery Route Option 1	Limerick	81600	TDR 25m Intervals	537745.48	650977.35	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6183.95	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3307	Turbine Delivery Route Option 1	Limerick	81625	TDR 25m Intervals	537723.01	650966.38	NA	NA	Yes	DEEGERTY_010	DEEGERTY_010	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6162.08	Yes	No	No	No	No	Tile_30	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3308	Turbine Delivery Route Option 1	Limerick	81650	TDR 25m Intervals	537700.55	650955.41	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6140.24	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3309	Turbine Delivery Route Option 1	Limerick	81675	TDR 25m Intervals	537678.08	650944.44	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6118.41	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3310	Turbine Delivery Route Option 1	Limerick	81700	TDR 25m Intervals	537655.62	650933.47	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6096.61	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3311	Turbine Delivery Route Option 1	Limerick	81725	TDR 25m Intervals	537633.15	650922.51	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6074.84	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3312	Turbine Delivery Route Option 1	Limerick	81750	TDR 25m Intervals	537610.69	650911.54	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6053.09	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3313	Turbine Delivery Route Option 1	Limerick	81775	TDR 25m Intervals	537588.22	650900.57	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6031.37	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3314	Turbine Delivery Route Option 1	Limerick	81800	TDR 25m Intervals	537565.76	650889.60	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	6009.67	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3315	Turbine Delivery Route Option 1	Limerick	81825	TDR 25m Intervals	537543.29	650878.63	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5987.99	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3316	Turbine Delivery Route Option 1	Limerick	81850	TDR 25m Intervals	537520.83	650867.66	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5966.35	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3317	Turbine Delivery Route Option 1	Limerick	81875	TDR 25m Intervals	537498.36	650856.69	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5944.73	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3318	Turbine Delivery Route Option 1	Limerick	81900	TDR 25m Intervals	537475.90	650845.72	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5923.13	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3319	Turbine Delivery Route Option 1	Limerick	81925	TDR 25m Intervals	537453.43	650834.75	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5901.57	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3320	Turbine Delivery Route Option 1	Limerick	81950	TDR 25m Intervals	537430.22	650825.47	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5879.15	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3321	Turbine Delivery Route Option 1	Limerick	81975	TDR 25m Intervals	537406.97	650816.30	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5856.70	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3322	Turbine Delivery Route Option 1	Limerick	82000	TDR 25m Intervals	537383.71	650807.13	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5834.27	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3323	Turbine Delivery Route Option 1	Limerick	82025	TDR 25m Intervals	537360.45	650797.96	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5811.86	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3324	Turbine Delivery Route Option 1	Limerick	82050	TDR 25m Intervals	537335.57	650796.02	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5787.23	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3325	Turbine Delivery Route Option 1	Limerick	82075	TDR 25m Intervals	537310.62	650794.36	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5762.51	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3326	Turbine Delivery Route Option 1	Limerick	82100	TDR 25m Intervals	537285.68	650792.70	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5737.80	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3327	Turbine Delivery Route Option 1	Limerick	82125	TDR 25m Intervals	537260.73	650791.04	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5713.10	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3328	Turbine Delivery Route Option 1	Limerick	82150	TDR 25m Intervals	537235.79	650789.37	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5688.39	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3329	Turbine Delivery Route Option 1	Limerick	82175	TDR 25m Intervals	537210.85	650787.71	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5663.69	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3330	Turbine Delivery Route Option 1	Limerick	82200	TDR 25m Intervals	537185.90	650786.05	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5638.99	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3331	Turbine Delivery Route Option 1	Limerick	82225	TDR 25m Intervals	537160.96	650784.39	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5614.29	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3332	Turbine Delivery Route Option 1	Limerick	82250	TDR 25m Intervals	537136.01	650782.72	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5589.59	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3333	Turbine Delivery Route Option 1	Limerick	82275	TDR 25m Intervals	537111.26	650779.88	NA	NA	No	NA	DEEGERTY_010	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5565.20	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3334	Turbine Delivery Route Option 1	Limerick	82300	TDR 25m Intervals	537087.09	650773.48	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5541.73	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3335	Turbine Delivery Route Option 1	Limerick	82325	TDR 25m Intervals	537062.93	650767.08	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5518.27	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3336	Turbine Delivery Route Option 1	Limerick	82350	TDR 25m Intervals	537038.76	650760.68	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5494.82	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3337	Turbine Delivery Route Option 1	Limerick	82375	TDR 25m Intervals	537014.59	650754.28	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5471.39	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3338	Turbine Delivery Route Option 1	Limerick	82400	TDR 25m Intervals	536990.43	650747.89	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5447.97	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3339	Turbine Delivery Route Option 1	Limerick	82425	TDR 25m Intervals	536966.26	650741.49	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5424.56	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3340	Turbine Delivery Route Option 1	Limerick	82450	TDR 25m Intervals	536942.09	650735.09	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5401.17	Yes	No	No	No	No	Tile_30	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3341	Turbine Delivery Route Option 1	Limerick	82475	TDR 25m Intervals	536917.92	650728.69	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5377.79	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3342	Turbine Delivery Route Option 1	Limerick	82500	TDR 25m Intervals	536893.76	650722.29	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5354.43	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3343	Turbine Delivery Route Option 1	Limerick	82525	TDR 25m Intervals	536869.59	650715.89	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5331.09	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3344	Turbine Delivery Route Option 1	Limerick	82550	TDR 25m Intervals	536845.42	650709.49	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5307.75	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3345	Turbine Delivery Route Option 1	Limerick	82575	TDR 25m Intervals	536821.21	650703.36	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5284.37	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3346	Turbine Delivery Route Option 1	Limerick	82600	TDR 25m Intervals	536796.22	650702.67	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5259.61	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3347	Turbine Delivery Route Option 1	Limerick	82625	TDR 25m Intervals	536771.23	650701.98	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5234.85	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3348	Turbine Delivery Route Option 1	Limerick	82650	TDR 25m Intervals	536746.24	650701.30	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5210.09	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3349	Turbine Delivery Route Option 1	Limerick	82675	TDR 25m Intervals	536721.25	650700.61	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5185.34	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3350	Turbine Delivery Route Option 1	Limerick	82700	TDR 25m Intervals	536696.26	650699.92	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5160.59	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3351	Turbine Delivery Route Option 1	Limerick	82725	TDR 25m Intervals	536671.27	650699.23	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5135.84	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3352	Turbine Delivery Route Option 1	Limerick	82750	TDR 25m Intervals	536646.28	650698.54	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5111.09	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3353	Turbine Delivery Route Option 1	Limerick	82775	TDR 25m Intervals	536621.29	650697.85	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5086.35	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3354	Turbine Delivery Route Option 1	Limerick	82800	TDR 25m Intervals	536596.36	650698.34	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5061.52	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3355	Turbine Delivery Route Option 1	Limerick	82825	TDR 25m Intervals	536571.54	650701.39	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5036.52	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3356	Turbine Delivery Route Option 1	Limerick	82850	TDR 25m Intervals	536546.73	650704.44	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	5011.52	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3357	Turbine Delivery Route Option 1	Limerick	82875	TDR 25m Intervals	536521.92	650707.49	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4986.51	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3358	Turbine Delivery Route Option 1	Limerick	82900	TDR 25m Intervals	536497.10	650710.54	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4961.51	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3359	Turbine Delivery Route Option 1	Limerick		TDR_WCC_142	536488.40	650711.33	WCC		Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4961.51	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3360	Turbine Delivery Route Option 1	Limerick	82925	TDR 25m Intervals	536472.29	650713.59	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4936.51	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3361	Turbine Delivery Route Option 1	Limerick	82950	TDR 25m Intervals	536447.48	650716.65	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4911.50	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3362	Turbine Delivery Route Option 1	Limerick	82975	TDR 25m Intervals	536422.67	650719.70	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4886.50	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3363	Turbine Delivery Route Option 1	Limerick	83000	TDR 25m Intervals	536397.85	650722.75	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4861.50	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3364	Turbine Delivery Route Option 1	Limerick	83025	TDR 25m Intervals	536373.04	650725.80	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4836.50	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3365	Turbine Delivery Route Option 1	Limerick	83050	TDR 25m Intervals	536348.23	650728.85	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4811.49	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3366	Turbine Delivery Route Option 1	Limerick	83075	TDR 25m Intervals	536323.41	650731.90	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4786.49	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3367	Turbine Delivery Route Option 1	Limerick	83100	TDR 25m Intervals	536298.60	650734.95	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4761.49	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3368	Turbine Delivery Route Option 1	Limerick	83125	TDR 25m Intervals	536273.79	650738.00	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4736.48	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3369	Turbine Delivery Route Option 1	Limerick	83150	TDR 25m Intervals	536248.97	650741.06	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4711.48	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3370	Turbine Delivery Route Option 1	Limerick	83175	TDR 25m Intervals	536224.16	650744.11	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4686.48	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3371	Turbine Delivery Route Option 1	Limerick	83200	TDR 25m Intervals	536199.35	650747.16	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4661.47	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3372	Turbine Delivery Route Option 1	Limerick	83225	TDR 25m Intervals	536174.53	650750.21	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4636.47	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3373	Turbine Delivery Route Option 1	Limerick	83250	TDR 25m Intervals	536149.72	650753.26	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4611.47	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3374	Turbine Delivery Route Option 1	Limerick	83275	TDR 25m Intervals	536124.89	650752.96	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4586.84	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3375	Turbine Delivery Route Option 1	Limerick	83300	TDR 25m Intervals	536100.04	650750.18	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4562.49	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3376	Turbine Delivery Route Option 1	Limerick	83325	TDR 25m Intervals	536075.20	650747.41	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4538.15	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3377	Turbine Delivery Route Option 1	Limerick	83350	TDR 25m Intervals	536050.35	650744.63	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4513.82	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3378	Turbine Delivery Route Option 1	Limerick	83375	TDR 25m Intervals	536025.51	650741.85	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4489.49	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3379	Turbine Delivery Route Option 1	Limerick	83400	TDR 25m Intervals	536000.66	650739.08	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4465.17	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3380	Turbine Delivery Route Option 1	Limerick	83425	TDR 25m Intervals	535975.82	650736.30	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4440.86	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3381	Turbine Delivery Route Option 1	Limerick	83450	TDR 25m Intervals	535950.97	650733.52	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4416.56	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3382	Turbine Delivery Route Option 1	Limerick	83475	TDR 25m Intervals	535926.13	650730.74	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4392.26	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3383	Turbine Delivery Route Option 1	Limerick	83500	TDR 25m Intervals	535901.28	650727.97	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4367.97	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3384	Turbine Delivery Route Option 1	Limerick	83525	TDR 25m Intervals	535876.44	650725.19	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4343.69	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3385	Turbine Delivery Route Option 1	Limerick	83550	TDR 25m Intervals	535851.59	650722.41	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4319.42	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3386	Turbine Delivery Route Option 1	Limerick	83575	TDR 25m Intervals	535828.57	650712.80	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4297.88	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3387	Turbine Delivery Route Option 1	Limerick	83600	TDR 25m Intervals	535805.63	650702.85	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4276.51	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3388	Turbine Delivery Route Option 1	Limerick	83625	TDR 25m Intervals	535782.70	650692.90	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4255.17	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3389	Turbine Delivery Route Option 1	Limerick	83650	TDR 25m Intervals	535759.76	650682.96	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4233.88	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3390	Turbine Delivery Route Option 1	Limerick	83675	TDR 25m Intervals	535736.83	650673.01	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4212.63	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3391	Turbine Delivery Route Option 1	Limerick	83700	TDR 25m Intervals	535713.89	650663.06	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4191.42	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3392	Turbine Delivery Route Option 1	Limerick	83725	TDR 25m Intervals	535690.87	650653.42	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4170.12	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3393	Turbine Delivery Route Option 1	Limerick	83750	TDR 25m Intervals	535666.04	650650.53	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4146.02	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3394	Turbine Delivery Route Option 1	Limerick	83775	TDR 25m Intervals	535641.21	650647.64	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4121.94	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3395	Turbine Delivery Route Option 1	Limerick	83800	TDR 25m Intervals	535616.38	650644.75	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4097.86	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3396	Turbine Delivery Route Option 1	Limerick	83825	TDR 25m Intervals	535591.54	650641.86	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4073.80	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3397	Turbine Delivery Route Option 1	Limerick	83850	TDR 25m Intervals	535566.71	650638.97	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4049.75	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3398	Turbine Delivery Route Option 1	Limerick	83875	TDR 25m Intervals	535541.88	650636.08	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4025.71	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3399	Turbine Delivery Route Option 1	Limerick	83900	TDR 25m Intervals	535517.05	650633.19	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	4001.68	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3400	Turbine Delivery Route Option 1	Limerick	83925	TDR 25m Intervals	535492.21	650630.30	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3977.66	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3401	Turbine Delivery Route Option 1	Limerick	83950	TDR 25m Intervals	535467.38	650627.41	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3953.65	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3402	Turbine Delivery Route Option 1	Limerick	83975	TDR 25m Intervals	535442.55	650624.52	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3929.66	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3403	Turbine Delivery Route Option 1	Limerick	84000	TDR 25m Intervals	535417.72	650621.63	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3905.68	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3404	Turbine Delivery Route Option 1	Limerick	84025	TDR 25m Intervals	535392.88	650618.73	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3881.72	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3405	Turbine Delivery Route Option 1	Limerick	84050	TDR 25m Intervals	535368.55	650620.83	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3857.39	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3406	Turbine Delivery Route Option 1	Limerick	84075	TDR 25m Intervals	535344.79	650628.60	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3832.63	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3407	Turbine Delivery Route Option 1	Limerick	84100	TDR 25m Intervals	535321.03	650636.37	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3807.89	Yes	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3408	Turbine Delivery Route Option 1	Limerick	84125	TDR 25m Intervals	535297.27	650644.14	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3783.14	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3409	Turbine Delivery Route Option 1	Limerick		TDR_WCC_143	535284.28	650633.28	WCC		Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3783.14	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3410	Turbine Delivery Route Option 1	Limerick	84150	TDR 25m Intervals	535273.50	650651.91	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3758.40	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3411	Turbine Delivery Route Option 1	Limerick	84175	TDR 25m Intervals	535249.74	650659.68	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3733.66	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3412	Turbine Delivery Route Option 1	Limerick	84200	TDR 25m Intervals	535225.98	650667.45	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3708.93	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3413	Turbine Delivery Route Option 1	Limerick	84225	TDR 25m Intervals	535202.22	650675.22	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3684.20	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3414	Turbine Delivery Route Option 1	Limerick	84250	TDR 25m Intervals	535178.46	650682.99	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3659.47	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3415	Turbine Delivery Route Option 1	Limerick	84275	TDR 25m Intervals	535155.60	650692.59	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3635.33	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3416	Turbine Delivery Route Option 1	Limerick	84300	TDR 25m Intervals	535134.91	650706.64	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3612.63	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3417	Turbine Delivery Route Option 1	Limerick	84325	TDR 25m Intervals	535114.23	650720.68	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3589.96	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3418	Turbine Delivery Route Option 1	Limerick	84350	TDR 25m Intervals	535093.54	650734.72	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3567.32	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3419	Turbine Delivery Route Option 1	Limerick	84375	TDR 25m Intervals	535072.86	650748.76	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3544.71	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3420	Turbine Delivery Route Option 1	Limerick	84400	TDR 25m Intervals	535052.17	650762.80	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3522.14	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3421	Turbine Delivery Route Option 1	Limerick	84425	TDR 25m Intervals	535031.49	650776.84	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3499.60	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3422	Turbine Delivery Route Option 1	Limerick	84450	TDR 25m Intervals	535010.80	650790.88	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3477.09	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3423	Turbine Delivery Route Option 1	Limerick	84475	TDR 25m Intervals	534990.12	650804.92	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3454.62	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3424	Turbine Delivery Route Option 1	Limerick	84500	TDR 25m Intervals	534969.43	650818.96	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3432.18	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3425	Turbine Delivery Route Option 1	Limerick	84525	TDR 25m Intervals	534947.41	650830.68	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3408.76	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3426	Turbine Delivery Route Option 1	Limerick	84550	TDR 25m Intervals	534924.93	650841.63	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3385.01	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3427	Turbine Delivery Route Option 1	Limerick	84575	TDR 25m Intervals	534902.46	650852.58	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3361.29	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3428	Turbine Delivery Route Option 1	Limerick	84600	TDR 25m Intervals	534879.98	650863.53	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3337.59	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3429	Turbine Delivery Route Option 1	Limerick	84625	TDR 25m Intervals	534857.51	650874.47	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3313.90	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3430	Turbine Delivery Route Option 1	Limerick	84650	TDR 25m Intervals	534835.03	650885.42	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3290.24	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3431	Turbine Delivery Route Option 1	Limerick	84675	TDR 25m Intervals	534812.55	650896.37	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3266.59	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3432	Turbine Delivery Route Option 1	Limerick	84700	TDR 25m Intervals	534790.08	650907.32	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3242.97	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3433	Turbine Delivery Route Option 1	Limerick	84725	TDR 25m Intervals	534766.15	650914.36	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3218.37	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3434	Turbine Delivery Route Option 1	Limerick	84750	TDR 25m Intervals	534741.99	650920.80	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3193.62	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3435	Turbine Delivery Route Option 1	Limerick	84775	TDR 25m Intervals	534717.83	650927.24	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3168.88	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3436	Turbine Delivery Route Option 1	Limerick	84800	TDR 25m Intervals	534693.68	650933.68	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3144.15	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3437	Turbine Delivery Route Option 1	Limerick	84825	TDR 25m Intervals	534669.52	650940.12	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3119.41	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3438	Turbine Delivery Route Option 1	Limerick	84850	TDR 25m Intervals	534645.36	650946.55	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3094.69	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3439	Turbine Delivery Route Option 1	Limerick	84875	TDR 25m Intervals	534620.70	650949.06	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3069.90	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3440	Turbine Delivery Route Option 1	Limerick	84900	TDR 25m Intervals	534595.70	650948.93	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3045.06	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3441	Turbine Delivery Route Option 1	Limerick	84925	TDR 25m Intervals	534570.70	650948.80	NA	NA	No	NA	DEEGERTY_020	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	3020.24	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3442	Turbine Delivery Route Option 1	Limerick	84950	TDR 25m Intervals	534545.70	650948.67	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2995.41	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3443	Turbine Delivery Route Option 1	Limerick	84975	TDR 25m Intervals	534520.70	650948.53	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2970.59	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3444	Turbine Delivery Route Option 1	Limerick	85000	TDR 25m Intervals	534495.70	650948.40	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2945.77	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3445	Turbine Delivery Route Option 1	Limerick	85025	TDR 25m Intervals	534470.70	650948.27	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2920.95	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3446	Turbine Delivery Route Option 1	Limerick	85050	TDR 25m Intervals	534445.70	650948.14	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2896.14	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3447	Turbine Delivery Route Option 1	Limerick	85075	TDR 25m Intervals	534420.71	650948.01	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2871.33	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3448	Turbine Delivery Route Option 1	Limerick	85100	TDR 25m Intervals	534395.71	650947.88	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2846.52	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3449	Turbine Delivery Route Option 1	Limerick	85125	TDR 25m Intervals	534371.23	650943.41	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2822.76	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3450	Turbine Delivery Route Option 1	Limerick	85150	TDR 25m Intervals	534346.91	650937.63	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2799.35	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3451	Turbine Delivery Route Option 1	Limerick		TDR_WCC_144	534347.74	650934.32	WCC		Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2799.35	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3452	Turbine Delivery Route Option 1	Limerick	85175	TDR 25m Intervals	534322.58	650931.84	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2775.96	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3453	Turbine Delivery Route Option 1	Limerick	85200	TDR 25m Intervals	534298.26	650926.05	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2752.61	No	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3454	Turbine Delivery Route Option 1	Limerick	85225	TDR 25m Intervals	534273.94	650920.27	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2729.28	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3455	Turbine Delivery Route Option 1	Limerick	85250	TDR 25m Intervals	534249.62	650914.48	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2705.98	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3456	Turbine Delivery Route Option 1	Limerick	85275	TDR 25m Intervals	534225.30	650908.69	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2682.71	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3457	Turbine Delivery Route Option 1	Limerick	85300	TDR 25m Intervals	534200.98	650902.91	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2659.47	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3458	Turbine Delivery Route Option 1	Limerick	85325	TDR 25m Intervals	534176.66	650897.12	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2636.27	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3459	Turbine Delivery Route Option 1	Limerick	85350	TDR 25m Intervals	534152.34	650891.33	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2613.10	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3460	Turbine Delivery Route Option 1	Limerick	85375	TDR 25m Intervals	534128.75	650883.25	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2591.05	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3461	Turbine Delivery Route Option 1	Limerick	85400	TDR 25m Intervals	534105.59	650873.83	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2569.69	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3462	Turbine Delivery Route Option 1	Limerick		TDR_WCC_145	534080.16	650878.57	WCC		Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2569.69	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3463	Turbine Delivery Route Option 1	Limerick	85425	TDR 25m Intervals	534082.43	650864.42	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2548.39	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3464	Turbine Delivery Route Option 1	Limerick	85450	TDR 25m Intervals	534059.27	650855.00	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2527.17	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3465	Turbine Delivery Route Option 1	Limerick	85475	TDR 25m Intervals	534036.11	650845.59	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2506.01	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3466	Turbine Delivery Route Option 1	Limerick	85500	TDR 25m Intervals	534012.95	650836.18	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2484.92	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3467	Turbine Delivery Route Option 1	Limerick	85525	TDR 25m Intervals	533989.80	650826.76	NA	NA	Yes	DEEGERTY_020	DEEGERTY_020	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2463.91	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3468	Turbine Delivery Route Option 1	Limerick	85550	TDR 25m Intervals	533966.64	650817.34	NA	NA	Yes	DEEGERTY_020	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2442.97	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3469	Turbine Delivery Route Option 1	Limerick	85575	TDR 25m Intervals	533943.48	650807.93	NA	NA	Yes	DEEGERTY_020	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2422.11	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3470	Turbine Delivery Route Option 1	Limerick	85600	TDR 25m Intervals	533920.32	650798.52	NA	NA	Yes	DEEGERTY_020	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2401.33	Yes	No	No	No	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3471	Turbine Delivery Route Option 1	Limerick	85625	TDR 25m Intervals	533897.16	650789.10	NA	NA	Yes	DEEGERTY_020	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2380.63	Yes	No	No	River Shannon and	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within River Shannon and River Fergus Estuaries SPA
3472	Turbine Delivery Route Option 1	Limerick	85650	TDR 25m Intervals	533874.00	650779.69	NA	NA	Yes	DEEL (NEWCASTLEWEST)_140	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2360.02	Yes	No	No	River Shannon and	No	Tile_31	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within River Shannon and River Fergus Estuaries SPA
3473	Turbine Delivery Route Option 1	Limerick	85675	TDR 25m Intervals	533850.84	650770.27	NA	NA	No	NA	DEEL (NEWCASTLEWEST)_140	Deel[Newcastlewest]_SC_050	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2339.49	Yes	No	No	River Shannon and	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within River Shannon and River Fergus Estuaries SPA
3474	Turbine Delivery Route Option 1	Limerick	85700	TDR 25m Intervals	533827.68	650760.86	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2319.04	Yes	No	No	River Shannon and	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within River Shannon and River Fergus Estuaries SPA
3475	Turbine Delivery Route Option 1	Limerick	85725	TDR 25m Intervals	533804.52	650751.44	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2298.69	No	No	No	River Shannon and	No	Tile_31	ELEVATED RISK Regionally Important Aquifer Within River Shannon and River Fergus Estuaries SPA
3476	Turbine Delivery Route Option 1	Limerick	85750	TDR 25m Intervals	533781.36	650742.03	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2278.43	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3477	Turbine Delivery Route Option 1	Limerick	85775	TDR 25m Intervals	533758.20	650732.61	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2258.26	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3478	Turbine Delivery Route Option 1	Limerick	85800	TDR 25m Intervals	533735.04	650723.20	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2238.19	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3479	Turbine Delivery Route Option 1	Limerick	85825	TDR 25m Intervals	533711.88	650713.78	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2218.23	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3480	Turbine Delivery Route Option 1	Limerick	85850	TDR 25m Intervals	533688.72	650704.37	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2198.36	No	No	No	No	No	Tile_31	ELEVATED RISK Regionally Important Aquifer
3481	Turbine Delivery Route Option 1	Limerick	85875	TDR 25m Intervals	533665.56	650694.95	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2178.60	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3482	Turbine Delivery Route Option 1	Limerick	85900	TDR 25m Intervals	533642.40	650685.54	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2158.95	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3483	Turbine Delivery Route Option 1	Limerick	85925	TDR 25m Intervals	533619.76	650674.96	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2140.25	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3484	Turbine Delivery Route Option 1	Limerick	85950	TDR 25m Intervals	533597.21	650664.15	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2121.83	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3485	Turbine Delivery Route Option 1	Limerick	85975	TDR 25m Intervals	533574.67	650653.35	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2103.55	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3486	Turbine Delivery Route Option 1	Limerick	86000	TDR 25m Intervals	533552.13	650642.54	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2085.40	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3487	Turbine Delivery Route Option 1	Limerick	86025	TDR 25m Intervals	533529.58	650631.73	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2067.40	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3488	Turbine Delivery Route Option 1	Limerick	86050	TDR 25m Intervals	533507.04	650620.93	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2049.55	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3489	Turbine Delivery Route Option 1	Limerick	86075	TDR 25m Intervals	533484.49	650610.12	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2031.85	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3490	Turbine Delivery Route Option 1	Limerick	86100	TDR 25m Intervals	533461.95	650599.32	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2014.30	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3491	Turbine Delivery Route Option 1	Limerick	86125	TDR 25m Intervals	533439.41	650588.51	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1996.92	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3492	Turbine Delivery Route Option 1	Limerick	86150	TDR 25m Intervals	533416.86	650577.71	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1979.69	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3493	Turbine Delivery Route Option 1	Limerick	86175	TDR 25m Intervals	533394.32	650566.90	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1962.63	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3494	Turbine Delivery Route Option 1	Limerick	86200	TDR 25m Intervals	533371.77	650556.10	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1945.75	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3495	Turbine Delivery Route Option 1	Limerick	86225	TDR 25m Intervals	533349.23	650545.29	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1929.04	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3496	Turbine Delivery Route Option 1	Limerick	86250	TDR 25m Intervals	533326.68	650534.49	NA	NA	No	NA	DEEL (NEWCASTLEWES	Deel[Newcastlewest]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1912.51	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3497	Turbine Delivery Route Option 1	Limerick	86275	TDR 25m Intervals	533304.14	650523.68	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1896.17	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3498	Turbine Delivery Route Option 1	Limerick	86300	TDR 25m Intervals	533281.17	650514.06	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1879.14	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3499	Turbine Delivery Route Option 1	Limerick	86325	TDR 25m Intervals	533256.91	650508.02	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1859.60	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3500	Turbine Delivery Route Option 1	Limerick	86350	TDR 25m Intervals	533232.65	650501.99	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1840.20	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3501	Turbine Delivery Route Option 1	Limerick	86375	TDR 25m Intervals	533208.39	650495.96	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1820.93	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3502	Turbine Delivery Route Option 1	Limerick	86400	TDR 25m Intervals	533184.13	650489.93	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1801.80	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3503	Turbine Delivery Route Option 1	Limerick	86425	TDR 25m Intervals	533159.86	650483.90	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1782.82	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3504	Turbine Delivery Route Option 1	Limerick	86450	TDR 25m Intervals	533135.60	650477.86	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1763.99	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3505	Turbine Delivery Route Option 1	Limerick	86475	TDR 25m Intervals	533111.03	650475.22	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1743.46	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3506	Turbine Delivery Route Option 1	Limerick	86500	TDR 25m Intervals	533086.08	650476.80	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1720.69	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3507	Turbine Delivery Route Option 1	Limerick	86525	TDR 25m Intervals	533061.13	650478.38	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1697.99	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3508	Turbine Delivery Route Option 1	Limerick	86550	TDR 25m Intervals	533036.18	650479.96	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1675.36	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3509	Turbine Delivery Route Option 1	Limerick	86575	TDR 25m Intervals	533011.23	650481.54	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1652.79	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3510	Turbine Delivery Route Option 1	Limerick	86600	TDR 25m Intervals	532986.28	650483.11	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1630.30	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3511	Turbine Delivery Route Option 1	Limerick	86625	TDR 25m Intervals	532961.33	650484.69	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1607.87	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3512	Turbine Delivery Route Option 1	Limerick	86650	TDR 25m Intervals	532936.38	650486.27	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1585.53	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3513	Turbine Delivery Route Option 1	Limerick	86675	TDR 25m Intervals	532912.37	650491.30	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1562.31	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3514	Turbine Delivery Route Option 1	Limerick	86700	TDR 25m Intervals	532890.06	650502.58	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1537.36	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3515	Turbine Delivery Route Option 1	Limerick	86725	TDR 25m Intervals	532867.75	650513.86	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1512.42	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3516	Turbine Delivery Route Option 1	Limerick	86750	TDR 25m Intervals	532845.44	650525.15	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1487.48	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3517	Turbine Delivery Route Option 1	Limerick	86775	TDR 25m Intervals	532823.14	650536.43	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1462.55	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3518	Turbine Delivery Route Option 1	Limerick	86800	TDR 25m Intervals	532800.82	650547.71	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1437.61	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3519	Turbine Delivery Route Option 1	Limerick	86825	TDR 25m Intervals	532778.52	650558.99	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1412.68	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3520	Turbine Delivery Route Option 1	Limerick	86850	TDR 25m Intervals	532756.21	650570.28	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1387.75	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3521	Turbine Delivery Route Option 1	Limerick	86875	TDR 25m Intervals	532733.90	650581.56	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1362.83	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3522	Turbine Delivery Route Option 1	Limerick	86900	TDR 25m Intervals	532711.59	650592.84	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1337.90	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3523	Turbine Delivery Route Option 1	Limerick	86925	TDR 25m Intervals	532689.73	650604.86	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1312.98	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3524	Turbine Delivery Route Option 1	Limerick	86950	TDR 25m Intervals	532669.60	650619.69	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1288.07	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3525	Turbine Delivery Route Option 1	Limerick	86975	TDR 25m Intervals	532649.47	650634.51	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1263.16	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3526	Turbine Delivery Route Option 1	Limerick	87000	TDR 25m Intervals	532629.34	650649.33	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1238.26	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3527	Turbine Delivery Route Option 1	Limerick	87025	TDR 25m Intervals	532609.21	650664.16	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1213.36	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3528	Turbine Delivery Route Option 1	Limerick	87050	TDR 25m Intervals	532589.08	650678.98	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1188.47	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3529	Turbine Delivery Route Option 1	Limerick	87075	TDR 25m Intervals	532568.94	650693.80	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1163.58	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3530	Turbine Delivery Route Option 1	Limerick	87100	TDR 25m Intervals	532548.81	650708.62	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1138.69	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3531	Turbine Delivery Route Option 1	Limerick	87125	TDR 25m Intervals	532528.68	650723.45	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1113.81	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3532	Turbine Delivery Route Option 1	Limerick	87150	TDR 25m Intervals	532508.55	650738.27	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1088.94	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3533	Turbine Delivery Route Option 1	Limerick	87175	TDR 25m Intervals	532485.87	650747.70	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1064.61	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3534	Turbine Delivery Route Option 1	Limerick	87200	TDR 25m Intervals	532461.64	650753.86	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1040.64	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3535	Turbine Delivery Route Option 1	Limerick	87225	TDR 25m Intervals	532437.41	650760.03	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1016.73	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3536	Turbine Delivery Route Option 1	Limerick	87250	TDR 25m Intervals	532413.18	650766.19	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	992.87	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3537	Turbine Delivery Route Option 1	Limerick	87275	TDR 25m Intervals	532388.95	650772.35	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	969.07	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3538	Turbine Delivery Route Option 1	Limerick	87300	TDR 25m Intervals	532364.72	650778.51	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	945.33	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3539	Turbine Delivery Route Option 1	Limerick	87325	TDR 25m Intervals	532340.49	650784.68	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	921.66	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3540	Turbine Delivery Route Option 1	Limerick		TDR_WCC_146	532318.57	650789.37	WCC		Yes	LISMAKEERY STREAM_010	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	898.06	No	No	No	No	No	Tile_32	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3541	Turbine Delivery Route Option 1	Limerick	87350	TDR 25m Intervals	532316.27	650790.84	NA	NA	Yes	LISMAKEERY STREAM_010	LISMAKEERY STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	898.06	No	No	No	No	No	Tile_32	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3542	Turbine Delivery Route Option 1	Limerick	87375	TDR 25m Intervals	532292.04	650797.00	NA	NA	Yes	LISMAKEERY STREAM_010	LISMAKEERY STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	874.54	No	No	No	No	No	Tile_32	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3543	Turbine Delivery Route Option 1	Limerick	87400	TDR 25m Intervals	532267.81	650803.16	NA	NA	Yes	LISMAKEERY STREAM_010	LISMAKEERY STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	851.10	No	No	No	No	No	Tile_32	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3544	Turbine Delivery Route Option 1	Limerick	87425	TDR 25m Intervals	532243.58	650809.32	NA	NA	Yes	LISMAKEERY STREAM_010	LISMAKEERY STREAM_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	827.76	No	No	No	No	No	Tile_32	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3545	Turbine Delivery Route Option 1	Limerick	87450	TDR 25m Intervals	532219.35	650815.49	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	804.51	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3546	Turbine Delivery Route Option 1	Limerick	87475	TDR 25m Intervals	532195.12	650821.65	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	781.38	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3547	Turbine Delivery Route Option 1	Limerick	87500	TDR 25m Intervals	532170.90	650827.81	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	758.36	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3548	Turbine Delivery Route Option 1	Limerick	87525	TDR 25m Intervals	532146.67	650833.97	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	735.47	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3549	Turbine Delivery Route Option 1	Limerick	87550	TDR 25m Intervals	532122.44	650840.13	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	712.72	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3550	Turbine Delivery Route Option 1	Limerick	87575	TDR 25m Intervals	532098.21	650846.30	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	690.13	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3551	Turbine Delivery Route Option 1	Limerick	87600	TDR 25m Intervals	532073.98	650852.46	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	667.71	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3552	Turbine Delivery Route Option 1	Limerick	87625	TDR 25m Intervals	532049.75	650858.62	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	645.48	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3553	Turbine Delivery Route Option 1	Limerick	87650	TDR 25m Intervals	532025.52	650864.78	NA	NA	No	NA	LISMAKEERY STREAM_0	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	623.46	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3554	Turbine Delivery Route Option 1	Limerick	87675	TDR 25m Intervals	532001.29	650870.94	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	601.68	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3555	Turbine Delivery Route Option 1	Limerick	87700	TDR 25m Intervals	531977.06	650877.11	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	580.15	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3556	Turbine Delivery Route Option 1	Limerick	87725	TDR 25m Intervals	531952.84	650883.27	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	558.91	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3557	Turbine Delivery Route Option 1	Limerick	87750	TDR 25m Intervals	531928.61	650889.43	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	538.00	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3558	Turbine Delivery Route Option 1	Limerick	87775	TDR 25m Intervals	531904.38	650895.59	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	517.45	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3559	Turbine Delivery Route Option 1	Limerick	87800	TDR 25m Intervals	531880.15	650901.76	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	497.31	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3560	Turbine Delivery Route Option 1	Limerick	87825	TDR 25m Intervals	531855.92	650907.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	477.62	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3561	Turbine Delivery Route Option 1	Limerick	87850	TDR 25m Intervals	531831.69	650914.08	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	458.46	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3562	Turbine Delivery Route Option 1	Limerick	87875	TDR 25m Intervals	531807.46	650920.24	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	439.88	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3563	Turbine Delivery Route Option 1	Limerick	87900	TDR 25m Intervals	531783.24	650926.40	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	421.97	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3564	Turbine Delivery Route Option 1	Limerick	87925	TDR 25m Intervals	531759.01	650932.56	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	404.81	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3565	Turbine Delivery Route Option 1	Limerick	87950	TDR 25m Intervals	531734.78	650938.73	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	388.50	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3566	Turbine Delivery Route Option 1	Limerick	87975	TDR 25m Intervals	531710.50	650944.69	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	373.32	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3567	Turbine Delivery Route Option 1	Limerick	88000	TDR 25m Intervals	531686.19	650950.54	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	353.17	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3568	Turbine Delivery Route Option 1	Limerick	88025	TDR 25m Intervals	531661.89	650956.39	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	330.16	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3569	Turbine Delivery Route Option 1	Limerick	88050	TDR 25m Intervals	531637.58	650962.24	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	307.46	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3570	Turbine Delivery Route Option 1	Limerick	88075	TDR 25m Intervals	531613.28	650968.09	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	285.15	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3571	Turbine Delivery Route Option 1	Limerick	88100	TDR 25m Intervals	531588.97	650973.95	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	263.32	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3572	Turbine Delivery Route Option 1	Limerick	88125	TDR 25m Intervals	531564.67	650979.80	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	242.10	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3573	Turbine Delivery Route Option 1	Limerick	88150	TDR 25m Intervals	531540.36	650985.65	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	221.68	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3574	Turbine Delivery Route Option 1	Limerick	88175	TDR 25m Intervals	531516.06	650991.50	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	202.28	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3575	Turbine Delivery Route Option 1	Limerick	88200	TDR 25m Intervals	531491.75	650997.35	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	184.24	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3576	Turbine Delivery Route Option 1	Limerick	88225	TDR 25m Intervals	531467.44	651003.20	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	168.00	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3577	Turbine Delivery Route Option 1	Limerick	88250	TDR 25m Intervals	531443.14	651009.05	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	154.11	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3578	Turbine Delivery Route Option 1	Limerick	88275	TDR 25m Intervals	531418.83	651014.90	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	143.28	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3579	Turbine Delivery Route Option 1	Limerick	88300	TDR 25m Intervals	531394.53	651020.75	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	136.23	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3580	Turbine Delivery Route Option 1	Limerick	88325	TDR 25m Intervals	531369.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	128.87	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3581	Turbine Delivery Route Option 1	Limerick	88350	TDR 25m Intervals	531344.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	124.92	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3582	Turbine Delivery Route Option 1	Limerick	88375	TDR 25m Intervals	531319.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	125.91	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3583	Turbine Delivery Route Option 1	Limerick	88400	TDR 25m Intervals	531294.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	131.72	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3584	Turbine Delivery Route Option 1	Limerick	88425	TDR 25m Intervals	531269.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	141.77	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3585	Turbine Delivery Route Option 1	Limerick	88450	TDR 25m Intervals	531244.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	155.23	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3586	Turbine Delivery Route Option 1	Limerick	88475	TDR 25m Intervals	531219.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	171.31	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3587	Turbine Delivery Route Option 1	Limerick	88500	TDR 25m Intervals	531194.66	651021.91	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	189.33	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3588	Turbine Delivery Route Option 1	Limerick	88525	TDR 25m Intervals	531169.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	208.79	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3589	Turbine Delivery Route Option 1	Limerick	88550	TDR 25m Intervals	531144.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	229.34	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3590	Turbine Delivery Route Option 1	Limerick	88575	TDR 25m Intervals	531119.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	250.69	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3591	Turbine Delivery Route Option 1	Limerick	88600	TDR 25m Intervals	531094.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	272.66	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3592	Turbine Delivery Route Option 1	Limerick	88625	TDR 25m Intervals	531069.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	295.12	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3593	Turbine Delivery Route Option 1	Limerick	88650	TDR 25m Intervals	531044.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	317.96	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3594	Turbine Delivery Route Option 1	Limerick	88675	TDR 25m Intervals	531019.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	341.10	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3595	Turbine Delivery Route Option 1	Limerick	88700	TDR 25m Intervals	530994.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	364.49	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3596	Turbine Delivery Route Option 1	Limerick	88725	TDR 25m Intervals	530969.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	388.07	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3597	Turbine Delivery Route Option 1	Limerick	88750	TDR 25m Intervals	530944.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	411.83	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3598	Turbine Delivery Route Option 1	Limerick	88775	TDR 25m Intervals	530919.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	435.72	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3599	Turbine Delivery Route Option 1	Limerick	88800	TDR 25m Intervals	530894.66	651021.92	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	459.74	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3600	Turbine Delivery Route Option 1	Limerick	88825	TDR 25m Intervals	530869.66	651021.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	470.34	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3601	Turbine Delivery Route Option 1	Limerick	88850	TDR 25m Intervals	530844.66	651021.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	467.57	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3602	Turbine Delivery Route Option 1	Limerick	88875	TDR 25m Intervals	530819.66	651021.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	466.13	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3603	Turbine Delivery Route Option 1	Limerick	88900	TDR 25m Intervals	530794.66	651021.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	466.03	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3604	Turbine Delivery Route Option 1	Limerick	88925	TDR 25m Intervals	530769.66	651021.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	467.27	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3605	Turbine Delivery Route Option 1	Limerick	88950	TDR 25m Intervals	530744.67	651022.34	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	469.44	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3606	Turbine Delivery Route Option 1	Limerick	88975	TDR 25m Intervals	530719.68	651023.01	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	472.65	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3607	Turbine Delivery Route Option 1	Limerick	89000	TDR 25m Intervals	530694.69	651023.69	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	477.15	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3608	Turbine Delivery Route Option 1	Limerick	89025	TDR 25m Intervals	530669.70	651024.36	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	482.91	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3609	Turbine Delivery Route Option 1	Limerick	89050	TDR 25m Intervals	530644.71	651025.04	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	489.88	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3610	Turbine Delivery Route Option 1	Limerick	89075	TDR 25m Intervals	530619.71	651025.71	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	498.01	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3611	Turbine Delivery Route Option 1	Limerick	89100	TDR 25m Intervals	530594.72	651026.39	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	507.24	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3612	Turbine Delivery Route Option 1	Limerick	89125	TDR 25m Intervals	530569.73	651027.06	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	517.51	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3613	Turbine Delivery Route Option 1	Limerick	89150	TDR 25m Intervals	530544.74	651027.74	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	528.77	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3614	Turbine Delivery Route Option 1	Limerick	89175	TDR 25m Intervals	530519.75	651028.42	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	540.95	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3615	Turbine Delivery Route Option 1	Limerick	89200	TDR 25m Intervals	530494.76	651029.09	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	553.99	No	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer
3616	Turbine Delivery Route Option 1	Limerick	89225	TDR 25m Intervals	530469.77	651029.77	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	567.83	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3617	Turbine Delivery Route Option 1	Limerick	89250	TDR 25m Intervals	530444.78	651030.44	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	582.42	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3618	Turbine Delivery Route Option 1	Limerick	89275	TDR 25m Intervals	530419.79	651031.12	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	597.70	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3619	Turbine Delivery Route Option 1	Limerick	89300	TDR 25m Intervals	530394.80	651031.79	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	613.62	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3620	Turbine Delivery Route Option 1	Limerick	89325	TDR 25m Intervals	530369.81	651032.47	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	630.13	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3621	Turbine Delivery Route Option 1	Limerick	89350	TDR 25m Intervals	530344.81	651033.15	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	647.18	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3622	Turbine Delivery Route Option 1	Limerick	89375	TDR 25m Intervals	530319.82	651033.82	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	664.74	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3623	Turbine Delivery Route Option 1	Limerick	89400	TDR 25m Intervals	530294.83	651034.50	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	682.76	Yes	No	No	No	No	Tile_32	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3624	Turbine Delivery Route Option 1	Limerick	89425	TDR 25m Intervals	530269.84	651035.17	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	701.20	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3625	Turbine Delivery Route Option 1	Limerick	89450	TDR 25m Intervals	530244.85	651035.85	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	720.05	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3626	Turbine Delivery Route Option 1	Limerick	89475	TDR 25m Intervals	530219.86	651036.52	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	739.26	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3627	Turbine Delivery Route Option 1	Limerick	89500	TDR 25m Intervals	530194.87	651037.20	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	758.81	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3628	Turbine Delivery Route Option 1	Limerick	89525	TDR 25m Intervals	530169.88	651037.87	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	778.67	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3629	Turbine Delivery Route Option 1	Limerick		TDR_WCC_147	530200.21	651034.66	WCC		Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	778.67	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3630	Turbine Delivery Route Option 1	Limerick	89550	TDR 25m Intervals	530144.89	651038.55	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	798.82	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3631	Turbine Delivery Route Option 1	Limerick	89575	TDR 25m Intervals	530119.90	651039.22	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	819.23	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3632	Turbine Delivery Route Option 1	Limerick	89600	TDR 25m Intervals	530094.91	651039.90	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	839.90	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3633	Turbine Delivery Route Option 1	Limerick	89625	TDR 25m Intervals	530070.34	651036.19	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	862.71	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3634	Turbine Delivery Route Option 1	Limerick	89650	TDR 25m Intervals	530045.94	651030.73	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	886.40	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3635	Turbine Delivery Route Option 1	Limerick	89675	TDR 25m Intervals	530021.55	651025.27	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	910.16	No	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3636	Turbine Delivery Route Option 1	Limerick	89700	TDR 25m Intervals	529997.15	651019.81	NA	NA	Yes	GLENBANE WEST STREAM_010	GLENBANE WEST STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	933.98	No	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer
3637	Turbine Delivery Route Option 1	Limerick	89725	TDR 25m Intervals	529972.76	651014.34	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	957.86	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3638	Turbine Delivery Route Option 1	Limerick	89750	TDR 25m Intervals	529948.36	651008.88	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	981.79	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3639	Turbine Delivery Route Option 1	Limerick	89775	TDR 25m Intervals	529923.96	651003.42	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1005.78	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3640	Turbine Delivery Route Option 1	Limerick	89800	TDR 25m Intervals	529899.57	650997.96	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1029.82	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3641	Turbine Delivery Route Option 1	Limerick	89825	TDR 25m Intervals	529875.17	650992.50	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1053.90	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3642	Turbine Delivery Route Option 1	Limerick	89850	TDR 25m Intervals	529850.78	650987.04	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1078.03	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3643	Turbine Delivery Route Option 1	Limerick	89875	TDR 25m Intervals	529826.38	650981.57	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1102.19	No	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within Barrigone SAC Buffer
3644	Turbine Delivery Route Option 1	Limerick	89900	TDR 25m Intervals	529801.98	650976.11	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1126.39	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3645	Turbine Delivery Route Option 1	Limerick	89925	TDR 25m Intervals	529777.59	650970.65	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1150.62	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3646	Turbine Delivery Route Option 1	Limerick	89950	TDR 25m Intervals	529753.19	650965.19	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1174.89	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3647	Turbine Delivery Route Option 1	Limerick	89975	TDR 25m Intervals	529728.80	650959.73	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1199.19	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3648	Turbine Delivery Route Option 1	Limerick	90000	TDR 25m Intervals	529704.40	650954.27	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1223.51	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3649	Turbine Delivery Route Option 1	Limerick	90025	TDR 25m Intervals	529680.00	650948.80	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1247.86	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3650	Turbine Delivery Route Option 1	Limerick	90050	TDR 25m Intervals	529656.18	650941.36	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1272.57	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3651	Turbine Delivery Route Option 1	Limerick	90075	TDR 25m Intervals	529632.63	650932.96	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1297.45	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3652	Turbine Delivery Route Option 1	Limerick	90100	TDR 25m Intervals	529609.09	650924.56	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1322.33	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3653	Turbine Delivery Route Option 1	Limerick	90125	TDR 25m Intervals	529585.54	650916.15	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1347.22	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3654	Turbine Delivery Route Option 1	Limerick	90150	TDR 25m Intervals	529562.00	650907.75	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1372.11	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3655	Turbine Delivery Route Option 1	Limerick	90175	TDR 25m Intervals	529538.45	650899.34	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1397.01	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3656	Turbine Delivery Route Option 1	Limerick	90200	TDR 25m Intervals	529514.91	650890.94	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1421.90	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3657	Turbine Delivery Route Option 1	Limerick	90225	TDR 25m Intervals	529491.36	650882.53	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1446.81	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3658	Turbine Delivery Route Option 1	Limerick	90250	TDR 25m Intervals	529467.82	650874.13	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1471.71	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3659	Turbine Delivery Route Option 1	Limerick	90275	TDR 25m Intervals	529444.27	650865.73	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1496.62	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3660	Turbine Delivery Route Option 1	Limerick	90300	TDR 25m Intervals	529420.73	650857.32	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1521.53	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3661	Turbine Delivery Route Option 1	Limerick	90325	TDR 25m Intervals	529397.46	650848.24	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1546.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3662	Turbine Delivery Route Option 1	Limerick	90350	TDR 25m Intervals	529374.84	650837.60	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1571.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3663	Turbine Delivery Route Option 1	Limerick	90375	TDR 25m Intervals	529352.21	650826.97	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1596.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3664	Turbine Delivery Route Option 1	Limerick	90400	TDR 25m Intervals	529329.59	650816.33	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1621.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3665	Turbine Delivery Route Option 1	Limerick	90425	TDR 25m Intervals	529306.96	650805.69	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1646.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3666	Turbine Delivery Route Option 1	Limerick	90450	TDR 25m Intervals	529284.34	650795.06	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1671.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3667	Turbine Delivery Route Option 1	Limerick	90475	TDR 25m Intervals	529261.72	650784.42	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1696.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3668	Turbine Delivery Route Option 1	Limerick	90500	TDR 25m Intervals	529239.09	650773.79	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1721.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3669	Turbine Delivery Route Option 1	Limerick	90525	TDR 25m Intervals	529216.47	650763.15	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1746.48	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3670	Turbine Delivery Route Option 1	Limerick	90550	TDR 25m Intervals	529193.84	650752.51	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1771.49	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3671	Turbine Delivery Route Option 1	Limerick	90575	TDR 25m Intervals	529171.22	650741.88	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1796.49	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3672	Turbine Delivery Route Option 1	Limerick	90600	TDR 25m Intervals	529148.59	650731.24	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1821.49	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3673	Turbine Delivery Route Option 1	Limerick	90625	TDR 25m Intervals	529125.97	650720.60	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1846.49	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3674	Turbine Delivery Route Option 1	Limerick	90650	TDR 25m Intervals	529106.05	650705.74	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1870.80	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3675	Turbine Delivery Route Option 1	Limerick	90675	TDR 25m Intervals	529086.91	650689.66	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1894.92	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3676	Turbine Delivery Route Option 1	Limerick	90700	TDR 25m Intervals	529067.77	650673.57	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1919.07	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3677	Turbine Delivery Route Option 1	Limerick	90725	TDR 25m Intervals	529048.63	650657.49	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1943.24	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3678	Turbine Delivery Route Option 1	Limerick	90750	TDR 25m Intervals	529029.49	650641.41	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1967.43	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3679	Turbine Delivery Route Option 1	Limerick	90775	TDR 25m Intervals	529010.35	650625.33	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1991.64	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3680	Turbine Delivery Route Option 1	Limerick	90800	TDR 25m Intervals	528991.21	650609.24	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2015.87	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3681	Turbine Delivery Route Option 1	Limerick	90825	TDR 25m Intervals	528972.07	650593.16	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2040.12	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3682	Turbine Delivery Route Option 1	Limerick	90850	TDR 25m Intervals	528954.61	650575.49	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2063.58	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3683	Turbine Delivery Route Option 1	Limerick	90875	TDR 25m Intervals	528939.64	650555.47	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2073.78	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3684	Turbine Delivery Route Option 1	Limerick	90900	TDR 25m Intervals	528924.67	650535.44	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC_	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2081.54	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3685	Turbine Delivery Route Option 1	Limerick	90925	TDR 25m Intervals	528909.70	650515.42	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2089.57	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3686	Turbine Delivery Route Option 1	Limerick	90950	TDR 25m Intervals	528894.73	650495.40	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2082.02	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3687	Turbine Delivery Route Option 1	Limerick	90975	TDR 25m Intervals	528879.76	650475.37	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2070.86	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3688	Turbine Delivery Route Option 1	Limerick	91000	TDR 25m Intervals	528864.79	650455.35	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2059.96	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3689	Turbine Delivery Route Option 1	Limerick	91025	TDR 25m Intervals	528849.82	650435.33	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2049.29	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3690	Turbine Delivery Route Option 1	Limerick	91050	TDR 25m Intervals	528834.86	650415.30	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2038.88	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3691	Turbine Delivery Route Option 1	Limerick	91075	TDR 25m Intervals	528819.89	650395.28	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2028.73	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3692	Turbine Delivery Route Option 1	Limerick	91100	TDR 25m Intervals	528804.92	650375.26	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2018.83	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3693	Turbine Delivery Route Option 1	Limerick	91125	TDR 25m Intervals	528789.95	650355.23	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2009.19	Yes	No	Barrigone SAC	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Barrigone SAC Buffer
3694	Turbine Delivery Route Option 1	Limerick	91150	TDR 25m Intervals	528774.98	650335.21	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1999.82	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3695	Turbine Delivery Route Option 1	Limerick	91175	TDR 25m Intervals	528762.08	650314.04	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1988.64	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3696	Turbine Delivery Route Option 1	Limerick	91200	TDR 25m Intervals	528752.94	650290.77	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1973.92	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3697	Turbine Delivery Route Option 1	Limerick	91225	TDR 25m Intervals	528743.80	650267.50	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1959.41	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3698	Turbine Delivery Route Option 1	Limerick	91250	TDR 25m Intervals	528734.65	650244.23	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1945.10	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3699	Turbine Delivery Route Option 1	Limerick	91275	TDR 25m Intervals	528731.17	650219.63	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1926.71	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3700	Turbine Delivery Route Option 1	Limerick	91300	TDR 25m Intervals	528728.94	650194.72	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1907.51	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3701	Turbine Delivery Route Option 1	Limerick	91325	TDR 25m Intervals	528726.70	650169.82	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1888.44	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3702	Turbine Delivery Route Option 1	Limerick	91350	TDR 25m Intervals	528724.47	650144.93	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1869.51	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3703	Turbine Delivery Route Option 1	Limerick	91375	TDR 25m Intervals	528722.23	650120.02	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1850.73	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3704	Turbine Delivery Route Option 1	Limerick	91400	TDR 25m Intervals	528720.00	650095.13	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1832.09	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3705	Turbine Delivery Route Option 1	Limerick	91425	TDR 25m Intervals	528717.76	650070.23	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1813.61	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3706	Turbine Delivery Route Option 1	Limerick	91450	TDR 25m Intervals	528715.53	650045.33	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1795.29	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3707	Turbine Delivery Route Option 1	Limerick	91475	TDR 25m Intervals	528707.99	650022.61	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1782.14	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3708	Turbine Delivery Route Option 1	Limerick	91500	TDR 25m Intervals	528692.00	650003.40	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1777.29	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3709	Turbine Delivery Route Option 1	Limerick	91525	TDR 25m Intervals	528676.01	649984.18	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1772.78	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3710	Turbine Delivery Route Option 1	Limerick	91550	TDR 25m Intervals	528660.02	649964.96	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1768.61	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3711	Turbine Delivery Route Option 1	Limerick	91575	TDR 25m Intervals	528643.09	649946.67	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1766.11	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3712	Turbine Delivery Route Option 1	Limerick	91600	TDR 25m Intervals	528624.18	649930.31	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1766.70	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3713	Turbine Delivery Route Option 1	Limerick	91625	TDR 25m Intervals	528605.28	649913.95	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1767.65	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3714	Turbine Delivery Route Option 1	Limerick	91650	TDR 25m Intervals	528586.38	649897.59	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1768.96	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3715	Turbine Delivery Route Option 1	Limerick	91675	TDR 25m Intervals	528567.47	649881.23	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1770.61	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3716	Turbine Delivery Route Option 1	Limerick	91700	TDR 25m Intervals	528546.65	649868.31	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1776.40	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3717	Turbine Delivery Route Option 1	Limerick	91725	TDR 25m Intervals	528522.80	649860.83	NA	NA	No	NA	GLENBANE WEST STREA	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1788.44	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3718	Turbine Delivery Route Option 1	Limerick	91750	TDR 25m Intervals	528498.94	649853.35	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1800.75	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3719	Turbine Delivery Route Option 1	Limerick	91775	TDR 25m Intervals	528475.09	649845.87	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1813.32	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3720	Turbine Delivery Route Option 1	Limerick	91800	TDR 25m Intervals	528451.23	649838.39	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1826.14	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3721	Turbine Delivery Route Option 1	Limerick	91825	TDR 25m Intervals	528427.38	649830.91	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1839.22	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3722	Turbine Delivery Route Option 1	Limerick	91850	TDR 25m Intervals	528403.52	649823.43	NA	NA	Yes	AHACRONANE_020	AHACRONANE_020	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1852.54	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone
3723	Turbine Delivery Route Option 1	Limerick		TDR_WCC_148	528394.03	649819.39	WCC		Yes	AHACRONANE_020	AHACRONANE_020	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1852.54	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3724	Turbine Delivery Route Option 1	Limerick	91875	TDR 25m Intervals	528379.67	649815.95	NA	NA	Yes	AHACRONANE_020	AHACRONANE_020	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1866.10	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3725	Turbine Delivery Route Option 1	Limerick	91900	TDR 25m Intervals	528355.81	649808.47	NA	NA	Yes	AHACRONANE_020	AHACRONANE_020	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1879.90	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3726	Turbine Delivery Route Option 1	Limerick	91925	TDR 25m Intervals	528331.81	649801.62	NA	NA	Yes	AHACRONANE_020	AHACRONANE_020	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1894.42	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3727	Turbine Delivery Route Option 1	Limerick	91950	TDR 25m Intervals	528307.08	649798.00	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1911.72	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3728	Turbine Delivery Route Option 1	Limerick	91975	TDR 25m Intervals	528282.34	649794.38	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1929.19	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3729	Turbine Delivery Route Option 1	Limerick	92000	TDR 25m Intervals	528257.60	649790.77	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1946.83	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3730	Turbine Delivery Route Option 1	Limerick	92025	TDR 25m Intervals	528232.87	649787.15	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1964.62	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3731	Turbine Delivery Route Option 1	Limerick	92050	TDR 25m Intervals	528208.13	649783.53	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	1982.57	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3732	Turbine Delivery Route Option 1	Limerick	92075	TDR 25m Intervals	528183.39	649779.92	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2000.67	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3733	Turbine Delivery Route Option 1	Limerick	92100	TDR 25m Intervals	528158.66	649776.30	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2018.92	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3734	Turbine Delivery Route Option 1	Limerick	92125	TDR 25m Intervals	528133.92	649772.68	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2037.31	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3735	Turbine Delivery Route Option 1	Limerick	92150	TDR 25m Intervals	528109.18	649769.07	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2055.85	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3736	Turbine Delivery Route Option 1	Limerick	92175	TDR 25m Intervals	528084.44	649765.45	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2074.51	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3737	Turbine Delivery Route Option 1	Limerick	92200	TDR 25m Intervals	528059.71	649761.83	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2093.31	Yes	No	Lower River Shannc	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone Within Lower River Shannon SAC Buffer
3738	Turbine Delivery Route Option 1	Limerick	92225	TDR 25m Intervals	528034.97	649758.22	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2112.24	No	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer
3739	Turbine Delivery Route Option 1	Limerick	92250	TDR 25m Intervals	528010.23	649754.60	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2131.30	No	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer
3740	Turbine Delivery Route Option 1	Limerick	92275	TDR 25m Intervals	527985.50	649750.98	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2150.47	No	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer
3741	Turbine Delivery Route Option 1	Limerick	92300	TDR 25m Intervals	527960.62	649748.82	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2170.63	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3742	Turbine Delivery Route Option 1	Limerick	92325	TDR 25m Intervals	527935.65	649747.76	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2191.54	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3743	Turbine Delivery Route Option 1	Limerick	92350	TDR 25m Intervals	527910.67	649746.71	NA	NA	No	NA	AHACRONANE_020	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2212.54	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3744	Turbine Delivery Route Option 1	Limerick	92375	TDR 25m Intervals	527885.69	649745.66	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2233.63	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3745	Turbine Delivery Route Option 1	Limerick	92400	TDR 25m Intervals	527860.71	649744.61	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2254.79	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3746	Turbine Delivery Route Option 1	Limerick	92425	TDR 25m Intervals	527835.73	649743.56	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2276.03	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3747	Turbine Delivery Route Option 1	Limerick	92450	TDR 25m Intervals	527810.76	649742.51	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2297.34	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3748	Turbine Delivery Route Option 1	Limerick	92475	TDR 25m Intervals	527785.78	649741.45	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Rkc) Regionally Important Aquifer - Karstified (conduit)	NA	NA	2318.73	Yes	No	No	No	No	Tile_33	ELEVATED RISK Regionally Important Aquifer Within GW Buffer Zone
3749	Turbine Delivery Route Option 1	Limerick	92500	TDR 25m Intervals	527760.80	649740.40	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2340.19	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3750	Turbine Delivery Route Option 1	Limerick	92525	TDR 25m Intervals	527735.82	649739.35	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2361.73	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3751	Turbine Delivery Route Option 1	Limerick	92550	TDR 25m Intervals	527710.84	649738.30	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2383.32	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3752	Turbine Delivery Route Option 1	Limerick	92575	TDR 25m Intervals	527685.87	649737.25	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2404.99	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3753	Turbine Delivery Route Option 1	Limerick	92600	TDR 25m Intervals	527660.89	649736.20	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2426.72	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3754	Turbine Delivery Route Option 1	Limerick	92625	TDR 25m Intervals	527635.91	649735.15	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2448.51	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3755	Turbine Delivery Route Option 1	Limerick	92650	TDR 25m Intervals	527610.93	649734.09	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2470.36	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3756	Turbine Delivery Route Option 1	Limerick	92675	TDR 25m Intervals	527585.96	649733.04	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2492.27	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3757	Turbine Delivery Route Option 1	Limerick	92700	TDR 25m Intervals	527560.98	649731.99	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2514.24	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3758	Turbine Delivery Route Option 1	Limerick	92725	TDR 25m Intervals	527536.00	649730.94	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2536.27	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3759	Turbine Delivery Route Option 1	Limerick	92750	TDR 25m Intervals	527511.02	649729.89	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2558.35	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3760	Turbine Delivery Route Option 1	Limerick	92775	TDR 25m Intervals	527486.05	649728.84	NA	NA	No	NA	DOONCAHA STREAM_01	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2580.48	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3761	Turbine Delivery Route Option 1	Limerick	92800	TDR 25m Intervals	527461.07	649727.78	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2602.67	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3762	Turbine Delivery Route Option 1	Limerick	92825	TDR 25m Intervals	527436.09	649726.73	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2624.90	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3763	Turbine Delivery Route Option 1	Limerick	92850	TDR 25m Intervals	527411.11	649725.68	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2647.19	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3764	Turbine Delivery Route Option 1	Limerick	92875	TDR 25m Intervals	527386.13	649724.63	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2669.52	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3765	Turbine Delivery Route Option 1	Limerick	92900	TDR 25m Intervals	527361.16	649723.58	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2691.90	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3766	Turbine Delivery Route Option 1	Limerick	92925	TDR 25m Intervals	527336.18	649722.53	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2714.33	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3767	Turbine Delivery Route Option 1	Limerick	92950	TDR 25m Intervals	527311.20	649721.47	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2736.80	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3768	Turbine Delivery Route Option 1	Limerick	92975	TDR 25m Intervals	527286.22	649720.42	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2759.31	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3769	Turbine Delivery Route Option 1	Limerick	93000	TDR 25m Intervals	527261.24	649719.37	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2781.87	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3770	Turbine Delivery Route Option 1	Limerick	93025	TDR 25m Intervals	527236.27	649718.32	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2804.47	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3771	Turbine Delivery Route Option 1	Limerick	93050	TDR 25m Intervals	527211.29	649717.27	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2827.11	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3772	Turbine Delivery Route Option 1	Limerick	93075	TDR 25m Intervals	527186.31	649716.22	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2849.79	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3773	Turbine Delivery Route Option 1	Limerick	93100	TDR 25m Intervals	527161.33	649715.17	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2872.50	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3774	Turbine Delivery Route Option 1	Limerick	93125	TDR 25m Intervals	527136.35	649714.11	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2895.26	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3775	Turbine Delivery Route Option 1	Limerick	93150	TDR 25m Intervals	527111.38	649713.06	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2918.05	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3776	Turbine Delivery Route Option 1	Limerick	93175	TDR 25m Intervals	527086.40	649712.01	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2940.88	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3777	Turbine Delivery Route Option 1	Limerick	93200	TDR 25m Intervals	527061.42	649710.96	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2963.74	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3778	Turbine Delivery Route Option 1	Limerick	93225	TDR 25m Intervals	527036.44	649709.91	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2986.63	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3779	Turbine Delivery Route Option 1	Limerick	93250	TDR 25m Intervals	527011.46	649708.86	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3009.57	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3780	Turbine Delivery Route Option 1	Limerick	93275	TDR 25m Intervals	526986.49	649707.81	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3032.53	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3781	Turbine Delivery Route Option 1	Limerick	93300	TDR 25m Intervals	526961.51	649706.75	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3055.52	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3782	Turbine Delivery Route Option 1	Limerick	93325	TDR 25m Intervals	526936.53	649705.70	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3078.55	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within GW Buffer Zone
3783	Turbine Delivery Route Option 1	Limerick	93350	TDR 25m Intervals	526911.55	649704.65	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3101.61	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3784	Turbine Delivery Route Option 1	Limerick		TDR_WCC_149	526888.88	649707.90	WCC		Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3101.61	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3785	Turbine Delivery Route Option 1	Limerick	93375	TDR 25m Intervals	526886.58	649703.60	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3124.69	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3786	Turbine Delivery Route Option 1	Limerick	93400	TDR 25m Intervals	526861.60	649702.55	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3147.81	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3787	Turbine Delivery Route Option 1	Limerick	93425	TDR 25m Intervals	526836.62	649701.50	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3170.95	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3788	Turbine Delivery Route Option 1	Limerick	93450	TDR 25m Intervals	526811.64	649700.44	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3194.13	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3789	Turbine Delivery Route Option 1	Limerick	93475	TDR 25m Intervals	526786.66	649699.39	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3217.33	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3790	Turbine Delivery Route Option 1	Limerick		TDR_WCC_150	526777.39	649685.60	WCC		Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3217.33	Yes	No	No	No	No	Tile_33	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3791	Turbine Delivery Route Option 1	Limerick	93500	TDR 25m Intervals	526762.90	649704.72	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3229.87	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3792	Turbine Delivery Route Option 1	Limerick	93525	TDR 25m Intervals	526740.05	649714.87	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3223.50	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
3793	Turbine Delivery Route Option 1	Limerick	93550	TDR 25m Intervals	526717.20	649725.02	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3217.31	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone
3794	Turbine Delivery Route Option 1	Limerick	93575	TDR 25m Intervals	526694.35	649735.16	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3211.30	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3795	Turbine Delivery Route Option 1	Limerick	93600	TDR 25m Intervals	526671.51	649745.31	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3205.47	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone
3796	Turbine Delivery Route Option 1	Limerick	93625	TDR 25m Intervals	526648.66	649755.46	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3199.84	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone
3797	Turbine Delivery Route Option 1	Limerick	93650	TDR 25m Intervals	526625.81	649765.60	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3194.38	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone
3798	Turbine Delivery Route Option 1	Limerick	93675	TDR 25m Intervals	526602.96	649775.75	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3189.12	Yes	No	No	No	No	Tile_34	ELEVATED RISK Within GW Buffer Zone
3799	Turbine Delivery Route Option 1	Limerick	93700	TDR 25m Intervals	526580.11	649785.90	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3184.04	No	No	No	No	No	Tile_34	NA
3800	Turbine Delivery Route Option 1	Limerick	93725	TDR 25m Intervals	526557.25	649796.00	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3179.20	No	No	No	No	No	Tile_34	NA
3801	Turbine Delivery Route Option 1	Limerick	93750	TDR 25m Intervals	526533.18	649802.74	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3178.09	No	No	No	No	No	Tile_34	NA
3802	Turbine Delivery Route Option 1	Limerick	93775	TDR 25m Intervals	526509.10	649809.48	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3177.18	No	No	No	No	No	Tile_34	NA
3803	Turbine Delivery Route Option 1	Limerick	93800	TDR 25m Intervals	526485.03	649816.22	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3176.47	No	No	No	No	No	Tile_34	NA
3804	Turbine Delivery Route Option 1	Limerick	93825	TDR 25m Intervals	526460.95	649822.96	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3175.96	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3805	Turbine Delivery Route Option 1	Limerick	93850	TDR 25m Intervals	526436.88	649829.70	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3175.64	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3806	Turbine Delivery Route Option 1	Limerick	93875	TDR 25m Intervals	526412.81	649836.44	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3175.52	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3807	Turbine Delivery Route Option 1	Limerick		TDR_WCC_151	526409.46	649830.54	WCC		Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3175.52	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3808	Turbine Delivery Route Option 1	Limerick	93900	TDR 25m Intervals	526388.42	649837.46	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3181.18	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3809	Turbine Delivery Route Option 1	Limerick	93925	TDR 25m Intervals	526363.75	649833.40	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3191.97	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3810	Turbine Delivery Route Option 1	Limerick	93950	TDR 25m Intervals	526339.08	649829.34	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3202.92	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3811	Turbine Delivery Route Option 1	Limerick	93975	TDR 25m Intervals	526314.41	649825.28	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3214.03	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3812	Turbine Delivery Route Option 1	Limerick	94000	TDR 25m Intervals	526289.74	649821.22	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3225.29	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3813	Turbine Delivery Route Option 1	Limerick	94025	TDR 25m Intervals	526265.91	649824.71	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3229.27	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3814	Turbine Delivery Route Option 1	Limerick	94050	TDR 25m Intervals	526242.74	649834.09	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3227.64	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3815	Turbine Delivery Route Option 1	Limerick	94075	TDR 25m Intervals	526219.56	649843.46	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3226.19	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3816	Turbine Delivery Route Option 1	Limerick	94100	TDR 25m Intervals	526196.39	649852.84	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3224.94	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3817	Turbine Delivery Route Option 1	Limerick	94125	TDR 25m Intervals	526183.60	649873.72	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3209.54	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3818	Turbine Delivery Route Option 1	Limerick	94150	TDR 25m Intervals	526171.92	649895.82	NA	NA	Yes	SHANAGOLDEN STREAM_010	SHANAGOLDEN STREAM_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3192.72	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3819	Turbine Delivery Route Option 1	Limerick	94175	TDR 25m Intervals	526160.24	649917.92	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3176.02	No	No	No	No	No	Tile_34	NA
3820	Turbine Delivery Route Option 1	Limerick	94200	TDR 25m Intervals	526148.56	649940.03	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3159.42	No	No	No	No	No	Tile_34	NA
3821	Turbine Delivery Route Option 1	Limerick	94225	TDR 25m Intervals	526136.88	649962.13	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3142.93	No	No	No	No	No	Tile_34	NA
3822	Turbine Delivery Route Option 1	Limerick	94250	TDR 25m Intervals	526125.20	649984.23	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3126.56	No	No	No	No	No	Tile_34	NA
3823	Turbine Delivery Route Option 1	Limerick	94275	TDR 25m Intervals	526118.80	650008.38	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3106.44	No	No	No	No	No	Tile_34	NA
3824	Turbine Delivery Route Option 1	Limerick	94300	TDR 25m Intervals	526112.59	650032.59	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3086.27	No	No	No	No	No	Tile_34	NA
3825	Turbine Delivery Route Option 1	Limerick	94325	TDR 25m Intervals	526106.38	650056.81	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3066.17	No	No	No	No	No	Tile_34	NA
3826	Turbine Delivery Route Option 1	Limerick	94350	TDR 25m Intervals	526100.16	650081.03	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3046.14	No	No	No	No	No	Tile_34	NA
3827	Turbine Delivery Route Option 1	Limerick	94375	TDR 25m Intervals	526093.94	650105.24	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3026.18	No	No	No	No	No	Tile_34	NA
3828	Turbine Delivery Route Option 1	Limerick	94400	TDR 25m Intervals	526087.73	650129.46	NA	NA	No	NA	SHANAGOLDEN STREAM	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	3006.30	No	No	No	No	No	Tile_34	NA
3829	Turbine Delivery Route Option 1	Limerick	94425	TDR 25m Intervals	526081.52	650153.67	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2986.50	No	No	No	No	No	Tile_34	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3830	Turbine Delivery Route Option 1	Limerick	94450	TDR 25m Intervals	526078.50	650178.28	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2965.13	No	No	No	No	No	Tile_34	NA
3831	Turbine Delivery Route Option 1	Limerick	94475	TDR 25m Intervals	526078.73	650203.28	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2942.15	No	No	No	No	No	Tile_34	NA
3832	Turbine Delivery Route Option 1	Limerick	94500	TDR 25m Intervals	526078.96	650228.27	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2919.20	No	No	No	No	No	Tile_34	NA
3833	Turbine Delivery Route Option 1	Limerick	94525	TDR 25m Intervals	526079.19	650253.27	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2896.28	No	No	No	No	No	Tile_34	NA
3834	Turbine Delivery Route Option 1	Limerick	94550	TDR 25m Intervals	526079.42	650278.27	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2873.40	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3835	Turbine Delivery Route Option 1	Limerick	94575	TDR 25m Intervals	526079.65	650303.27	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2850.56	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3836	Turbine Delivery Route Option 1	Limerick	94600	TDR 25m Intervals	526072.63	650326.76	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2832.16	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3837	Turbine Delivery Route Option 1	Limerick	94625	TDR 25m Intervals	526062.44	650349.59	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2815.81	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3838	Turbine Delivery Route Option 1	Limerick	94650	TDR 25m Intervals	526052.26	650372.43	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2799.59	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3839	Turbine Delivery Route Option 1	Limerick	94675	TDR 25m Intervals	526042.08	650395.26	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2783.49	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3840	Turbine Delivery Route Option 1	Limerick	94700	TDR 25m Intervals	526028.83	650416.25	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2770.55	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3841	Turbine Delivery Route Option 1	Limerick	94725	TDR 25m Intervals	526013.47	650435.98	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2759.85	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3842	Turbine Delivery Route Option 1	Limerick	94750	TDR 25m Intervals	525998.12	650455.71	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2749.33	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3843	Turbine Delivery Route Option 1	Limerick	94775	TDR 25m Intervals	525984.26	650476.26	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2737.57	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3844	Turbine Delivery Route Option 1	Limerick	94800	TDR 25m Intervals	525975.68	650499.75	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2720.90	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3845	Turbine Delivery Route Option 1	Limerick	94825	TDR 25m Intervals	525967.11	650523.23	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2704.36	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3846	Turbine Delivery Route Option 1	Limerick	94850	TDR 25m Intervals	525958.54	650546.71	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2687.94	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3847	Turbine Delivery Route Option 1	Limerick	94875	TDR 25m Intervals	525949.96	650570.20	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2671.66	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3848	Turbine Delivery Route Option 1	Limerick	94900	TDR 25m Intervals	525941.39	650593.68	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2655.52	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3849	Turbine Delivery Route Option 1	Limerick	94925	TDR 25m Intervals	525932.82	650617.17	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2639.51	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3850	Turbine Delivery Route Option 1	Limerick	94950	TDR 25m Intervals	525924.25	650640.65	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2623.64	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3851	Turbine Delivery Route Option 1	Limerick	94975	TDR 25m Intervals	525915.67	650664.14	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2607.92	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3852	Turbine Delivery Route Option 1	Limerick	95000	TDR 25m Intervals	525907.10	650687.62	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2592.34	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3853	Turbine Delivery Route Option 1	Limerick	95025	TDR 25m Intervals	525898.53	650711.10	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2576.91	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3854	Turbine Delivery Route Option 1	Limerick	95050	TDR 25m Intervals	525889.96	650734.59	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2561.64	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3855	Turbine Delivery Route Option 1	Limerick	95075	TDR 25m Intervals	525881.38	650758.07	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2546.51	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3856	Turbine Delivery Route Option 1	Limerick	95100	TDR 25m Intervals	525872.81	650781.56	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2531.55	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3857	Turbine Delivery Route Option 1	Limerick	95125	TDR 25m Intervals	525864.24	650805.04	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2516.74	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3858	Turbine Delivery Route Option 1	Limerick	95150	TDR 25m Intervals	525855.67	650828.53	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2502.09	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3859	Turbine Delivery Route Option 1	Limerick		TDR_WCC_152	525863.15	650856.27	WCC		Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2502.09	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3860	Turbine Delivery Route Option 1	Limerick	95175	TDR 25m Intervals	525847.09	650852.01	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Rock near surface or karst (X)	<1m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2487.61	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3861	Turbine Delivery Route Option 1	Limerick	95200	TDR 25m Intervals	525838.52	650875.49	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2473.30	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3862	Turbine Delivery Route Option 1	Limerick	95225	TDR 25m Intervals	525829.95	650898.98	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Extreme (E)	1 to 3m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2459.16	No	No	No	No	No	Tile_34	NA
3863	Turbine Delivery Route Option 1	Limerick	95250	TDR 25m Intervals	525821.38	650922.46	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2445.19	No	No	No	No	No	Tile_34	NA
3864	Turbine Delivery Route Option 1	Limerick	95275	TDR 25m Intervals	525812.38	650945.78	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Li) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2431.79	No	No	No	No	No	Tile_34	NA

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-(00)-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3865	Turbine Delivery Route Option 1	Limerick	95300	TDR 25m Intervals	525802.27	650968.64	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2419.60	No	No	No	No	No	Tile_34	NA
3866	Turbine Delivery Route Option 1	Limerick	95325	TDR 25m Intervals	525792.17	650991.51	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2407.61	No	No	No	No	No	Tile_34	NA
3867	Turbine Delivery Route Option 1	Limerick	95350	TDR 25m Intervals	525782.06	651014.37	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2395.82	No	No	No	No	No	Tile_34	NA
3868	Turbine Delivery Route Option 1	Limerick	95375	TDR 25m Intervals	525771.95	651037.24	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2384.23	No	No	No	No	No	Tile_34	NA
3869	Turbine Delivery Route Option 1	Limerick	95400	TDR 25m Intervals	525761.84	651060.11	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2372.86	No	No	No	No	No	Tile_34	NA
3870	Turbine Delivery Route Option 1	Limerick	95425	TDR 25m Intervals	525751.74	651082.97	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2361.69	No	No	No	No	No	Tile_34	NA
3871	Turbine Delivery Route Option 1	Limerick	95450	TDR 25m Intervals	525741.63	651105.84	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2350.73	No	No	No	No	No	Tile_34	NA
3872	Turbine Delivery Route Option 1	Limerick	95475	TDR 25m Intervals	525731.52	651128.70	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2339.99	No	No	No	No	No	Tile_34	NA
3873	Turbine Delivery Route Option 1	Limerick	95500	TDR 25m Intervals	525721.42	651151.57	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2329.47	No	No	No	No	No	Tile_34	NA
3874	Turbine Delivery Route Option 1	Limerick	95525	TDR 25m Intervals	525700.97	651163.99	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2333.86	No	No	No	No	No	Tile_34	NA
3875	Turbine Delivery Route Option 1	Limerick	95550	TDR 25m Intervals	525678.00	651173.86	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2342.06	No	No	No	No	No	Tile_34	NA
3876	Turbine Delivery Route Option 1	Limerick	95575	TDR 25m Intervals	525655.03	651183.72	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2350.51	No	No	No	No	No	Tile_34	NA
3877	Turbine Delivery Route Option 1	Limerick	95600	TDR 25m Intervals	525632.06	651193.59	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2359.19	No	No	No	No	No	Tile_34	NA
3878	Turbine Delivery Route Option 1	Limerick	95625	TDR 25m Intervals	525609.09	651203.46	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2368.10	No	No	No	No	No	Tile_34	NA
3879	Turbine Delivery Route Option 1	Limerick	95650	TDR 25m Intervals	525586.12	651213.33	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2377.24	No	No	No	No	No	Tile_34	NA
3880	Turbine Delivery Route Option 1	Limerick	95675	TDR 25m Intervals	525563.15	651223.20	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2386.61	No	No	No	No	No	Tile_34	NA
3881	Turbine Delivery Route Option 1	Limerick	95700	TDR 25m Intervals	525540.18	651233.07	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2396.21	No	No	No	No	No	Tile_34	NA
3882	Turbine Delivery Route Option 1	Limerick	95725	TDR 25m Intervals	525517.21	651242.94	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2406.02	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3883	Turbine Delivery Route Option 1	Limerick	95750	TDR 25m Intervals	525494.24	651252.81	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2416.06	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3884	Turbine Delivery Route Option 1	Limerick	95775	TDR 25m Intervals	525471.27	651262.67	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2426.31	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3885	Turbine Delivery Route Option 1	Limerick	95800	TDR 25m Intervals	525448.30	651272.54	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2436.77	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3886	Turbine Delivery Route Option 1	Limerick		TDR_WCC_153	525448.11	651272.93	WCC		Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2436.77	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3887	Turbine Delivery Route Option 1	Limerick	95825	TDR 25m Intervals	525425.97	651283.41	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2446.31	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3888	Turbine Delivery Route Option 1	Limerick	95850	TDR 25m Intervals	525407.29	651300.02	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2449.54	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3889	Turbine Delivery Route Option 1	Limerick	95875	TDR 25m Intervals	525388.60	651316.64	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2453.03	No	No	No	No	No	Tile_34	NA
3890	Turbine Delivery Route Option 1	Limerick	95900	TDR 25m Intervals	525369.92	651333.25	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2456.77	No	No	No	No	No	Tile_34	NA
3891	Turbine Delivery Route Option 1	Limerick	95925	TDR 25m Intervals	525351.24	651349.86	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Ll) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	2460.76	No	No	No	No	No	Tile_34	NA
3892	Turbine Delivery Route Option 1	Limerick	95950	TDR 25m Intervals	525332.56	651366.47	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2464.99	No	No	No	No	No	Tile_34	NA
3893	Turbine Delivery Route Option 1	Limerick	95975	TDR 25m Intervals	525315.18	651384.28	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2467.71	No	No	No	No	No	Tile_34	NA
3894	Turbine Delivery Route Option 1	Limerick	96000	TDR 25m Intervals	525300.28	651404.35	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2467.33	No	No	No	No	No	Tile_34	NA
3895	Turbine Delivery Route Option 1	Limerick	96025	TDR 25m Intervals	525285.39	651424.43	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2467.19	No	No	No	No	No	Tile_34	NA
3896	Turbine Delivery Route Option 1	Limerick	96050	TDR 25m Intervals	525270.49	651444.51	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2467.31	No	No	No	No	No	Tile_34	NA
3897	Turbine Delivery Route Option 1	Limerick	96075	TDR 25m Intervals	525255.60	651464.59	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2467.68	No	No	No	No	No	Tile_34	NA
3898	Turbine Delivery Route Option 1	Limerick	96100	TDR 25m Intervals	525240.70	651484.67	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2468.31	No	No	No	No	No	Tile_34	NA
3899	Turbine Delivery Route Option 1	Limerick	96125	TDR 25m Intervals	525225.81	651504.75	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2469.19	No	No	No	No	No	Tile_34	NA
3900	Turbine Delivery Route Option 1	Limerick	96150	TDR 25m Intervals	525210.91	651524.83	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2470.32	No	No	No	No	No	Tile_34	NA
3901	Turbine Delivery Route Option 1	Limerick	96175	TDR 25m Intervals	525196.02	651544.90	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2471.70	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3902	Turbine Delivery Route Option 1	Limerick	96200	TDR 25m Intervals	525181.12	651564.98	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2473.34	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3a - Baseline Database - Turbine Delivery Route Option 1 - Foynes
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3a-{00}-Baseline Database - Turbine Delivery Route Option 1

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstraction		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
3903	Turbine Delivery Route Option 1	Limerick		TDR_WCC_154	525173.50	651577.58	WCC		Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2473.34	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3904	Turbine Delivery Route Option 1	Limerick	96225	TDR 25m Intervals	525166.23	651585.06	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2475.23	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3905	Turbine Delivery Route Option 1	Limerick	96250	TDR 25m Intervals	525151.33	651605.14	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2477.37	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3906	Turbine Delivery Route Option 1	Limerick	96275	TDR 25m Intervals	525136.44	651625.22	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2479.76	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3907	Turbine Delivery Route Option 1	Limerick	96300	TDR 25m Intervals	525115.22	651637.45	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Low (L)	>10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2491.81	No	No	No	No	No	Tile_34	NA
3908	Turbine Delivery Route Option 1	Limerick	96325	TDR 25m Intervals	525092.44	651647.74	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2506.37	No	No	No	No	No	Tile_34	NA
3909	Turbine Delivery Route Option 1	Limerick	96350	TDR 25m Intervals	525069.66	651658.04	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2521.09	No	No	No	No	No	Tile_34	NA
3910	Turbine Delivery Route Option 1	Limerick	96375	TDR 25m Intervals	525046.87	651668.33	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2535.98	No	No	No	No	No	Tile_34	NA
3911	Turbine Delivery Route Option 1	Limerick	96400	TDR 25m Intervals	525024.09	651678.62	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2551.02	No	No	No	No	No	Tile_34	NA
3912	Turbine Delivery Route Option 1	Limerick	96425	TDR 25m Intervals	525001.31	651688.92	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2566.22	No	No	No	No	No	Tile_34	NA
3913	Turbine Delivery Route Option 1	Limerick	96450	TDR 25m Intervals	524978.35	651698.77	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2581.93	No	No	No	No	No	Tile_34	NA
3914	Turbine Delivery Route Option 1	Limerick	96475	TDR 25m Intervals	524954.66	651706.74	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2599.30	No	No	No	No	No	Tile_34	NA
3915	Turbine Delivery Route Option 1	Limerick	96500	TDR 25m Intervals	524930.96	651714.72	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2616.79	No	No	No	No	No	Tile_34	NA
3916	Turbine Delivery Route Option 1	Limerick	96525	TDR 25m Intervals	524907.27	651722.70	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2634.40	No	No	No	No	No	Tile_34	NA
3917	Turbine Delivery Route Option 1	Limerick	96550	TDR 25m Intervals	524883.58	651730.68	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2652.13	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3918	Turbine Delivery Route Option 1	Limerick	96575	TDR 25m Intervals	524859.89	651738.66	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2669.97	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3919	Turbine Delivery Route Option 1	Limerick		TDR_WCC_155	524844.22	651748.23	WCC		Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2669.97	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3920	Turbine Delivery Route Option 1	Limerick	96600	TDR 25m Intervals	524838.61	651751.63	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2683.61	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3921	Turbine Delivery Route Option 1	Limerick	96625	TDR 25m Intervals	524817.67	651765.28	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	Moderate (M)	5 to 10m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2696.83	No	No	No	No	No	Tile_34	ELEVATED RISK Within SW Buffer Zone
3922	Turbine Delivery Route Option 1	Limerick	96650	TDR 25m Intervals	524796.73	651778.93	NA	NA	Yes	FOYNES_010	FOYNES_010	Shanagolden[Stream]_SC_010	High (H)	3 to 5m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2710.21	No	No	Lower River Shann	River Shannon and	No	Tile_34	ELEVATED RISK Within SW Buffer Zone Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA
3923	Turbine Delivery Route Option 1	Limerick	96675	TDR 25m Intervals	524775.79	651792.59	NA	NA	No	NA	FOYNES_010	Shanagolden[Stream]_SC	High (H)	3 to 5m	(Pu) Poor Aquifer - Bedrock which is Generally Unproductive	NA	NA	2723.76	No	No	Lower River Shann	River Shannon and	No	Tile_34	ELEVATED RISK Within Lower River Shannon SAC Buffer Within River Shannon and River Fergus Estuaries SPA

EIAR VOLUME III
Appendices

CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.3b: Turbine Delivery Route 2 Assessment Database – Cork

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1	Turbine Delivery Route Option 2	Cork	0	TDR 25m intervals	549835.06	604804.30	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	656.52	No	No	No	No	No	Tile_02	NA
2	Turbine Delivery Route Option 2	Cork	25	TDR 25m intervals	549845.49	604781.58	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	632.77	No	No	No	No	No	Tile_02	NA
3	Turbine Delivery Route Option 2	Cork	50	TDR 25m intervals	549855.91	604758.86	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	609.13	No	No	No	No	No	Tile_02	NA
4	Turbine Delivery Route Option 2	Cork	75	TDR 25m intervals	549867.10	604736.60	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	585.38	No	No	No	No	No	Tile_02	NA
5	Turbine Delivery Route Option 2	Cork	100	TDR 25m intervals	549882.49	604716.90	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	560.56	No	No	No	No	No	Tile_02	NA
6	Turbine Delivery Route Option 2	Cork	125	TDR 25m intervals	549897.87	604697.19	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	535.75	No	No	No	No	No	Tile_02	NA
7	Turbine Delivery Route Option 2	Cork	150	TDR 25m intervals	549919.69	604686.99	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	513.12	No	No	No	No	No	Tile_02	NA
8	Turbine Delivery Route Option 2	Cork	175	TDR 25m intervals	549943.70	604680.03	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	491.50	No	No	No	No	No	Tile_02	NA
9	Turbine Delivery Route Option 2	Cork	200	TDR 25m intervals	549968.20	604683.15	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	477.49	No	No	No	No	No	Tile_02	NA
10	Turbine Delivery Route Option 2	Cork	225	TDR 25m intervals	549992.77	604687.78	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	465.53	No	No	No	No	No	Tile_02	NA
11	Turbine Delivery Route Option 2	Cork	250	TDR 25m intervals	550016.53	604694.60	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	456.88	No	No	No	No	No	Tile_02	NA
12	Turbine Delivery Route Option 2	Cork	275	TDR 25m intervals	550038.33	604706.85	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	455.08	No	No	No	No	No	Tile_02	NA
13	Turbine Delivery Route Option 2	Cork	300	TDR 25m intervals	550060.12	604719.10	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	454.64	No	No	No	No	No	Tile_02	NA
14	Turbine Delivery Route Option 2	Cork	325	TDR 25m intervals	550081.92	604731.34	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	455.58	No	No	No	No	No	Tile_02	NA
15	Turbine Delivery Route Option 2	Cork	350	TDR 25m intervals	550103.71	604743.59	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	457.88	No	No	No	No	No	Tile_02	NA
16	Turbine Delivery Route Option 2	Cork	375	TDR 25m intervals	550125.51	604755.84	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	461.53	No	No	No	No	No	Tile_02	NA
17	Turbine Delivery Route Option 2	Cork	400	TDR 25m intervals	550147.22	604768.23	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	466.65	No	No	No	No	No	Tile_02	NA
18	Turbine Delivery Route Option 2	Cork	425	TDR 25m intervals	550168.81	604780.84	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	473.29	No	No	No	No	No	Tile_02	NA
19	Turbine Delivery Route Option 2	Cork	450	TDR 25m intervals	550190.40	604793.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	481.13	No	No	No	No	No	Tile_02	NA
20	Turbine Delivery Route Option 2	Cork	475	TDR 25m intervals	550211.98	604806.05	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	490.12	No	No	No	No	No	Tile_02	NA
21	Turbine Delivery Route Option 2	Cork	500	TDR 25m intervals	550233.57	604818.66	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	500.20	No	No	No	No	No	Tile_02	NA
22	Turbine Delivery Route Option 2	Cork	525	TDR 25m intervals	550255.16	604831.27	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	511.31	No	No	No	No	No	Tile_02	NA
23	Turbine Delivery Route Option 2	Cork	550	TDR 25m intervals	550276.75	604843.88	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	523.38	No	No	No	No	No	Tile_02	NA
24	Turbine Delivery Route Option 2	Cork	575	TDR 25m intervals	550298.34	604856.48	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	536.34	No	No	No	No	No	Tile_02	NA
25	Turbine Delivery Route Option 2	Cork	600	TDR 25m intervals	550319.47	604869.79	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	550.79	No	No	No	No	No	Tile_02	NA
26	Turbine Delivery Route Option 2	Cork	625	TDR 25m intervals	550339.85	604884.28	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	567.08	No	No	No	No	No	Tile_02	NA
27	Turbine Delivery Route Option 2	Cork	650	TDR 25m intervals	550360.22	604898.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	583.98	No	No	No	No	No	Tile_02	NA
28	Turbine Delivery Route Option 2	Cork	675	TDR 25m intervals	550380.59	604913.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	601.44	No	No	No	No	No	Tile_02	NA
29	Turbine Delivery Route Option 2	Cork	700	TDR 25m intervals	550400.96	604927.75	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	619.43	No	No	No	No	No	Tile_02	NA
30	Turbine Delivery Route Option 2	Cork	725	TDR 25m intervals	550421.34	604942.24	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	637.88	No	No	No	No	No	Tile_02	NA
31	Turbine Delivery Route Option 2	Cork	750	TDR 25m intervals	550441.71	604956.73	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	656.77	No	No	No	No	No	Tile_02	NA
32	Turbine Delivery Route Option 2	Cork	775	TDR 25m intervals	550463.37	604969.07	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	674.34	No	No	No	No	No	Tile_02	NA
33	Turbine Delivery Route Option 2	Cork	800	TDR 25m intervals	550485.73	604980.26	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	691.48	No	No	No	No	No	Tile_02	NA
34	Turbine Delivery Route Option 2	Cork	825	TDR 25m intervals	550508.08	604991.45	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	709.07	No	No	No	No	No	Tile_02	NA
35	Turbine Delivery Route Option 2	Cork	850	TDR 25m intervals	550530.44	605002.64	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	727.11	No	No	No	No	No	Tile_02	NA
36	Turbine Delivery Route Option 2	Cork	875	TDR 25m intervals	550552.80	605013.83	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	745.54	No	No	No	No	No	Tile_02	NA
37	Turbine Delivery Route Option 2	Cork	900	TDR 25m intervals	550575.15	605025.02	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	764.35	No	No	No	No	No	Tile_02	NA
38	Turbine Delivery Route Option 2	Cork	925	TDR 25m intervals	550597.51	605036.21	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	755.26	No	No	No	No	No	Tile_02	NA
39	Turbine Delivery Route Option 2	Cork	950	TDR 25m intervals	550619.86	605047.40	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	739.28	No	No	No	No	No	Tile_02	NA
40	Turbine Delivery Route Option 2	Cork	975	TDR 25m intervals	550642.22	605058.59	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	723.81	No	No	No	No	No	Tile_02	NA
41	Turbine Delivery Route Option 2	Cork	1000	TDR 25m intervals	550664.58	605069.78	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	708.89	No	No	No	No	No	Tile_02	NA
42	Turbine Delivery Route Option 2	Cork	1025	TDR 25m intervals	550686.99	605080.84	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	694.66	No	No	No	No	No	Tile_02	NA
43	Turbine Delivery Route Option 2	Cork	1050	TDR 25m intervals	550709.85	605090.96	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	681.95	No	No	No	No	No	Tile_02	NA
44	Turbine Delivery Route Option 2	Cork	1075	TDR 25m intervals	550732.71	605101.08	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	669.94	No	No	No	No	No	Tile_02	NA
45	Turbine Delivery Route Option 2	Cork	1100	TDR 25m intervals	550755.57	605111.20	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	658.65	No	No	No	No	No	Tile_02	NA
46	Turbine Delivery Route Option 2	Cork	1125	TDR 25m intervals	550778.43	605121.32	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	648.13	No	No	No	No	No	Tile_02	NA
47	Turbine Delivery Route Option 2	Cork	1150	TDR 25m intervals	550792.34	605104.17	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	665.43	No	No	No	No	No	Tile_02	NA
48	Turbine Delivery Route Option 2	Cork	1175	TDR 25m intervals	550804.75	605082.47	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	687.49	No	No	No	No	No	Tile_02	NA
49	Turbine Delivery Route Option 2	Cork	1200	TDR 25m intervals	550817.16	605060.77	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(PI) Poor Aquifer - E	NA	NA	709.75	No	No	No	No	No	Tile_02	NA
50	Turbine Delivery Route Option 2	Cork	1225	TDR 25m intervals	550829.57	605039.07	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	727.86	No	No	No	No	No	Tile_02	NA
51	Turbine Delivery Route Option 2	Cork	1250	TDR 25m intervals	550841.98	605017.37	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	703.66	No	No	No	No	No	Tile_02	NA
52	Turbine Delivery Route Option 2	Cork	1275	TDR 25m intervals	550854.40	604995.66	NA	NA	No	NA	AWBEG (Buttevant)_030	Awbeg[Buttevant]_SC_020	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	679.52	No	No	No	No	No	Tile_02	NA
53	Turbine Delivery Route Option 2	Cork	1300	TDR 25m intervals	550866.81	604973.96	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	655.44	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
54	Turbine Delivery Route Option 2	Cork	1325	TDR 25m intervals	550879.22	604952.26	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	631.44	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
55	Turbine Delivery Route Option 2	Cork	1350	TDR 25m intervals	550891.63	604930.56	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	607.51	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
56	Turbine Delivery Route Option 2	Cork	1375	TDR 25m intervals	550906.49	604910.77	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	585.05	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
57	Turbine Delivery Route Option 2	Cork	1400	TDR 25m intervals	550924.52	604893.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	564.65	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
58	Turbine Delivery Route Option 2	Cork	1425	TDR 25m intervals	550942.54	604876.12	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	544.64	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
59	Turbine Delivery Route Option 2	Cork	1450	TDR 25m intervals	550960.57	604858.80	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	525.05	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
60	Turbine Delivery Route Option 2	Cork	1475	TDR 25m intervals	550978.60	604841.48	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	505.94	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
61	Turbine Delivery Route Option 2	Cork	1500	TDR 25m intervals	550996.62	604824.16	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	487.36	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
62	Turbine Delivery Route Option 2	Cork	1525	TDR 25m intervals	551014.65	604806.84	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	469.39	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
63	Turbine Delivery Route Option 2	Cork	1550	TDR 25m intervals	551032.68	604789.52	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	452.08	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
64	Turbine Delivery Route Option 2	Cork	1575	TDR 25m intervals	551050.70	604772.19	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	435.51	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
65	Turbine Delivery Route Option 2	Cork	1600	TDR 25m intervals	551068.73	604754.87	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	419.79	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
66	Turbine Delivery Route Option 2	Cork	1625	TDR 25m intervals	551086.76	604737.55	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(PI) Poor Aquifer - E	NA	NA	404.99	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
67	Turbine Delivery Route Option 2	Cork	1650	TDR 25m intervals	551104.78	604720.23	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	391.24	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
68	Turbine Delivery Route Option 2	Cork	1675	TDR 25m intervals	551122.81	604702.91	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	368.79	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
69	Turbine Delivery Route Option 2	Cork	1700	TDR 25m intervals	551140.84	604685.59	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	354.20	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
70	Turbine Delivery Route Option 2	Cork	1725	TDR 25m intervals	551158.86	604668.27	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	340.82	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
71	Turbine Delivery Route Option 2	Cork	1750	TDR 25m intervals	551176.89	604650.94	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	328.80	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
72	Turbine Delivery Route Option 2	Cork	1775	TDR 25m intervals	551194.92	604633.62	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	318.29	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
73	Turbine Delivery Route Option 2	Cork	1800	TDR 25m intervals	551212.94	604616.30	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	309.45	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
74	Turbine Delivery Route Option 2	Cork	1825	TDR 25m intervals	551230.97	604598.98	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	302.42	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
75	Turbine Delivery Route Option 2	Cork	1850	TDR 25m intervals	551249.00	604581.66	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	297.34	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
76	Turbine Delivery Route Option 2	Cork	1875	TDR 25m intervals	551267.03	604564.34	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	294.30	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
77	Turbine Delivery Route Option 2	Cork	1900	TDR 25m intervals	551285.05	604547.02	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	293.37	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
78	Turbine Delivery Route Option 2	Cork	1925	TDR 25m intervals	551303.08	604529.69	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	294.56	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
79	Turbine Delivery Route Option 2	Cork	1950	TDR 25m intervals	551321.11	604512.37	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	297.86	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
80	Turbine Delivery Route Option 2	Cork	1975	TDR 25m intervals	551339.13	604495.05	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	303.19	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
81	Turbine Delivery Route Option 2	Cork	2000	TDR 25m intervals	551357.16	604477.73	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	290.97	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
82	Turbine Delivery Route Option 2	Cork	2025	TDR 25m intervals	551375.19	604460.41	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	280.82	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
83	Turbine Delivery Route Option 2	Cork	2050	TDR 25m intervals	551393.21	604443.09	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	272.60	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
84	Turbine Delivery Route Option 2	Cork	2075	TDR 25m intervals	551411.24	604425.77	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	266.47	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
85	Turbine Delivery Route Option 2	Cork	2100	TDR 25m intervals	551429.27	604408.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	262.60	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
86	Turbine Delivery Route Option 2	Cork	2125	TDR 25m intervals	551447.29	604391.12	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	261.07	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
87	Turbine Delivery Route Option 2	Cork	2150	TDR 25m intervals	551465.32	604373.80	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	261.93	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
88	Turbine Delivery Route Option 2	Cork	2175	TDR 25m intervals	551483.35	604356.48	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	265.15	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
89	Turbine Delivery Route Option 2	Cork	2200	TDR 25m intervals	551501.37	604339.16	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	270.66	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
90	Turbine Delivery Route Option 2	Cork	2225	TDR 25m intervals	551519.40	604321.84	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	278.31	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
91	Turbine Delivery Route Option 2	Cork	2250	TDR 25m intervals	551537.43	604304.51	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	287.94	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
92	Turbine Delivery Route Option 2	Cork	2275	TDR 25m intervals	551555.45	604287.19	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	299.35	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
93	Turbine Delivery Route Option 2	Cork	2300	TDR 25m intervals	551573.48	604269.87	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	312.35	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
94	Turbine Delivery Route Option 2	Cork	2325	TDR 25m intervals	551591.51	604252.55	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	326.75	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
95	Turbine Delivery Route Option 2	Cork	2350	TDR 25m intervals	551609.54	604235.23	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	342.37	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
96	Turbine Delivery Route Option 2	Cork	2375	TDR 25m intervals	551627.56	604217.91	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	359.06	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
97	Turbine Delivery Route Option 2	Cork	2400	TDR 25m intervals	551645.59	604200.59	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	376.66	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
98	Turbine Delivery Route Option 2	Cork	2425	TDR 25m intervals	551663.62	604183.26	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	395.07	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
99	Turbine Delivery Route Option 2	Cork	2450	TDR 25m intervals	551681.64	604165.94	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	414.17	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
100	Turbine Delivery Route Option 2	Cork	2475	TDR 25m intervals	551699.67	604148.62	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	433.87	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
101	Turbine Delivery Route Option 2	Cork	2500	TDR 25m intervals	551717.70	604131.30	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	454.09	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
102	Turbine Delivery Route Option 2	Cork	2525	TDR 25m intervals	551735.72	604113.98	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	474.76	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
103	Turbine Delivery Route Option 2	Cork	2550	TDR 25m intervals	551753.75	604096.66	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	495.84	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
104	Turbine Delivery Route Option 2	Cork	2575	TDR 25m intervals	551771.78	604079.33	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	517.26	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
105	Turbine Delivery Route Option 2	Cork	2600	TDR 25m intervals	551789.80	604062.01	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	539.00	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
106	Turbine Delivery Route Option 2	Cork	2625	TDR 25m intervals	551807.83	604044.69	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	561.00	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
107	Turbine Delivery Route Option 2	Cork	2650	TDR 25m intervals	551825.86	604027.37	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	583.25	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
108	Turbine Delivery Route Option 2	Cork	2675	TDR 25m intervals	551843.88	604010.05	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	605.72	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
109	Turbine Delivery Route Option 2	Cork	2700	TDR 25m intervals	551861.91	603992.73	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	628.37	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
110	Turbine Delivery Route Option 2	Cork	2725	TDR 25m intervals	551879.94	603975.41	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	651.20	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
111	Turbine Delivery Route Option 2	Cork	2750	TDR 25m intervals	551897.96	603958.08	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	674.18	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
112	Turbine Delivery Route Option 2	Cork	2775	TDR 25m intervals	551915.99	603940.76	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	697.30	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
113	Turbine Delivery Route Option 2	Cork	2800	TDR 25m intervals	551934.02	603923.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	720.55	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within MOUNTNORTH RWSS Source Protection Area
114	Turbine Delivery Route Option 2	Cork	2825	TDR 25m intervals	551952.05	603906.12	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	743.91	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
115	Turbine Delivery Route Option 2	Cork	2850	TDR 25m intervals	551970.07	603888.80	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	767.37	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
116	Turbine Delivery Route Option 2	Cork	2875	TDR 25m intervals	551988.10	603871.48	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	790.93	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
117	Turbine Delivery Route Option 2	Cork	2900	TDR 25m intervals	552006.13	603854.16	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	814.57	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
118	Turbine Delivery Route Option 2	Cork	2925	TDR 25m intervals	552023.77	603836.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	838.12	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
119	Turbine Delivery Route Option 2	Cork	2950	TDR 25m intervals	552041.41	603818.73	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	861.75	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
120	Turbine Delivery Route Option 2	Cork	2975	TDR 25m intervals	552059.05	603801.01	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	885.45	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
121	Turbine Delivery Route Option 2	Cork	3000	TDR 25m intervals	552076.68	603783.29	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	912.54	No	MOUNTNORTH RWSS	No	No	No	Tile_02	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
122	Turbine Delivery Route Option 2	Cork	3025	TDR 25m intervals	552094.32	603765.58	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	912.51	No	No	No	No	No	Tile_02	NA
123	Turbine Delivery Route Option 2	Cork	3050	TDR 25m intervals	552111.96	603747.86	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	913.16	No	No	No	No	No	Tile_02	NA
124	Turbine Delivery Route Option 2	Cork	3075	TDR 25m intervals	552130.82	603731.86	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	916.55	No	No	No	No	No	Tile_02	NA
125	Turbine Delivery Route Option 2	Cork	3100	TDR 25m intervals	552153.35	603721.02	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	926.70	No	No	No	No	No	Tile_02	NA
126	Turbine Delivery Route Option 2	Cork	3125	TDR 25m intervals	552175.88	603710.18	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	937.41	No	No	No	No	No	Tile_02	NA
127	Turbine Delivery Route Option 2	Cork	3150	TDR 25m intervals	552196.91	603697.93	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	946.62	No	No	No	No	No	Tile_02	NA
128	Turbine Delivery Route Option 2	Cork	3175	TDR 25m intervals	552206.51	603674.85	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	926.34	No	No	No	No	No	Tile_02	NA
129	Turbine Delivery Route Option 2	Cork	3200	TDR 25m intervals	552216.11	603651.76	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	901.54	No	No	No	No	No	Tile_02	NA
130	Turbine Delivery Route Option 2	Cork	3225	TDR 25m intervals	552225.70	603628.68	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	876.75	No	No	No	No	No	Tile_02	NA
131	Turbine Delivery Route Option 2	Cork	3250	TDR 25m intervals	552227.59	603603.87	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	854.42	No	No	No	No	No	Tile_02	NA
132	Turbine Delivery Route Option 2	Cork	3275	TDR 25m intervals	552228.76	603578.89	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	832.47	No	No	No	No	No	Tile_02	NA
133	Turbine Delivery Route Option 2	Cork	3300	TDR 25m intervals	552229.92	603553.92	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	810.70	No	No	No	No	No	Tile_02	NA
134	Turbine Delivery Route Option 2	Cork	3325	TDR 25m intervals	552231.08	603528.95	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	789.13	No	No	No	No	No	Tile_02	NA
135	Turbine Delivery Route Option 2	Cork	3350	TDR 25m intervals	552232.24	603503.97	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	767.76	No	No	No	No	No	Tile_02	NA
136	Turbine Delivery Route Option 2	Cork	3375	TDR 25m intervals	552236.98	603479.61	NA	NA	Yes	BALLYCLOGH STREAM_010	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	745.05	No	No	No	No	No	Tile_02	ELEVATED RISK Within SW Buffer Zone
137	Turbine Delivery Route Option 2	Cork	3400	TDR 25m intervals	552244.12	603455.65	NA	NA	Yes	BALLYCLOGH STREAM_010	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	721.39	No	No	No	No	No	Tile_02	ELEVATED RISK Within SW Buffer Zone
138	Turbine Delivery Route Option 2	Cork		TDR_WCC_201	552243.02	603441.90	WCC		Yes	BALLYCLOGH STREAM_010	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	721.39	No	No	No	No	No	Tile_02	ELEVATED RISK Within SW Buffer Zone
139	Turbine Delivery Route Option 2	Cork	3425	TDR 25m intervals	552251.26	603431.69	NA	NA	Yes	BALLYCLOGH STREAM_010	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	697.83	No	No	No	No	No	Tile_02	ELEVATED RISK Within SW Buffer Zone
140	Turbine Delivery Route Option 2	Cork	3450	TDR 25m intervals	552258.40	603407.73	NA	NA	Yes	BALLYCLOGH STREAM_010	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	674.37	No	No	No	No	No	Tile_02	ELEVATED RISK Within SW Buffer Zone
141	Turbine Delivery Route Option 2	Cork	3475	TDR 25m intervals	552265.55	603383.78	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	651.03	No	No	No	No	No	Tile_02	NA
142	Turbine Delivery Route Option 2	Cork	3500	TDR 25m intervals	552275.33	603361.28	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	627.31	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
143	Turbine Delivery Route Option 2	Cork	3525	TDR 25m intervals	552291.83	603342.50	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	602.33	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
144	Turbine Delivery Route Option 2	Cork	3550	TDR 25m intervals	552308.34	603323.72	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	577.36	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
145	Turbine Delivery Route Option 2	Cork	3575	TDR 25m intervals	552324.84	603304.94	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	552.39	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
146	Turbine Delivery Route Option 2	Cork	3600	TDR 25m intervals	552341.35	603286.17	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	527.43	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
147	Turbine Delivery Route Option 2	Cork	3625	TDR 25m intervals	552357.85	603267.39	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	502.47	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
148	Turbine Delivery Route Option 2	Cork	3650	TDR 25m intervals	552374.35	603248.61	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	477.51	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
149	Turbine Delivery Route Option 2	Cork	3675	TDR 25m intervals	552390.86	603229.83	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	452.56	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
150	Turbine Delivery Route Option 2	Cork	3700	TDR 25m intervals	552407.36	603211.06	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	427.62	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
151	Turbine Delivery Route Option 2	Cork	3725	TDR 25m intervals	552423.87	603192.28	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	402.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
152	Turbine Delivery Route Option 2	Cork	3750	TDR 25m intervals	552439.47	603172.77	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	377.71	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
153	Turbine Delivery Route Option 2	Cork	3775	TDR 25m intervals	552454.41	603152.72	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	352.70	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
154	Turbine Delivery Route Option 2	Cork	3800	TDR 25m intervals	552469.35	603132.68	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	327.70	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
155	Turbine Delivery Route Option 2	Cork	3825	TDR 25m intervals	552484.28	603112.63	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	302.69	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
156	Turbine Delivery Route Option 2	Cork	3850	TDR 25m intervals	552499.22	603092.58	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	277.69	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
157	Turbine Delivery Route Option 2	Cork	3875	TDR 25m intervals	552514.16	603072.54	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	252.69	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
158	Turbine Delivery Route Option 2	Cork	3900	TDR 25m intervals	552529.09	603052.49	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	227.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
159	Turbine Delivery Route Option 2	Cork	3925	TDR 25m intervals	552544.03	603032.44	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	202.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
160	Turbine Delivery Route Option 2	Cork	3950	TDR 25m intervals	552558.97	603012.40	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	177.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
161	Turbine Delivery Route Option 2	Cork	3975	TDR 25m intervals	552573.91	602992.35	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	152.68	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
162	Turbine Delivery Route Option 2	Cork	4000	TDR 25m intervals	552588.84	602972.30	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	127.67	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
163	Turbine Delivery Route Option 2	Cork	4025	TDR 25m intervals	552603.36	602951.95	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	102.69	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
164	Turbine Delivery Route Option 2	Cork	4050	TDR 25m intervals	552617.64	602931.43	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	77.73	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
165	Turbine Delivery Route Option 2	Cork	4075	TDR 25m intervals	552631.92	602910.91	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	SWALLOW HOLE	52.81	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
166	Turbine Delivery Route Option 2	Cork	4100	TDR 25m intervals	552646.20	602890.39	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Im	NA	SWALLOW HOLE	28.04	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
167	Turbine Delivery Route Option 2	Cork	4125	TDR 25m intervals	552660.48	602869.87	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Im	NA	SWALLOW HOLE	5.87	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
168	Turbine Delivery Route Option 2	Cork	4150	TDR 25m intervals	552674.76	602849.35	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Im	NA	SWALLOW HOLE	23.08	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
169	Turbine Delivery Route Option 2	Cork	4175	TDR 25m intervals	552689.05	602828.83	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	SWALLOW HOLE	47.77	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
170	Turbine Delivery Route Option 2	Cork	4200	TDR 25m intervals	552703.33	602808.31	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	SWALLOW HOLE	72.67	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer
171	Turbine Delivery Route Option 2	Cork	4225	TDR 25m intervals	552717.61	602787.80	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	97.62	No	No	No	No	No	Tile_02	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
172	Turbine Delivery Route Option 2	Cork	4250	TDR 25m intervals	552731.89	602767.28	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	122.60	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
173	Turbine Delivery Route Option 2	Cork	4275	TDR 25m intervals	552746.17	602746.76	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	147.58	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
174	Turbine Delivery Route Option 2	Cork	4300	TDR 25m intervals	552760.45	602726.24	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	172.57	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
175	Turbine Delivery Route Option 2	Cork	4325	TDR 25m intervals	552774.73	602705.72	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	197.57	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
176	Turbine Delivery Route Option 2	Cork	4350	TDR 25m intervals	552789.02	602685.20	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	222.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
177	Turbine Delivery Route Option 2	Cork	4375	TDR 25m intervals	552803.30	602664.68	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	247.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
178	Turbine Delivery Route Option 2	Cork	4400	TDR 25m intervals	552817.58	602644.16	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	272.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
179	Turbine Delivery Route Option 2	Cork	4425	TDR 25m intervals	552831.86	602623.64	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	297.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
180	Turbine Delivery Route Option 2	Cork	4450	TDR 25m intervals	552846.14	602603.12	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	322.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
181	Turbine Delivery Route Option 2	Cork	4475	TDR 25m intervals	552860.42	602582.60	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	347.56	No	No	No	No	No	Tile_03	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
182	Turbine Delivery Route Option 2	Cork	4500	TDR 25m intervals	552874.71	602562.08	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importar	NA	NA	372.56	No	No	No	No	No	Tile_03	NA
183	Turbine Delivery Route Option 2	Cork	4525	TDR 25m intervals	552888.99	602541.56	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	397.56	No	No	No	No	No	Tile_03	NA
184	Turbine Delivery Route Option 2	Cork	4550	TDR 25m intervals	552903.27	602521.05	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	422.56	No	No	No	No	No	Tile_03	NA
185	Turbine Delivery Route Option 2	Cork	4575	TDR 25m intervals	552917.55	602500.53	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	447.56	No	No	No	No	No	Tile_03	NA
186	Turbine Delivery Route Option 2	Cork	4600	TDR 25m intervals	552931.83	602480.01	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	472.57	No	No	No	No	No	Tile_03	NA
187	Turbine Delivery Route Option 2	Cork	4625	TDR 25m intervals	552946.11	602459.49	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	497.57	No	No	No	No	No	Tile_03	NA
188	Turbine Delivery Route Option 2	Cork	4650	TDR 25m intervals	552960.40	602438.97	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	522.57	No	No	No	No	No	Tile_03	NA
189	Turbine Delivery Route Option 2	Cork	4675	TDR 25m intervals	552974.68	602418.45	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	547.57	No	No	No	No	No	Tile_03	NA
190	Turbine Delivery Route Option 2	Cork	4700	TDR 25m intervals	552988.96	602397.93	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	572.58	No	No	No	No	No	Tile_03	NA
191	Turbine Delivery Route Option 2	Cork	4725	TDR 25m intervals	553003.24	602377.41	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	597.58	No	No	No	No	No	Tile_03	NA
192	Turbine Delivery Route Option 2	Cork	4750	TDR 25m intervals	553017.52	602356.89	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	622.58	No	No	No	No	No	Tile_03	NA
193	Turbine Delivery Route Option 2	Cork	4775	TDR 25m intervals	553031.80	602336.37	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	647.58	No	No	No	No	No	Tile_03	NA
194	Turbine Delivery Route Option 2	Cork	4800	TDR 25m intervals	553046.08	602315.85	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	672.59	No	No	No	No	No	Tile_03	NA
195	Turbine Delivery Route Option 2	Cork	4825	TDR 25m intervals	553060.37	602295.33	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importar	NA	NA	697.59	No	No	No	No	No	Tile_03	NA
196	Turbine Delivery Route Option 2	Cork	4850	TDR 25m intervals	553074.65	602274.81	NA	NA	No	NA	BALLYCLOGH STREAM_010	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	722.59	No	No	No	No	No	Tile_03	NA
197	Turbine Delivery Route Option 2	Cork	4875	TDR 25m intervals	553088.93	602254.30	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	747.60	No	No	No	No	No	Tile_03	NA
198	Turbine Delivery Route Option 2	Cork	4900	TDR 25m intervals	553103.21	602233.78	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	772.60	No	No	No	No	No	Tile_03	NA
199	Turbine Delivery Route Option 2	Cork	4925	TDR 25m intervals	553117.49	602213.26	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	797.60	No	No	No	No	No	Tile_03	NA
200	Turbine Delivery Route Option 2	Cork	4950	TDR 25m intervals	553131.77	602192.74	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	822.61	No	No	No	No	No	Tile_03	NA
201	Turbine Delivery Route Option 2	Cork	4975	TDR 25m intervals	553146.86	602172.82	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	847.58	No	No	No	No	No	Tile_03	NA
202	Turbine Delivery Route Option 2	Cork	5000	TDR 25m intervals	553162.28	602153.14	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	872.53	No	No	No	No	No	Tile_03	NA
203	Turbine Delivery Route Option 2	Cork	5025	TDR 25m intervals	553177.71	602133.46	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	897.49	No	No	No	No	No	Tile_03	NA
204	Turbine Delivery Route Option 2	Cork	5050	TDR 25m intervals	553193.13	602113.79	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	922.46	No	No	No	No	No	Tile_03	NA
205	Turbine Delivery Route Option 2	Cork	5075	TDR 25m intervals	553208.55	602094.11	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	947.42	No	No	No	No	No	Tile_03	NA
206	Turbine Delivery Route Option 2	Cork	5100	TDR 25m intervals	553223.97	602074.44	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	972.39	No	No	No	No	No	Tile_03	NA
207	Turbine Delivery Route Option 2	Cork	5125	TDR 25m intervals	553239.40	602054.76	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	997.36	No	No	No	No	No	Tile_03	NA
208	Turbine Delivery Route Option 2	Cork	5150	TDR 25m intervals	553254.82	602035.08	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1022.33	No	No	No	No	No	Tile_03	NA
209	Turbine Delivery Route Option 2	Cork	5175	TDR 25m intervals	553270.24	602015.41	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1047.30	No	No	No	No	No	Tile_03	NA
210	Turbine Delivery Route Option 2	Cork	5200	TDR 25m intervals	553285.66	601995.73	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1072.27	No	No	No	No	No	Tile_03	NA
211	Turbine Delivery Route Option 2	Cork	5225	TDR 25m intervals	553301.09	601976.06	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1097.25	No	No	No	No	No	Tile_03	NA
212	Turbine Delivery Route Option 2	Cork	5250	TDR 25m intervals	553316.51	601956.38	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1122.22	No	No	No	No	No	Tile_03	NA
213	Turbine Delivery Route Option 2	Cork	5275	TDR 25m intervals	553331.93	601936.70	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1147.20	No	No	No	No	No	Tile_03	NA
214	Turbine Delivery Route Option 2	Cork	5300	TDR 25m intervals	553347.35	601917.03	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1172.18	No	No	No	No	No	Tile_03	NA
215	Turbine Delivery Route Option 2	Cork	5325	TDR 25m intervals	553362.78	601897.35	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	1197.16	No	No	No	No	No	Tile_03	NA
216	Turbine Delivery Route Option 2	Cork	5350	TDR 25m intervals	553378.20	601877.68	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importar	NA	NA	1222.14	No	No	No	No	No	Tile_03	NA
217	Turbine Delivery Route Option 2	Cork	5375	TDR 25m intervals	553393.62	601858.00	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importar	NA	NA	1247.12	No	No	No	No	No	Tile_03	NA
218	Turbine Delivery Route Option 2	Cork	5400	TDR 25m intervals	553409.05	601838.32	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importar	NA	NA	1272.10	No	No	No	No	No	Tile_03	NA
219	Turbine Delivery Route Option 2	Cork	5425	TDR 25m intervals	553424.47	601818.65	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importar	NA	NA	1297.08	No	No	No	No	No	Tile_03	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
220	Turbine Delivery Route Option 2	Cork	5450	TDR 25m intervals	553439.89	601798.97	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1322.07	No	No	No	No	No	Tile_03	NA
221	Turbine Delivery Route Option 2	Cork	5475	TDR 25m intervals	553455.31	601779.30	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1347.05	No	No	No	No	No	Tile_03	NA
222	Turbine Delivery Route Option 2	Cork	5500	TDR 25m intervals	553470.73	601759.62	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1372.04	No	No	No	No	No	Tile_03	NA
223	Turbine Delivery Route Option 2	Cork	5525	TDR 25m intervals	553486.16	601739.94	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1397.02	No	No	No	No	No	Tile_03	NA
224	Turbine Delivery Route Option 2	Cork	5550	TDR 25m intervals	553501.58	601720.27	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1422.01	No	No	No	No	No	Tile_03	NA
225	Turbine Delivery Route Option 2	Cork	5575	TDR 25m intervals	553517.00	601700.59	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1447.00	No	No	No	No	No	Tile_03	NA
226	Turbine Delivery Route Option 2	Cork	5600	TDR 25m intervals	553532.43	601680.92	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1471.98	No	No	No	No	No	Tile_03	NA
227	Turbine Delivery Route Option 2	Cork	5625	TDR 25m intervals	553547.85	601661.24	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1496.97	No	No	No	No	No	Tile_03	NA
228	Turbine Delivery Route Option 2	Cork	5650	TDR 25m intervals	553563.27	601641.56	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1521.96	No	No	No	No	No	Tile_03	NA
229	Turbine Delivery Route Option 2	Cork	5675	TDR 25m intervals	553578.69	601621.89	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1546.95	No	No	No	No	No	Tile_03	NA
230	Turbine Delivery Route Option 2	Cork	5700	TDR 25m intervals	553594.11	601602.21	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1571.94	No	No	No	No	No	Tile_03	NA
231	Turbine Delivery Route Option 2	Cork	5725	TDR 25m intervals	553609.54	601582.54	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1596.93	No	No	No	No	No	Tile_03	NA
232	Turbine Delivery Route Option 2	Cork	5750	TDR 25m intervals	553624.96	601562.86	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1621.92	No	No	No	No	No	Tile_03	NA
233	Turbine Delivery Route Option 2	Cork	5775	TDR 25m intervals	553640.38	601543.18	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1646.91	No	No	No	No	No	Tile_03	NA
234	Turbine Delivery Route Option 2	Cork	5800	TDR 25m intervals	553655.42	601523.21	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1671.91	No	No	No	No	No	Tile_03	NA
235	Turbine Delivery Route Option 2	Cork	5825	TDR 25m intervals	553670.44	601503.23	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1696.92	No	No	No	No	No	Tile_03	NA
236	Turbine Delivery Route Option 2	Cork	5850	TDR 25m intervals	553685.46	601483.24	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1721.92	No	No	No	No	No	Tile_03	NA
237	Turbine Delivery Route Option 2	Cork	5875	TDR 25m intervals	553700.48	601463.26	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1746.92	No	No	No	No	No	Tile_03	NA
238	Turbine Delivery Route Option 2	Cork	5900	TDR 25m intervals	553715.51	601443.28	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1771.92	No	No	No	No	No	Tile_03	NA
239	Turbine Delivery Route Option 2	Cork	5925	TDR 25m intervals	553730.53	601423.29	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1796.93	No	No	No	No	No	Tile_03	NA
240	Turbine Delivery Route Option 2	Cork	5950	TDR 25m intervals	553745.55	601403.31	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1821.93	No	No	No	No	No	Tile_03	NA
241	Turbine Delivery Route Option 2	Cork	5975	TDR 25m intervals	553760.57	601383.32	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1846.93	No	No	No	No	No	Tile_03	NA
242	Turbine Delivery Route Option 2	Cork	6000	TDR 25m intervals	553775.59	601363.34	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1871.93	No	No	No	No	No	Tile_03	NA
243	Turbine Delivery Route Option 2	Cork	6025	TDR 25m intervals	553790.61	601343.35	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1896.94	No	No	No	No	No	Tile_03	NA
244	Turbine Delivery Route Option 2	Cork	6050	TDR 25m intervals	553805.63	601323.37	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1921.94	No	No	No	No	No	Tile_03	NA
245	Turbine Delivery Route Option 2	Cork	6075	TDR 25m intervals	553820.65	601303.39	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1946.94	No	No	No	No	No	Tile_03	NA
246	Turbine Delivery Route Option 2	Cork	6100	TDR 25m intervals	553835.68	601283.40	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1971.94	No	No	No	No	No	Tile_03	NA
247	Turbine Delivery Route Option 2	Cork	6125	TDR 25m intervals	553850.70	601263.42	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	1996.95	No	No	No	No	No	Tile_03	NA
248	Turbine Delivery Route Option 2	Cork	6150	TDR 25m intervals	553865.72	601243.43	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2021.95	No	No	No	No	No	Tile_03	NA
249	Turbine Delivery Route Option 2	Cork	6175	TDR 25m intervals	553880.74	601223.45	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2046.95	No	No	No	No	No	Tile_03	NA
250	Turbine Delivery Route Option 2	Cork	6200	TDR 25m intervals	553895.76	601203.47	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2071.95	No	No	No	No	No	Tile_03	NA
251	Turbine Delivery Route Option 2	Cork	6225	TDR 25m intervals	553910.78	601183.48	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2096.96	No	No	No	No	No	Tile_03	NA
252	Turbine Delivery Route Option 2	Cork	6250	TDR 25m intervals	553925.80	601163.50	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2121.96	No	No	No	No	No	Tile_03	NA
253	Turbine Delivery Route Option 2	Cork	6275	TDR 25m intervals	553940.82	601143.51	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2146.96	No	No	No	No	No	Tile_03	NA
254	Turbine Delivery Route Option 2	Cork	6300	TDR 25m intervals	553955.84	601123.53	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2171.97	No	No	No	No	No	Tile_03	NA
255	Turbine Delivery Route Option 2	Cork	6325	TDR 25m intervals	553970.86	601103.55	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2196.97	No	No	No	No	No	Tile_03	NA
256	Turbine Delivery Route Option 2	Cork	6350	TDR 25m intervals	553985.89	601083.56	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2221.97	No	No	No	No	No	Tile_03	NA
257	Turbine Delivery Route Option 2	Cork	6375	TDR 25m intervals	554000.91	601063.58	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2246.98	No	No	No	No	No	Tile_03	NA
258	Turbine Delivery Route Option 2	Cork	6400	TDR 25m intervals	554015.93	601043.59	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2271.98	No	No	No	No	No	Tile_03	NA
259	Turbine Delivery Route Option 2	Cork	6425	TDR 25m intervals	554030.95	601023.61	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2296.98	No	No	No	No	No	Tile_03	NA
260	Turbine Delivery Route Option 2	Cork	6450	TDR 25m intervals	554045.97	601003.62	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2321.98	No	No	No	No	No	Tile_03	NA
261	Turbine Delivery Route Option 2	Cork	6475	TDR 25m intervals	554060.99	600983.64	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2346.99	No	No	No	No	No	Tile_03	NA
262	Turbine Delivery Route Option 2	Cork	6500	TDR 25m intervals	554076.01	600963.66	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2371.99	No	No	No	No	No	Tile_03	NA
263	Turbine Delivery Route Option 2	Cork	6525	TDR 25m intervals	554091.03	600943.67	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2396.99	No	No	No	No	No	Tile_03	NA
264	Turbine Delivery Route Option 2	Cork	6550	TDR 25m intervals	554106.05	600923.69	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2422.00	No	No	No	No	No	Tile_03	NA
265	Turbine Delivery Route Option 2	Cork	6575	TDR 25m intervals	554121.07	600903.70	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2447.00	No	No	No	No	No	Tile_03	NA
266	Turbine Delivery Route Option 2	Cork	6600	TDR 25m intervals	554136.10	600883.72	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2472.00	No	No	No	No	No	Tile_03	NA
267	Turbine Delivery Route Option 2	Cork	6625	TDR 25m intervals	554151.12	600863.73	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2497.01	No	No	No	No	No	Tile_03	NA
268	Turbine Delivery Route Option 2	Cork	6650	TDR 25m intervals	554166.14	600843.75	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2522.01	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
269	Turbine Delivery Route Option 2	Cork	6675	TDR 25m intervals	554181.16	600823.77	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2547.01	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
270	Turbine Delivery Route Option 2	Cork	6700	TDR 25m intervals	554196.18	600803.78	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2572.02	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
271	Turbine Delivery Route Option 2	Cork	6725	TDR 25m intervals	554211.20	600783.80	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2597.02	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
272	Turbine Delivery Route Option 2	Cork	6750	TDR 25m intervals	554226.22	600763.81	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2622.02	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
273	Turbine Delivery Route Option 2	Cork	6775	TDR 25m intervals	554241.24	600743.83	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2647.02	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
274	Turbine Delivery Route Option 2	Cork	6800	TDR 25m intervals	554256.27	600723.84	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2672.03	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
275	Turbine Delivery Route Option 2	Cork	6825	TDR 25m intervals	554271.29	600703.86	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2697.03	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
276	Turbine Delivery Route Option 2	Cork	6850	TDR 25m intervals	554286.31	600683.88	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2722.03	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
277	Turbine Delivery Route Option 2	Cork	6875	TDR 25m intervals	554301.33	600663.89	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2747.04	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
278	Turbine Delivery Route Option 2	Cork	6900	TDR 25m intervals	554316.35	600643.91	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2772.04	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
279	Turbine Delivery Route Option 2	Cork	6925	TDR 25m intervals	554331.37	600623.93	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2780.39	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
280	Turbine Delivery Route Option 2	Cork	6950	TDR 25m intervals	554346.39	600603.94	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2755.61	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
281	Turbine Delivery Route Option 2	Cork	6975	TDR 25m intervals	554361.41	600583.96	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2730.84	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
282	Turbine Delivery Route Option 2	Cork	7000	TDR 25m intervals	554376.43	600563.97	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2706.07	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
283	Turbine Delivery Route Option 2	Cork	7025	TDR 25m intervals	554391.45	600543.99	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2681.31	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
284	Turbine Delivery Route Option 2	Cork	7050	TDR 25m intervals	554406.48	600524.00	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2656.56	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
285	Turbine Delivery Route Option 2	Cork	7075	TDR 25m intervals	554421.50	600504.02	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2631.80	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
286	Turbine Delivery Route Option 2	Cork	7100	TDR 25m intervals	554436.52	600484.04	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2607.05	No	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within MOUNTNORTH RWSS Source Protection Area
287	Turbine Delivery Route Option 2	Cork	7125	TDR 25m intervals	554451.54	600464.05	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	2582.31	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
288	Turbine Delivery Route Option 2	Cork	7150	TDR 25m intervals	554466.56	600444.07	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	2557.57	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
289	Turbine Delivery Route Option 2	Cork	7175	TDR 25m intervals	554489.25	600434.42	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2534.66	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
290	Turbine Delivery Route Option 2	Cork	7200	TDR 25m intervals	554512.73	600425.81	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2511.98	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
291	Turbine Delivery Route Option 2	Cork	7225	TDR 25m intervals	554536.20	600417.21	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2489.34	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
292	Turbine Delivery Route Option 2	Cork	7250	TDR 25m intervals	554560.45	600412.10	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2468.70	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
293	Turbine Delivery Route Option 2	Cork	7275	TDR 25m intervals	554585.36	600410.01	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2449.84	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
294	Turbine Delivery Route Option 2	Cork	7300	TDR 25m intervals	554610.27	600407.92	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2431.10	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
295	Turbine Delivery Route Option 2	Cork	7325	TDR 25m intervals	554635.18	600405.83	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2412.48	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
296	Turbine Delivery Route Option 2	Cork	7350	TDR 25m intervals	554659.85	600401.76	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2392.68	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
297	Turbine Delivery Route Option 2	Cork	7375	TDR 25m intervals	554684.50	600397.61	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2372.94	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
298	Turbine Delivery Route Option 2	Cork		TDR_WCC_202	554699.35	600404.42	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2372.94	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
299	Turbine Delivery Route Option 2	Cork	7400	TDR 25m intervals	554709.16	600393.47	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2353.30	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
300	Turbine Delivery Route Option 2	Cork	7425	TDR 25m intervals	554733.81	600389.33	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2333.75	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
301	Turbine Delivery Route Option 2	Cork	7450	TDR 25m intervals	554747.48	600368.66	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2309.22	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
302	Turbine Delivery Route Option 2	Cork	7475	TDR 25m intervals	554760.85	600347.53	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2284.56	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
303	Turbine Delivery Route Option 2	Cork	7500	TDR 25m intervals	554774.22	600326.41	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2259.91	Yes	MOUNTNORTH RWSS	No	No	No	Tile_03	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
304	Turbine Delivery Route Option 2	Cork	7525	TDR 25m intervals	554787.58	600305.28	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2235.26	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
305	Turbine Delivery Route Option 2	Cork	7550	TDR 25m intervals	554800.95	600284.16	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2210.62	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
306	Turbine Delivery Route Option 2	Cork	7575	TDR 25m intervals	554814.32	600263.03	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2185.99	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
307	Turbine Delivery Route Option 2	Cork	7600	TDR 25m intervals	554827.69	600241.90	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2161.37	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
308	Turbine Delivery Route Option 2	Cork	7625	TDR 25m intervals	554841.06	600220.78	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2136.76	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
309	Turbine Delivery Route Option 2	Cork	7650	TDR 25m intervals	554854.43	600199.65	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2112.15	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
310	Turbine Delivery Route Option 2	Cork	7675	TDR 25m intervals	554867.80	600178.53	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2087.56	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
311	Turbine Delivery Route Option 2	Cork	7700	TDR 25m intervals	554881.16	600157.40	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2062.97	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
312	Turbine Delivery Route Option 2	Cork	7725	TDR 25m intervals	554894.53	600136.28	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2038.40	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
313	Turbine Delivery Route Option 2	Cork	7750	TDR 25m intervals	554907.76	600115.07	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	2013.87	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
314	Turbine Delivery Route Option 2	Cork	7775	TDR 25m intervals	554918.94	600092.71	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1989.92	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
315	Turbine Delivery Route Option 2	Cork	7800	TDR 25m intervals	554930.11	600070.35	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1966.00	Yes	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within GW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
316	Turbine Delivery Route Option 2	Cork	7825	TDR 25m intervals	554941.29	600047.98	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1942.11	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
317	Turbine Delivery Route Option 2	Cork	7850	TDR 25m intervals	554952.47	600025.62	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1918.24	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
318	Turbine Delivery Route Option 2	Cork		TDR_WCC_203	554960.66	600017.68	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1918.24	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
319	Turbine Delivery Route Option 2	Cork	7875	TDR 25m intervals	554963.65	600003.26	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1894.40	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
320	Turbine Delivery Route Option 2	Cork	7900	TDR 25m intervals	554974.83	599980.90	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1870.59	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
321	Turbine Delivery Route Option 2	Cork	7925	TDR 25m intervals	554986.00	599958.54	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1846.82	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
322	Turbine Delivery Route Option 2	Cork	7950	TDR 25m intervals	554995.88	599935.65	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1823.63	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
323	Turbine Delivery Route Option 2	Cork	7975	TDR 25m intervals	555003.32	599911.78	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1801.52	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
324	Turbine Delivery Route Option 2	Cork	8000	TDR 25m intervals	555010.75	599887.92	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1779.50	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
325	Turbine Delivery Route Option 2	Cork	8025	TDR 25m intervals	555018.19	599864.05	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1757.56	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
326	Turbine Delivery Route Option 2	Cork	8050	TDR 25m intervals	555025.62	599840.18	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1735.69	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
327	Turbine Delivery Route Option 2	Cork	8075	TDR 25m intervals	555033.06	599816.31	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1713.92	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
328	Turbine Delivery Route Option 2	Cork	8100	TDR 25m intervals	555040.49	599792.44	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1692.23	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
329	Turbine Delivery Route Option 2	Cork	8125	TDR 25m intervals	555047.92	599768.57	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1670.64	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
330	Turbine Delivery Route Option 2	Cork	8150	TDR 25m intervals	555055.36	599744.70	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1649.14	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
331	Turbine Delivery Route Option 2	Cork	8175	TDR 25m intervals	555062.79	599720.83	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1627.74	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
332	Turbine Delivery Route Option 2	Cork	8200	TDR 25m intervals	555070.23	599696.96	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1606.45	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
333	Turbine Delivery Route Option 2	Cork	8225	TDR 25m intervals	555077.66	599673.09	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1585.27	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
334	Turbine Delivery Route Option 2	Cork	8250	TDR 25m intervals	555085.09	599649.22	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1564.19	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
335	Turbine Delivery Route Option 2	Cork	8275	TDR 25m intervals	555092.73	599625.42	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1543.13	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
336	Turbine Delivery Route Option 2	Cork	8300	TDR 25m intervals	555100.47	599601.65	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1522.11	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
337	Turbine Delivery Route Option 2	Cork	8325	TDR 25m intervals	555108.22	599577.88	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1501.22	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
338	Turbine Delivery Route Option 2	Cork	8350	TDR 25m intervals	555115.97	599554.11	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1480.45	No	MOUNTNORTH RWSS	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Within MOUNTNORTH RWSS Source Protection Area
339	Turbine Delivery Route Option 2	Cork	8375	TDR 25m intervals	555123.72	599530.34	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1459.82	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
340	Turbine Delivery Route Option 2	Cork	8400	TDR 25m intervals	555131.46	599506.57	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1439.33	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
341	Turbine Delivery Route Option 2	Cork	8425	TDR 25m intervals	555139.21	599482.80	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1418.98	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
342	Turbine Delivery Route Option 2	Cork	8450	TDR 25m intervals	555146.96	599459.03	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1398.78	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
343	Turbine Delivery Route Option 2	Cork	8475	TDR 25m intervals	555154.70	599435.26	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1378.74	No	No	No	No	No	Tile_04	NA
344	Turbine Delivery Route Option 2	Cork	8500	TDR 25m intervals	555162.45	599411.49	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1358.86	No	No	No	No	No	Tile_04	NA
345	Turbine Delivery Route Option 2	Cork	8525	TDR 25m intervals	555170.20	599387.72	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1339.16	No	No	No	No	No	Tile_04	NA
346	Turbine Delivery Route Option 2	Cork	8550	TDR 25m intervals	555180.58	599365.04	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1318.02	No	No	No	No	No	Tile_04	NA
347	Turbine Delivery Route Option 2	Cork	8575	TDR 25m intervals	555191.82	599342.71	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1296.47	No	No	No	No	No	Tile_04	NA
348	Turbine Delivery Route Option 2	Cork	8600	TDR 25m intervals	555203.07	599320.38	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1275.05	No	No	No	No	No	Tile_04	NA
349	Turbine Delivery Route Option 2	Cork	8625	TDR 25m intervals	555214.31	599298.05	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1253.77	No	No	No	No	No	Tile_04	NA
350	Turbine Delivery Route Option 2	Cork	8650	TDR 25m intervals	555225.55	599275.72	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1232.62	No	No	No	No	No	Tile_04	NA
351	Turbine Delivery Route Option 2	Cork	8675	TDR 25m intervals	555233.66	599252.49	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1213.89	No	No	No	No	No	Tile_04	NA
352	Turbine Delivery Route Option 2	Cork	8700	TDR 25m intervals	555236.01	599227.60	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1199.60	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
353	Turbine Delivery Route Option 2	Cork	8725	TDR 25m intervals	555238.36	599202.71	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1185.66	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone
354	Turbine Delivery Route Option 2	Cork	8750	TDR 25m intervals	555240.71	599177.82	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1172.08	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
355	Turbine Delivery Route Option 2	Cork	8775	TDR 25m intervals	555243.06	599152.93	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1158.89	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
356	Turbine Delivery Route Option 2	Cork		TDR_WCC_204	555253.32	599133.40	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1158.89	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
357	Turbine Delivery Route Option 2	Cork	8800	TDR 25m intervals	555245.41	599128.05	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1146.09	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
358	Turbine Delivery Route Option 2	Cork	8825	TDR 25m intervals	555247.76	599103.16	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	1133.70	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
359	Turbine Delivery Route Option 2	Cork	8850	TDR 25m intervals	555250.11	599078.27	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	1121.73	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
360	Turbine Delivery Route Option 2	Cork	8875	TDR 25m intervals	555248.76	599053.33	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	1113.61	No	No	No	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse)
361	Turbine Delivery Route Option 2	Cork	8900	TDR 25m intervals	555247.11	599028.38	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	1106.29	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
362	Turbine Delivery Route Option 2	Cork	8925	TDR 25m intervals	555245.45	599003.44	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	1099.49	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
363	Turbine Delivery Route Option 2	Cork	8950	TDR 25m intervals	555243.80	598978.49	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1093.21	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
364	Turbine Delivery Route Option 2	Cork	8975	TDR 25m intervals	555242.15	598953.54	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1087.48	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
365	Turbine Delivery Route Option 2	Cork	9000	TDR 25m intervals	555240.49	598928.60	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1082.29	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
366	Turbine Delivery Route Option 2	Cork	9025	TDR 25m intervals	555238.84	598903.65	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1077.65	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
367	Turbine Delivery Route Option 2	Cork	9050	TDR 25m intervals	555237.19	598878.71	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1073.58	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
368	Turbine Delivery Route Option 2	Cork	9075	TDR 25m intervals	555235.54	598853.76	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1070.08	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
369	Turbine Delivery Route Option 2	Cork	9100	TDR 25m intervals	555233.88	598828.82	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1067.15	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
370	Turbine Delivery Route Option 2	Cork	9125	TDR 25m intervals	555230.01	598804.13	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1067.04	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
371	Turbine Delivery Route Option 2	Cork	9150	TDR 25m intervals	555225.89	598779.47	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1067.76	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
372	Turbine Delivery Route Option 2	Cork	9175	TDR 25m intervals	555221.77	598754.81	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1069.07	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
373	Turbine Delivery Route Option 2	Cork	9200	TDR 25m intervals	555217.64	598730.16	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1070.96	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
374	Turbine Delivery Route Option 2	Cork	9225	TDR 25m intervals	555213.52	598705.50	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1073.43	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
375	Turbine Delivery Route Option 2	Cork	9250	TDR 25m intervals	555209.40	598680.84	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	1076.47	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
376	Turbine Delivery Route Option 2	Cork	9275	TDR 25m intervals	555205.28	598656.18	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Rock near surface or karst (X)	<1m	(Rkd) Regionally Im	NA	NA	1080.08	No	No	No	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
377	Turbine Delivery Route Option 2	Cork	9300	TDR 25m intervals	555201.16	598631.53	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1084.26	No	No	No	No	No	Tile_04	NA
378	Turbine Delivery Route Option 2	Cork	9325	TDR 25m intervals	555197.04	598606.87	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1089.00	No	No	No	No	No	Tile_04	NA
379	Turbine Delivery Route Option 2	Cork	9350	TDR 25m intervals	555192.91	598582.21	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1094.29	No	No	No	No	No	Tile_04	NA
380	Turbine Delivery Route Option 2	Cork	9375	TDR 25m intervals	555188.79	598557.55	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Ll) Locally Importa	NA	NA	1100.12	No	No	No	No	No	Tile_04	NA
381	Turbine Delivery Route Option 2	Cork	9400	TDR 25m intervals	555184.67	598532.89	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1106.48	No	No	No	No	No	Tile_04	NA
382	Turbine Delivery Route Option 2	Cork	9425	TDR 25m intervals	555182.02	598508.04	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1111.93	No	No	No	No	No	Tile_04	NA
383	Turbine Delivery Route Option 2	Cork	9450	TDR 25m intervals	555179.47	598483.17	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1117.82	No	No	No	No	No	Tile_04	NA
384	Turbine Delivery Route Option 2	Cork	9475	TDR 25m intervals	555176.93	598458.30	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1124.23	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
385	Turbine Delivery Route Option 2	Cork	9500	TDR 25m intervals	555174.38	598433.43	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1131.16	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
386	Turbine Delivery Route Option 2	Cork	9525	TDR 25m intervals	555171.84	598408.56	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1120.35	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
387	Turbine Delivery Route Option 2	Cork	9550	TDR 25m intervals	555169.29	598383.69	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1095.43	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
388	Turbine Delivery Route Option 2	Cork	9575	TDR 25m intervals	555166.74	598358.82	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1070.51	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
389	Turbine Delivery Route Option 2	Cork	9600	TDR 25m intervals	555164.20	598333.95	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Ll) Locally Importa	NA	NA	1045.59	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
390	Turbine Delivery Route Option 2	Cork	9625	TDR 25m intervals	555161.65	598309.08	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	1020.68	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
391	Turbine Delivery Route Option 2	Cork	9650	TDR 25m intervals	555159.10	598284.21	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	995.77	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
392	Turbine Delivery Route Option 2	Cork	9675	TDR 25m intervals	555156.56	598259.34	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	970.87	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
393	Turbine Delivery Route Option 2	Cork	9700	TDR 25m intervals	555154.01	598234.47	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	945.97	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
394	Turbine Delivery Route Option 2	Cork	9725	TDR 25m intervals	555151.46	598209.60	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	921.08	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
395	Turbine Delivery Route Option 2	Cork	9750	TDR 25m intervals	555148.92	598184.73	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	896.19	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
396	Turbine Delivery Route Option 2	Cork	9775	TDR 25m intervals	555146.37	598159.86	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	871.32	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
397	Turbine Delivery Route Option 2	Cork	9800	TDR 25m intervals	555143.82	598134.99	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	846.45	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
398	Turbine Delivery Route Option 2	Cork	9825	TDR 25m intervals	555141.28	598110.12	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	821.58	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
399	Turbine Delivery Route Option 2	Cork	9850	TDR 25m intervals	555138.73	598085.25	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	Moderate (M)	5 to 10m	(Rkd) Regionally Im	NA	NA	796.73	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
400	Turbine Delivery Route Option 2	Cork	9875	TDR 25m intervals	555136.19	598060.38	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	771.88	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
401	Turbine Delivery Route Option 2	Cork	9900	TDR 25m intervals	555133.64	598035.51	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	747.05	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
402	Turbine Delivery Route Option 2	Cork	9925	TDR 25m intervals	555131.09	598010.64	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	722.23	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
403	Turbine Delivery Route Option 2	Cork	9950	TDR 25m intervals	555128.55	597985.77	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	697.42	No	No	Blackwater River (C	No	Blackwater River (C	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC
404	Turbine Delivery Route Option 2	Cork	9975	TDR 25m intervals	555126.00	597960.90	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	672.63	No	No	Blackwater River (C	No	Blackwater River (C	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
405	Turbine Delivery Route Option 2	Cork		TDR_WCC_205	555117.44	597943.92	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_090	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	672.63	No	No	Blackwater River (C	No	Blackwater River (C	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC
406	Turbine Delivery Route Option 2	Cork	10000	TDR 25m intervals	555123.11	597936.07	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_110	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	647.81	No	No	Blackwater River (C	No	Blackwater River (C	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC
407	Turbine Delivery Route Option 2	Cork	10025	TDR 25m intervals	555119.97	597911.27	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_110	Rock near surface or karst (X)	<1m	(Rkd) Regionally Im	NA	NA	622.97	No	No	Blackwater River (C	No	No	Tile_04	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC
408	Turbine Delivery Route Option 2	Cork	10050	TDR 25m intervals	555116.82	597886.46	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_110	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	598.14	No	No	Blackwater River (C	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
409	Turbine Delivery Route Option 2	Cork	10075	TDR 25m intervals	555113.68	597861.66	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_110	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	573.33	No	No	Blackwater River (C	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Blackwater River (Cork/Waterford) SAC Buffer
410	Turbine Delivery Route Option 2	Cork	10100	TDR 25m intervals	555110.54	597836.86	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_110	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	548.54	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
411	Turbine Delivery Route Option 2	Cork	10125	TDR 25m intervals	555107.39	597812.06	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	523.76	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
412	Turbine Delivery Route Option 2	Cork	10150	TDR 25m intervals	555104.25	597787.26	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	499.01	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
413	Turbine Delivery Route Option 2	Cork	10175	TDR 25m intervals	555101.10	597762.46	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	474.29	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
414	Turbine Delivery Route Option 2	Cork	10200	TDR 25m intervals	555097.96	597737.66	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	449.60	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
415	Turbine Delivery Route Option 2	Cork	10225	TDR 25m intervals	555094.82	597712.85	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	424.94	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
416	Turbine Delivery Route Option 2	Cork	10250	TDR 25m intervals	555091.67	597688.05	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	400.33	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
417	Turbine Delivery Route Option 2	Cork	10275	TDR 25m intervals	555088.53	597663.25	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	375.77	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
418	Turbine Delivery Route Option 2	Cork	10300	TDR 25m intervals	555085.38	597638.45	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	351.27	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
419	Turbine Delivery Route Option 2	Cork	10325	TDR 25m intervals	555082.24	597613.65	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	326.85	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
420	Turbine Delivery Route Option 2	Cork	10350	TDR 25m intervals	555079.10	597588.85	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	302.52	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
421	Turbine Delivery Route Option 2	Cork	10375	TDR 25m intervals	555075.95	597564.05	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	278.32	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
422	Turbine Delivery Route Option 2	Cork	10400	TDR 25m intervals	555072.81	597539.24	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	254.26	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
423	Turbine Delivery Route Option 2	Cork	10425	TDR 25m intervals	555069.66	597514.44	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Rkd) Regionally Im	NA	NA	230.42	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
424	Turbine Delivery Route Option 2	Cork	10450	TDR 25m intervals	555066.52	597489.64	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	206.84	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
425	Turbine Delivery Route Option 2	Cork	10475	TDR 25m intervals	555063.38	597464.84	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	183.64	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
426	Turbine Delivery Route Option 2	Cork	10500	TDR 25m intervals	555060.23	597440.04	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	160.98	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
427	Turbine Delivery Route Option 2	Cork	10525	TDR 25m intervals	555057.09	597415.24	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	139.13	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
428	Turbine Delivery Route Option 2	Cork	10550	TDR 25m intervals	555053.94	597390.43	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	118.53	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
429	Turbine Delivery Route Option 2	Cork	10575	TDR 25m intervals	555050.80	597365.63	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	99.97	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
430	Turbine Delivery Route Option 2	Cork	10600	TDR 25m intervals	555047.66	597340.83	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	84.78	No	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
431	Turbine Delivery Route Option 2	Cork	10625	TDR 25m intervals	555044.51	597316.03	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	75.04	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
432	Turbine Delivery Route Option 2	Cork	10650	TDR 25m intervals	555041.37	597291.23	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	CAVE	72.97	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within a Karst 25m buffer Within GW Buffer Zone
433	Turbine Delivery Route Option 2	Cork	10675	TDR 25m intervals	555038.19	597266.43	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	79.15	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
434	Turbine Delivery Route Option 2	Cork	10700	TDR 25m intervals	555034.97	597241.64	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	91.91	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
435	Turbine Delivery Route Option 2	Cork	10725	TDR 25m intervals	555031.74	597216.85	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	109.00	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
436	Turbine Delivery Route Option 2	Cork	10750	TDR 25m intervals	555028.52	597192.06	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	128.71	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
437	Turbine Delivery Route Option 2	Cork	10775	TDR 25m intervals	555025.30	597167.27	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	150.00	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
438	Turbine Delivery Route Option 2	Cork	10800	TDR 25m intervals	555022.07	597142.47	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Rkd) Regionally Im	NA	NA	172.29	Yes	No	No	No	No	Tile_05	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
439	Turbine Delivery Route Option 2	Cork	10825	TDR 25m intervals	555018.85	597117.68	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	195.24	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
440	Turbine Delivery Route Option 2	Cork	10850	TDR 25m intervals	555015.63	597092.89	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	218.65	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
441	Turbine Delivery Route Option 2	Cork	10875	TDR 25m intervals	555012.40	597068.10	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	242.37	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
442	Turbine Delivery Route Option 2	Cork	10900	TDR 25m intervals	555009.18	597043.31	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	266.32	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
443	Turbine Delivery Route Option 2	Cork	10925	TDR 25m intervals	555005.96	597018.52	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	290.46	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
444	Turbine Delivery Route Option 2	Cork	10950	TDR 25m intervals	555002.73	596993.73	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	314.73	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
445	Turbine Delivery Route Option 2	Cork	10975	TDR 25m intervals	554999.51	596968.94	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	339.10	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
446	Turbine Delivery Route Option 2	Cork	11000	TDR 25m intervals	554996.29	596944.14	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	363.56	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
447	Turbine Delivery Route Option 2	Cork	11025	TDR 25m intervals	554993.01	596919.36	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Ll) Locally Importar	NA	NA	388.08	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
448	Turbine Delivery Route Option 2	Cork	11050	TDR 25m intervals	554988.91	596894.70	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Pl) Poor Aquifer - E	NA	NA	412.50	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
449	Turbine Delivery Route Option 2	Cork	11075	TDR 25m intervals	554984.80	596870.04	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Pl) Poor Aquifer - E	NA	NA	436.98	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
450	Turbine Delivery Route Option 2	Cork	11100	TDR 25m intervals	554980.69	596845.38	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Pl) Poor Aquifer - E	NA	NA	461.52	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
451	Turbine Delivery Route Option 2	Cork	11125	TDR 25m intervals	554976.58	596820.72	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Pl) Poor Aquifer - E	NA	NA	486.10	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
452	Turbine Delivery Route Option 2	Cork	11150	TDR 25m intervals	554972.47	596796.06	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(Pl) Poor Aquifer - E	NA	NA	510.73	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
453	Turbine Delivery Route Option 2	Cork	11175	TDR 25m intervals	554968.36	596771.40	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Pl) Poor Aquifer - E	NA	NA	535.39	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
454	Turbine Delivery Route Option 2	Cork	11200	TDR 25m intervals	554964.25	596746.74	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Pl) Poor Aquifer - E	NA	NA	560.08	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
455	Turbine Delivery Route Option 2	Cork	11225	TDR 25m intervals	554960.14	596722.08	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Pl) Poor Aquifer - E	NA	NA	584.80	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
456	Turbine Delivery Route Option 2	Cork	11250	TDR 25m intervals	554956.04	596697.42	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(PI) Poor Aquifer - E	NA	NA	609.54	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
457	Turbine Delivery Route Option 2	Cork	11275	TDR 25m intervals	554951.93	596672.76	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	634.30	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
458	Turbine Delivery Route Option 2	Cork	11300	TDR 25m intervals	554947.82	596648.10	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	659.08	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
459	Turbine Delivery Route Option 2	Cork	11325	TDR 25m intervals	554943.71	596623.44	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	683.88	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
460	Turbine Delivery Route Option 2	Cork	11350	TDR 25m intervals	554939.60	596598.78	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	708.69	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
461	Turbine Delivery Route Option 2	Cork	11375	TDR 25m intervals	554935.49	596574.12	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	733.51	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
462	Turbine Delivery Route Option 2	Cork	11400	TDR 25m intervals	554931.38	596549.46	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	758.35	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
463	Turbine Delivery Route Option 2	Cork	11425	TDR 25m intervals	554927.27	596524.80	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	783.20	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
464	Turbine Delivery Route Option 2	Cork	11450	TDR 25m intervals	554923.17	596500.14	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	808.05	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
465	Turbine Delivery Route Option 2	Cork	11475	TDR 25m intervals	554919.06	596475.48	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	832.92	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
466	Turbine Delivery Route Option 2	Cork	11500	TDR 25m intervals	554914.95	596450.82	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	857.79	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
467	Turbine Delivery Route Option 2	Cork	11525	TDR 25m intervals	554910.84	596426.16	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	882.67	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
468	Turbine Delivery Route Option 2	Cork	11550	TDR 25m intervals	554906.73	596401.50	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	907.56	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
469	Turbine Delivery Route Option 2	Cork	11575	TDR 25m intervals	554903.21	596376.76	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	932.49	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
470	Turbine Delivery Route Option 2	Cork	11600	TDR 25m intervals	554900.51	596351.90	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	957.48	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
471	Turbine Delivery Route Option 2	Cork	11625	TDR 25m intervals	554897.81	596327.05	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	982.47	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
472	Turbine Delivery Route Option 2	Cork	11650	TDR 25m intervals	554895.11	596302.20	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1007.46	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
473	Turbine Delivery Route Option 2	Cork	11675	TDR 25m intervals	554892.41	596277.34	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1032.45	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
474	Turbine Delivery Route Option 2	Cork	11700	TDR 25m intervals	554889.71	596252.49	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1057.44	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
475	Turbine Delivery Route Option 2	Cork	11725	TDR 25m intervals	554887.01	596227.64	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1082.43	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
476	Turbine Delivery Route Option 2	Cork	11750	TDR 25m intervals	554884.30	596202.78	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1107.42	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
477	Turbine Delivery Route Option 2	Cork	11775	TDR 25m intervals	554881.60	596177.93	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1132.41	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
478	Turbine Delivery Route Option 2	Cork	11800	TDR 25m intervals	554878.90	596153.07	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1157.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
479	Turbine Delivery Route Option 2	Cork	11825	TDR 25m intervals	554876.20	596128.22	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1182.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
480	Turbine Delivery Route Option 2	Cork	11850	TDR 25m intervals	554874.35	596103.29	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1207.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
481	Turbine Delivery Route Option 2	Cork	11875	TDR 25m intervals	554872.73	596078.35	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1232.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
482	Turbine Delivery Route Option 2	Cork	11900	TDR 25m intervals	554871.11	596053.40	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1257.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
483	Turbine Delivery Route Option 2	Cork		TDR_WCC_206	554872.86	596039.48	WCC		Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1257.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
484	Turbine Delivery Route Option 2	Cork	11925	TDR 25m intervals	554869.49	596028.45	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1282.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
485	Turbine Delivery Route Option 2	Cork	11950	TDR 25m intervals	554867.87	596003.50	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1307.40	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
486	Turbine Delivery Route Option 2	Cork	11975	TDR 25m intervals	554866.25	595978.56	NA	NA	Yes	BLACKWATER (MUNSTER)	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1332.41	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
487	Turbine Delivery Route Option 2	Cork	12000	TDR 25m intervals	554864.62	595953.61	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1357.41	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
488	Turbine Delivery Route Option 2	Cork	12025	TDR 25m intervals	554863.00	595928.66	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1382.41	Yes	No	No	No	No	Tile_05	ELEVATED RISK Within GW Buffer Zone
489	Turbine Delivery Route Option 2	Cork	12050	TDR 25m intervals	554861.38	595903.71	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1407.41	No	No	No	No	No	Tile_05	NA
490	Turbine Delivery Route Option 2	Cork	12075	TDR 25m intervals	554861.60	595878.74	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1432.30	No	No	No	No	No	Tile_05	NA
491	Turbine Delivery Route Option 2	Cork	12100	TDR 25m intervals	554862.52	595853.76	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1457.15	No	No	No	No	No	Tile_05	NA
492	Turbine Delivery Route Option 2	Cork	12125	TDR 25m intervals	554863.44	595828.78	NA	NA	No	NA	BLACKWATER (MUNSTER)	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1482.00	No	No	No	No	No	Tile_05	NA
493	Turbine Delivery Route Option 2	Cork	12150	TDR 25m intervals	554864.36	595803.79	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1506.86	No	No	No	No	No	Tile_05	NA
494	Turbine Delivery Route Option 2	Cork	12175	TDR 25m intervals	554865.29	595778.81	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1531.72	No	No	No	No	No	Tile_05	NA
495	Turbine Delivery Route Option 2	Cork	12200	TDR 25m intervals	554866.21	595753.83	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1556.59	No	No	No	No	No	Tile_05	NA
496	Turbine Delivery Route Option 2	Cork	12225	TDR 25m intervals	554867.13	595728.84	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1581.46	No	No	No	No	No	Tile_05	NA
497	Turbine Delivery Route Option 2	Cork	12250	TDR 25m intervals	554868.05	595703.86	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1606.34	No	No	No	No	No	Tile_05	NA
498	Turbine Delivery Route Option 2	Cork	12275	TDR 25m intervals	554868.97	595678.88	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1631.22	No	No	No	No	No	Tile_05	NA
499	Turbine Delivery Route Option 2	Cork	12300	TDR 25m intervals	554872.89	595654.32	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1655.50	No	No	No	No	No	Tile_05	NA
500	Turbine Delivery Route Option 2	Cork	12325	TDR 25m intervals	554878.91	595630.05	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1679.39	No	No	No	No	No	Tile_05	NA
501	Turbine Delivery Route Option 2	Cork	12350	TDR 25m intervals	554884.93	595605.79	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1703.31	No	No	No	No	No	Tile_05	NA
502	Turbine Delivery Route Option 2	Cork	12375	TDR 25m intervals	554890.94	595581.52	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1727.26	No	No	No	No	No	Tile_05	NA
503	Turbine Delivery Route Option 2	Cork	12400	TDR 25m intervals	554896.96	595557.26	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1751.25	No	No	No	No	No	Tile_05	NA
504	Turbine Delivery Route Option 2	Cork	12425	TDR 25m intervals	554902.97	595532.99	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1775.26	No	No	No	No	No	Tile_05	NA
505	Turbine Delivery Route Option 2	Cork	12450	TDR 25m intervals	554908.99	595508.72	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1799.29	No	No	No	No	No	Tile_05	NA
506	Turbine Delivery Route Option 2	Cork	12475	TDR 25m intervals	554915.01	595484.46	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1823.36	No	No	No	No	No	Tile_05	NA
507	Turbine Delivery Route Option 2	Cork	12500	TDR 25m intervals	554921.02	595460.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(Ll) Locally Importa	NA	NA	1847.45	No	No	No	No	No	Tile_05	NA
508	Turbine Delivery Route Option 2	Cork	12525	TDR 25m intervals	554927.04	595435.93	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1871.56	No	No	No	No	No	Tile_05	NA
509	Turbine Delivery Route Option 2	Cork	12550	TDR 25m intervals	554933.86	595411.93	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1895.41	No	No	No	No	No	Tile_05	NA
510	Turbine Delivery Route Option 2	Cork	12575	TDR 25m intervals	554943.41	595388.82	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1918.36	No	No	No	No	No	Tile_05	NA
511	Turbine Delivery Route Option 2	Cork	12600	TDR 25m intervals	554952.95	595365.72	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(Ll) Locally Importa	NA	NA	1941.36	No	No	No	No	No	Tile_06	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
512	Turbine Delivery Route Option 2	Cork	12625	TDR 25m intervals	554962.49	595342.61	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	1964.41	No	No	No	No	No	Tile_06	NA
513	Turbine Delivery Route Option 2	Cork	12650	TDR 25m intervals	554972.04	595319.50	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	1987.51	No	No	No	No	No	Tile_06	NA
514	Turbine Delivery Route Option 2	Cork	12675	TDR 25m intervals	554981.58	595296.40	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	2010.65	No	No	No	No	No	Tile_06	NA
515	Turbine Delivery Route Option 2	Cork	12700	TDR 25m intervals	554991.13	595273.29	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	2033.84	No	No	No	No	No	Tile_06	NA
516	Turbine Delivery Route Option 2	Cork	12725	TDR 25m intervals	555000.67	595250.18	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	2057.07	No	No	No	No	No	Tile_06	NA
517	Turbine Delivery Route Option 2	Cork	12750	TDR 25m intervals	555010.21	595227.08	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2080.34	No	No	No	No	No	Tile_06	NA
518	Turbine Delivery Route Option 2	Cork	12775	TDR 25m intervals	555019.76	595203.97	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2103.65	No	No	No	No	No	Tile_06	NA
519	Turbine Delivery Route Option 2	Cork	12800	TDR 25m intervals	555029.30	595180.86	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2127.00	No	No	No	No	No	Tile_06	NA
520	Turbine Delivery Route Option 2	Cork	12825	TDR 25m intervals	555040.24	595158.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2149.73	No	No	No	No	No	Tile_06	NA
521	Turbine Delivery Route Option 2	Cork	12850	TDR 25m intervals	555052.90	595136.89	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2171.73	No	No	No	No	No	Tile_06	NA
522	Turbine Delivery Route Option 2	Cork	12875	TDR 25m intervals	555065.56	595115.33	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2193.79	No	No	No	No	No	Tile_06	NA
523	Turbine Delivery Route Option 2	Cork	12900	TDR 25m intervals	555078.22	595093.78	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2215.91	No	No	No	No	No	Tile_06	NA
524	Turbine Delivery Route Option 2	Cork	12925	TDR 25m intervals	555090.88	595072.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2238.10	No	No	No	No	No	Tile_06	NA
525	Turbine Delivery Route Option 2	Cork	12950	TDR 25m intervals	555105.27	595051.91	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2259.20	No	No	No	No	No	Tile_06	NA
526	Turbine Delivery Route Option 2	Cork	12975	TDR 25m intervals	555121.66	595033.02	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2279.08	No	No	No	No	No	Tile_06	NA
527	Turbine Delivery Route Option 2	Cork	13000	TDR 25m intervals	555138.04	595014.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2299.06	No	No	No	No	No	Tile_06	NA
528	Turbine Delivery Route Option 2	Cork	13025	TDR 25m intervals	555154.42	594995.26	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2319.15	No	No	No	No	No	Tile_06	NA
529	Turbine Delivery Route Option 2	Cork	13050	TDR 25m intervals	555170.81	594976.38	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2339.32	No	No	No	No	No	Tile_06	NA
530	Turbine Delivery Route Option 2	Cork	13075	TDR 25m intervals	555187.19	594957.49	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2359.59	No	No	No	No	No	Tile_06	NA
531	Turbine Delivery Route Option 2	Cork	13100	TDR 25m intervals	555203.58	594938.61	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2379.95	No	No	No	No	No	Tile_06	NA
532	Turbine Delivery Route Option 2	Cork	13125	TDR 25m intervals	555219.96	594919.73	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2400.39	No	No	No	No	No	Tile_06	NA
533	Turbine Delivery Route Option 2	Cork	13150	TDR 25m intervals	555236.34	594900.84	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2420.93	No	No	No	No	No	Tile_06	NA
534	Turbine Delivery Route Option 2	Cork	13175	TDR 25m intervals	555252.73	594881.96	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2441.54	No	No	No	No	No	Tile_06	NA
535	Turbine Delivery Route Option 2	Cork	13200	TDR 25m intervals	555269.11	594863.08	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2462.24	No	No	No	No	No	Tile_06	NA
536	Turbine Delivery Route Option 2	Cork	13225	TDR 25m intervals	555285.49	594844.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2483.01	No	No	No	No	No	Tile_06	NA
537	Turbine Delivery Route Option 2	Cork	13250	TDR 25m intervals	555301.88	594825.31	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2503.87	No	No	No	No	No	Tile_06	NA
538	Turbine Delivery Route Option 2	Cork	13275	TDR 25m intervals	555318.26	594806.43	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2524.80	No	No	No	No	No	Tile_06	NA
539	Turbine Delivery Route Option 2	Cork	13300	TDR 25m intervals	555334.19	594787.16	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2546.11	No	No	No	No	No	Tile_06	NA
540	Turbine Delivery Route Option 2	Cork	13325	TDR 25m intervals	555350.09	594767.87	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2567.52	No	No	No	No	No	Tile_06	NA
541	Turbine Delivery Route Option 2	Cork	13350	TDR 25m intervals	555365.98	594748.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2588.99	No	No	No	No	No	Tile_06	NA
542	Turbine Delivery Route Option 2	Cork	13375	TDR 25m intervals	555381.88	594729.27	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2610.53	No	No	No	No	No	Tile_06	NA
543	Turbine Delivery Route Option 2	Cork	13400	TDR 25m intervals	555397.78	594709.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2632.12	No	No	No	No	No	Tile_06	NA
544	Turbine Delivery Route Option 2	Cork	13425	TDR 25m intervals	555413.67	594690.68	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2653.78	No	No	No	No	No	Tile_06	NA
545	Turbine Delivery Route Option 2	Cork	13450	TDR 25m intervals	555428.38	594670.49	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2676.17	No	No	No	No	No	Tile_06	NA
546	Turbine Delivery Route Option 2	Cork	13475	TDR 25m intervals	555442.58	594649.92	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2698.90	No	No	No	No	No	Tile_06	NA
547	Turbine Delivery Route Option 2	Cork	13500	TDR 25m intervals	555456.79	594629.34	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	2721.66	No	No	No	No	No	Tile_06	NA
548	Turbine Delivery Route Option 2	Cork	13525	TDR 25m intervals	555470.99	594608.77	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2744.47	No	No	No	No	No	Tile_06	NA
549	Turbine Delivery Route Option 2	Cork	13550	TDR 25m intervals	555485.20	594588.20	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2767.31	No	No	No	No	No	Tile_06	NA
550	Turbine Delivery Route Option 2	Cork	13575	TDR 25m intervals	555499.40	594567.63	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2790.19	No	No	No	No	No	Tile_06	NA
551	Turbine Delivery Route Option 2	Cork	13600	TDR 25m intervals	555509.85	594544.97	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2814.43	No	No	No	No	No	Tile_06	NA
552	Turbine Delivery Route Option 2	Cork	13625	TDR 25m intervals	555519.81	594522.04	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2838.85	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
553	Turbine Delivery Route Option 2	Cork	13650	TDR 25m intervals	555529.77	594499.11	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2863.29	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
554	Turbine Delivery Route Option 2	Cork		TDR_WCC_207	555529.27	594486.25	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2863.29	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
555	Turbine Delivery Route Option 2	Cork	13675	TDR 25m intervals	555539.73	594476.18	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2887.73	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
556	Turbine Delivery Route Option 2	Cork	13700	TDR 25m intervals	555549.69	594453.25	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2912.18	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
557	Turbine Delivery Route Option 2	Cork	13725	TDR 25m intervals	555559.65	594430.31	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	2936.65	No	No	No	No	No	Tile_06	NA
558	Turbine Delivery Route Option 2	Cork	13750	TDR 25m intervals	555569.61	594407.38	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2961.12	No	No	No	No	No	Tile_06	NA
559	Turbine Delivery Route Option 2	Cork	13775	TDR 25m intervals	555579.57	594384.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	2985.60	No	No	No	No	No	Tile_06	NA
560	Turbine Delivery Route Option 2	Cork	13800	TDR 25m intervals	555589.53	594361.52	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3010.09	No	No	No	No	No	Tile_06	NA
561	Turbine Delivery Route Option 2	Cork	13825	TDR 25m intervals	555599.48	594338.59	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3034.59	No	No	No	No	No	Tile_06	NA
562	Turbine Delivery Route Option 2	Cork	13850	TDR 25m intervals	555609.44	594315.66	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3059.09	No	No	No	No	No	Tile_06	NA
563	Turbine Delivery Route Option 2	Cork	13875	TDR 25m intervals	555619.40	594292.73	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3083.60	No	No	No	No	No	Tile_06	NA
564	Turbine Delivery Route Option 2	Cork	13900	TDR 25m intervals	555629.36	594269.80	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3108.13	No	No	No	No	No	Tile_06	NA
565	Turbine Delivery Route Option 2	Cork	13925	TDR 25m intervals	555639.32	594246.87	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3132.66	No	No	No	No	No	Tile_06	NA
566	Turbine Delivery Route Option 2	Cork	13950	TDR 25m intervals	555649.28	594223.94	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3157.19	No	No	No	No	No	Tile_06	NA
567	Turbine Delivery Route Option 2	Cork	13975	TDR 25m intervals	555659.24	594201.01	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3181.74	No	No	No	No	No	Tile_06	NA
568	Turbine Delivery Route Option 2	Cork	14000	TDR 25m intervals	555669.20	594178.08	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3206.29	No	No	No	No	No	Tile_06	NA
569	Turbine Delivery Route Option 2	Cork	14025	TDR 25m intervals	555679.16	594155.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3230.84	No	No	No	No	No	Tile_06	NA
570	Turbine Delivery Route Option 2	Cork	14050	TDR 25m intervals	555689.12	594132.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3255.41	No	No	No	No	No	Tile_06	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
571	Turbine Delivery Route Option 2	Cork	14075	TDR 25m intervals	555701.16	594110.34	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3279.42	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
572	Turbine Delivery Route Option 2	Cork	14100	TDR 25m intervals	555713.74	594088.74	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3303.29	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
573	Turbine Delivery Route Option 2	Cork		TDR_WCC_208	555723.68	594076.51	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3303.29	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
574	Turbine Delivery Route Option 2	Cork	14125	TDR 25m intervals	555726.33	594067.14	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3327.18	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
575	Turbine Delivery Route Option 2	Cork	14150	TDR 25m intervals	555738.92	594045.54	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3351.09	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
576	Turbine Delivery Route Option 2	Cork	14175	TDR 25m intervals	555751.50	594023.94	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	3375.02	No	No	No	No	No	Tile_06	NA
577	Turbine Delivery Route Option 2	Cork	14200	TDR 25m intervals	555764.09	594002.34	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3398.96	No	No	No	No	No	Tile_06	NA
578	Turbine Delivery Route Option 2	Cork	14225	TDR 25m intervals	555776.67	593980.73	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3422.91	No	No	No	No	No	Tile_06	NA
579	Turbine Delivery Route Option 2	Cork	14250	TDR 25m intervals	555789.26	593959.13	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3446.88	No	No	No	No	No	Tile_06	NA
580	Turbine Delivery Route Option 2	Cork	14275	TDR 25m intervals	555801.84	593937.53	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3470.87	No	No	No	No	No	Tile_06	NA
581	Turbine Delivery Route Option 2	Cork	14300	TDR 25m intervals	555814.43	593915.93	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3494.86	No	No	Blackwater River (C	No	No	Tile_06	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
582	Turbine Delivery Route Option 2	Cork	14325	TDR 25m intervals	555827.02	593894.33	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3518.88	No	No	Blackwater River (C	No	No	Tile_06	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
583	Turbine Delivery Route Option 2	Cork	14350	TDR 25m intervals	555842.15	593874.60	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3541.72	No	No	Blackwater River (C	No	No	Tile_06	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
584	Turbine Delivery Route Option 2	Cork	14375	TDR 25m intervals	555858.97	593856.10	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3563.81	No	No	No	No	No	Tile_06	NA
585	Turbine Delivery Route Option 2	Cork	14400	TDR 25m intervals	555875.78	593837.60	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3585.95	No	No	No	No	No	Tile_06	NA
586	Turbine Delivery Route Option 2	Cork	14425	TDR 25m intervals	555892.59	593819.09	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3608.12	No	No	No	No	No	Tile_06	NA
587	Turbine Delivery Route Option 2	Cork	14450	TDR 25m intervals	555909.40	593800.59	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3630.33	No	No	No	No	No	Tile_06	NA
588	Turbine Delivery Route Option 2	Cork	14475	TDR 25m intervals	555926.22	593782.09	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3652.57	No	No	No	No	No	Tile_06	NA
589	Turbine Delivery Route Option 2	Cork	14500	TDR 25m intervals	555943.03	593763.59	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3674.85	No	No	No	No	No	Tile_06	NA
590	Turbine Delivery Route Option 2	Cork	14525	TDR 25m intervals	555959.84	593745.08	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3697.17	No	No	No	No	No	Tile_06	NA
591	Turbine Delivery Route Option 2	Cork	14550	TDR 25m intervals	555976.65	593726.58	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3719.51	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
592	Turbine Delivery Route Option 2	Cork	14575	TDR 25m intervals	555993.47	593708.08	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3741.90	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
593	Turbine Delivery Route Option 2	Cork	14600	TDR 25m intervals	556010.28	593689.58	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3764.31	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
594	Turbine Delivery Route Option 2	Cork		TDR_WCC_209	556020.53	593681.41	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	3764.31	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
595	Turbine Delivery Route Option 2	Cork	14625	TDR 25m intervals	556027.09	593671.07	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3786.76	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
596	Turbine Delivery Route Option 2	Cork	14650	TDR 25m intervals	556043.90	593652.57	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3809.24	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
597	Turbine Delivery Route Option 2	Cork	14675	TDR 25m intervals	556060.72	593634.07	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3831.75	No	No	No	No	No	Tile_06	ELEVATED RISK Within SW Buffer Zone
598	Turbine Delivery Route Option 2	Cork	14700	TDR 25m intervals	556077.53	593615.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3854.29	No	No	No	No	No	Tile_06	NA
599	Turbine Delivery Route Option 2	Cork	14725	TDR 25m intervals	556094.34	593597.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3876.87	No	No	No	No	No	Tile_06	NA
600	Turbine Delivery Route Option 2	Cork	14750	TDR 25m intervals	556111.15	593578.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3899.47	No	No	No	No	No	Tile_06	NA
601	Turbine Delivery Route Option 2	Cork	14775	TDR 25m intervals	556127.97	593560.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3922.10	No	No	No	No	No	Tile_06	NA
602	Turbine Delivery Route Option 2	Cork	14800	TDR 25m intervals	556144.78	593541.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3944.76	No	No	No	No	No	Tile_06	NA
603	Turbine Delivery Route Option 2	Cork	14825	TDR 25m intervals	556161.59	593523.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3967.45	No	No	No	No	No	Tile_06	NA
604	Turbine Delivery Route Option 2	Cork	14850	TDR 25m intervals	556178.40	593504.55	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	3990.16	No	No	No	No	No	Tile_06	NA
605	Turbine Delivery Route Option 2	Cork	14875	TDR 25m intervals	556195.22	593486.05	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4012.90	No	No	No	No	No	Tile_06	NA
606	Turbine Delivery Route Option 2	Cork	14900	TDR 25m intervals	556212.03	593467.55	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4035.67	No	No	No	No	No	Tile_06	NA
607	Turbine Delivery Route Option 2	Cork	14925	TDR 25m intervals	556228.84	593449.05	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4058.47	No	No	No	No	No	Tile_06	NA
608	Turbine Delivery Route Option 2	Cork	14950	TDR 25m intervals	556245.65	593430.54	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4081.29	No	No	No	No	No	Tile_06	NA
609	Turbine Delivery Route Option 2	Cork	14975	TDR 25m intervals	556262.47	593412.04	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4104.14	No	No	No	No	No	Tile_06	NA
610	Turbine Delivery Route Option 2	Cork	15000	TDR 25m intervals	556279.28	593393.54	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4127.01	No	No	No	No	No	Tile_06	NA
611	Turbine Delivery Route Option 2	Cork	15025	TDR 25m intervals	556296.09	593375.04	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4149.91	No	No	No	No	No	Tile_06	NA
612	Turbine Delivery Route Option 2	Cork	15050	TDR 25m intervals	556312.90	593356.53	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4172.83	No	No	No	No	No	Tile_06	NA
613	Turbine Delivery Route Option 2	Cork	15075	TDR 25m intervals	556329.72	593338.03	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4195.77	No	No	No	No	No	Tile_06	NA
614	Turbine Delivery Route Option 2	Cork	15100	TDR 25m intervals	556346.53	593319.53	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4218.74	No	No	No	No	No	Tile_06	NA
615	Turbine Delivery Route Option 2	Cork	15125	TDR 25m intervals	556363.34	593301.03	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4241.73	No	No	No	No	No	Tile_06	NA
616	Turbine Delivery Route Option 2	Cork	15150	TDR 25m intervals	556380.15	593282.52	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4264.74	No	No	No	No	No	Tile_06	NA
617	Turbine Delivery Route Option 2	Cork	15175	TDR 25m intervals	556396.97	593264.02	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4287.78	No	No	No	No	No	Tile_06	NA
618	Turbine Delivery Route Option 2	Cork	15200	TDR 25m intervals	556413.78	593245.52	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4310.84	No	No	No	No	No	Tile_06	NA
619	Turbine Delivery Route Option 2	Cork	15225	TDR 25m intervals	556428.85	593225.75	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4334.52	No	No	No	No	No	Tile_06	NA
620	Turbine Delivery Route Option 2	Cork	15250	TDR 25m intervals	556441.21	593204.02	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4359.15	No	No	No	No	No	Tile_06	NA
621	Turbine Delivery Route Option 2	Cork	15275	TDR 25m intervals	556453.58	593182.30	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4383.78	No	No	No	No	No	Tile_06	NA
622	Turbine Delivery Route Option 2	Cork	15300	TDR 25m intervals	556465.95	593160.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4408.42	No	No	No	No	No	Tile_06	NA
623	Turbine Delivery Route Option 2	Cork	15325	TDR 25m intervals	556478.31	593138.84	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4433.06	No	No	No	No	No	Tile_06	NA
624	Turbine Delivery Route Option 2	Cork	15350	TDR 25m intervals	556490.68	593117.11	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4457.70	No	No	No	No	No	Tile_06	NA
625	Turbine Delivery Route Option 2	Cork	15375	TDR 25m intervals	556501.15	593094.42	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4482.61	No	No	No	No	No	Tile_06	NA
626	Turbine Delivery Route Option 2	Cork	15400	TDR 25m intervals	556511.49	593071.66	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4507.54	No	No	No	No	No	Tile_06	NA
627	Turbine Delivery Route Option 2	Cork	15425	TDR 25m intervals	556521.84	593048.90	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4532.47	No	No	No	No	No	Tile_06	NA
628	Turbine Delivery Route Option 2	Cork	15450	TDR 25m intervals	556532.19	593026.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4557.40	No	No	No	No	No	Tile_06	NA
629	Turbine Delivery Route Option 2	Cork	15475	TDR 25m intervals	556542.53	593003.39	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4582.33	No	No	No	No	No	Tile_06	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
630	Turbine Delivery Route Option 2	Cork	15500	TDR 25m intervals	556552.88	592980.63	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4607.26	No	No	No	No	No	Tile_06	NA
631	Turbine Delivery Route Option 2	Cork	15525	TDR 25m intervals	556563.26	592957.88	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4632.19	No	No	No	No	No	Tile_06	NA
632	Turbine Delivery Route Option 2	Cork	15550	TDR 25m intervals	556575.52	592936.09	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4656.87	No	No	No	No	No	Tile_07	NA
633	Turbine Delivery Route Option 2	Cork	15575	TDR 25m intervals	556587.77	592914.30	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4681.56	No	No	No	No	No	Tile_07	NA
634	Turbine Delivery Route Option 2	Cork	15600	TDR 25m intervals	556600.02	592892.51	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4706.25	No	No	No	No	No	Tile_07	NA
635	Turbine Delivery Route Option 2	Cork	15625	TDR 25m intervals	556612.28	592870.72	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4730.94	No	No	No	No	No	Tile_07	NA
636	Turbine Delivery Route Option 2	Cork	15650	TDR 25m intervals	556624.53	592848.93	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4755.63	No	No	No	No	No	Tile_07	NA
637	Turbine Delivery Route Option 2	Cork	15675	TDR 25m intervals	556636.78	592827.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4780.33	No	No	No	No	No	Tile_07	NA
638	Turbine Delivery Route Option 2	Cork	15700	TDR 25m intervals	556649.04	592805.35	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	4805.03	No	No	No	No	No	Tile_07	NA
639	Turbine Delivery Route Option 2	Cork	15725	TDR 25m intervals	556661.29	592783.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4829.74	No	No	No	No	No	Tile_07	NA
640	Turbine Delivery Route Option 2	Cork	15750	TDR 25m intervals	556673.54	592761.77	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4854.45	No	No	No	No	No	Tile_07	NA
641	Turbine Delivery Route Option 2	Cork	15775	TDR 25m intervals	556687.82	592741.40	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4878.53	No	No	No	No	No	Tile_07	NA
642	Turbine Delivery Route Option 2	Cork	15800	TDR 25m intervals	556704.24	592722.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4901.97	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
643	Turbine Delivery Route Option 2	Cork	15825	TDR 25m intervals	556720.67	592703.71	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4925.42	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
644	Turbine Delivery Route Option 2	Cork	15850	TDR 25m intervals	556737.10	592684.87	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4948.88	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
645	Turbine Delivery Route Option 2	Cork	15875	TDR 25m intervals	556753.53	592666.02	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4972.36	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
646	Turbine Delivery Route Option 2	Cork	15900	TDR 25m intervals	556771.45	592648.67	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	4995.00	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
647	Turbine Delivery Route Option 2	Cork	15925	TDR 25m intervals	556790.34	592632.30	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5017.10	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
648	Turbine Delivery Route Option 2	Cork	15950	TDR 25m intervals	556809.24	592615.93	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5039.23	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
649	Turbine Delivery Route Option 2	Cork	15975	TDR 25m intervals	556828.14	592599.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5061.38	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
650	Turbine Delivery Route Option 2	Cork	16000	TDR 25m intervals	556847.03	592583.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5083.56	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
651	Turbine Delivery Route Option 2	Cork	16025	TDR 25m intervals	556865.93	592566.82	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5105.77	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
652	Turbine Delivery Route Option 2	Cork	16050	TDR 25m intervals	556884.82	592550.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5128.00	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
653	Turbine Delivery Route Option 2	Cork	16075	TDR 25m intervals	556903.71	592534.08	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5150.26	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
654	Turbine Delivery Route Option 2	Cork	16100	TDR 25m intervals	556922.95	592518.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5172.27	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
655	Turbine Delivery Route Option 2	Cork	16125	TDR 25m intervals	556943.43	592503.82	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5193.29	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
656	Turbine Delivery Route Option 2	Cork	16150	TDR 25m intervals	556963.92	592489.49	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5214.35	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
657	Turbine Delivery Route Option 2	Cork	16175	TDR 25m intervals	556984.41	592475.17	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5235.44	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
658	Turbine Delivery Route Option 2	Cork	16200	TDR 25m intervals	557004.90	592460.84	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5256.57	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
659	Turbine Delivery Route Option 2	Cork	16225	TDR 25m intervals	557025.78	592447.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5277.31	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
660	Turbine Delivery Route Option 2	Cork	16250	TDR 25m intervals	557047.71	592435.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5296.92	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
661	Turbine Delivery Route Option 2	Cork	16275	TDR 25m intervals	557069.65	592423.16	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5316.59	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
662	Turbine Delivery Route Option 2	Cork	16300	TDR 25m intervals	557091.58	592411.16	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5336.30	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
663	Turbine Delivery Route Option 2	Cork		TDR_WCC_210	557120.13	592408.30	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5336.30	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
664	Turbine Delivery Route Option 2	Cork	16325	TDR 25m intervals	557113.52	592399.17	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5356.05	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
665	Turbine Delivery Route Option 2	Cork	16350	TDR 25m intervals	557135.45	592387.18	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5375.84	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
666	Turbine Delivery Route Option 2	Cork	16375	TDR 25m intervals	557157.39	592375.18	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5395.68	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
667	Turbine Delivery Route Option 2	Cork	16400	TDR 25m intervals	557179.32	592363.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5415.56	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
668	Turbine Delivery Route Option 2	Cork	16425	TDR 25m intervals	557201.26	592351.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5435.49	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
669	Turbine Delivery Route Option 2	Cork	16450	TDR 25m intervals	557223.19	592339.20	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5455.45	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
670	Turbine Delivery Route Option 2	Cork	16475	TDR 25m intervals	557245.13	592327.21	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5475.46	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
671	Turbine Delivery Route Option 2	Cork	16500	TDR 25m intervals	557267.06	592315.21	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5495.51	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
672	Turbine Delivery Route Option 2	Cork	16525	TDR 25m intervals	557289.00	592303.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5515.60	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
673	Turbine Delivery Route Option 2	Cork	16550	TDR 25m intervals	557310.93	592291.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5535.73	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
674	Turbine Delivery Route Option 2	Cork	16575	TDR 25m intervals	557332.87	592279.23	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5555.89	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
675	Turbine Delivery Route Option 2	Cork	16600	TDR 25m intervals	557354.80	592267.24	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5576.10	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
676	Turbine Delivery Route Option 2	Cork	16625	TDR 25m intervals	557374.77	592252.37	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5598.10	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
677	Turbine Delivery Route Option 2	Cork	16650	TDR 25m intervals	557393.89	592236.26	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5620.87	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
678	Turbine Delivery Route Option 2	Cork	16675	TDR 25m intervals	557413.02	592220.16	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5643.66	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
679	Turbine Delivery Route Option 2	Cork	16700	TDR 25m intervals	557432.14	592204.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5666.47	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
680	Turbine Delivery Route Option 2	Cork	16725	TDR 25m intervals	557451.26	592187.95	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5689.29	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
681	Turbine Delivery Route Option 2	Cork	16750	TDR 25m intervals	557470.39	592171.85	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5712.14	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
682	Turbine Delivery Route Option 2	Cork	16775	TDR 25m intervals	557489.51	592155.75	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5735.00	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
683	Turbine Delivery Route Option 2	Cork	16800	TDR 25m intervals	557508.63	592139.65	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5757.88	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
684	Turbine Delivery Route Option 2	Cork	16825	TDR 25m intervals	557527.76	592123.54	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5780.78	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
685	Turbine Delivery Route Option 2	Cork	16850	TDR 25m intervals	557546.62	592107.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5803.83	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
686	Turbine Delivery Route Option 2	Cork	16875	TDR 25m intervals	557564.40	592089.59	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5827.48	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
687	Turbine Delivery Route Option 2	Cork	16900	TDR 25m intervals	557582.19	592072.02	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5851.14	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
688	Turbine Delivery Route Option 2	Cork	16925	TDR 25m intervals	557599.98	592054.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5874.81	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
689	Turbine Delivery Route Option 2	Cork	16950	TDR 25m intervals	557617.76	592036.88	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5898.49	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
690	Turbine Delivery Route Option 2	Cork	16975	TDR 25m intervals	557635.55	592019.31	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5922.18	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
691	Turbine Delivery Route Option 2	Cork	17000	TDR 25m intervals	557653.34	592001.75	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5945.89	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
692	Turbine Delivery Route Option 2	Cork	17025	TDR 25m intervals	557671.12	591984.18	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5969.60	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
693	Turbine Delivery Route Option 2	Cork	17050	TDR 25m intervals	557688.91	591966.61	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	5993.33	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
694	Turbine Delivery Route Option 2	Cork	17075	TDR 25m intervals	557706.70	591949.04	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6017.06	Yes	No	No	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone
695	Turbine Delivery Route Option 2	Cork	17100	TDR 25m intervals	557724.48	591931.47	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6040.81	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
696	Turbine Delivery Route Option 2	Cork	17125	TDR 25m intervals	557742.27	591913.91	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6064.56	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
697	Turbine Delivery Route Option 2	Cork	17150	TDR 25m intervals	557760.06	591896.34	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6088.33	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
698	Turbine Delivery Route Option 2	Cork	17175	TDR 25m intervals	557777.84	591878.77	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6112.10	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
699	Turbine Delivery Route Option 2	Cork	17200	TDR 25m intervals	557795.63	591861.20	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6135.88	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
700	Turbine Delivery Route Option 2	Cork	17225	TDR 25m intervals	557813.42	591843.64	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6159.68	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
701	Turbine Delivery Route Option 2	Cork	17250	TDR 25m intervals	557831.20	591826.07	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6183.48	Yes	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
702	Turbine Delivery Route Option 2	Cork	17275	TDR 25m intervals	557846.67	591806.43	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6208.05	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
703	Turbine Delivery Route Option 2	Cork	17300	TDR 25m intervals	557862.06	591786.73	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6232.65	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
704	Turbine Delivery Route Option 2	Cork	17325	TDR 25m intervals	557877.45	591767.03	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6257.25	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
705	Turbine Delivery Route Option 2	Cork	17350	TDR 25m intervals	557892.84	591747.32	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6281.85	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
706	Turbine Delivery Route Option 2	Cork	17375	TDR 25m intervals	557908.22	591727.62	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6306.46	No	No	No	No	No	Tile_07	NA
707	Turbine Delivery Route Option 2	Cork	17400	TDR 25m intervals	557923.61	591707.92	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6331.06	No	No	No	No	No	Tile_07	NA
708	Turbine Delivery Route Option 2	Cork	17425	TDR 25m intervals	557939.00	591688.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6355.68	No	No	No	No	No	Tile_07	NA
709	Turbine Delivery Route Option 2	Cork	17450	TDR 25m intervals	557954.39	591668.52	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6380.29	No	No	No	No	No	Tile_07	NA
710	Turbine Delivery Route Option 2	Cork	17475	TDR 25m intervals	557966.60	591646.70	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6405.28	No	No	No	No	No	Tile_07	NA
711	Turbine Delivery Route Option 2	Cork	17500	TDR 25m intervals	557978.74	591624.85	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6430.28	No	No	No	No	No	Tile_07	NA
712	Turbine Delivery Route Option 2	Cork	17525	TDR 25m intervals	557990.89	591603.00	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6455.28	No	No	No	No	No	Tile_07	NA
713	Turbine Delivery Route Option 2	Cork	17550	TDR 25m intervals	558003.03	591581.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6480.28	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
714	Turbine Delivery Route Option 2	Cork	17575	TDR 25m intervals	558015.18	591559.30	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Rock near surface or karst (X)	<1m	(LI) Locally Importa	NA	NA	6505.28	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
715	Turbine Delivery Route Option 2	Cork	17600	TDR 25m intervals	558027.32	591537.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6530.28	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
716	Turbine Delivery Route Option 2	Cork	17625	TDR 25m intervals	558039.47	591515.59	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6555.28	No	No	Blackwater River (C	No	Blackwater River (C	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC
717	Turbine Delivery Route Option 2	Cork	17650	TDR 25m intervals	558051.61	591493.74	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6580.27	No	No	Blackwater River (C	No	Blackwater River (C	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC
718	Turbine Delivery Route Option 2	Cork		TDR_WCC_211	558065.03	591486.40	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	6580.27	No	No	Blackwater River (C	No	Blackwater River (C	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC
719	Turbine Delivery Route Option 2	Cork	17675	TDR 25m intervals	558063.76	591471.89	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6605.27	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
720	Turbine Delivery Route Option 2	Cork	17700	TDR 25m intervals	558073.27	591448.98	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6629.98	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
721	Turbine Delivery Route Option 2	Cork	17725	TDR 25m intervals	558079.63	591424.80	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6654.32	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
722	Turbine Delivery Route Option 2	Cork	17750	TDR 25m intervals	558085.99	591400.63	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6678.68	No	No	No	No	No	Tile_07	NA
723	Turbine Delivery Route Option 2	Cork	17775	TDR 25m intervals	558092.36	591376.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6703.04	No	No	No	No	No	Tile_07	NA
724	Turbine Delivery Route Option 2	Cork	17800	TDR 25m intervals	558098.72	591352.27	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6727.40	No	No	No	No	No	Tile_07	NA
725	Turbine Delivery Route Option 2	Cork	17825	TDR 25m intervals	558105.08	591328.09	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	6751.77	No	No	No	No	No	Tile_07	NA
726	Turbine Delivery Route Option 2	Cork	17850	TDR 25m intervals	558111.44	591303.92	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6776.14	No	No	No	No	No	Tile_07	NA
727	Turbine Delivery Route Option 2	Cork	17875	TDR 25m intervals	558117.80	591279.74	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6800.52	No	No	No	No	No	Tile_07	NA
728	Turbine Delivery Route Option 2	Cork	17900	TDR 25m intervals	558124.16	591255.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6824.90	No	No	No	No	No	Tile_07	NA
729	Turbine Delivery Route Option 2	Cork	17925	TDR 25m intervals	558128.76	591230.99	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6848.81	No	No	No	No	No	Tile_07	NA
730	Turbine Delivery Route Option 2	Cork	17950	TDR 25m intervals	558133.22	591206.40	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6872.71	No	No	No	No	No	Tile_07	NA
731	Turbine Delivery Route Option 2	Cork	17975	TDR 25m intervals	558137.68	591181.80	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6896.61	No	No	No	No	No	Tile_07	NA
732	Turbine Delivery Route Option 2	Cork	18000	TDR 25m intervals	558142.15	591157.20	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6920.51	No	No	No	No	No	Tile_07	NA
733	Turbine Delivery Route Option 2	Cork	18025	TDR 25m intervals	558146.61	591132.60	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6944.43	No	No	No	No	No	Tile_07	NA
734	Turbine Delivery Route Option 2	Cork	18050	TDR 25m intervals	558151.07	591108.00	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6968.35	No	No	No	No	No	Tile_07	NA
735	Turbine Delivery Route Option 2	Cork	18075	TDR 25m intervals	558155.54	591083.41	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	6992.28	No	No	No	No	No	Tile_07	NA
736	Turbine Delivery Route Option 2	Cork	18100	TDR 25m intervals	558160.00	591058.81	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	7016.22	No	No	No	No	No	Tile_07	NA
737	Turbine Delivery Route Option 2	Cork	18125	TDR 25m intervals	558164.47	591034.21	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	7040.17	No	No	No	No	No	Tile_07	NA
738	Turbine Delivery Route Option 2	Cork	18150	TDR 25m intervals	558168.93	591009.61	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	7064.12	No	No	No	No	No	Tile_07	NA
739	Turbine Delivery Route Option 2	Cork	18175	TDR 25m intervals	558173.39	590985.01	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importa	NA	NA	7088.08	No	No	No	No	No	Tile_07	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
740	Turbine Delivery Route Option 2	Cork	18200	TDR 25m intervals	558177.86	590960.41	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importar	NA	NA	7112.05	No	No	No	No	No	Tile_07	NA
741	Turbine Delivery Route Option 2	Cork	18225	TDR 25m intervals	558182.32	590935.81	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Moderate (M)	5 to 10m	(LI) Locally Importar	NA	NA	7136.02	No	No	No	No	No	Tile_07	NA
742	Turbine Delivery Route Option 2	Cork	18250	TDR 25m intervals	558189.17	590911.77	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7160.58	No	No	No	No	No	Tile_07	NA
743	Turbine Delivery Route Option 2	Cork	18275	TDR 25m intervals	558196.07	590887.74	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7185.14	No	No	No	No	No	Tile_07	NA
744	Turbine Delivery Route Option 2	Cork	18300	TDR 25m intervals	558202.96	590863.71	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7209.72	No	No	No	No	No	Tile_07	NA
745	Turbine Delivery Route Option 2	Cork	18325	TDR 25m intervals	558209.85	590839.68	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7234.29	No	No	No	No	No	Tile_07	NA
746	Turbine Delivery Route Option 2	Cork	18350	TDR 25m intervals	558216.75	590815.65	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7258.87	No	No	No	No	No	Tile_07	NA
747	Turbine Delivery Route Option 2	Cork	18375	TDR 25m intervals	558223.64	590791.62	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7283.45	No	No	No	No	No	Tile_07	NA
748	Turbine Delivery Route Option 2	Cork	18400	TDR 25m intervals	558230.54	590767.59	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7308.04	No	No	No	No	No	Tile_07	NA
749	Turbine Delivery Route Option 2	Cork	18425	TDR 25m intervals	558237.43	590743.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7332.62	No	No	No	No	No	Tile_07	NA
750	Turbine Delivery Route Option 2	Cork	18450	TDR 25m intervals	558244.32	590719.53	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7357.21	No	No	No	No	No	Tile_07	NA
751	Turbine Delivery Route Option 2	Cork	18475	TDR 25m intervals	558251.22	590695.50	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	7381.81	No	No	No	No	No	Tile_07	NA
752	Turbine Delivery Route Option 2	Cork	18500	TDR 25m intervals	558258.11	590671.47	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7406.40	No	No	No	No	No	Tile_07	NA
753	Turbine Delivery Route Option 2	Cork	18525	TDR 25m intervals	558265.01	590647.44	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7431.00	No	No	No	No	No	Tile_07	NA
754	Turbine Delivery Route Option 2	Cork	18550	TDR 25m intervals	558271.90	590623.41	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7455.60	No	No	No	No	No	Tile_07	NA
755	Turbine Delivery Route Option 2	Cork	18575	TDR 25m intervals	558278.79	590599.38	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7480.21	No	No	No	No	No	Tile_07	NA
756	Turbine Delivery Route Option 2	Cork	18600	TDR 25m intervals	558285.69	590575.34	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7504.81	No	No	No	No	No	Tile_07	NA
757	Turbine Delivery Route Option 2	Cork	18625	TDR 25m intervals	558292.58	590551.31	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7529.42	No	No	No	No	No	Tile_07	NA
758	Turbine Delivery Route Option 2	Cork	18650	TDR 25m intervals	558299.47	590527.28	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7554.03	No	No	No	No	No	Tile_07	NA
759	Turbine Delivery Route Option 2	Cork	18675	TDR 25m intervals	558306.37	590503.25	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7578.65	No	No	Blackwater River (C	No	No	Tile_07	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
760	Turbine Delivery Route Option 2	Cork	18700	TDR 25m intervals	558313.26	590479.22	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7603.26	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
761	Turbine Delivery Route Option 2	Cork	18725	TDR 25m intervals	558319.26	590454.95	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7627.70	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
762	Turbine Delivery Route Option 2	Cork	18750	TDR 25m intervals	558325.26	590430.68	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7652.15	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
763	Turbine Delivery Route Option 2	Cork	18775	TDR 25m intervals	558331.26	590406.41	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7676.59	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
764	Turbine Delivery Route Option 2	Cork	18800	TDR 25m intervals	558337.26	590382.14	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7701.05	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
765	Turbine Delivery Route Option 2	Cork		TDR_WCC_212	558332.61	590372.17	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7701.05	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
766	Turbine Delivery Route Option 2	Cork	18825	TDR 25m intervals	558343.26	590357.87	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7725.50	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
767	Turbine Delivery Route Option 2	Cork	18850	TDR 25m intervals	558349.26	590333.60	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7749.96	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
768	Turbine Delivery Route Option 2	Cork	18875	TDR 25m intervals	558355.25	590309.33	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7774.42	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
769	Turbine Delivery Route Option 2	Cork	18900	TDR 25m intervals	558361.25	590285.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7798.89	No	No	No	No	No	Tile_08	NA
770	Turbine Delivery Route Option 2	Cork	18925	TDR 25m intervals	558367.25	590260.80	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7823.36	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
771	Turbine Delivery Route Option 2	Cork	18950	TDR 25m intervals	558373.25	590236.53	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7847.83	No	No	No	No	No	Tile_08	NA
772	Turbine Delivery Route Option 2	Cork	18975	TDR 25m intervals	558379.25	590212.26	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7872.30	No	No	No	No	No	Tile_08	NA
773	Turbine Delivery Route Option 2	Cork	19000	TDR 25m intervals	558385.25	590187.99	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7896.78	No	No	No	No	No	Tile_08	NA
774	Turbine Delivery Route Option 2	Cork	19025	TDR 25m intervals	558391.25	590163.72	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7921.26	No	No	No	No	No	Tile_08	NA
775	Turbine Delivery Route Option 2	Cork	19050	TDR 25m intervals	558397.24	590139.45	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7945.75	No	No	No	No	No	Tile_08	NA
776	Turbine Delivery Route Option 2	Cork	19075	TDR 25m intervals	558403.24	590115.18	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7970.24	No	No	No	No	No	Tile_08	NA
777	Turbine Delivery Route Option 2	Cork	19100	TDR 25m intervals	558409.24	590090.91	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	7994.73	No	No	No	No	No	Tile_08	NA
778	Turbine Delivery Route Option 2	Cork	19125	TDR 25m intervals	558415.24	590066.64	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	8019.22	No	No	No	No	No	Tile_08	NA
779	Turbine Delivery Route Option 2	Cork	19150	TDR 25m intervals	558421.24	590042.37	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importar	NA	NA	8043.72	No	No	No	No	No	Tile_08	NA
780	Turbine Delivery Route Option 2	Cork	19175	TDR 25m intervals	558427.24	590018.10	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	8068.22	No	No	No	No	No	Tile_08	NA
781	Turbine Delivery Route Option 2	Cork	19200	TDR 25m intervals	558433.10	589993.80	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importar	NA	NA	8092.70	No	No	No	No	No	Tile_08	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
782	Turbine Delivery Route Option 2	Cork	19225	TDR 25m intervals	558438.95	589969.49	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8117.18	No	No	No	No	No	Tile_08	NA
783	Turbine Delivery Route Option 2	Cork	19250	TDR 25m intervals	558444.81	589945.19	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8141.66	No	No	No	No	No	Tile_08	NA
784	Turbine Delivery Route Option 2	Cork	19275	TDR 25m intervals	558450.66	589920.88	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8166.14	No	No	No	No	No	Tile_08	NA
785	Turbine Delivery Route Option 2	Cork	19300	TDR 25m intervals	558456.51	589896.58	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8190.63	No	No	No	No	No	Tile_08	NA
786	Turbine Delivery Route Option 2	Cork	19325	TDR 25m intervals	558462.37	589872.27	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8215.12	No	No	No	No	No	Tile_08	NA
787	Turbine Delivery Route Option 2	Cork	19350	TDR 25m intervals	558468.22	589847.97	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8239.61	No	No	No	No	No	Tile_08	NA
788	Turbine Delivery Route Option 2	Cork	19375	TDR 25m intervals	558474.08	589823.66	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8264.11	No	No	No	No	No	Tile_08	NA
789	Turbine Delivery Route Option 2	Cork	19400	TDR 25m intervals	558479.93	589799.36	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8288.61	No	No	No	No	No	Tile_08	NA
790	Turbine Delivery Route Option 2	Cork	19425	TDR 25m intervals	558485.79	589775.05	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8313.11	No	No	No	No	No	Tile_08	NA
791	Turbine Delivery Route Option 2	Cork	19450	TDR 25m intervals	558491.64	589750.75	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8337.61	No	No	No	No	No	Tile_08	NA
792	Turbine Delivery Route Option 2	Cork	19475	TDR 25m intervals	558497.49	589726.44	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8362.12	No	No	No	No	No	Tile_08	NA
793	Turbine Delivery Route Option 2	Cork	19500	TDR 25m intervals	558503.35	589702.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8386.63	No	No	No	No	No	Tile_08	NA
794	Turbine Delivery Route Option 2	Cork	19525	TDR 25m intervals	558509.20	589677.83	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8411.15	No	No	No	No	No	Tile_08	NA
795	Turbine Delivery Route Option 2	Cork	19550	TDR 25m intervals	558510.60	589652.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8434.29	No	No	No	No	No	Tile_08	NA
796	Turbine Delivery Route Option 2	Cork	19575	TDR 25m intervals	558510.80	589627.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8457.07	No	No	No	No	No	Tile_08	NA
797	Turbine Delivery Route Option 2	Cork	19600	TDR 25m intervals	558511.00	589602.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	NA	NA	8479.87	No	No	No	No	No	Tile_08	NA
798	Turbine Delivery Route Option 2	Cork	19625	TDR 25m intervals	558511.21	589577.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8502.68	No	No	No	No	No	Tile_08	NA
799	Turbine Delivery Route Option 2	Cork	19650	TDR 25m intervals	558511.41	589552.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8525.50	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
800	Turbine Delivery Route Option 2	Cork	19675	TDR 25m intervals	558511.61	589527.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	8548.33	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
801	Turbine Delivery Route Option 2	Cork	19700	TDR 25m intervals	558511.82	589502.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	8571.18	No	No	Blackwater River (C	No	No	Tile_08	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
802	Turbine Delivery Route Option 2	Cork	19725	TDR 25m intervals	558512.02	589477.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	8594.04	No	No	No	No	No	Tile_08	NA
803	Turbine Delivery Route Option 2	Cork	19750	TDR 25m intervals	558512.22	589452.98	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Importa	NA	NA	8616.91	No	No	No	No	No	Tile_08	NA
804	Turbine Delivery Route Option 2	Cork	19775	TDR 25m intervals	558512.43	589427.99	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Importa	NA	NA	8639.79	No	No	No	No	No	Tile_08	NA
805	Turbine Delivery Route Option 2	Cork	19800	TDR 25m intervals	558512.63	589402.99	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8662.68	No	No	No	No	No	Tile_08	NA
806	Turbine Delivery Route Option 2	Cork	19825	TDR 25m intervals	558507.94	589378.49	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8683.13	No	No	No	No	No	Tile_08	NA
807	Turbine Delivery Route Option 2	Cork	19850	TDR 25m intervals	558502.62	589354.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8703.29	No	No	No	No	No	Tile_08	NA
808	Turbine Delivery Route Option 2	Cork	19875	TDR 25m intervals	558497.31	589329.64	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8723.47	No	No	No	No	No	Tile_08	NA
809	Turbine Delivery Route Option 2	Cork	19900	TDR 25m intervals	558492.00	589305.21	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8743.68	No	No	No	No	No	Tile_08	NA
810	Turbine Delivery Route Option 2	Cork	19925	TDR 25m intervals	558486.68	589280.78	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8763.91	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
811	Turbine Delivery Route Option 2	Cork	19950	TDR 25m intervals	558481.37	589256.35	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8784.17	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
812	Turbine Delivery Route Option 2	Cork	19975	TDR 25m intervals	558476.06	589231.92	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8804.45	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
813	Turbine Delivery Route Option 2	Cork	20000	TDR 25m intervals	558470.74	589207.49	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8824.76	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
814	Turbine Delivery Route Option 2	Cork	20025	TDR 25m intervals	558465.43	589183.06	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8845.09	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
815	Turbine Delivery Route Option 2	Cork	20050	TDR 25m intervals	558460.11	589158.64	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8865.45	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
816	Turbine Delivery Route Option 2	Cork	20075	TDR 25m intervals	558454.80	589134.21	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8885.82	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
817	Turbine Delivery Route Option 2	Cork	20100	TDR 25m intervals	558449.56	589109.76	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8906.27	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
818	Turbine Delivery Route Option 2	Cork	20125	TDR 25m intervals	558444.65	589085.25	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8926.93	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
819	Turbine Delivery Route Option 2	Cork	20150	TDR 25m intervals	558439.74	589060.74	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8947.61	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
820	Turbine Delivery Route Option 2	Cork		TDR_WCC_213	558255.27	587173.72	WCC		Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8947.61	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
821	Turbine Delivery Route Option 2	Cork	20175	TDR 25m intervals	558434.82	589036.22	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8968.31	No	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone
822	Turbine Delivery Route Option 2	Cork	20200	TDR 25m intervals	558429.91	589011.71	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8989.03	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
823	Turbine Delivery Route Option 2	Cork	20225	TDR 25m intervals	558424.99	588987.20	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9009.78	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
824	Turbine Delivery Route Option 2	Cork	20250	TDR 25m intervals	558420.08	588962.69	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9030.55	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
825	Turbine Delivery Route Option 2	Cork	20275	TDR 25m intervals	558415.17	588938.18	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9051.34	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
826	Turbine Delivery Route Option 2	Cork	20300	TDR 25m intervals	558410.25	588913.66	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9072.15	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
827	Turbine Delivery Route Option 2	Cork	20325	TDR 25m intervals	558405.34	588889.15	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9092.98	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
828	Turbine Delivery Route Option 2	Cork	20350	TDR 25m intervals	558400.42	588864.64	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9113.83	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
829	Turbine Delivery Route Option 2	Cork	20375	TDR 25m intervals	558395.51	588840.13	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9134.70	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
830	Turbine Delivery Route Option 2	Cork	20400	TDR 25m intervals	558390.59	588815.61	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9155.59	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
831	Turbine Delivery Route Option 2	Cork	20425	TDR 25m intervals	558385.68	588791.10	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9176.51	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
832	Turbine Delivery Route Option 2	Cork	20450	TDR 25m intervals	558379.60	588766.86	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9196.76	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
833	Turbine Delivery Route Option 2	Cork	20475	TDR 25m intervals	558373.37	588742.64	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9216.95	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
834	Turbine Delivery Route Option 2	Cork	20500	TDR 25m intervals	558367.15	588718.43	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9237.17	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
835	Turbine Delivery Route Option 2	Cork	20525	TDR 25m intervals	558360.92	588694.22	NA	NA	Yes	CLYDA_030	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9257.41	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
836	Turbine Delivery Route Option 2	Cork	20550	TDR 25m intervals	558354.69	588670.01	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9277.67	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
837	Turbine Delivery Route Option 2	Cork	20575	TDR 25m intervals	558348.47	588645.80	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9297.96	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
838	Turbine Delivery Route Option 2	Cork	20600	TDR 25m intervals	558338.93	588623.05	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9315.70	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
839	Turbine Delivery Route Option 2	Cork	20625	TDR 25m intervals	558325.20	588602.15	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9330.24	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
840	Turbine Delivery Route Option 2	Cork	20650	TDR 25m intervals	558311.48	588581.26	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9344.83	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
841	Turbine Delivery Route Option 2	Cork	20675	TDR 25m intervals	558297.75	588560.36	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	9359.46	No	No	No	No	No	Tile_08	NA
842	Turbine Delivery Route Option 2	Cork	20700	TDR 25m intervals	558284.03	588539.46	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9374.13	No	No	No	No	No	Tile_08	NA
843	Turbine Delivery Route Option 2	Cork	20725	TDR 25m intervals	558270.30	588518.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9388.85	No	No	No	No	No	Tile_08	NA
844	Turbine Delivery Route Option 2	Cork	20750	TDR 25m intervals	558255.63	588498.38	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9402.62	No	No	No	No	No	Tile_08	NA
845	Turbine Delivery Route Option 2	Cork	20775	TDR 25m intervals	558239.66	588479.14	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9415.09	No	No	No	No	No	Tile_08	NA
846	Turbine Delivery Route Option 2	Cork	20800	TDR 25m intervals	558223.70	588459.90	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9427.61	No	No	No	No	No	Tile_08	NA
847	Turbine Delivery Route Option 2	Cork	20825	TDR 25m intervals	558207.73	588440.66	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9440.19	No	No	No	No	No	Tile_08	NA
848	Turbine Delivery Route Option 2	Cork	20850	TDR 25m intervals	558191.77	588421.42	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9452.81	No	No	No	No	No	Tile_08	NA
849	Turbine Delivery Route Option 2	Cork	20875	TDR 25m intervals	558175.81	588402.18	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9465.48	No	No	No	No	No	Tile_08	NA
850	Turbine Delivery Route Option 2	Cork	20900	TDR 25m intervals	558161.98	588381.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9480.22	No	No	No	No	No	Tile_08	NA
851	Turbine Delivery Route Option 2	Cork	20925	TDR 25m intervals	558151.08	588359.07	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9497.75	No	No	No	No	No	Tile_08	NA
852	Turbine Delivery Route Option 2	Cork	20950	TDR 25m intervals	558140.19	588336.57	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9515.33	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
853	Turbine Delivery Route Option 2	Cork	20975	TDR 25m intervals	558129.29	588314.06	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9532.93	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
854	Turbine Delivery Route Option 2	Cork	21000	TDR 25m intervals	558118.40	588291.56	NA	NA	No	NA	CLYDA_030	Blackwater[Munster]_SC_080	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9550.57	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
855	Turbine Delivery Route Option 2	Cork	21025	TDR 25m intervals	558107.51	588269.06	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9568.24	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
856	Turbine Delivery Route Option 2	Cork	21050	TDR 25m intervals	558096.61	588246.56	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9585.94	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
857	Turbine Delivery Route Option 2	Cork	21075	TDR 25m intervals	558085.72	588224.06	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9603.68	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
858	Turbine Delivery Route Option 2	Cork	21100	TDR 25m intervals	558074.82	588201.56	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9621.44	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
859	Turbine Delivery Route Option 2	Cork	21125	TDR 25m intervals	558063.93	588179.06	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9639.24	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
860	Turbine Delivery Route Option 2	Cork	21150	TDR 25m intervals	558055.55	588155.73	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9658.66	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
861	Turbine Delivery Route Option 2	Cork	21175	TDR 25m intervals	558050.99	588131.15	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9680.51	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
862	Turbine Delivery Route Option 2	Cork	21200	TDR 25m intervals	558046.44	588106.57	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9702.37	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
863	Turbine Delivery Route Option 2	Cork	21225	TDR 25m intervals	558041.88	588081.99	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9724.25	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
864	Turbine Delivery Route Option 2	Cork	21250	TDR 25m intervals	558037.32	588057.41	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9746.15	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
865	Turbine Delivery Route Option 2	Cork	21275	TDR 25m intervals	558032.77	588032.82	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9768.05	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
866	Turbine Delivery Route Option 2	Cork	21300	TDR 25m intervals	558030.70	588007.92	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9791.06	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
867	Turbine Delivery Route Option 2	Cork	21325	TDR 25m intervals	558028.90	587982.99	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9814.19	Yes	No	No	No	No	Tile_08	ELEVATED RISK Within GW Buffer Zone
868	Turbine Delivery Route Option 2	Cork	21350	TDR 25m intervals	558027.10	587958.05	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9837.33	No	No	No	No	No	Tile_08	NA
869	Turbine Delivery Route Option 2	Cork	21375	TDR 25m intervals	558025.30	587933.12	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9860.48	No	No	No	No	No	Tile_09	NA
870	Turbine Delivery Route Option 2	Cork	21400	TDR 25m intervals	558024.13	587908.17	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9883.84	No	No	No	No	No	Tile_09	NA
871	Turbine Delivery Route Option 2	Cork	21425	TDR 25m intervals	558024.82	587883.18	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9907.83	No	No	No	No	No	Tile_09	NA
872	Turbine Delivery Route Option 2	Cork	21450	TDR 25m intervals	558025.52	587858.19	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9931.83	No	No	No	No	No	Tile_09	NA
873	Turbine Delivery Route Option 2	Cork	21475	TDR 25m intervals	558026.22	587833.20	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9955.83	No	No	No	No	No	Tile_09	NA
874	Turbine Delivery Route Option 2	Cork	21500	TDR 25m intervals	558026.92	587808.21	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9979.83	No	No	No	No	No	Tile_09	NA
875	Turbine Delivery Route Option 2	Cork	21525	TDR 25m intervals	558029.93	587783.47	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10004.30	No	No	No	No	No	Tile_09	NA
876	Turbine Delivery Route Option 2	Cork	21550	TDR 25m intervals	558034.73	587758.94	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10029.13	No	No	No	No	No	Tile_09	NA
877	Turbine Delivery Route Option 2	Cork	21575	TDR 25m intervals	558039.53	587734.41	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10053.96	No	No	No	No	No	Tile_09	NA
878	Turbine Delivery Route Option 2	Cork	21600	TDR 25m intervals	558044.34	587709.87	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10078.80	No	No	No	No	No	Tile_09	NA
879	Turbine Delivery Route Option 2	Cork	21625	TDR 25m intervals	558051.36	587685.94	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10103.73	No	No	No	No	No	Tile_09	NA
880	Turbine Delivery Route Option 2	Cork	21650	TDR 25m intervals	558059.71	587662.38	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10128.72	No	No	No	No	No	Tile_09	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
881	Turbine Delivery Route Option 2	Cork	21675	TDR 25m intervals	558068.06	587638.81	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10153.72	No	No	No	No	No	Tile_09	NA
882	Turbine Delivery Route Option 2	Cork	21700	TDR 25m intervals	558076.41	587615.25	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10178.71	No	No	No	No	No	Tile_09	NA
883	Turbine Delivery Route Option 2	Cork	21725	TDR 25m intervals	558084.75	587591.68	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10203.70	No	No	No	No	No	Tile_09	NA
884	Turbine Delivery Route Option 2	Cork	21750	TDR 25m intervals	558093.10	587568.12	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10228.69	No	No	No	No	No	Tile_09	NA
885	Turbine Delivery Route Option 2	Cork	21775	TDR 25m intervals	558101.45	587544.55	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10253.69	No	No	No	No	No	Tile_09	NA
886	Turbine Delivery Route Option 2	Cork	21800	TDR 25m intervals	558109.80	587520.99	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10278.68	No	No	No	No	No	Tile_09	NA
887	Turbine Delivery Route Option 2	Cork	21825	TDR 25m intervals	558118.14	587497.42	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10303.67	No	No	No	No	No	Tile_09	NA
888	Turbine Delivery Route Option 2	Cork	21850	TDR 25m intervals	558126.49	587473.86	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10328.66	No	No	No	No	No	Tile_09	NA
889	Turbine Delivery Route Option 2	Cork	21875	TDR 25m intervals	558134.84	587450.29	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10353.66	No	No	No	No	No	Tile_09	NA
890	Turbine Delivery Route Option 2	Cork	21900	TDR 25m intervals	558143.19	587426.73	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10378.65	No	No	No	No	No	Tile_09	NA
891	Turbine Delivery Route Option 2	Cork	21925	TDR 25m intervals	558151.53	587403.16	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10403.64	No	No	No	No	No	Tile_09	NA
892	Turbine Delivery Route Option 2	Cork	21950	TDR 25m intervals	558159.88	587379.60	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10428.64	No	No	No	No	No	Tile_09	NA
893	Turbine Delivery Route Option 2	Cork	21975	TDR 25m intervals	558168.23	587356.03	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10453.63	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
894	Turbine Delivery Route Option 2	Cork	22000	TDR 25m intervals	558176.58	587332.47	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10478.62	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
895	Turbine Delivery Route Option 2	Cork	22025	TDR 25m intervals	558184.92	587308.90	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10503.62	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
896	Turbine Delivery Route Option 2	Cork	22050	TDR 25m intervals	558193.27	587285.34	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10528.61	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
897	Turbine Delivery Route Option 2	Cork	22075	TDR 25m intervals	558201.62	587261.77	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10553.60	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
898	Turbine Delivery Route Option 2	Cork	22100	TDR 25m intervals	558209.97	587238.21	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10578.60	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
899	Turbine Delivery Route Option 2	Cork	22125	TDR 25m intervals	558218.31	587214.64	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10603.59	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
900	Turbine Delivery Route Option 2	Cork	22150	TDR 25m intervals	558226.66	587191.07	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10628.58	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
901	Turbine Delivery Route Option 2	Cork	22175	TDR 25m intervals	558235.47	587167.68	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10653.56	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
902	Turbine Delivery Route Option 2	Cork	22200	TDR 25m intervals	558244.45	587144.35	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10678.52	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
903	Turbine Delivery Route Option 2	Cork	22225	TDR 25m intervals	558253.44	587121.02	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10703.48	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
904	Turbine Delivery Route Option 2	Cork	22250	TDR 25m intervals	558262.43	587097.69	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10728.45	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
905	Turbine Delivery Route Option 2	Cork	22275	TDR 25m intervals	558271.41	587074.36	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10753.42	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
906	Turbine Delivery Route Option 2	Cork	22300	TDR 25m intervals	558280.40	587051.04	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10778.38	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
907	Turbine Delivery Route Option 2	Cork	22325	TDR 25m intervals	558289.39	587027.71	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10803.35	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
908	Turbine Delivery Route Option 2	Cork	22350	TDR 25m intervals	558298.37	587004.38	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10828.31	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
909	Turbine Delivery Route Option 2	Cork	22375	TDR 25m intervals	558307.36	586981.05	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10853.28	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
910	Turbine Delivery Route Option 2	Cork	22400	TDR 25m intervals	558316.35	586957.72	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10878.24	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
911	Turbine Delivery Route Option 2	Cork	22425	TDR 25m intervals	558326.31	586934.81	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10903.11	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
912	Turbine Delivery Route Option 2	Cork	22450	TDR 25m intervals	558336.97	586912.19	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10927.91	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
913	Turbine Delivery Route Option 2	Cork	22475	TDR 25m intervals	558347.64	586889.58	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10952.72	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
914	Turbine Delivery Route Option 2	Cork	22500	TDR 25m intervals	558358.30	586866.97	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10977.52	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
915	Turbine Delivery Route Option 2	Cork	22525	TDR 25m intervals	558368.97	586844.36	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11002.32	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
916	Turbine Delivery Route Option 2	Cork	22550	TDR 25m intervals	558379.64	586821.75	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11027.13	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
917	Turbine Delivery Route Option 2	Cork	22575	TDR 25m intervals	558390.30	586799.14	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11051.93	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
918	Turbine Delivery Route Option 2	Cork	22600	TDR 25m intervals	558400.97	586776.53	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11076.74	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
919	Turbine Delivery Route Option 2	Cork	22625	TDR 25m intervals	558411.64	586753.92	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11101.54	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
920	Turbine Delivery Route Option 2	Cork	22650	TDR 25m intervals	558422.30	586731.31	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11126.35	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
921	Turbine Delivery Route Option 2	Cork	22675	TDR 25m intervals	558433.35	586708.92	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11151.07	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
922	Turbine Delivery Route Option 2	Cork	22700	TDR 25m intervals	558447.11	586688.04	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11175.19	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
923	Turbine Delivery Route Option 2	Cork	22725	TDR 25m intervals	558460.87	586667.17	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11199.32	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
924	Turbine Delivery Route Option 2	Cork	22750	TDR 25m intervals	558474.63	586646.30	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11223.45	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
925	Turbine Delivery Route Option 2	Cork	22775	TDR 25m intervals	558488.39	586625.42	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11247.58	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
926	Turbine Delivery Route Option 2	Cork	22800	TDR 25m intervals	558502.15	586604.55	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11271.71	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
927	Turbine Delivery Route Option 2	Cork	22825	TDR 25m intervals	558515.91	586583.68	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11295.85	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
928	Turbine Delivery Route Option 2	Cork	22850	TDR 25m intervals	558529.67	586562.81	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11320.00	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
929	Turbine Delivery Route Option 2	Cork	22875	TDR 25m intervals	558543.80	586542.22	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11343.98	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
930	Turbine Delivery Route Option 2	Cork	22900	TDR 25m intervals	558560.74	586523.84	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11366.78	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
931	Turbine Delivery Route Option 2	Cork	22925	TDR 25m intervals	558577.67	586505.45	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11382.64	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
932	Turbine Delivery Route Option 2	Cork	22950	TDR 25m intervals	558594.61	586487.06	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11361.31	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
933	Turbine Delivery Route Option 2	Cork	22975	TDR 25m intervals	558611.55	586468.67	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11340.00	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
934	Turbine Delivery Route Option 2	Cork	23000	TDR 25m intervals	558628.48	586450.28	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11318.71	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
935	Turbine Delivery Route Option 2	Cork	23025	TDR 25m intervals	558645.42	586431.89	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11297.43	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
936	Turbine Delivery Route Option 2	Cork	23050	TDR 25m intervals	558662.98	586414.14	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11276.67	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
937	Turbine Delivery Route Option 2	Cork	23075	TDR 25m intervals	558681.82	586397.71	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11256.99	Yes	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone Within Blackwater River (Cork/Waterford) SAC Buffer
938	Turbine Delivery Route Option 2	Cork	23100	TDR 25m intervals	558700.66	586381.28	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11237.33	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
939	Turbine Delivery Route Option 2	Cork	23125	TDR 25m intervals	558719.51	586364.85	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11217.69	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
940	Turbine Delivery Route Option 2	Cork	23150	TDR 25m intervals	558738.35	586348.42	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11198.08	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
941	Turbine Delivery Route Option 2	Cork	23175	TDR 25m intervals	558757.19	586331.99	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11178.48	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
942	Turbine Delivery Route Option 2	Cork	23200	TDR 25m intervals	558776.03	586315.56	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11158.91	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
943	Turbine Delivery Route Option 2	Cork	23225	TDR 25m intervals	558794.88	586299.13	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11139.36	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
944	Turbine Delivery Route Option 2	Cork	23250	TDR 25m intervals	558813.83	586282.82	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11119.93	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
945	Turbine Delivery Route Option 2	Cork	23275	TDR 25m intervals	558832.79	586266.54	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11100.54	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
946	Turbine Delivery Route Option 2	Cork	23300	TDR 25m intervals	558851.76	586250.25	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11081.17	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
947	Turbine Delivery Route Option 2	Cork	23325	TDR 25m intervals	558870.72	586233.96	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11061.83	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
948	Turbine Delivery Route Option 2	Cork	23350	TDR 25m intervals	558889.69	586217.67	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11042.50	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
949	Turbine Delivery Route Option 2	Cork	23375	TDR 25m intervals	558908.65	586201.38	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11023.20	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
950	Turbine Delivery Route Option 2	Cork	23400	TDR 25m intervals	558927.62	586185.09	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	11003.93	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
951	Turbine Delivery Route Option 2	Cork	23425	TDR 25m intervals	558946.58	586168.80	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10984.67	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
952	Turbine Delivery Route Option 2	Cork	23450	TDR 25m intervals	558965.55	586152.51	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10965.44	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
953	Turbine Delivery Route Option 2	Cork	23475	TDR 25m intervals	558984.51	586136.22	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10946.23	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
954	Turbine Delivery Route Option 2	Cork	23500	TDR 25m intervals	559001.91	586118.38	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10925.78	No	No	No	No	No	Tile_09	NA
955	Turbine Delivery Route Option 2	Cork	23525	TDR 25m intervals	559018.01	586099.26	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10904.28	No	No	No	No	No	Tile_09	NA
956	Turbine Delivery Route Option 2	Cork	23550	TDR 25m intervals	559034.12	586080.14	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10882.80	No	No	No	No	No	Tile_09	NA
957	Turbine Delivery Route Option 2	Cork	23575	TDR 25m intervals	559050.22	586061.01	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	10861.34	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
958	Turbine Delivery Route Option 2	Cork	23600	TDR 25m intervals	559066.32	586041.89	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	10839.89	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
959	Turbine Delivery Route Option 2	Cork	TDR_WCC_214	TDR 25m intervals	559062.19	586007.23	WCC		Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	10839.89	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
960	Turbine Delivery Route Option 2	Cork	23625	TDR 25m intervals	559082.43	586022.77	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	10818.45	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
961	Turbine Delivery Route Option 2	Cork	23650	TDR 25m intervals	559098.53	586003.64	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10797.03	No	No	No	No	No	Tile_09	ELEVATED RISK Within SW Buffer Zone
962	Turbine Delivery Route Option 2	Cork	23675	TDR 25m intervals	559114.46	585984.40	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10775.53	No	No	No	No	No	Tile_09	NA
963	Turbine Delivery Route Option 2	Cork	23700	TDR 25m intervals	559128.47	585963.69	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10752.90	No	No	No	No	No	Tile_09	NA
964	Turbine Delivery Route Option 2	Cork	23725	TDR 25m intervals	559142.48	585942.98	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	10730.28	No	No	No	No	No	Tile_09	NA
965	Turbine Delivery Route Option 2	Cork	23750	TDR 25m intervals	559156.49	585922.27	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10707.67	No	No	No	No	No	Tile_09	NA
966	Turbine Delivery Route Option 2	Cork	23775	TDR 25m intervals	559170.50	585901.57	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10685.07	No	No	No	No	No	Tile_09	NA
967	Turbine Delivery Route Option 2	Cork	23800	TDR 25m intervals	559184.50	585880.86	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10662.48	No	No	No	No	No	Tile_09	NA
968	Turbine Delivery Route Option 2	Cork	23825	TDR 25m intervals	559198.51	585860.15	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10639.90	No	No	No	No	No	Tile_09	NA
969	Turbine Delivery Route Option 2	Cork	23850	TDR 25m intervals	559212.52	585839.45	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10617.34	No	No	No	No	No	Tile_09	NA
970	Turbine Delivery Route Option 2	Cork	23875	TDR 25m intervals	559225.84	585818.31	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10594.46	No	No	No	No	No	Tile_09	NA
971	Turbine Delivery Route Option 2	Cork	23900	TDR 25m intervals	559238.27	585796.62	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10571.17	No	No	No	No	No	Tile_09	NA
972	Turbine Delivery Route Option 2	Cork	23925	TDR 25m intervals	559250.69	585774.93	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10547.89	No	No	No	No	No	Tile_09	NA
973	Turbine Delivery Route Option 2	Cork	23950	TDR 25m intervals	559263.12	585753.23	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10524.62	No	No	No	No	No	Tile_09	NA
974	Turbine Delivery Route Option 2	Cork	23975	TDR 25m intervals	559275.55	585731.54	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10501.35	No	No	No	No	No	Tile_09	NA
975	Turbine Delivery Route Option 2	Cork	24000	TDR 25m intervals	559287.97	585709.84	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10478.10	No	No	No	No	No	Tile_09	NA
976	Turbine Delivery Route Option 2	Cork	24025	TDR 25m intervals	559300.40	585688.15	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10454.85	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
977	Turbine Delivery Route Option 2	Cork	24050	TDR 25m intervals	559312.82	585666.46	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10431.61	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
978	Turbine Delivery Route Option 2	Cork	24075	TDR 25m intervals	559325.25	585644.77	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10408.37	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
979	Turbine Delivery Route Option 2	Cork	24100	TDR 25m intervals	559337.67	585623.07	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10385.15	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
980	Turbine Delivery Route Option 2	Cork	24125	TDR 25m intervals	559349.51	585601.06	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10361.70	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
981	Turbine Delivery Route Option 2	Cork	24150	TDR 25m intervals	559360.80	585578.76	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10338.04	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
982	Turbine Delivery Route Option 2	Cork	24175	TDR 25m intervals	559372.09	585556.45	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10314.39	No	No	Blackwater River (C	No	No	Tile_09	ELEVATED RISK Within Blackwater River (Cork/Waterford) SAC Buffer
983	Turbine Delivery Route Option 2	Cork	24200	TDR 25m intervals	559383.38	585534.15	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10290.74	No	No	No	No	No	Tile_09	NA
984	Turbine Delivery Route Option 2	Cork	24225	TDR 25m intervals	559394.67	585511.84	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10267.10	No	No	No	No	No	Tile_09	NA
985	Turbine Delivery Route Option 2	Cork	24250	TDR 25m intervals	559405.96	585489.54	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10243.47	No	No	No	No	No	Tile_09	NA
986	Turbine Delivery Route Option 2	Cork	24275	TDR 25m intervals	559417.26	585467.23	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10219.85	Yes	No	No	No	No	Tile_09	ELEVATED RISK Within GW Buffer Zone
987	Turbine Delivery Route Option 2	Cork	24300	TDR 25m intervals	559428.55	585444.93	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10196.23	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
988	Turbine Delivery Route Option 2	Cork	24325	TDR 25m intervals	559439.84	585422.62	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10172.62	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
989	Turbine Delivery Route Option 2	Cork		TDR_WCC_215	559451.03	585405.17	WCC		Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10172.62	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
990	Turbine Delivery Route Option 2	Cork	24350	TDR 25m intervals	559451.13	585400.32	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10149.01	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
991	Turbine Delivery Route Option 2	Cork	24375	TDR 25m intervals	559462.42	585378.01	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10125.41	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
992	Turbine Delivery Route Option 2	Cork	24400	TDR 25m intervals	559473.71	585355.71	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10101.82	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
993	Turbine Delivery Route Option 2	Cork	24425	TDR 25m intervals	559485.03	585333.42	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10078.24	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
994	Turbine Delivery Route Option 2	Cork	24450	TDR 25m intervals	559496.63	585311.27	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10054.78	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
995	Turbine Delivery Route Option 2	Cork	24475	TDR 25m intervals	559508.22	585289.12	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10031.32	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
996	Turbine Delivery Route Option 2	Cork	24500	TDR 25m intervals	559519.81	585266.97	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	10007.88	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
997	Turbine Delivery Route Option 2	Cork	24525	TDR 25m intervals	559531.40	585244.82	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9984.43	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
998	Turbine Delivery Route Option 2	Cork	24550	TDR 25m intervals	559542.99	585222.67	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9961.00	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
999	Turbine Delivery Route Option 2	Cork	24575	TDR 25m intervals	559554.58	585200.52	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9937.57	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1000	Turbine Delivery Route Option 2	Cork	24600	TDR 25m intervals	559566.18	585178.37	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	9914.16	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1001	Turbine Delivery Route Option 2	Cork	24625	TDR 25m intervals	559577.77	585156.22	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9890.75	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1002	Turbine Delivery Route Option 2	Cork	24650	TDR 25m intervals	559589.03	585133.94	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9867.26	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1003	Turbine Delivery Route Option 2	Cork	24675	TDR 25m intervals	559595.13	585109.69	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9842.45	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1004	Turbine Delivery Route Option 2	Cork	24700	TDR 25m intervals	559601.22	585085.45	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9817.64	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1005	Turbine Delivery Route Option 2	Cork	24725	TDR 25m intervals	559607.32	585061.20	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9792.83	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1006	Turbine Delivery Route Option 2	Cork	24750	TDR 25m intervals	559613.42	585036.96	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9768.02	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1007	Turbine Delivery Route Option 2	Cork	24775	TDR 25m intervals	559619.51	585012.71	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9743.22	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1008	Turbine Delivery Route Option 2	Cork	24800	TDR 25m intervals	559625.61	584988.47	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9718.41	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1009	Turbine Delivery Route Option 2	Cork	24825	TDR 25m intervals	559630.42	584963.96	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9693.50	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1010	Turbine Delivery Route Option 2	Cork	24850	TDR 25m intervals	559634.32	584939.27	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9668.51	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1011	Turbine Delivery Route Option 2	Cork	24875	TDR 25m intervals	559638.21	584914.57	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9643.53	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1012	Turbine Delivery Route Option 2	Cork	24900	TDR 25m intervals	559642.11	584889.88	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9618.54	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1013	Turbine Delivery Route Option 2	Cork	24925	TDR 25m intervals	559646.00	584865.18	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9593.55	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1014	Turbine Delivery Route Option 2	Cork	24950	TDR 25m intervals	559649.90	584840.49	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9568.57	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1015	Turbine Delivery Route Option 2	Cork	24975	TDR 25m intervals	559653.79	584815.79	NA	NA	Yes	MARTIN_020	MARTIN_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6450.59	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1016	Turbine Delivery Route Option 2	Cork	25000	TDR 25m intervals	559657.69	584791.10	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9518.59	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1017	Turbine Delivery Route Option 2	Cork	25025	TDR 25m intervals	559661.58	584766.40	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9493.61	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1018	Turbine Delivery Route Option 2	Cork	25050	TDR 25m intervals	559665.48	584741.71	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9468.62	Yes	No	No	No	No	Tile_10	ELEVATED RISK Within GW Buffer Zone
1019	Turbine Delivery Route Option 2	Cork	25075	TDR 25m intervals	559669.38	584717.01	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9443.63	No	No	No	No	No	Tile_10	NA
1020	Turbine Delivery Route Option 2	Cork	25100	TDR 25m intervals	559673.27	584692.32	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9418.65	No	No	No	No	No	Tile_10	NA
1021	Turbine Delivery Route Option 2	Cork	25125	TDR 25m intervals	559677.17	584667.63	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9393.66	No	No	No	No	No	Tile_10	NA
1022	Turbine Delivery Route Option 2	Cork	25150	TDR 25m intervals	559681.06	584642.93	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9368.67	No	No	No	No	No	Tile_10	NA
1023	Turbine Delivery Route Option 2	Cork	25175	TDR 25m intervals	559684.96	584618.24	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9343.69	No	No	No	No	No	Tile_10	NA
1024	Turbine Delivery Route Option 2	Cork	25200	TDR 25m intervals	559688.85	584593.54	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9318.70	No	No	No	No	No	Tile_10	NA
1025	Turbine Delivery Route Option 2	Cork	25225	TDR 25m intervals	559692.75	584568.85	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9293.72	No	No	No	No	No	Tile_10	NA
1026	Turbine Delivery Route Option 2	Cork	25250	TDR 25m intervals	559696.64	584544.15	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9268.73	No	No	No	No	No	Tile_10	NA
1027	Turbine Delivery Route Option 2	Cork	25275	TDR 25m intervals	559700.54	584519.46	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9243.75	No	No	No	No	No	Tile_10	NA
1028	Turbine Delivery Route Option 2	Cork	25300	TDR 25m intervals	559704.44	584494.76	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9218.76	No	No	No	No	No	Tile_10	NA
1029	Turbine Delivery Route Option 2	Cork	25325	TDR 25m intervals	559708.33	584470.07	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9193.78	No	No	No	No	No	Tile_10	NA
1030	Turbine Delivery Route Option 2	Cork	25350	TDR 25m intervals	559712.23	584445.37	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9168.79	No	No	No	No	No	Tile_10	NA
1031	Turbine Delivery Route Option 2	Cork	25375	TDR 25m intervals	559716.12	584420.68	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9143.81	No	No	No	No	No	Tile_10	NA
1032	Turbine Delivery Route Option 2	Cork	25400	TDR 25m intervals	559720.02	584395.98	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9118.82	No	No	No	No	No	Tile_10	NA
1033	Turbine Delivery Route Option 2	Cork	25425	TDR 25m intervals	559723.91	584371.29	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9093.83	No	No	No	No	No	Tile_10	NA
1034	Turbine Delivery Route Option 2	Cork	25450	TDR 25m intervals	559727.81	584346.59	NA	NA	No	NA	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9068.85	No	No	No	No	No	Tile_10	NA
1035	Turbine Delivery Route Option 2	Cork	25475	TDR 25m intervals	559731.70	584321.90	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9043.87	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1036	Turbine Delivery Route Option 2	Cork	25500	TDR 25m intervals	559735.60	584297.20	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9018.88	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1037	Turbine Delivery Route Option 2	Cork		TDR_WCC_216	559743.69	584284.66	WCC		Yes	MARTIN_010	MARTIN_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	9018.88	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1038	Turbine Delivery Route Option 2	Cork	25525	TDR 25m intervals	559739.49	584272.51	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8993.90	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1039	Turbine Delivery Route Option 2	Cork	25550	TDR 25m intervals	559743.39	584247.82	NA	NA	Yes	MARTIN_010	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8968.91	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1040	Turbine Delivery Route Option 2	Cork	25575	TDR 25m intervals	559747.29	584223.12	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8943.93	No	No	No	No	No	Tile_10	NA
1041	Turbine Delivery Route Option 2	Cork	25600	TDR 25m intervals	559751.18	584198.43	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8918.94	No	No	No	No	No	Tile_10	NA
1042	Turbine Delivery Route Option 2	Cork	25625	TDR 25m intervals	559755.08	584173.73	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8893.96	No	No	No	No	No	Tile_10	NA
1043	Turbine Delivery Route Option 2	Cork	25650	TDR 25m intervals	559758.97	584149.04	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8868.98	No	No	No	No	No	Tile_10	NA
1044	Turbine Delivery Route Option 2	Cork	25675	TDR 25m intervals	559762.87	584124.34	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8843.99	No	No	No	No	No	Tile_10	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1045	Turbine Delivery Route Option 2	Cork	25700	TDR 25m intervals	559766.76	584099.65	NA	NA	No	NA	MARTIN_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8819.01	No	No	No	No	No	Tile_10	NA
1046	Turbine Delivery Route Option 2	Cork	25725	TDR 25m intervals	559770.66	584074.95	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8794.02	No	No	No	No	No	Tile_10	NA
1047	Turbine Delivery Route Option 2	Cork	25750	TDR 25m intervals	559773.60	584050.13	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8769.02	No	No	No	No	No	Tile_10	NA
1048	Turbine Delivery Route Option 2	Cork	25775	TDR 25m intervals	559776.34	584025.28	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8744.02	No	No	No	No	No	Tile_10	NA
1049	Turbine Delivery Route Option 2	Cork	25800	TDR 25m intervals	559779.08	584000.43	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8719.02	No	No	No	No	No	Tile_10	NA
1050	Turbine Delivery Route Option 2	Cork	25825	TDR 25m intervals	559781.82	583975.58	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8694.01	No	No	No	No	No	Tile_10	NA
1051	Turbine Delivery Route Option 2	Cork	25850	TDR 25m intervals	559782.87	583950.63	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8669.10	No	No	No	No	No	Tile_10	NA
1052	Turbine Delivery Route Option 2	Cork	25875	TDR 25m intervals	559783.21	583925.63	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8644.23	No	No	No	No	No	Tile_10	NA
1053	Turbine Delivery Route Option 2	Cork	25900	TDR 25m intervals	559783.54	583900.63	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8619.36	No	No	No	No	No	Tile_10	NA
1054	Turbine Delivery Route Option 2	Cork	25925	TDR 25m intervals	559783.88	583875.64	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8594.49	No	No	No	No	No	Tile_10	NA
1055	Turbine Delivery Route Option 2	Cork	25950	TDR 25m intervals	559783.12	583850.74	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8569.85	No	No	No	No	No	Tile_10	NA
1056	Turbine Delivery Route Option 2	Cork	25975	TDR 25m intervals	559778.08	583826.26	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8546.13	No	No	No	No	No	Tile_10	NA
1057	Turbine Delivery Route Option 2	Cork	26000	TDR 25m intervals	559773.04	583801.77	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8522.41	No	No	No	No	No	Tile_10	NA
1058	Turbine Delivery Route Option 2	Cork	26025	TDR 25m intervals	559768.00	583777.28	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8498.70	No	No	No	No	No	Tile_10	NA
1059	Turbine Delivery Route Option 2	Cork	26050	TDR 25m intervals	559762.96	583752.80	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8474.99	No	No	No	No	No	Tile_10	NA
1060	Turbine Delivery Route Option 2	Cork	26075	TDR 25m intervals	559757.92	583728.31	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8451.29	No	No	No	No	No	Tile_10	NA
1061	Turbine Delivery Route Option 2	Cork	26100	TDR 25m intervals	559752.88	583703.82	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8427.60	No	No	No	No	No	Tile_10	NA
1062	Turbine Delivery Route Option 2	Cork	26125	TDR 25m intervals	559747.84	583679.33	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8403.92	No	No	No	No	No	Tile_10	NA
1063	Turbine Delivery Route Option 2	Cork	26150	TDR 25m intervals	559742.81	583654.85	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8380.25	No	No	No	No	No	Tile_10	NA
1064	Turbine Delivery Route Option 2	Cork	26175	TDR 25m intervals	559737.77	583630.36	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8356.58	No	No	No	No	No	Tile_10	NA
1065	Turbine Delivery Route Option 2	Cork	26200	TDR 25m intervals	559732.73	583605.87	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8332.92	No	No	No	No	No	Tile_10	NA
1066	Turbine Delivery Route Option 2	Cork	26225	TDR 25m intervals	559727.69	583581.39	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8309.27	No	No	No	No	No	Tile_10	NA
1067	Turbine Delivery Route Option 2	Cork	26250	TDR 25m intervals	559722.65	583556.90	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8285.63	No	No	No	No	No	Tile_10	NA
1068	Turbine Delivery Route Option 2	Cork	26275	TDR 25m intervals	559717.61	583532.41	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8262.00	No	No	No	No	No	Tile_10	NA
1069	Turbine Delivery Route Option 2	Cork	26300	TDR 25m intervals	559712.57	583507.93	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8238.37	No	No	No	No	No	Tile_10	NA
1070	Turbine Delivery Route Option 2	Cork	26325	TDR 25m intervals	559707.53	583483.44	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8214.75	No	No	No	No	No	Tile_10	NA
1071	Turbine Delivery Route Option 2	Cork	26350	TDR 25m intervals	559702.49	583458.95	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8191.14	No	No	No	No	No	Tile_10	NA
1072	Turbine Delivery Route Option 2	Cork	26375	TDR 25m intervals	559699.20	583434.18	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8167.03	No	No	No	No	No	Tile_10	NA
1073	Turbine Delivery Route Option 2	Cork	26400	TDR 25m intervals	559696.23	583409.36	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8142.82	No	No	No	No	No	Tile_10	NA
1074	Turbine Delivery Route Option 2	Cork	26425	TDR 25m intervals	559693.27	583384.54	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	8118.62	No	No	No	No	No	Tile_10	NA
1075	Turbine Delivery Route Option 2	Cork	26450	TDR 25m intervals	559690.31	583359.71	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8094.42	No	No	No	No	No	Tile_10	NA
1076	Turbine Delivery Route Option 2	Cork	26475	TDR 25m intervals	559687.34	583334.89	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8070.23	No	No	No	No	No	Tile_10	NA
1077	Turbine Delivery Route Option 2	Cork	26500	TDR 25m intervals	559684.38	583310.06	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8046.04	No	No	No	No	No	Tile_10	NA
1078	Turbine Delivery Route Option 2	Cork	26525	TDR 25m intervals	559681.41	583285.24	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	8021.85	No	No	No	No	No	Tile_10	NA
1079	Turbine Delivery Route Option 2	Cork	26550	TDR 25m intervals	559680.86	583260.25	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7997.18	No	No	No	No	No	Tile_10	NA
1080	Turbine Delivery Route Option 2	Cork	26575	TDR 25m intervals	559680.44	583235.26	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7972.48	No	No	No	No	No	Tile_10	NA
1081	Turbine Delivery Route Option 2	Cork	26600	TDR 25m intervals	559680.03	583210.26	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7947.78	No	No	No	No	No	Tile_10	NA
1082	Turbine Delivery Route Option 2	Cork	26625	TDR 25m intervals	559679.61	583185.26	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7923.08	No	No	No	No	No	Tile_10	NA
1083	Turbine Delivery Route Option 2	Cork	26650	TDR 25m intervals	559679.19	583160.27	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7898.39	No	No	No	No	No	Tile_10	NA
1084	Turbine Delivery Route Option 2	Cork	26675	TDR 25m intervals	559678.78	583135.27	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7873.69	No	No	No	No	No	Tile_10	NA
1085	Turbine Delivery Route Option 2	Cork	26700	TDR 25m intervals	559678.36	583110.27	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7849.00	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1086	Turbine Delivery Route Option 2	Cork	26725	TDR 25m intervals	559678.28	583085.29	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7824.28	No	No	No	No	No	Tile_10	ELEVATED RISK Within SW Buffer Zone
1087	Turbine Delivery Route Option 2	Cork	26750	TDR 25m intervals	559680.17	583060.36	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7799.33	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1088	Turbine Delivery Route Option 2	Cork		TDR_WCC_217	559693.52	583042.91	WCC		Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7799.33	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1089	Turbine Delivery Route Option 2	Cork	26775	TDR 25m intervals	559682.06	583035.43	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7774.38	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1090	Turbine Delivery Route Option 2	Cork	26800	TDR 25m intervals	559683.95	583010.50	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7749.43	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1091	Turbine Delivery Route Option 2	Cork	26825	TDR 25m intervals	559685.85	582985.57	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7724.49	No	No	No	No	No	Tile_11	NA
1092	Turbine Delivery Route Option 2	Cork	26850	TDR 25m intervals	559687.74	582960.65	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7699.54	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1093	Turbine Delivery Route Option 2	Cork	26875	TDR 25m intervals	559689.58	582935.71	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7674.60	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1094	Turbine Delivery Route Option 2	Cork	26900	TDR 25m intervals	559691.34	582910.78	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7649.66	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1095	Turbine Delivery Route Option 2	Cork	26925	TDR 25m intervals	559693.10	582885.84	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7624.72	No	No	No	No	No	Tile_11	NA
1096	Turbine Delivery Route Option 2	Cork	26950	TDR 25m intervals	559694.86	582860.90	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7599.79	No	No	No	No	No	Tile_11	NA
1097	Turbine Delivery Route Option 2	Cork	26975	TDR 25m intervals	559696.62	582835.96	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7574.85	No	No	No	No	No	Tile_11	NA
1098	Turbine Delivery Route Option 2	Cork	27000	TDR 25m intervals	559698.38	582811.02	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7549.92	No	No	No	No	No	Tile_11	NA
1099	Turbine Delivery Route Option 2	Cork	27025	TDR 25m intervals	559699.14	582786.08	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7525.12	No	No	No	No	No	Tile_11	NA
1100	Turbine Delivery Route Option 2	Cork	27050	TDR 25m intervals	559697.51	582761.14	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7500.68	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1101	Turbine Delivery Route Option 2	Cork	27075	TDR 25m intervals	559695.87	582736.19	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7476.23	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1102	Turbine Delivery Route Option 2	Cork	27100	TDR 25m intervals	559694.23	582711.24	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7451.79	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1103	Turbine Delivery Route Option 2	Cork	27125	TDR 25m intervals	559692.59	582686.30	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7427.35	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1104	Turbine Delivery Route Option 2	Cork	27150	TDR 25m intervals	559690.96	582661.35	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7402.92	No	No	No	No	No	Tile_11	NA
1105	Turbine Delivery Route Option 2	Cork	27175	TDR 25m intervals	559688.95	582636.44	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7378.58	No	No	No	No	No	Tile_11	NA
1106	Turbine Delivery Route Option 2	Cork	27200	TDR 25m intervals	559685.94	582611.62	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7354.49	No	No	No	No	No	Tile_11	NA
1107	Turbine Delivery Route Option 2	Cork	27225	TDR 25m intervals	559682.92	582586.80	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7330.40	No	No	No	No	No	Tile_11	NA
1108	Turbine Delivery Route Option 2	Cork	27250	TDR 25m intervals	559679.91	582561.99	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7306.32	No	No	No	No	No	Tile_11	NA
1109	Turbine Delivery Route Option 2	Cork	27275	TDR 25m intervals	559676.90	582537.17	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	7282.25	No	No	No	No	No	Tile_11	NA
1110	Turbine Delivery Route Option 2	Cork	27300	TDR 25m intervals	559673.89	582512.35	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	7258.18	No	No	No	No	No	Tile_11	NA
1111	Turbine Delivery Route Option 2	Cork	27325	TDR 25m intervals	559670.88	582487.53	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7234.12	No	No	No	No	No	Tile_11	NA
1112	Turbine Delivery Route Option 2	Cork	27350	TDR 25m intervals	559667.86	582462.71	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7210.06	No	No	No	No	No	Tile_11	NA
1113	Turbine Delivery Route Option 2	Cork	27375	TDR 25m intervals	559664.85	582437.90	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7186.02	No	No	No	No	No	Tile_11	NA
1114	Turbine Delivery Route Option 2	Cork	27400	TDR 25m intervals	559661.84	582413.08	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7161.97	No	No	No	No	No	Tile_11	NA
1115	Turbine Delivery Route Option 2	Cork	27425	TDR 25m intervals	559658.83	582388.26	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7137.94	No	No	No	No	No	Tile_11	NA
1116	Turbine Delivery Route Option 2	Cork	27450	TDR 25m intervals	559655.77	582363.45	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7113.92	No	No	No	No	No	Tile_11	NA
1117	Turbine Delivery Route Option 2	Cork	27475	TDR 25m intervals	559652.70	582338.64	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	7089.92	No	No	No	No	No	Tile_11	NA
1118	Turbine Delivery Route Option 2	Cork	27500	TDR 25m intervals	559649.64	582313.83	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	7065.92	No	No	No	No	No	Tile_11	NA
1119	Turbine Delivery Route Option 2	Cork	27525	TDR 25m intervals	559646.58	582289.01	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	7041.92	No	No	No	No	No	Tile_11	NA
1120	Turbine Delivery Route Option 2	Cork	27550	TDR 25m intervals	559643.52	582264.20	NA	NA	No	NA	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	7017.94	No	No	No	No	No	Tile_11	NA
1121	Turbine Delivery Route Option 2	Cork	27575	TDR 25m intervals	559640.45	582239.39	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	6993.96	No	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone
1122	Turbine Delivery Route Option 2	Cork	27600	TDR 25m intervals	559637.39	582214.58	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	6969.98	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1123	Turbine Delivery Route Option 2	Cork	27625	TDR 25m intervals	559634.66	582189.74	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	6945.94	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1124	Turbine Delivery Route Option 2	Cork	27650	TDR 25m intervals	559633.64	582164.76	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	6921.47	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1125	Turbine Delivery Route Option 2	Cork	27675	TDR 25m intervals	559632.63	582139.78	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6897.01	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1126	Turbine Delivery Route Option 2	Cork	27700	TDR 25m intervals	559631.62	582114.80	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6872.55	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1127	Turbine Delivery Route Option 2	Cork	27725	TDR 25m intervals	559632.75	582089.84	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6847.75	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1128	Turbine Delivery Route Option 2	Cork	27750	TDR 25m intervals	559634.07	582064.87	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6822.92	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1129	Turbine Delivery Route Option 2	Cork	27775	TDR 25m intervals	559635.38	582039.91	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6798.08	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1130	Turbine Delivery Route Option 2	Cork	27800	TDR 25m intervals	559636.70	582014.94	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6773.25	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1131	Turbine Delivery Route Option 2	Cork	27825	TDR 25m intervals	559638.01	581989.97	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6748.43	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1132	Turbine Delivery Route Option 2	Cork	27850	TDR 25m intervals	559639.33	581965.01	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6723.60	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1133	Turbine Delivery Route Option 2	Cork	27875	TDR 25m intervals	559640.64	581940.04	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6698.77	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1134	Turbine Delivery Route Option 2	Cork	27900	TDR 25m intervals	559641.96	581915.08	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	6673.95	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1135	Turbine Delivery Route Option 2	Cork	27925	TDR 25m intervals	559643.27	581890.11	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6649.13	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1136	Turbine Delivery Route Option 2	Cork	27950	TDR 25m intervals	559644.59	581865.15	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6624.30	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1137	Turbine Delivery Route Option 2	Cork	27975	TDR 25m intervals	559645.90	581840.18	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6599.48	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1138	Turbine Delivery Route Option 2	Cork	28000	TDR 25m intervals	559647.22	581815.22	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6574.66	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1139	Turbine Delivery Route Option 2	Cork	28025	TDR 25m intervals	559648.53	581790.25	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6549.85	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1140	Turbine Delivery Route Option 2	Cork	28050	TDR 25m intervals	559649.85	581765.29	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6525.03	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1141	Turbine Delivery Route Option 2	Cork	28075	TDR 25m intervals	559651.16	581740.32	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6500.21	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1142	Turbine Delivery Route Option 2	Cork	28100	TDR 25m intervals	559652.48	581715.35	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6475.40	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1143	Turbine Delivery Route Option 2	Cork	28125	TDR 25m intervals	559653.79	581690.39	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6450.59	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1144	Turbine Delivery Route Option 2	Cork	28150	TDR 25m intervals	559655.11	581665.42	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6425.78	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1145	Turbine Delivery Route Option 2	Cork	28175	TDR 25m intervals	559657.59	581640.57	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6400.87	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1146	Turbine Delivery Route Option 2	Cork	28200	TDR 25m intervals	559660.92	581615.79	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6375.89	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1147	Turbine Delivery Route Option 2	Cork	28225	TDR 25m intervals	559664.24	581591.01	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6350.91	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1148	Turbine Delivery Route Option 2	Cork	28250	TDR 25m intervals	559667.56	581566.23	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6325.93	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1149	Turbine Delivery Route Option 2	Cork	28275	TDR 25m intervals	559670.89	581541.46	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6300.95	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1150	Turbine Delivery Route Option 2	Cork	28300	TDR 25m intervals	559674.21	581516.68	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6275.98	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1151	Turbine Delivery Route Option 2	Cork	28325	TDR 25m intervals	559677.54	581491.90	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6251.00	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1152	Turbine Delivery Route Option 2	Cork	28350	TDR 25m intervals	559683.81	581467.73	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6226.09	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1153	Turbine Delivery Route Option 2	Cork	28375	TDR 25m intervals	559690.52	581443.64	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6201.19	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1154	Turbine Delivery Route Option 2	Cork	28400	TDR 25m intervals	559697.22	581419.56	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6176.30	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1155	Turbine Delivery Route Option 2	Cork	28425	TDR 25m intervals	559703.93	581395.47	NA	NA	No	NA	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6151.41	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1156	Turbine Delivery Route Option 2	Cork	28450	TDR 25m intervals	559710.63	581371.39	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6126.51	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1157	Turbine Delivery Route Option 2	Cork	28475	TDR 25m intervals	559717.34	581347.31	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6101.62	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1158	Turbine Delivery Route Option 2	Cork		TDR_WCC_218	559722.79	581332.89	WCC		Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6101.62	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1159	Turbine Delivery Route Option 2	Cork	28500	TDR 25m intervals	559724.04	581323.22	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6076.73	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1160	Turbine Delivery Route Option 2	Cork	28525	TDR 25m intervals	559733.99	581300.35	NA	NA	Yes	MARTIN_020	MARTIN_020	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6052.47	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1161	Turbine Delivery Route Option 2	Cork	28550	TDR 25m intervals	559744.75	581277.79	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6028.38	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1162	Turbine Delivery Route Option 2	Cork	28575	TDR 25m intervals	559755.51	581255.22	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	6004.29	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1163	Turbine Delivery Route Option 2	Cork	28600	TDR 25m intervals	559766.28	581232.66	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5980.21	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1164	Turbine Delivery Route Option 2	Cork	28625	TDR 25m intervals	559777.04	581210.09	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5956.13	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1165	Turbine Delivery Route Option 2	Cork	28650	TDR 25m intervals	559787.80	581187.53	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5932.07	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1166	Turbine Delivery Route Option 2	Cork	28675	TDR 25m intervals	559798.56	581164.96	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5908.01	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1167	Turbine Delivery Route Option 2	Cork	28700	TDR 25m intervals	559809.32	581142.40	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5883.96	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1168	Turbine Delivery Route Option 2	Cork	28725	TDR 25m intervals	559820.08	581119.83	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5859.92	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1169	Turbine Delivery Route Option 2	Cork	28750	TDR 25m intervals	559830.84	581097.27	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5835.89	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1170	Turbine Delivery Route Option 2	Cork	28775	TDR 25m intervals	559841.60	581074.70	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5811.86	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1171	Turbine Delivery Route Option 2	Cork	28800	TDR 25m intervals	559852.37	581052.14	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5787.84	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1172	Turbine Delivery Route Option 2	Cork	28825	TDR 25m intervals	559863.26	581029.64	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5763.88	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1173	Turbine Delivery Route Option 2	Cork	28850	TDR 25m intervals	559874.26	581007.18	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5739.95	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1174	Turbine Delivery Route Option 2	Cork	28875	TDR 25m intervals	559885.25	580984.73	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5716.03	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1175	Turbine Delivery Route Option 2	Cork	28900	TDR 25m intervals	559896.24	580962.28	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5692.13	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1176	Turbine Delivery Route Option 2	Cork	28925	TDR 25m intervals	559907.24	580939.82	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5668.23	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1177	Turbine Delivery Route Option 2	Cork	28950	TDR 25m intervals	559918.23	580917.37	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5644.34	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1178	Turbine Delivery Route Option 2	Cork	28975	TDR 25m intervals	559929.23	580894.92	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5620.46	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1179	Turbine Delivery Route Option 2	Cork	29000	TDR 25m intervals	559940.22	580872.47	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5596.59	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1180	Turbine Delivery Route Option 2	Cork	29025	TDR 25m intervals	559951.22	580850.01	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5572.73	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1181	Turbine Delivery Route Option 2	Cork	29050	TDR 25m intervals	559962.21	580827.56	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5548.88	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1182	Turbine Delivery Route Option 2	Cork	29075	TDR 25m intervals	559973.21	580805.11	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5525.04	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1183	Turbine Delivery Route Option 2	Cork	29100	TDR 25m intervals	559984.20	580782.66	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5501.22	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1184	Turbine Delivery Route Option 2	Cork	29125	TDR 25m intervals	559995.20	580760.20	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5477.40	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1185	Turbine Delivery Route Option 2	Cork	29150	TDR 25m intervals	560006.19	580737.75	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5453.59	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1186	Turbine Delivery Route Option 2	Cork	29175	TDR 25m intervals	560017.19	580715.30	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5429.79	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1187	Turbine Delivery Route Option 2	Cork	29200	TDR 25m intervals	560028.18	580692.84	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5406.01	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1188	Turbine Delivery Route Option 2	Cork	29225	TDR 25m intervals	560039.17	580670.39	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5382.24	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1189	Turbine Delivery Route Option 2	Cork	29250	TDR 25m intervals	560050.17	580647.94	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5358.47	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1190	Turbine Delivery Route Option 2	Cork	29275	TDR 25m intervals	560061.16	580625.49	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5334.72	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1191	Turbine Delivery Route Option 2	Cork	29300	TDR 25m intervals	560072.16	580603.04	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5310.98	Yes	No	No	No	No	Tile_11	ELEVATED RISK Within GW Buffer Zone
1192	Turbine Delivery Route Option 2	Cork	29325	TDR 25m intervals	560083.15	580580.58	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5287.25	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1193	Turbine Delivery Route Option 2	Cork	29350	TDR 25m intervals	560094.15	580558.13	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5263.53	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1194	Turbine Delivery Route Option 2	Cork	29375	TDR 25m intervals	560105.14	580535.68	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5239.83	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1195	Turbine Delivery Route Option 2	Cork	29400	TDR 25m intervals	560116.14	580513.22	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5216.13	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1196	Turbine Delivery Route Option 2	Cork	29425	TDR 25m intervals	560127.13	580490.77	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5192.45	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1197	Turbine Delivery Route Option 2	Cork	29450	TDR 25m intervals	560138.12	580468.32	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5168.79	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1198	Turbine Delivery Route Option 2	Cork	29475	TDR 25m intervals	560149.12	580445.87	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5145.13	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1199	Turbine Delivery Route Option 2	Cork	29500	TDR 25m intervals	560160.11	580423.41	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5121.49	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1200	Turbine Delivery Route Option 2	Cork	29525	TDR 25m intervals	560171.11	580400.96	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5097.86	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1201	Turbine Delivery Route Option 2	Cork	29550	TDR 25m intervals	560182.10	580378.51	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5074.24	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1202	Turbine Delivery Route Option 2	Cork	29575	TDR 25m intervals	560193.10	580356.06	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5050.64	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1203	Turbine Delivery Route Option 2	Cork	29600	TDR 25m intervals	560203.93	580333.53	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5027.00	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1204	Turbine Delivery Route Option 2	Cork	29625	TDR 25m intervals	560212.98	580310.23	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	5002.80	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1205	Turbine Delivery Route Option 2	Cork	29650	TDR 25m intervals	560222.03	580286.92	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4978.61	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1206	Turbine Delivery Route Option 2	Cork	29675	TDR 25m intervals	560231.08	580263.62	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4954.42	No	No	No	No	No	Tile_12	NA
1207	Turbine Delivery Route Option 2	Cork	29700	TDR 25m intervals	560240.13	580240.31	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4930.25	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1208	Turbine Delivery Route Option 2	Cork	29725	TDR 25m intervals	560249.17	580217.01	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4906.08	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1209	Turbine Delivery Route Option 2	Cork	29750	TDR 25m intervals	560258.22	580193.70	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4881.92	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1210	Turbine Delivery Route Option 2	Cork		TDR_WCC_219	560257.95	580191.49	WCC		Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4881.92	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1211	Turbine Delivery Route Option 2	Cork	29775	TDR 25m intervals	560266.62	580170.22	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4857.66	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1212	Turbine Delivery Route Option 2	Cork	29800	TDR 25m intervals	560270.80	580145.57	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4832.70	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1213	Turbine Delivery Route Option 2	Cork	29825	TDR 25m intervals	560274.97	580120.92	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4807.75	No	No	No	No	No	Tile_12	NA
1214	Turbine Delivery Route Option 2	Cork	29850	TDR 25m intervals	560279.14	580096.27	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4782.79	No	No	No	No	No	Tile_12	NA
1215	Turbine Delivery Route Option 2	Cork	29875	TDR 25m intervals	560283.32	580071.62	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4757.83	No	No	No	No	No	Tile_12	NA
1216	Turbine Delivery Route Option 2	Cork	29900	TDR 25m intervals	560287.49	580046.97	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4732.87	No	No	No	No	No	Tile_12	NA
1217	Turbine Delivery Route Option 2	Cork	29925	TDR 25m intervals	560291.66	580022.32	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4707.92	No	No	No	No	No	Tile_12	NA
1218	Turbine Delivery Route Option 2	Cork	29950	TDR 25m intervals	560295.83	579997.67	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4682.96	No	No	No	No	No	Tile_12	NA
1219	Turbine Delivery Route Option 2	Cork	29975	TDR 25m intervals	560300.01	579973.03	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4658.01	No	No	No	No	No	Tile_12	NA
1220	Turbine Delivery Route Option 2	Cork	30000	TDR 25m intervals	560304.18	579948.38	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4633.05	No	No	No	No	No	Tile_12	NA
1221	Turbine Delivery Route Option 2	Cork	30025	TDR 25m intervals	560308.35	579923.73	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4608.10	No	No	No	No	No	Tile_12	NA
1222	Turbine Delivery Route Option 2	Cork	30050	TDR 25m intervals	560312.53	579899.08	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4583.14	No	No	No	No	No	Tile_12	NA
1223	Turbine Delivery Route Option 2	Cork	30075	TDR 25m intervals	560316.70	579874.43	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4558.19	No	No	No	No	No	Tile_12	NA
1224	Turbine Delivery Route Option 2	Cork	30100	TDR 25m intervals	560320.87	579849.78	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4533.24	No	No	No	No	No	Tile_12	NA
1225	Turbine Delivery Route Option 2	Cork	30125	TDR 25m intervals	560325.05	579825.13	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4508.29	No	No	No	No	No	Tile_12	NA
1226	Turbine Delivery Route Option 2	Cork	30150	TDR 25m intervals	560329.22	579800.48	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4483.33	No	No	No	No	No	Tile_12	NA
1227	Turbine Delivery Route Option 2	Cork	30175	TDR 25m intervals	560333.39	579775.83	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4458.38	No	No	No	No	No	Tile_12	NA
1228	Turbine Delivery Route Option 2	Cork	30200	TDR 25m intervals	560337.57	579751.18	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4433.43	No	No	No	No	No	Tile_12	NA
1229	Turbine Delivery Route Option 2	Cork	30225	TDR 25m intervals	560341.74	579726.53	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4408.48	No	No	No	No	No	Tile_12	NA
1230	Turbine Delivery Route Option 2	Cork	30250	TDR 25m intervals	560345.91	579701.88	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4383.54	No	No	No	No	No	Tile_12	NA
1231	Turbine Delivery Route Option 2	Cork	30275	TDR 25m intervals	560350.09	579677.23	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4358.59	No	No	No	No	No	Tile_12	NA
1232	Turbine Delivery Route Option 2	Cork	30300	TDR 25m intervals	560354.26	579652.58	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4333.64	No	No	No	No	No	Tile_12	NA
1233	Turbine Delivery Route Option 2	Cork	30325	TDR 25m intervals	560358.43	579627.94	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4308.69	No	No	No	No	No	Tile_12	NA
1234	Turbine Delivery Route Option 2	Cork	30350	TDR 25m intervals	560362.61	579603.29	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4283.75	No	No	No	No	No	Tile_12	NA
1235	Turbine Delivery Route Option 2	Cork	30375	TDR 25m intervals	560366.78	579578.64	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4258.80	No	No	No	No	No	Tile_12	NA
1236	Turbine Delivery Route Option 2	Cork	30400	TDR 25m intervals	560370.87	579553.98	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4233.85	No	No	No	No	No	Tile_12	NA
1237	Turbine Delivery Route Option 2	Cork	30425	TDR 25m intervals	560373.82	579529.15	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4208.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1238	Turbine Delivery Route Option 2	Cork	30450	TDR 25m intervals	560376.77	579504.33	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4183.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1239	Turbine Delivery Route Option 2	Cork		TDR_WCC_220	560379.20	579484.90	WCC		Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4183.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1240	Turbine Delivery Route Option 2	Cork	30475	TDR 25m intervals	560379.72	579479.50	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4158.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1241	Turbine Delivery Route Option 2	Cork	30500	TDR 25m intervals	560382.67	579454.68	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4133.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1242	Turbine Delivery Route Option 2	Cork	30525	TDR 25m intervals	560385.62	579429.85	NA	NA	Yes	MARTIN_030	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4108.85	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1243	Turbine Delivery Route Option 2	Cork	30550	TDR 25m intervals	560388.57	579405.03	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4083.86	No	No	No	No	No	Tile_12	NA
1244	Turbine Delivery Route Option 2	Cork	30575	TDR 25m intervals	560391.52	579380.20	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4058.86	No	No	No	No	No	Tile_12	NA
1245	Turbine Delivery Route Option 2	Cork	30600	TDR 25m intervals	560394.47	579355.37	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4033.86	No	No	No	No	No	Tile_12	NA
1246	Turbine Delivery Route Option 2	Cork	30625	TDR 25m intervals	560397.42	579330.55	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	4008.86	No	No	No	No	No	Tile_12	NA
1247	Turbine Delivery Route Option 2	Cork	30650	TDR 25m intervals	560400.37	579305.72	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3983.86	No	No	No	No	No	Tile_12	NA
1248	Turbine Delivery Route Option 2	Cork	30675	TDR 25m intervals	560403.32	579280.90	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3958.86	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1249	Turbine Delivery Route Option 2	Cork	30700	TDR 25m intervals	560406.27	579256.07	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3933.86	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1250	Turbine Delivery Route Option 2	Cork	30725	TDR 25m intervals	560409.22	579231.25	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3908.86	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1251	Turbine Delivery Route Option 2	Cork	30750	TDR 25m intervals	560412.17	579206.42	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3883.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1252	Turbine Delivery Route Option 2	Cork	30775	TDR 25m intervals	560415.12	579181.60	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3858.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1253	Turbine Delivery Route Option 2	Cork	30800	TDR 25m intervals	560418.07	579156.77	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3833.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1254	Turbine Delivery Route Option 2	Cork	30825	TDR 25m intervals	560421.03	579131.95	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3808.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1255	Turbine Delivery Route Option 2	Cork	30850	TDR 25m intervals	560423.97	579107.12	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3783.87	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1256	Turbine Delivery Route Option 2	Cork	30875	TDR 25m intervals	560426.93	579082.30	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3758.88	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1257	Turbine Delivery Route Option 2	Cork	30900	TDR 25m intervals	560429.88	579057.47	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3733.88	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1258	Turbine Delivery Route Option 2	Cork	30925	TDR 25m intervals	560432.83	579032.65	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3708.88	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1259	Turbine Delivery Route Option 2	Cork	30950	TDR 25m intervals	560435.78	579007.82	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3683.88	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1260	Turbine Delivery Route Option 2	Cork	30975	TDR 25m intervals	560438.73	578982.99	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3658.88	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1261	Turbine Delivery Route Option 2	Cork	31000	TDR 25m intervals	560441.68	578958.17	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3633.89	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1262	Turbine Delivery Route Option 2	Cork	31025	TDR 25m intervals	560448.97	578934.36	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3609.49	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1263	Turbine Delivery Route Option 2	Cork	31050	TDR 25m intervals	560457.31	578910.79	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3585.24	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1264	Turbine Delivery Route Option 2	Cork	31075	TDR 25m intervals	560465.64	578887.22	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3561.00	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1265	Turbine Delivery Route Option 2	Cork	31100	TDR 25m intervals	560473.98	578863.65	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3536.77	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1266	Turbine Delivery Route Option 2	Cork	31125	TDR 25m intervals	560482.31	578840.08	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3512.56	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1267	Turbine Delivery Route Option 2	Cork	31150	TDR 25m intervals	560490.65	578816.51	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3488.35	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1268	Turbine Delivery Route Option 2	Cork	31175	TDR 25m intervals	560498.98	578792.94	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3464.16	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1269	Turbine Delivery Route Option 2	Cork	31200	TDR 25m intervals	560507.32	578769.37	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3439.97	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1270	Turbine Delivery Route Option 2	Cork	31225	TDR 25m intervals	560515.66	578745.80	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3415.80	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1271	Turbine Delivery Route Option 2	Cork	31250	TDR 25m intervals	560523.99	578722.23	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3391.65	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1272	Turbine Delivery Route Option 2	Cork	31275	TDR 25m intervals	560532.33	578698.66	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3367.50	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1273	Turbine Delivery Route Option 2	Cork	31300	TDR 25m intervals	560540.66	578675.09	NA	NA	No	NA	MARTIN_030	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3343.37	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1274	Turbine Delivery Route Option 2	Cork	31325	TDR 25m intervals	560549.00	578651.52	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3319.25	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1275	Turbine Delivery Route Option 2	Cork	31350	TDR 25m intervals	560557.33	578627.95	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3295.14	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1276	Turbine Delivery Route Option 2	Cork	31375	TDR 25m intervals	560562.69	578603.54	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3270.40	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1277	Turbine Delivery Route Option 2	Cork	31400	TDR 25m intervals	560568.02	578579.11	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3245.67	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1278	Turbine Delivery Route Option 2	Cork	31425	TDR 25m intervals	560573.34	578554.69	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3220.93	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1279	Turbine Delivery Route Option 2	Cork	31450	TDR 25m intervals	560578.66	578530.26	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3196.20	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1280	Turbine Delivery Route Option 2	Cork	31475	TDR 25m intervals	560583.98	578505.83	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3171.48	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1281	Turbine Delivery Route Option 2	Cork	31500	TDR 25m intervals	560589.31	578481.40	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3146.75	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1282	Turbine Delivery Route Option 2	Cork	31525	TDR 25m intervals	560594.63	578456.98	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3122.04	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1283	Turbine Delivery Route Option 2	Cork	31550	TDR 25m intervals	560599.95	578432.55	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3097.33	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1284	Turbine Delivery Route Option 2	Cork	31575	TDR 25m intervals	560605.28	578408.12	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3072.62	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1285	Turbine Delivery Route Option 2	Cork	31600	TDR 25m intervals	560610.60	578383.70	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3047.92	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1286	Turbine Delivery Route Option 2	Cork	31625	TDR 25m intervals	560615.92	578359.27	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3023.22	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1287	Turbine Delivery Route Option 2	Cork	31650	TDR 25m intervals	560621.24	578334.84	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2998.53	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1288	Turbine Delivery Route Option 2	Cork	31675	TDR 25m intervals	560626.57	578310.42	NA	NA	No	NA	MARTIN_030	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2973.84	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1289	Turbine Delivery Route Option 2	Cork	31700	TDR 25m intervals	560631.89	578285.99	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2949.16	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1290	Turbine Delivery Route Option 2	Cork	31725	TDR 25m intervals	560637.21	578261.56	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2924.48	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1291	Turbine Delivery Route Option 2	Cork	31750	TDR 25m intervals	560642.54	578237.14	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2899.81	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1292	Turbine Delivery Route Option 2	Cork	31775	TDR 25m intervals	560647.86	578212.71	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2875.14	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within GW Buffer Zone
1293	Turbine Delivery Route Option 2	Cork	31800	TDR 25m intervals	560653.18	578188.28	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2850.48	Yes	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1294	Turbine Delivery Route Option 2	Cork	31825	TDR 25m intervals	560658.50	578163.86	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2825.83	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1295	Turbine Delivery Route Option 2	Cork		TDR_WCC_221	560659.33	578146.99	WCC		Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2825.83	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1296	Turbine Delivery Route Option 2	Cork	31850	TDR 25m intervals	560663.83	578139.43	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2801.18	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1297	Turbine Delivery Route Option 2	Cork	31875	TDR 25m intervals	560669.15	578115.00	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2776.54	No	No	No	No	No	Tile_12	ELEVATED RISK Within SW Buffer Zone
1298	Turbine Delivery Route Option 2	Cork	31900	TDR 25m intervals	560674.47	578090.57	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2751.91	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1299	Turbine Delivery Route Option 2	Cork	31925	TDR 25m intervals	560679.79	578066.15	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2727.28	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1300	Turbine Delivery Route Option 2	Cork	31950	TDR 25m intervals	560685.12	578041.72	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2702.66	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1301	Turbine Delivery Route Option 2	Cork	31975	TDR 25m intervals	560690.44	578017.30	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2678.05	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1302	Turbine Delivery Route Option 2	Cork	32000	TDR 25m intervals	560695.76	577992.87	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2653.44	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1303	Turbine Delivery Route Option 2	Cork	32025	TDR 25m intervals	560701.08	577968.44	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2628.84	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1304	Turbine Delivery Route Option 2	Cork	32050	TDR 25m intervals	560706.41	577944.02	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2604.25	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1305	Turbine Delivery Route Option 2	Cork	32075	TDR 25m intervals	560713.19	577919.97	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2580.01	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1306	Turbine Delivery Route Option 2	Cork	32100	TDR 25m intervals	560720.51	577896.06	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2555.90	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1307	Turbine Delivery Route Option 2	Cork	32125	TDR 25m intervals	560727.83	577872.16	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2531.82	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1308	Turbine Delivery Route Option 2	Cork	32150	TDR 25m intervals	560735.15	577848.26	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2507.75	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1309	Turbine Delivery Route Option 2	Cork	32175	TDR 25m intervals	560742.46	577824.35	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2483.70	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1310	Turbine Delivery Route Option 2	Cork	32200	TDR 25m intervals	560750.58	577800.74	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2459.95	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1311	Turbine Delivery Route Option 2	Cork	32225	TDR 25m intervals	560760.59	577777.83	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2436.90	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1312	Turbine Delivery Route Option 2	Cork	32250	TDR 25m intervals	560770.59	577754.92	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2413.89	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1313	Turbine Delivery Route Option 2	Cork	32275	TDR 25m intervals	560780.60	577732.01	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2390.93	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1314	Turbine Delivery Route Option 2	Cork	32300	TDR 25m intervals	560790.61	577709.10	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2368.00	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1315	Turbine Delivery Route Option 2	Cork	32325	TDR 25m intervals	560800.61	577686.19	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2345.11	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1316	Turbine Delivery Route Option 2	Cork	32350	TDR 25m intervals	560813.72	577665.11	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2324.14	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1317	Turbine Delivery Route Option 2	Cork	32375	TDR 25m intervals	560828.99	577645.32	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2304.56	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1318	Turbine Delivery Route Option 2	Cork	32400	TDR 25m intervals	560844.27	577625.53	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2285.09	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1319	Turbine Delivery Route Option 2	Cork	32425	TDR 25m intervals	560859.54	577605.74	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2265.73	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1320	Turbine Delivery Route Option 2	Cork	32450	TDR 25m intervals	560874.81	577585.95	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2246.48	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1321	Turbine Delivery Route Option 2	Cork	32475	TDR 25m intervals	560890.09	577566.16	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2227.34	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1322	Turbine Delivery Route Option 2	Cork	32500	TDR 25m intervals	560905.36	577546.37	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2208.32	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1323	Turbine Delivery Route Option 2	Cork	32525	TDR 25m intervals	560921.03	577526.89	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2189.76	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1324	Turbine Delivery Route Option 2	Cork	32550	TDR 25m intervals	560937.35	577507.96	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2171.91	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1325	Turbine Delivery Route Option 2	Cork	32575	TDR 25m intervals	560953.67	577489.02	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2154.21	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1326	Turbine Delivery Route Option 2	Cork	32600	TDR 25m intervals	560969.99	577470.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2136.64	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1327	Turbine Delivery Route Option 2	Cork	32625	TDR 25m intervals	560986.31	577451.14	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2119.23	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1328	Turbine Delivery Route Option 2	Cork	32650	TDR 25m intervals	561002.63	577432.21	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2101.97	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1329	Turbine Delivery Route Option 2	Cork	32675	TDR 25m intervals	561018.95	577413.27	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2084.87	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1330	Turbine Delivery Route Option 2	Cork	32700	TDR 25m intervals	561035.27	577394.33	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2067.93	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1331	Turbine Delivery Route Option 2	Cork	32725	TDR 25m intervals	561052.86	577376.63	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2052.54	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1332	Turbine Delivery Route Option 2	Cork	32750	TDR 25m intervals	561071.30	577359.74	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2038.27	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1333	Turbine Delivery Route Option 2	Cork	32775	TDR 25m intervals	561089.74	577342.85	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2024.20	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1334	Turbine Delivery Route Option 2	Cork	32800	TDR 25m intervals	561108.17	577325.97	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	2010.35	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1335	Turbine Delivery Route Option 2	Cork	32825	TDR 25m intervals	561126.61	577309.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	1996.72	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1336	Turbine Delivery Route Option 2	Cork	32850	TDR 25m intervals	561145.04	577292.20	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1983.31	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1337	Turbine Delivery Route Option 2	Cork	32875	TDR 25m intervals	561163.48	577275.31	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1970.12	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1338	Turbine Delivery Route Option 2	Cork	32900	TDR 25m intervals	561181.92	577258.43	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1957.16	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1339	Turbine Delivery Route Option 2	Cork	32925	TDR 25m intervals	561200.79	577242.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1945.06	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1340	Turbine Delivery Route Option 2	Cork	32950	TDR 25m intervals	561221.31	577227.81	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1935.60	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1341	Turbine Delivery Route Option 2	Cork	32975	TDR 25m intervals	561241.84	577213.54	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1926.42	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1342	Turbine Delivery Route Option 2	Cork	33000	TDR 25m intervals	561262.36	577199.27	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1917.51	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1343	Turbine Delivery Route Option 2	Cork	33025	TDR 25m intervals	561282.89	577185.00	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1908.90	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1344	Turbine Delivery Route Option 2	Cork	33050	TDR 25m intervals	561303.42	577170.72	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1900.57	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1345	Turbine Delivery Route Option 2	Cork	33075	TDR 25m intervals	561323.94	577156.45	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1892.54	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1346	Turbine Delivery Route Option 2	Cork	33100	TDR 25m intervals	561344.47	577142.18	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1884.80	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1347	Turbine Delivery Route Option 2	Cork	33125	TDR 25m intervals	561364.99	577127.91	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1877.37	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1348	Turbine Delivery Route Option 2	Cork	33150	TDR 25m intervals	561385.52	577113.64	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1870.24	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1349	Turbine Delivery Route Option 2	Cork	33175	TDR 25m intervals	561406.04	577099.36	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1863.41	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1350	Turbine Delivery Route Option 2	Cork	33200	TDR 25m intervals	561426.57	577085.09	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1856.90	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1351	Turbine Delivery Route Option 2	Cork	33225	TDR 25m intervals	561447.09	577070.82	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1850.71	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1352	Turbine Delivery Route Option 2	Cork	33250	TDR 25m intervals	561467.62	577056.55	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1844.83	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1353	Turbine Delivery Route Option 2	Cork	33275	TDR 25m intervals	561488.15	577042.28	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1839.28	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1354	Turbine Delivery Route Option 2	Cork	33300	TDR 25m intervals	561508.67	577028.00	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1834.05	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1355	Turbine Delivery Route Option 2	Cork	33325	TDR 25m intervals	561529.20	577013.73	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1829.14	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1356	Turbine Delivery Route Option 2	Cork	33350	TDR 25m intervals	561549.72	576999.46	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1824.57	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1357	Turbine Delivery Route Option 2	Cork	33375	TDR 25m intervals	561570.25	576985.19	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1820.32	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1358	Turbine Delivery Route Option 2	Cork	33400	TDR 25m intervals	561590.78	576970.92	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1816.41	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1359	Turbine Delivery Route Option 2	Cork	33425	TDR 25m intervals	561611.30	576956.64	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1812.84	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1360	Turbine Delivery Route Option 2	Cork	33450	TDR 25m intervals	561631.83	576942.37	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1809.61	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1361	Turbine Delivery Route Option 2	Cork	33475	TDR 25m intervals	561652.35	576928.10	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1806.71	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1362	Turbine Delivery Route Option 2	Cork	33500	TDR 25m intervals	561672.88	576913.83	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1804.16	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1363	Turbine Delivery Route Option 2	Cork	33525	TDR 25m intervals	561693.41	576899.56	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1801.95	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1364	Turbine Delivery Route Option 2	Cork	33550	TDR 25m intervals	561713.93	576885.28	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1800.09	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1365	Turbine Delivery Route Option 2	Cork	33575	TDR 25m intervals	561734.04	576870.47	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1797.89	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1366	Turbine Delivery Route Option 2	Cork	33600	TDR 25m intervals	561753.01	576854.19	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1794.19	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1367	Turbine Delivery Route Option 2	Cork	33625	TDR 25m intervals	561771.99	576837.92	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1790.84	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1368	Turbine Delivery Route Option 2	Cork	33650	TDR 25m intervals	561790.96	576821.64	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1787.83	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1369	Turbine Delivery Route Option 2	Cork	33675	TDR 25m intervals	561809.94	576805.36	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1785.16	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1370	Turbine Delivery Route Option 2	Cork	33700	TDR 25m intervals	561828.92	576789.09	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1782.84	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1371	Turbine Delivery Route Option 2	Cork	33725	TDR 25m intervals	561847.84	576772.76	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1780.80	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1372	Turbine Delivery Route Option 2	Cork	33750	TDR 25m intervals	561864.15	576753.81	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1775.43	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1373	Turbine Delivery Route Option 2	Cork	33775	TDR 25m intervals	561880.45	576734.86	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1770.40	Yes	No	No	No	No	Tile_13	ELEVATED RISK Within GW Buffer Zone
1374	Turbine Delivery Route Option 2	Cork	33800	TDR 25m intervals	561896.75	576715.90	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1765.70	No	No	No	No	No	Tile_13	NA
1375	Turbine Delivery Route Option 2	Cork	33825	TDR 25m intervals	561913.06	576696.95	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1761.35	No	No	No	No	No	Tile_13	NA
1376	Turbine Delivery Route Option 2	Cork	33850	TDR 25m intervals	561928.60	576677.41	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1756.40	No	No	No	No	No	Tile_13	NA
1377	Turbine Delivery Route Option 2	Cork	33875	TDR 25m intervals	561943.07	576657.02	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1750.45	No	No	No	No	No	Tile_13	NA
1378	Turbine Delivery Route Option 2	Cork	33900	TDR 25m intervals	561957.53	576636.63	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1744.83	No	No	No	No	No	Tile_13	NA
1379	Turbine Delivery Route Option 2	Cork	33925	TDR 25m intervals	561972.00	576616.24	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1739.55	No	No	No	No	No	Tile_13	NA
1380	Turbine Delivery Route Option 2	Cork	33950	TDR 25m intervals	561986.46	576595.85	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1734.62	No	No	No	No	No	Tile_13	NA
1381	Turbine Delivery Route Option 2	Cork	33975	TDR 25m intervals	562000.93	576575.46	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1730.04	No	No	No	No	No	Tile_13	NA
1382	Turbine Delivery Route Option 2	Cork	34000	TDR 25m intervals	562015.23	576554.96	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1725.61	No	No	No	No	No	Tile_13	NA
1383	Turbine Delivery Route Option 2	Cork	34025	TDR 25m intervals	562027.08	576532.95	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1718.72	No	No	No	No	No	Tile_13	NA
1384	Turbine Delivery Route Option 2	Cork	34050	TDR 25m intervals	562038.93	576510.94	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1712.17	No	No	No	No	No	Tile_13	NA
1385	Turbine Delivery Route Option 2	Cork	34075	TDR 25m intervals	562050.78	576488.93	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1705.96	No	No	No	No	No	Tile_13	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1386	Turbine Delivery Route Option 2	Cork	34100	TDR 25m intervals	562062.64	576466.92	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1700.09	No	No	No	No	No	Tile_13	NA
1387	Turbine Delivery Route Option 2	Cork	34125	TDR 25m intervals	562072.46	576443.97	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1692.43	No	No	No	No	No	Tile_13	NA
1388	Turbine Delivery Route Option 2	Cork	34150	TDR 25m intervals	562081.53	576420.67	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1684.29	No	No	No	No	No	Tile_13	NA
1389	Turbine Delivery Route Option 2	Cork	34175	TDR 25m intervals	562090.60	576397.38	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1676.49	No	No	No	No	No	Tile_13	NA
1390	Turbine Delivery Route Option 2	Cork	34200	TDR 25m intervals	562099.68	576374.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1669.03	No	No	No	No	No	Tile_13	NA
1391	Turbine Delivery Route Option 2	Cork	34225	TDR 25m intervals	562108.74	576350.78	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1661.91	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1392	Turbine Delivery Route Option 2	Cork	34250	TDR 25m intervals	562117.82	576327.49	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1655.14	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1393	Turbine Delivery Route Option 2	Cork		TDR_WCC_222	562122.67	576303.18	WCC		Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1655.14	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1394	Turbine Delivery Route Option 2	Cork	34275	TDR 25m intervals	562126.27	576303.97	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1648.09	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1395	Turbine Delivery Route Option 2	Cork	34300	TDR 25m intervals	562133.60	576280.07	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1640.26	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1396	Turbine Delivery Route Option 2	Cork	34325	TDR 25m intervals	562140.94	576256.18	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1632.77	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1397	Turbine Delivery Route Option 2	Cork	34350	TDR 25m intervals	562148.28	576232.28	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1625.63	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1398	Turbine Delivery Route Option 2	Cork	34375	TDR 25m intervals	562155.61	576208.38	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1618.85	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1399	Turbine Delivery Route Option 2	Cork	34400	TDR 25m intervals	562162.95	576184.48	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1612.42	No	No	No	No	No	Tile_13	NA
1400	Turbine Delivery Route Option 2	Cork	34425	TDR 25m intervals	562174.50	576162.39	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1610.90	No	No	No	No	No	Tile_13	NA
1401	Turbine Delivery Route Option 2	Cork	34450	TDR 25m intervals	562186.79	576140.62	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1610.58	No	No	No	No	No	Tile_13	NA
1402	Turbine Delivery Route Option 2	Cork	34475	TDR 25m intervals	562199.09	576118.85	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1610.65	No	No	No	No	No	Tile_13	NA
1403	Turbine Delivery Route Option 2	Cork	34500	TDR 25m intervals	562211.38	576097.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1611.10	No	No	No	No	No	Tile_13	NA
1404	Turbine Delivery Route Option 2	Cork	34525	TDR 25m intervals	562223.68	576075.32	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1611.94	No	No	No	No	No	Tile_13	NA
1405	Turbine Delivery Route Option 2	Cork	34550	TDR 25m intervals	562235.97	576053.55	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1613.17	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1406	Turbine Delivery Route Option 2	Cork	34575	TDR 25m intervals	562248.26	576031.78	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1614.78	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1407	Turbine Delivery Route Option 2	Cork	34600	TDR 25m intervals	562264.49	576013.10	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1621.64	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1408	Turbine Delivery Route Option 2	Cork	34625	TDR 25m intervals	562282.69	575995.95	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1631.27	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1409	Turbine Delivery Route Option 2	Cork	34650	TDR 25m intervals	562300.88	575978.80	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1641.21	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1410	Turbine Delivery Route Option 2	Cork	34675	TDR 25m intervals	562319.07	575961.65	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1651.48	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1411	Turbine Delivery Route Option 2	Cork	34700	TDR 25m intervals	562337.26	575944.51	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1662.05	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1412	Turbine Delivery Route Option 2	Cork	34725	TDR 25m intervals	562355.46	575927.36	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1672.94	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1413	Turbine Delivery Route Option 2	Cork	34750	TDR 25m intervals	562373.65	575910.21	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1684.12	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1414	Turbine Delivery Route Option 2	Cork	34775	TDR 25m intervals	562391.84	575893.06	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1695.60	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1415	Turbine Delivery Route Option 2	Cork	34800	TDR 25m intervals	562410.03	575875.92	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1707.37	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1416	Turbine Delivery Route Option 2	Cork	34825	TDR 25m intervals	562430.28	575861.55	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1722.22	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1417	Turbine Delivery Route Option 2	Cork	34850	TDR 25m intervals	562452.03	575849.23	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1739.34	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1418	Turbine Delivery Route Option 2	Cork	34875	TDR 25m intervals	562473.79	575836.92	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1756.64	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1419	Turbine Delivery Route Option 2	Cork	34900	TDR 25m intervals	562495.54	575824.60	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1774.14	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1420	Turbine Delivery Route Option 2	Cork	34925	TDR 25m intervals	562517.30	575812.28	NA	NA	Yes	MARTIN_040	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1791.81	No	No	No	No	No	Tile_13	ELEVATED RISK Within SW Buffer Zone
1421	Turbine Delivery Route Option 2	Cork	34950	TDR 25m intervals	562539.06	575799.97	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1809.65	No	No	No	No	No	Tile_13	NA
1422	Turbine Delivery Route Option 2	Cork	34975	TDR 25m intervals	562561.63	575789.44	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1828.89	No	No	No	No	No	Tile_13	NA
1423	Turbine Delivery Route Option 2	Cork	35000	TDR 25m intervals	562585.18	575781.05	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1849.72	No	No	No	No	No	Tile_13	NA
1424	Turbine Delivery Route Option 2	Cork	35025	TDR 25m intervals	562608.73	575772.66	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1870.66	No	No	No	No	No	Tile_13	NA
1425	Turbine Delivery Route Option 2	Cork	35050	TDR 25m intervals	562632.28	575764.27	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1891.69	No	No	No	No	No	Tile_13	NA
1426	Turbine Delivery Route Option 2	Cork	35075	TDR 25m intervals	562655.83	575755.87	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1912.82	No	No	No	No	No	Tile_13	NA
1427	Turbine Delivery Route Option 2	Cork	35100	TDR 25m intervals	562679.38	575747.48	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1934.04	No	No	No	No	No	Tile_14	NA
1428	Turbine Delivery Route Option 2	Cork	35125	TDR 25m intervals	562702.93	575739.09	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1955.35	No	No	No	No	No	Tile_14	NA
1429	Turbine Delivery Route Option 2	Cork	35150	TDR 25m intervals	562727.35	575734.40	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1978.33	No	No	No	No	No	Tile_14	NA
1430	Turbine Delivery Route Option 2	Cork	35175	TDR 25m intervals	562752.17	575731.42	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2002.09	No	No	No	No	No	Tile_14	NA
1431	Turbine Delivery Route Option 2	Cork	35200	TDR 25m intervals	562776.99	575728.44	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2025.87	No	No	No	No	No	Tile_14	NA
1432	Turbine Delivery Route Option 2	Cork	35225	TDR 25m intervals	562801.81	575725.46	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2049.68	No	No	No	No	No	Tile_14	NA
1433	Turbine Delivery Route Option 2	Cork	35250	TDR 25m intervals	562826.63	575722.47	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2073.52	No	No	No	No	No	Tile_14	NA
1434	Turbine Delivery Route Option 2	Cork	35275	TDR 25m intervals	562851.45	575719.49	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2097.39	No	No	No	No	No	Tile_14	NA
1435	Turbine Delivery Route Option 2	Cork	35300	TDR 25m intervals	562876.28	575716.51	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2121.29	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1436	Turbine Delivery Route Option 2	Cork	35325	TDR 25m intervals	562900.99	575717.29	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2145.75	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1437	Turbine Delivery Route Option 2	Cork	35350	TDR 25m intervals	562925.59	575721.72	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2170.76	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1438	Turbine Delivery Route Option 2	Cork	35375	TDR 25m intervals	562950.19	575726.15	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2195.76	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1439	Turbine Delivery Route Option 2	Cork	35400	TDR 25m intervals	562974.80	575730.59	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2220.77	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1440	Turbine Delivery Route Option 2	Cork	35425	TDR 25m intervals	562999.40	575735.02	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2245.77	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1441	Turbine Delivery Route Option 2	Cork	35450	TDR 25m intervals	563024.01	575739.45	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2270.77	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1442	Turbine Delivery Route Option 2	Cork	35475	TDR 25m intervals	563048.61	575743.89	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2295.78	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1443	Turbine Delivery Route Option 2	Cork	35500	TDR 25m intervals	563073.27	575747.95	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2320.78	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1444	Turbine Delivery Route Option 2	Cork	35525	TDR 25m intervals	563098.02	575751.53	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2345.77	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1445	Turbine Delivery Route Option 2	Cork	35550	TDR 25m intervals	563122.76	575755.10	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2370.76	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1446	Turbine Delivery Route Option 2	Cork	35575	TDR 25m intervals	563147.50	575758.68	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2395.75	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1447	Turbine Delivery Route Option 2	Cork	35600	TDR 25m intervals	563172.24	575762.26	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2420.74	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1448	Turbine Delivery Route Option 2	Cork	35625	TDR 25m intervals	563196.99	575765.83	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2445.73	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1449	Turbine Delivery Route Option 2	Cork	35650	TDR 25m intervals	563221.73	575769.41	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2470.73	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1450	Turbine Delivery Route Option 2	Cork	35675	TDR 25m intervals	563246.47	575772.99	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2495.72	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1451	Turbine Delivery Route Option 2	Cork	35700	TDR 25m intervals	563271.21	575776.57	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2520.71	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1452	Turbine Delivery Route Option 2	Cork	35725	TDR 25m intervals	563295.96	575780.14	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2545.70	No	No	No	No	No	Tile_14	NA
1453	Turbine Delivery Route Option 2	Cork	35750	TDR 25m intervals	563320.70	575783.72	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2570.70	No	No	No	No	No	Tile_14	NA
1454	Turbine Delivery Route Option 2	Cork	35775	TDR 25m intervals	563345.44	575781.93	NA	NA	No	NA	MARTIN_040	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2594.77	No	No	No	No	No	Tile_14	NA
1455	Turbine Delivery Route Option 2	Cork	35800	TDR 25m intervals	563370.18	575778.32	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2618.55	No	No	No	No	No	Tile_14	NA
1456	Turbine Delivery Route Option 2	Cork	35825	TDR 25m intervals	563394.92	575774.71	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2642.36	No	No	No	No	No	Tile_14	NA
1457	Turbine Delivery Route Option 2	Cork	35850	TDR 25m intervals	563419.66	575771.10	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2666.18	No	No	No	No	No	Tile_14	NA
1458	Turbine Delivery Route Option 2	Cork	35875	TDR 25m intervals	563444.39	575767.49	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2690.03	No	No	No	No	No	Tile_14	NA
1459	Turbine Delivery Route Option 2	Cork	35900	TDR 25m intervals	563469.13	575763.89	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2713.90	No	No	No	No	No	Tile_14	NA
1460	Turbine Delivery Route Option 2	Cork	35925	TDR 25m intervals	563493.87	575760.28	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2737.79	No	No	No	No	No	Tile_14	NA
1461	Turbine Delivery Route Option 2	Cork	35950	TDR 25m intervals	563518.61	575756.67	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2761.70	No	No	No	No	No	Tile_14	NA
1462	Turbine Delivery Route Option 2	Cork	35975	TDR 25m intervals	563543.35	575753.06	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2785.63	No	No	No	No	No	Tile_14	NA
1463	Turbine Delivery Route Option 2	Cork	36000	TDR 25m intervals	563568.08	575749.46	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2809.57	No	No	No	No	No	Tile_14	NA
1464	Turbine Delivery Route Option 2	Cork	36025	TDR 25m intervals	563591.20	575740.24	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2831.14	No	No	No	No	No	Tile_14	NA
1465	Turbine Delivery Route Option 2	Cork	36050	TDR 25m intervals	563614.04	575730.08	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2852.35	No	No	No	No	No	Tile_14	NA
1466	Turbine Delivery Route Option 2	Cork	36075	TDR 25m intervals	563636.88	575719.91	NA	NA	No	NA	MARTIN_040	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2873.62	No	No	No	No	No	Tile_14	NA
1467	Turbine Delivery Route Option 2	Cork	36100	TDR 25m intervals	563659.72	575709.74	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2894.96	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1468	Turbine Delivery Route Option 2	Cork	36125	TDR 25m intervals	563682.56	575699.58	NA	NA	Yes	MARTIN_040	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2916.35	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1469	Turbine Delivery Route Option 2	Cork	36150	TDR 25m intervals	563705.40	575689.41	NA	NA	Yes	MARTIN_040	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2937.80	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1470	Turbine Delivery Route Option 2	Cork		TDR_WCC_223	563723.98	575676.03	WCC		Yes	MARTIN_040	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2937.80	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1471	Turbine Delivery Route Option 2	Cork	36175	TDR 25m intervals	563728.24	575679.24	NA	NA	Yes	MARTIN_040	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2959.31	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1472	Turbine Delivery Route Option 2	Cork	36200	TDR 25m intervals	563751.08	575669.07	NA	NA	Yes	MARTIN_040	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2980.87	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1473	Turbine Delivery Route Option 2	Cork	36225	TDR 25m intervals	563773.92	575658.91	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	3002.48	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1474	Turbine Delivery Route Option 2	Cork	36250	TDR 25m intervals	563796.76	575648.74	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	3024.15	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1475	Turbine Delivery Route Option 2	Cork	36275	TDR 25m intervals	563819.59	575638.57	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3045.86	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1476	Turbine Delivery Route Option 2	Cork	36300	TDR 25m intervals	563842.30	575628.21	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3067.48	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1477	Turbine Delivery Route Option 2	Cork	36325	TDR 25m intervals	563860.33	575610.89	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3083.87	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1478	Turbine Delivery Route Option 2	Cork	36350	TDR 25m intervals	563878.36	575593.57	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3100.38	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1479	Turbine Delivery Route Option 2	Cork	36375	TDR 25m intervals	563896.38	575576.25	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3116.99	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1480	Turbine Delivery Route Option 2	Cork	36400	TDR 25m intervals	563914.41	575558.93	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3133.72	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1481	Turbine Delivery Route Option 2	Cork	36425	TDR 25m intervals	563932.44	575541.61	NA	NA	Yes	BLARNEY_010	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3150.56	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1482	Turbine Delivery Route Option 2	Cork	36450	TDR 25m intervals	563950.47	575524.29	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3167.51	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1483	Turbine Delivery Route Option 2	Cork	36475	TDR 25m intervals	563968.50	575506.97	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3184.57	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1484	Turbine Delivery Route Option 2	Cork	36500	TDR 25m intervals	563986.53	575489.65	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3201.73	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1485	Turbine Delivery Route Option 2	Cork	36525	TDR 25m intervals	564004.13	575471.97	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3218.55	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1486	Turbine Delivery Route Option 2	Cork	36550	TDR 25m intervals	564018.41	575451.45	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3232.05	Yes	No	No	No	No	Tile_14	ELEVATED RISK Within GW Buffer Zone
1487	Turbine Delivery Route Option 2	Cork	36575	TDR 25m intervals	564032.69	575430.92	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3245.70	No	No	No	No	No	Tile_14	NA
1488	Turbine Delivery Route Option 2	Cork	36600	TDR 25m intervals	564046.96	575410.40	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3259.47	No	No	No	No	No	Tile_14	NA
1489	Turbine Delivery Route Option 2	Cork	36625	TDR 25m intervals	564061.24	575389.88	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3273.38	No	No	No	No	No	Tile_14	NA
1490	Turbine Delivery Route Option 2	Cork	36650	TDR 25m intervals	564075.52	575369.36	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3287.42	No	No	No	No	No	Tile_14	NA
1491	Turbine Delivery Route Option 2	Cork	36675	TDR 25m intervals	564089.80	575348.84	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3301.59	No	No	No	No	No	Tile_14	NA
1492	Turbine Delivery Route Option 2	Cork	36700	TDR 25m intervals	564104.08	575328.32	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3315.89	No	No	No	No	No	Tile_14	NA
1493	Turbine Delivery Route Option 2	Cork	36725	TDR 25m intervals	564118.35	575307.79	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3330.31	No	No	No	No	No	Tile_14	NA
1494	Turbine Delivery Route Option 2	Cork	36750	TDR 25m intervals	564132.63	575287.27	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3344.86	No	No	No	No	No	Tile_14	NA
1495	Turbine Delivery Route Option 2	Cork	36775	TDR 25m intervals	564146.91	575266.75	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3359.54	No	No	No	No	No	Tile_14	NA
1496	Turbine Delivery Route Option 2	Cork	36800	TDR 25m intervals	564163.15	575247.94	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3376.24	No	No	No	No	No	Tile_14	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1497	Turbine Delivery Route Option 2	Cork	36825	TDR 25m intervals	564181.59	575231.07	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3395.19	No	No	No	No	No	Tile_14	NA
1498	Turbine Delivery Route Option 2	Cork	36850	TDR 25m intervals	564200.04	575214.20	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3414.22	No	No	No	No	No	Tile_14	NA
1499	Turbine Delivery Route Option 2	Cork	36875	TDR 25m intervals	564218.49	575197.33	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3433.33	No	No	No	No	No	Tile_14	NA
1500	Turbine Delivery Route Option 2	Cork	36900	TDR 25m intervals	564236.94	575180.45	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3452.51	No	No	No	No	No	Tile_14	NA
1501	Turbine Delivery Route Option 2	Cork	36925	TDR 25m intervals	564255.39	575163.58	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3471.76	No	No	No	No	No	Tile_14	NA
1502	Turbine Delivery Route Option 2	Cork	36950	TDR 25m intervals	564273.83	575146.71	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3491.09	No	No	No	No	No	Tile_14	NA
1503	Turbine Delivery Route Option 2	Cork	36975	TDR 25m intervals	564292.28	575129.84	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3510.49	No	No	No	No	No	Tile_14	NA
1504	Turbine Delivery Route Option 2	Cork	37000	TDR 25m intervals	564311.39	575113.86	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3530.55	No	No	No	No	No	Tile_14	NA
1505	Turbine Delivery Route Option 2	Cork	37025	TDR 25m intervals	564333.04	575101.36	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Rock near surface or karst (X)	<1m	(LI) Locally Important	NA	NA	3552.99	No	No	No	No	No	Tile_14	NA
1506	Turbine Delivery Route Option 2	Cork	37050	TDR 25m intervals	564354.69	575088.86	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3575.45	No	No	No	No	No	Tile_14	NA
1507	Turbine Delivery Route Option 2	Cork	37075	TDR 25m intervals	564376.33	575076.36	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3597.95	No	No	No	No	No	Tile_14	NA
1508	Turbine Delivery Route Option 2	Cork	37100	TDR 25m intervals	564397.98	575063.85	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3620.48	No	No	No	No	No	Tile_14	NA
1509	Turbine Delivery Route Option 2	Cork	37125	TDR 25m intervals	564419.64	575051.35	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3643.05	No	No	No	No	No	Tile_14	NA
1510	Turbine Delivery Route Option 2	Cork	37150	TDR 25m intervals	564441.28	575038.85	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3665.64	No	No	No	No	No	Tile_14	NA
1511	Turbine Delivery Route Option 2	Cork	37175	TDR 25m intervals	564462.93	575026.35	NA	NA	No	NA	BLARNEY_010	Manin_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3688.27	No	No	No	No	No	Tile_14	NA
1512	Turbine Delivery Route Option 2	Cork	37200	TDR 25m intervals	564484.58	575013.85	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3710.93	No	No	No	No	No	Tile_14	NA
1513	Turbine Delivery Route Option 2	Cork	37225	TDR 25m intervals	564507.26	575003.99	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3734.40	No	No	No	No	No	Tile_14	NA
1514	Turbine Delivery Route Option 2	Cork	37250	TDR 25m intervals	564531.66	574998.54	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3759.20	No	No	No	No	No	Tile_14	NA
1515	Turbine Delivery Route Option 2	Cork	37275	TDR 25m intervals	564556.06	574993.09	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3784.00	No	No	No	No	No	Tile_14	NA
1516	Turbine Delivery Route Option 2	Cork	37300	TDR 25m intervals	564580.46	574987.64	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3808.80	No	No	No	No	No	Tile_14	NA
1517	Turbine Delivery Route Option 2	Cork	37325	TDR 25m intervals	564604.86	574982.19	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3833.61	No	No	No	No	No	Tile_14	NA
1518	Turbine Delivery Route Option 2	Cork	37350	TDR 25m intervals	564629.26	574976.74	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3858.42	No	No	No	No	No	Tile_14	NA
1519	Turbine Delivery Route Option 2	Cork	37375	TDR 25m intervals	564653.66	574971.29	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3883.23	No	No	No	No	No	Tile_14	NA
1520	Turbine Delivery Route Option 2	Cork	37400	TDR 25m intervals	564678.05	574965.84	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3908.04	No	No	No	No	No	Tile_14	NA
1521	Turbine Delivery Route Option 2	Cork	37425	TDR 25m intervals	564702.45	574960.39	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3932.85	No	No	No	No	No	Tile_14	NA
1522	Turbine Delivery Route Option 2	Cork	37450	TDR 25m intervals	564726.85	574954.94	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3957.67	No	No	No	No	No	Tile_14	NA
1523	Turbine Delivery Route Option 2	Cork	37475	TDR 25m intervals	564751.25	574949.48	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3982.49	No	No	No	No	No	Tile_14	NA
1524	Turbine Delivery Route Option 2	Cork	37500	TDR 25m intervals	564775.76	574944.88	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4007.33	No	No	No	No	No	Tile_14	NA
1525	Turbine Delivery Route Option 2	Cork	37525	TDR 25m intervals	564800.74	574944.11	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4032.28	No	No	No	No	No	Tile_14	NA
1526	Turbine Delivery Route Option 2	Cork	37550	TDR 25m intervals	564825.73	574943.33	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4057.23	No	No	No	No	No	Tile_14	NA
1527	Turbine Delivery Route Option 2	Cork	37575	TDR 25m intervals	564850.72	574942.56	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4082.17	No	No	No	No	No	Tile_14	NA
1528	Turbine Delivery Route Option 2	Cork	37600	TDR 25m intervals	564875.71	574941.79	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4107.12	No	No	No	No	No	Tile_14	NA
1529	Turbine Delivery Route Option 2	Cork	37625	TDR 25m intervals	564900.69	574941.02	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4132.07	No	No	No	No	No	Tile_14	NA
1530	Turbine Delivery Route Option 2	Cork	37650	TDR 25m intervals	564925.68	574940.25	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4157.02	No	No	No	No	No	Tile_14	NA
1531	Turbine Delivery Route Option 2	Cork	37675	TDR 25m intervals	564950.67	574939.48	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4181.97	No	No	No	No	No	Tile_14	NA
1532	Turbine Delivery Route Option 2	Cork	37700	TDR 25m intervals	564975.66	574938.71	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4206.92	No	No	No	No	No	Tile_14	NA
1533	Turbine Delivery Route Option 2	Cork	37725	TDR 25m intervals	565000.65	574937.93	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4231.87	No	No	No	No	No	Tile_14	NA
1534	Turbine Delivery Route Option 2	Cork	37750	TDR 25m intervals	565025.64	574937.16	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4256.83	No	No	No	No	No	Tile_14	NA
1535	Turbine Delivery Route Option 2	Cork	37775	TDR 25m intervals	565050.62	574936.39	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4281.78	No	No	No	No	No	Tile_14	NA
1536	Turbine Delivery Route Option 2	Cork	37800	TDR 25m intervals	565075.61	574935.62	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4306.73	No	No	No	No	No	Tile_14	NA
1537	Turbine Delivery Route Option 2	Cork	37825	TDR 25m intervals	565100.60	574934.85	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4331.69	No	No	No	No	No	Tile_14	NA
1538	Turbine Delivery Route Option 2	Cork	37850	TDR 25m intervals	565125.59	574934.08	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4356.64	No	No	No	No	No	Tile_14	NA
1539	Turbine Delivery Route Option 2	Cork	37875	TDR 25m intervals	565150.58	574933.31	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4381.60	No	No	No	No	No	Tile_14	NA
1540	Turbine Delivery Route Option 2	Cork	37900	TDR 25m intervals	565175.56	574932.53	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4406.55	No	No	No	No	No	Tile_14	NA
1541	Turbine Delivery Route Option 2	Cork	37925	TDR 25m intervals	565200.55	574931.76	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4431.51	No	No	No	No	No	Tile_14	NA
1542	Turbine Delivery Route Option 2	Cork	37950	TDR 25m intervals	565225.54	574930.99	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4456.47	No	No	No	No	No	Tile_14	NA
1543	Turbine Delivery Route Option 2	Cork	37975	TDR 25m intervals	565250.53	574930.22	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4481.42	No	No	No	No	No	Tile_15	NA
1544	Turbine Delivery Route Option 2	Cork	38000	TDR 25m intervals	565275.52	574929.45	NA	NA	No	NA	BRIDE (Cork City)_010	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4506.38	No	No	No	No	No	Tile_15	NA
1545	Turbine Delivery Route Option 2	Cork	38025	TDR 25m intervals	565300.51	574928.68	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4531.34	No	No	No	No	No	Tile_15	NA
1546	Turbine Delivery Route Option 2	Cork	38050	TDR 25m intervals	565325.49	574927.90	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4556.30	No	No	No	No	No	Tile_15	NA
1547	Turbine Delivery Route Option 2	Cork	38075	TDR 25m intervals	565350.48	574927.13	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4581.26	No	No	No	No	No	Tile_15	NA
1548	Turbine Delivery Route Option 2	Cork	38100	TDR 25m intervals	565375.47	574926.36	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4606.22	No	No	No	No	No	Tile_15	NA
1549	Turbine Delivery Route Option 2	Cork	38125	TDR 25m intervals	565400.46	574925.59	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4631.18	No	No	No	No	No	Tile_15	NA
1550	Turbine Delivery Route Option 2	Cork	38150	TDR 25m intervals	565425.44	574924.82	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4656.14	No	No	No	No	No	Tile_15	NA
1551	Turbine Delivery Route Option 2	Cork	38175	TDR 25m intervals	565450.43	574924.05	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4681.10	No	No	No	No	No	Tile_15	NA
1552	Turbine Delivery Route Option 2	Cork	38200	TDR 25m intervals	565475.28	574921.96	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4706.03	No	No	No	No	No	Tile_15	NA
1553	Turbine Delivery Route Option 2	Cork	38225	TDR 25m intervals	565499.84	574917.29	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4730.92	No	No	No	No	No	Tile_15	NA
1554	Turbine Delivery Route Option 2	Cork	38250	TDR 25m intervals	565524.40	574912.61	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4755.80	No	No	No	No	No	Tile_15	NA
1555	Turbine Delivery Route Option 2	Cork	38275	TDR 25m intervals	565548.95	574907.94	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4780.69	No	No	No	No	No	Tile_15	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1556	Turbine Delivery Route Option 2	Cork	38300	TDR 25m intervals	565573.51	574903.26	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4805.57	No	No	No	No	No	Tile_15	NA
1557	Turbine Delivery Route Option 2	Cork	38325	TDR 25m intervals	565598.07	574898.58	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4830.46	No	No	No	No	No	Tile_15	NA
1558	Turbine Delivery Route Option 2	Cork	38350	TDR 25m intervals	565622.63	574893.91	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4855.35	No	No	No	No	No	Tile_15	NA
1559	Turbine Delivery Route Option 2	Cork	38375	TDR 25m intervals	565647.19	574889.23	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4880.24	No	No	No	No	No	Tile_15	NA
1560	Turbine Delivery Route Option 2	Cork	38400	TDR 25m intervals	565671.75	574884.56	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4905.13	No	No	No	No	No	Tile_15	NA
1561	Turbine Delivery Route Option 2	Cork	38425	TDR 25m intervals	565696.31	574879.88	NA	NA	No	NA	GLENNAMOUGHT TRIB BRI	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4930.02	No	No	No	No	No	Tile_15	NA
1562	Turbine Delivery Route Option 2	Cork	38450	TDR 25m intervals	565720.87	574875.21	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4954.92	No	No	No	No	No	Tile_15	NA
1563	Turbine Delivery Route Option 2	Cork	38475	TDR 25m intervals	565745.43	574870.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4979.81	No	No	No	No	No	Tile_15	NA
1564	Turbine Delivery Route Option 2	Cork	38500	TDR 25m intervals	565769.98	574865.85	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5004.71	No	No	No	No	No	Tile_15	NA
1565	Turbine Delivery Route Option 2	Cork	38525	TDR 25m intervals	565794.54	574861.18	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5029.60	No	No	No	No	No	Tile_15	NA
1566	Turbine Delivery Route Option 2	Cork	38550	TDR 25m intervals	565819.10	574856.50	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5054.50	No	No	No	No	No	Tile_15	NA
1567	Turbine Delivery Route Option 2	Cork	38575	TDR 25m intervals	565843.66	574851.83	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5079.40	No	No	No	No	No	Tile_15	NA
1568	Turbine Delivery Route Option 2	Cork	38600	TDR 25m intervals	565868.22	574847.15	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5104.30	No	No	No	No	No	Tile_15	NA
1569	Turbine Delivery Route Option 2	Cork	38625	TDR 25m intervals	565892.78	574842.48	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5129.20	No	No	No	No	No	Tile_15	NA
1570	Turbine Delivery Route Option 2	Cork	38650	TDR 25m intervals	565917.34	574837.80	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5154.10	No	No	No	No	No	Tile_15	NA
1571	Turbine Delivery Route Option 2	Cork	38675	TDR 25m intervals	565941.90	574833.13	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5179.01	No	No	No	No	No	Tile_15	NA
1572	Turbine Delivery Route Option 2	Cork	38700	TDR 25m intervals	565966.45	574828.45	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5203.91	No	No	No	No	No	Tile_15	NA
1573	Turbine Delivery Route Option 2	Cork	38725	TDR 25m intervals	565991.01	574823.78	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5228.81	No	No	No	No	No	Tile_15	NA
1574	Turbine Delivery Route Option 2	Cork	38750	TDR 25m intervals	566015.57	574819.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5253.72	No	No	No	No	No	Tile_15	NA
1575	Turbine Delivery Route Option 2	Cork	38775	TDR 25m intervals	566040.13	574814.42	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5278.63	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1576	Turbine Delivery Route Option 2	Cork	38800	TDR 25m intervals	566062.65	574803.67	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5302.12	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1577	Turbine Delivery Route Option 2	Cork		TDR_WCC_224	566069.51	574802.21	WCC		Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5302.12	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1578	Turbine Delivery Route Option 2	Cork	38825	TDR 25m intervals	566085.07	574792.61	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5325.56	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1579	Turbine Delivery Route Option 2	Cork	38850	TDR 25m intervals	566107.49	574781.55	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5349.01	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1580	Turbine Delivery Route Option 2	Cork	38875	TDR 25m intervals	566129.91	574770.49	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5372.48	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1581	Turbine Delivery Route Option 2	Cork	38900	TDR 25m intervals	566152.33	574759.43	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5395.96	No	No	No	No	No	Tile_15	NA
1582	Turbine Delivery Route Option 2	Cork	38925	TDR 25m intervals	566174.75	574748.36	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5419.45	No	No	No	No	No	Tile_15	NA
1583	Turbine Delivery Route Option 2	Cork	38950	TDR 25m intervals	566196.98	574736.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5442.80	No	No	No	No	No	Tile_15	NA
1584	Turbine Delivery Route Option 2	Cork	38975	TDR 25m intervals	566217.94	574723.33	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5458.73	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1585	Turbine Delivery Route Option 2	Cork	39000	TDR 25m intervals	566238.90	574709.70	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5434.05	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1586	Turbine Delivery Route Option 2	Cork	39025	TDR 25m intervals	566258.81	574694.86	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5409.33	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1587	Turbine Delivery Route Option 2	Cork	39050	TDR 25m intervals	566275.34	574676.11	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5384.47	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1588	Turbine Delivery Route Option 2	Cork	39075	TDR 25m intervals	566291.88	574657.36	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5359.62	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1589	Turbine Delivery Route Option 2	Cork	39100	TDR 25m intervals	566308.41	574638.61	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	5334.77	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1590	Turbine Delivery Route Option 2	Cork	39125	TDR 25m intervals	566324.86	574619.78	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5309.93	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1591	Turbine Delivery Route Option 2	Cork	39150	TDR 25m intervals	566341.30	574600.95	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5285.10	No	No	No	No	No	Tile_15	NA
1592	Turbine Delivery Route Option 2	Cork	39175	TDR 25m intervals	566357.74	574582.11	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5260.27	No	No	No	No	No	Tile_15	NA
1593	Turbine Delivery Route Option 2	Cork	39200	TDR 25m intervals	566374.18	574563.28	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5235.43	No	No	No	No	No	Tile_15	NA
1594	Turbine Delivery Route Option 2	Cork	39225	TDR 25m intervals	566390.62	574544.44	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5210.60	No	No	No	No	No	Tile_15	NA
1595	Turbine Delivery Route Option 2	Cork	39250	TDR 25m intervals	566408.53	574527.09	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5185.68	No	No	No	No	No	Tile_15	NA
1596	Turbine Delivery Route Option 2	Cork	39275	TDR 25m intervals	566427.53	574510.84	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5160.69	No	No	No	No	No	Tile_15	NA
1597	Turbine Delivery Route Option 2	Cork	39300	TDR 25m intervals	566446.52	574494.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5135.69	No	No	No	No	No	Tile_15	NA
1598	Turbine Delivery Route Option 2	Cork	39325	TDR 25m intervals	566465.52	574478.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5110.70	No	No	No	No	No	Tile_15	NA
1599	Turbine Delivery Route Option 2	Cork	39350	TDR 25m intervals	566485.17	574462.98	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5085.81	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1600	Turbine Delivery Route Option 2	Cork	39375	TDR 25m intervals	566506.42	574449.81	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5061.22	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1601	Turbine Delivery Route Option 2	Cork	39400	TDR 25m intervals	566527.67	574436.64	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5036.63	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1602	Turbine Delivery Route Option 2	Cork	39425	TDR 25m intervals	566548.92	574423.47	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	5012.04	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1603	Turbine Delivery Route Option 2	Cork	39450	TDR 25m intervals	566570.17	574410.30	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4987.45	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1604	Turbine Delivery Route Option 2	Cork	39475	TDR 25m intervals	566591.42	574397.13	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4962.87	No	No	No	No	No	Tile_15	NA
1605	Turbine Delivery Route Option 2	Cork	39500	TDR 25m intervals	566612.67	574383.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4938.30	No	No	No	No	No	Tile_15	NA
1606	Turbine Delivery Route Option 2	Cork	39525	TDR 25m intervals	566633.92	574370.80	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4913.73	No	No	No	No	No	Tile_15	NA
1607	Turbine Delivery Route Option 2	Cork	39550	TDR 25m intervals	566655.17	574357.63	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4889.16	No	No	No	No	No	Tile_15	NA
1608	Turbine Delivery Route Option 2	Cork	39575	TDR 25m intervals	566676.56	574344.70	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4864.66	No	No	No	No	No	Tile_15	NA
1609	Turbine Delivery Route Option 2	Cork	39600	TDR 25m intervals	566698.96	574333.61	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4840.66	No	No	No	No	No	Tile_15	NA
1610	Turbine Delivery Route Option 2	Cork	39625	TDR 25m intervals	566721.36	574322.52	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4816.67	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1611	Turbine Delivery Route Option 2	Cork	39650	TDR 25m intervals	566743.77	574311.42	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4792.70	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1612	Turbine Delivery Route Option 2	Cork	39675	TDR 25m intervals	566766.17	574300.33	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4768.73	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1613	Turbine Delivery Route Option 2	Cork	39700	TDR 25m intervals	566788.58	574289.24	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4744.77	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1614	Turbine Delivery Route Option 2	Cork	39725	TDR 25m intervals	566810.98	574278.15	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4720.83	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1615	Turbine Delivery Route Option 2	Cork	39750	TDR 25m intervals	566833.39	574267.05	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4696.89	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1616	Turbine Delivery Route Option 2	Cork	39775	TDR 25m intervals	566855.79	574255.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4672.97	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1617	Turbine Delivery Route Option 2	Cork	39800	TDR 25m intervals	566878.19	574244.87	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4649.05	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1618	Turbine Delivery Route Option 2	Cork	39825	TDR 25m intervals	566900.60	574233.78	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4625.15	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1619	Turbine Delivery Route Option 2	Cork	39850	TDR 25m intervals	566923.00	574222.68	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4601.26	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1620	Turbine Delivery Route Option 2	Cork	39875	TDR 25m intervals	566945.41	574211.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4577.39	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1621	Turbine Delivery Route Option 2	Cork	39900	TDR 25m intervals	566967.81	574200.50	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4553.52	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1622	Turbine Delivery Route Option 2	Cork	39925	TDR 25m intervals	566990.22	574189.41	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4529.67	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1623	Turbine Delivery Route Option 2	Cork	39950	TDR 25m intervals	567012.62	574178.31	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4505.83	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1624	Turbine Delivery Route Option 2	Cork	39975	TDR 25m intervals	567035.03	574167.22	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4482.00	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1625	Turbine Delivery Route Option 2	Cork	40000	TDR 25m intervals	567057.43	574156.13	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4458.19	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1626	Turbine Delivery Route Option 2	Cork	40025	TDR 25m intervals	567079.83	574145.04	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4434.38	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1627	Turbine Delivery Route Option 2	Cork	40050	TDR 25m intervals	567102.24	574133.94	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4410.60	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1628	Turbine Delivery Route Option 2	Cork	40075	TDR 25m intervals	567124.64	574122.85	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4386.82	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1629	Turbine Delivery Route Option 2	Cork	40100	TDR 25m intervals	567147.05	574111.76	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4363.06	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1630	Turbine Delivery Route Option 2	Cork	40125	TDR 25m intervals	567169.45	574100.67	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4339.31	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1631	Turbine Delivery Route Option 2	Cork	40150	TDR 25m intervals	567191.86	574089.57	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4315.58	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1632	Turbine Delivery Route Option 2	Cork	40175	TDR 25m intervals	567213.16	574076.60	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4291.31	Yes	No	No	No	No	Tile_15	ELEVATED RISK Within GW Buffer Zone
1633	Turbine Delivery Route Option 2	Cork	40200	TDR 25m intervals	567233.83	574062.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4266.74	No	No	No	No	No	Tile_15	NA
1634	Turbine Delivery Route Option 2	Cork	40225	TDR 25m intervals	567254.49	574048.46	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4242.16	No	No	No	No	No	Tile_15	NA
1635	Turbine Delivery Route Option 2	Cork	40250	TDR 25m intervals	567275.16	574034.40	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4217.60	No	No	No	No	No	Tile_15	NA
1636	Turbine Delivery Route Option 2	Cork	40275	TDR 25m intervals	567295.83	574020.33	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4193.04	No	No	No	No	No	Tile_15	NA
1637	Turbine Delivery Route Option 2	Cork	40300	TDR 25m intervals	567316.49	574006.26	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4168.48	No	No	No	No	No	Tile_15	NA
1638	Turbine Delivery Route Option 2	Cork	40325	TDR 25m intervals	567337.16	573992.20	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4143.93	No	No	No	No	No	Tile_15	NA
1639	Turbine Delivery Route Option 2	Cork	40350	TDR 25m intervals	567355.32	573975.28	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4119.13	No	No	No	No	No	Tile_15	NA
1640	Turbine Delivery Route Option 2	Cork	40375	TDR 25m intervals	567371.87	573956.54	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4094.17	No	No	No	No	No	Tile_15	NA
1641	Turbine Delivery Route Option 2	Cork	40400	TDR 25m intervals	567388.42	573937.80	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4069.21	No	No	No	No	No	Tile_15	NA
1642	Turbine Delivery Route Option 2	Cork	40425	TDR 25m intervals	567404.96	573919.06	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4044.25	No	No	No	No	No	Tile_15	NA
1643	Turbine Delivery Route Option 2	Cork	40450	TDR 25m intervals	567411.75	573895.58	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4022.83	No	No	No	No	No	Tile_15	NA
1644	Turbine Delivery Route Option 2	Cork	40475	TDR 25m intervals	567416.25	573870.99	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4002.28	No	No	No	No	No	Tile_15	NA
1645	Turbine Delivery Route Option 2	Cork	40500	TDR 25m intervals	567420.75	573846.40	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3981.79	No	No	No	No	No	Tile_15	NA
1646	Turbine Delivery Route Option 2	Cork	40525	TDR 25m intervals	567423.92	573821.67	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3962.20	No	No	No	No	No	Tile_15	NA
1647	Turbine Delivery Route Option 2	Cork	40550	TDR 25m intervals	567424.69	573796.68	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3944.22	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1648	Turbine Delivery Route Option 2	Cork	40575	TDR 25m intervals	567425.45	573771.69	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3926.32	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1649	Turbine Delivery Route Option 2	Cork	40600	TDR 25m intervals	567426.21	573746.70	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3908.50	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1650	Turbine Delivery Route Option 2	Cork		TDR_WCC_225	567424.15	573740.24	WCC		Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3908.50	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1651	Turbine Delivery Route Option 2	Cork	40625	TDR 25m intervals	567426.97	573721.71	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3890.75	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1652	Turbine Delivery Route Option 2	Cork	40650	TDR 25m intervals	567428.04	573696.74	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3872.87	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1653	Turbine Delivery Route Option 2	Cork	40675	TDR 25m intervals	567429.38	573671.77	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3854.88	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1654	Turbine Delivery Route Option 2	Cork	40700	TDR 25m intervals	567430.73	573646.81	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3836.96	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1655	Turbine Delivery Route Option 2	Cork	40725	TDR 25m intervals	567432.07	573621.85	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3819.13	No	No	No	No	No	Tile_15	NA
1656	Turbine Delivery Route Option 2	Cork	40750	TDR 25m intervals	567436.85	573597.85	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3799.48	No	No	No	No	No	Tile_15	NA
1657	Turbine Delivery Route Option 2	Cork	40775	TDR 25m intervals	567448.78	573575.89	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3775.90	No	No	No	No	No	Tile_15	NA
1658	Turbine Delivery Route Option 2	Cork	40800	TDR 25m intervals	567461.20	573554.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3752.30	No	No	No	No	No	Tile_15	NA
1659	Turbine Delivery Route Option 2	Cork	40825	TDR 25m intervals	567482.82	573541.83	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3727.82	No	No	No	No	No	Tile_15	NA
1660	Turbine Delivery Route Option 2	Cork	40850	TDR 25m intervals	567504.43	573529.27	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3703.34	No	No	No	No	No	Tile_15	NA
1661	Turbine Delivery Route Option 2	Cork	40875	TDR 25m intervals	567526.05	573516.72	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3678.87	No	No	No	No	No	Tile_15	NA
1662	Turbine Delivery Route Option 2	Cork	40900	TDR 25m intervals	567547.00	573503.26	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3654.30	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1663	Turbine Delivery Route Option 2	Cork	40925	TDR 25m intervals	567565.18	573486.10	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3629.31	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1664	Turbine Delivery Route Option 2	Cork	40950	TDR 25m intervals	571373.45	569650.52	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1792.59	No	No	No	No	No	Tile_18	NA
1665	Turbine Delivery Route Option 2	Cork	40975	TDR 25m intervals	571352.17	569663.64	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1769.09	No	No	No	No	No	Tile_18	NA
1666	Turbine Delivery Route Option 2	Cork	41000	TDR 25m intervals	571330.89	569676.76	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1745.62	No	No	No	No	No	Tile_18	NA
1667	Turbine Delivery Route Option 2	Cork	41025	TDR 25m intervals	571309.61	569689.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1722.20	No	No	No	No	No	Tile_18	NA
1668	Turbine Delivery Route Option 2	Cork	41050	TDR 25m intervals	571288.33	569703.00	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1698.83	No	No	No	No	No	Tile_18	NA
1669	Turbine Delivery Route Option 2	Cork	41075	TDR 25m intervals	571267.05	569716.13	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1675.50	No	No	No	No	No	Tile_18	NA
1670	Turbine Delivery Route Option 2	Cork	41100	TDR 25m intervals	571245.77	569729.25	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1652.22	No	No	No	No	No	Tile_18	NA
1671	Turbine Delivery Route Option 2	Cork	41125	TDR 25m intervals	571224.49	569742.37	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1628.99	No	No	No	No	No	Tile_18	NA
1672	Turbine Delivery Route Option 2	Cork	41150	TDR 25m intervals	571203.21	569755.49	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1605.81	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1673	Turbine Delivery Route Option 2	Cork	41175	TDR 25m intervals	571181.93	569768.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1582.69	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1674	Turbine Delivery Route Option 2	Cork	41200	TDR 25m intervals	571159.70	569780.00	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1560.50	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1675	Turbine Delivery Route Option 2	Cork	41225	TDR 25m intervals	571137.19	569790.86	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1538.65	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1676	Turbine Delivery Route Option 2	Cork	41250	TDR 25m intervals	571114.67	569801.72	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1516.90	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1677	Turbine Delivery Route Option 2	Cork	41275	TDR 25m intervals	571092.15	569812.58	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1495.26	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1678	Turbine Delivery Route Option 2	Cork	41300	TDR 25m intervals	571069.63	569823.44	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1473.72	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1679	Turbine Delivery Route Option 2	Cork	41325	TDR 25m intervals	571045.41	569829.02	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1455.80	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1680	Turbine Delivery Route Option 2	Cork	41350	TDR 25m intervals	571020.79	569833.42	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1438.88	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1681	Turbine Delivery Route Option 2	Cork	41375	TDR 25m intervals	570996.18	569837.81	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1422.20	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1682	Turbine Delivery Route Option 2	Cork	41400	TDR 25m intervals	570971.57	569842.21	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1405.77	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1683	Turbine Delivery Route Option 2	Cork	41425	TDR 25m intervals	570946.96	569846.60	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1389.60	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1684	Turbine Delivery Route Option 2	Cork	41450	TDR 25m intervals	570922.35	569851.00	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1373.69	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1685	Turbine Delivery Route Option 2	Cork	41475	TDR 25m intervals	570897.62	569854.50	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1358.79	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1686	Turbine Delivery Route Option 2	Cork	41500	TDR 25m intervals	570872.71	569856.63	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1345.32	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1687	Turbine Delivery Route Option 2	Cork	41525	TDR 25m intervals	570847.81	569858.77	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1332.18	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1688	Turbine Delivery Route Option 2	Cork	41550	TDR 25m intervals	570822.90	569860.91	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1319.38	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1689	Turbine Delivery Route Option 2	Cork	41575	TDR 25m intervals	570797.99	569863.04	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1306.94	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1690	Turbine Delivery Route Option 2	Cork	41600	TDR 25m intervals	570773.08	569865.18	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1294.85	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1691	Turbine Delivery Route Option 2	Cork	41625	TDR 25m intervals	570748.17	569867.31	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1283.15	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1692	Turbine Delivery Route Option 2	Cork	41650	TDR 25m intervals	570723.26	569869.45	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1271.82	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1693	Turbine Delivery Route Option 2	Cork	41675	TDR 25m intervals	570698.35	569871.59	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1260.90	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1694	Turbine Delivery Route Option 2	Cork	41700	TDR 25m intervals	570673.45	569873.72	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1250.37	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
1695	Turbine Delivery Route Option 2	Cork	41725	TDR 25m intervals	570648.54	569875.86	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1240.26	Yes	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1696	Turbine Delivery Route Option 2	Cork	41750	TDR 25m intervals	570623.72	569875.68	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1232.82	Yes	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1697	Turbine Delivery Route Option 2	Cork	41775	TDR 25m intervals	570599.04	569871.66	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1229.56	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1698	Turbine Delivery Route Option 2	Cork	41800	TDR 25m intervals	570574.37	569867.64	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1226.80	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1699	Turbine Delivery Route Option 2	Cork	41825	TDR 25m intervals	570549.69	569863.62	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1224.55	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1700	Turbine Delivery Route Option 2	Cork	41850	TDR 25m intervals	570525.02	569859.60	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1222.80	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1701	Turbine Delivery Route Option 2	Cork	41875	TDR 25m intervals	570500.34	569855.58	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1221.56	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1702	Turbine Delivery Route Option 2	Cork	41900	TDR 25m intervals	570475.67	569851.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1220.84	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1703	Turbine Delivery Route Option 2	Cork	41925	TDR 25m intervals	570451.25	569846.24	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1221.95	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1704	Turbine Delivery Route Option 2	Cork	41950	TDR 25m intervals	570426.92	569840.51	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1223.98	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1705	Turbine Delivery Route Option 2	Cork	41975	TDR 25m intervals	570402.58	569834.78	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1226.52	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1706	Turbine Delivery Route Option 2	Cork	42000	TDR 25m intervals	570378.25	569829.05	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1229.57	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1707	Turbine Delivery Route Option 2	Cork	42025	TDR 25m intervals	570353.92	569823.32	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1233.12	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1708	Turbine Delivery Route Option 2	Cork	42050	TDR 25m intervals	570329.58	569817.59	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1237.16	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1709	Turbine Delivery Route Option 2	Cork	42075	TDR 25m intervals	570305.25	569811.86	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1241.69	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1710	Turbine Delivery Route Option 2	Cork	42100	TDR 25m intervals	570280.91	569806.13	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1246.71	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1711	Turbine Delivery Route Option 2	Cork	42125	TDR 25m intervals	570256.58	569800.40	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1252.20	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1712	Turbine Delivery Route Option 2	Cork	42150	TDR 25m intervals	570232.24	569794.67	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1258.17	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1713	Turbine Delivery Route Option 2	Cork	42175	TDR 25m intervals	570207.91	569788.94	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1264.61	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1714	Turbine Delivery Route Option 2	Cork	42200	TDR 25m intervals	570183.57	569783.21	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1271.50	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1715	Turbine Delivery Route Option 2	Cork	42225	TDR 25m intervals	570159.24	569777.48	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1278.85	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
1716	Turbine Delivery Route Option 2	Cork	42250	TDR 25m intervals	570134.90	569771.75	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1286.64	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
1717	Turbine Delivery Route Option 2	Cork	42275	TDR 25m intervals	570110.57	569766.02	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1294.86	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
1718	Turbine Delivery Route Option 2	Cork	42300	TDR 25m intervals	570086.23	569760.29	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1303.52	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
1719	Turbine Delivery Route Option 2	Cork	42325	TDR 25m intervals	570061.90	569754.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1312.59	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1720	Turbine Delivery Route Option 2	Cork	42350	TDR 25m intervals	570037.56	569748.83	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1322.08	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1721	Turbine Delivery Route Option 2	Cork	42375	TDR 25m intervals	570013.23	569743.10	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1331.96	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone Within Cork Harbour SPA Buffer
1722	Turbine Delivery Route Option 2	Cork	42400	TDR 25m intervals	569989.47	569735.75	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1343.72	Yes	No	No	Cork Harbour SPA	No	Tile_19	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
1723	Turbine Delivery Route Option 2	Cork	42425	TDR 25m intervals	569966.90	569724.98	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1358.91	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1724	Turbine Delivery Route Option 2	Cork	42450	TDR 25m intervals	569944.34	569714.22	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1374.38	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1725	Turbine Delivery Route Option 2	Cork	42475	TDR 25m intervals	569921.78	569703.45	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1390.14	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1726	Turbine Delivery Route Option 2	Cork	42500	TDR 25m intervals	569899.21	569692.69	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1406.16	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1727	Turbine Delivery Route Option 2	Cork	42525	TDR 25m intervals	569876.65	569681.92	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1422.44	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1728	Turbine Delivery Route Option 2	Cork	42550	TDR 25m intervals	569854.09	569671.16	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1438.97	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1729	Turbine Delivery Route Option 2	Cork	42575	TDR 25m intervals	569832.24	569659.10	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1456.77	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1730	Turbine Delivery Route Option 2	Cork	42600	TDR 25m intervals	569811.12	569645.72	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1475.81	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1731	Turbine Delivery Route Option 2	Cork	42625	TDR 25m intervals	569790.00	569632.34	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1495.04	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1732	Turbine Delivery Route Option 2	Cork	42650	TDR 25m intervals	569768.88	569618.96	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1514.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1733	Turbine Delivery Route Option 2	Cork	42675	TDR 25m intervals	569747.77	569605.58	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1533.98	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1734	Turbine Delivery Route Option 2	Cork	42700	TDR 25m intervals	569726.65	569592.20	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1553.69	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1735	Turbine Delivery Route Option 2	Cork	42725	TDR 25m intervals	569705.53	569578.82	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1573.55	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1736	Turbine Delivery Route Option 2	Cork	42750	TDR 25m intervals	569684.41	569565.44	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1593.56	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1737	Turbine Delivery Route Option 2	Cork	42775	TDR 25m intervals	569663.29	569552.06	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1613.70	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1738	Turbine Delivery Route Option 2	Cork	42800	TDR 25m intervals	569642.17	569538.68	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1633.98	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1739	Turbine Delivery Route Option 2	Cork	42825	TDR 25m intervals	569621.06	569525.30	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1654.39	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1740	Turbine Delivery Route Option 2	Cork	42850	TDR 25m intervals	569599.94	569511.92	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1674.92	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1741	Turbine Delivery Route Option 2	Cork	42875	TDR 25m intervals	569578.82	569498.54	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1695.58	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1742	Turbine Delivery Route Option 2	Cork		TDR_WCC_231	569573.17	569488.19	WCC		Yes	MONEYGURNEY_010			Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1695.58	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1743	Turbine Delivery Route Option 2	Cork	42900	TDR 25m intervals	569557.70	569485.16	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1716.35	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1744	Turbine Delivery Route Option 2	Cork	42925	TDR 25m intervals	569536.58	569471.78	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1737.23	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1745	Turbine Delivery Route Option 2	Cork	42950	TDR 25m intervals	569514.87	569459.40	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1757.56	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1746	Turbine Delivery Route Option 2	Cork	42975	TDR 25m intervals	569493.08	569447.14	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1777.94	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1747	Turbine Delivery Route Option 2	Cork	43000	TDR 25m intervals	569471.29	569434.88	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1798.43	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1748	Turbine Delivery Route Option 2	Cork	43025	TDR 25m intervals	569449.51	569422.62	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1819.04	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1749	Turbine Delivery Route Option 2	Cork	43050	TDR 25m intervals	569427.72	569410.36	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1839.75	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1750	Turbine Delivery Route Option 2	Cork	43075	TDR 25m intervals	569405.94	569398.09	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1860.57	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1751	Turbine Delivery Route Option 2	Cork	43100	TDR 25m intervals	569384.15	569385.83	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1881.49	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1752	Turbine Delivery Route Option 2	Cork	43125	TDR 25m intervals	569362.36	569373.57	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1902.51	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1753	Turbine Delivery Route Option 2	Cork	43150	TDR 25m intervals	569340.57	569361.31	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1923.63	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1754	Turbine Delivery Route Option 2	Cork	43175	TDR 25m intervals	569318.79	569349.05	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1944.84	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1755	Turbine Delivery Route Option 2	Cork	43200	TDR 25m intervals	569297.00	569336.79	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1966.14	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1756	Turbine Delivery Route Option 2	Cork	43225	TDR 25m intervals	569275.21	569324.53	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1987.52	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1757	Turbine Delivery Route Option 2	Cork	43250	TDR 25m intervals	569253.43	569312.26	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2008.99	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1758	Turbine Delivery Route Option 2	Cork	43275	TDR 25m intervals	569231.64	569300.00	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2030.54	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1759	Turbine Delivery Route Option 2	Cork	43300	TDR 25m intervals	569209.85	569287.74	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2052.16	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1760	Turbine Delivery Route Option 2	Cork	43325	TDR 25m intervals	569187.74	569276.14	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2073.47	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1761	Turbine Delivery Route Option 2	Cork	43350	TDR 25m intervals	569164.81	569266.19	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2093.88	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1762	Turbine Delivery Route Option 2	Cork	43375	TDR 25m intervals	569141.88	569256.23	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2114.38	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1763	Turbine Delivery Route Option 2	Cork	43400	TDR 25m intervals	569118.94	569246.28	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2134.99	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1764	Turbine Delivery Route Option 2	Cork	43425	TDR 25m intervals	569096.01	569236.32	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2155.68	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1765	Turbine Delivery Route Option 2	Cork	43450	TDR 25m intervals	569073.08	569226.37	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2176.47	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1766	Turbine Delivery Route Option 2	Cork	43475	TDR 25m intervals	569050.15	569216.41	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2197.34	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1767	Turbine Delivery Route Option 2	Cork	43500	TDR 25m intervals	569027.21	569206.46	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2218.30	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1768	Turbine Delivery Route Option 2	Cork	43525	TDR 25m intervals	569004.28	569196.50	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2239.34	No	No	No	No	No	Tile_19	NA
1769	Turbine Delivery Route Option 2	Cork	43550	TDR 25m intervals	568981.35	569186.55	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2260.47	No	No	No	No	No	Tile_19	NA
1770	Turbine Delivery Route Option 2	Cork	43575	TDR 25m intervals	568958.41	569176.59	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2281.67	No	No	No	No	No	Tile_19	NA
1771	Turbine Delivery Route Option 2	Cork	43600	TDR 25m intervals	568934.84	569169.26	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2301.17	No	No	No	No	No	Tile_19	NA
1772	Turbine Delivery Route Option 2	Cork	43625	TDR 25m intervals	568909.90	569167.50	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2317.02	No	No	No	No	No	Tile_19	NA
1773	Turbine Delivery Route Option 2	Cork	43650	TDR 25m intervals	568884.96	569165.74	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2333.03	No	No	No	No	No	Tile_19	NA
1774	Turbine Delivery Route Option 2	Cork	43675	TDR 25m intervals	568860.03	569163.98	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2349.20	No	No	No	No	No	Tile_19	NA
1775	Turbine Delivery Route Option 2	Cork	43700	TDR 25m intervals	568835.09	569162.23	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2365.52	No	No	No	No	No	Tile_19	NA
1776	Turbine Delivery Route Option 2	Cork	43725	TDR 25m intervals	568810.15	569160.47	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2382.00	No	No	No	No	No	Tile_19	NA
1777	Turbine Delivery Route Option 2	Cork	43750	TDR 25m intervals	568785.21	569158.71	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2398.62	No	No	No	No	No	Tile_19	NA
1778	Turbine Delivery Route Option 2	Cork	43775	TDR 25m intervals	568760.27	569156.95	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2415.38	No	No	No	No	No	Tile_19	NA
1779	Turbine Delivery Route Option 2	Cork	43800	TDR 25m intervals	568735.33	569155.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2432.29	No	No	No	No	No	Tile_19	NA
1780	Turbine Delivery Route Option 2	Cork	43825	TDR 25m intervals	568710.43	569156.20	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2447.16	No	No	No	No	No	Tile_19	NA
1781	Turbine Delivery Route Option 2	Cork	43850	TDR 25m intervals	568685.54	569158.54	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2461.17	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1782	Turbine Delivery Route Option 2	Cork	43875	TDR 25m intervals	568660.65	569160.87	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2475.36	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1783	Turbine Delivery Route Option 2	Cork		TDR_WCC_230	568636.63	569164.16	WCC		Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2475.36	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1784	Turbine Delivery Route Option 2	Cork	43900	TDR 25m intervals	568635.76	569163.21	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2489.71	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1785	Turbine Delivery Route Option 2	Cork	43925	TDR 25m intervals	568610.87	569165.55	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2504.23	No	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone
1786	Turbine Delivery Route Option 2	Cork	43950	TDR 25m intervals	568585.98	569167.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2518.92	No	No	No	No	No	Tile_19	NA
1787	Turbine Delivery Route Option 2	Cork	43975	TDR 25m intervals	568561.08	569170.22	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2533.77	No	No	No	No	No	Tile_19	NA
1788	Turbine Delivery Route Option 2	Cork	44000	TDR 25m intervals	568536.19	569172.55	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2548.77	No	No	No	No	No	Tile_19	NA
1789	Turbine Delivery Route Option 2	Cork	44025	TDR 25m intervals	568511.30	569174.89	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2563.94	No	No	No	No	No	Tile_19	NA
1790	Turbine Delivery Route Option 2	Cork	44050	TDR 25m intervals	568486.41	569177.22	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2579.25	No	No	No	No	No	Tile_19	NA
1791	Turbine Delivery Route Option 2	Cork	44075	TDR 25m intervals	568461.52	569179.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2594.72	No	No	No	No	No	Tile_19	NA
1792	Turbine Delivery Route Option 2	Cork	44100	TDR 25m intervals	568436.63	569181.89	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2610.33	No	No	No	No	No	Tile_19	NA
1793	Turbine Delivery Route Option 2	Cork	44125	TDR 25m intervals	568411.74	569184.23	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2626.09	No	No	No	No	No	Tile_19	NA
1794	Turbine Delivery Route Option 2	Cork	44150	TDR 25m intervals	568386.85	569186.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2641.99	No	No	No	No	No	Tile_19	NA
1795	Turbine Delivery Route Option 2	Cork	44175	TDR 25m intervals	568361.96	569188.90	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2658.04	No	No	No	No	No	Tile_19	NA
1796	Turbine Delivery Route Option 2	Cork	44200	TDR 25m intervals	568337.04	569190.04	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2675.06	No	No	No	No	No	Tile_19	NA
1797	Turbine Delivery Route Option 2	Cork	44225	TDR 25m intervals	568312.07	569188.80	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2693.90	No	No	No	No	No	Tile_19	NA
1798	Turbine Delivery Route Option 2	Cork	44250	TDR 25m intervals	568287.10	569187.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2712.84	No	No	No	No	No	Tile_19	NA
1799	Turbine Delivery Route Option 2	Cork	44275	TDR 25m intervals	568262.14	569186.32	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2731.88	No	No	No	No	No	Tile_19	NA
1800	Turbine Delivery Route Option 2	Cork	44300	TDR 25m intervals	568237.17	569185.08	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2751.01	No	No	No	No	No	Tile_19	NA
1801	Turbine Delivery Route Option 2	Cork	44325	TDR 25m intervals	568212.20	569183.84	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2770.24	No	No	No	No	No	Tile_19	NA
1802	Turbine Delivery Route Option 2	Cork	44350	TDR 25m intervals	568187.23	569182.60	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2789.55	No	No	No	No	No	Tile_19	NA
1803	Turbine Delivery Route Option 2	Cork	44375	TDR 25m intervals	568162.26	569181.36	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2808.96	No	No	No	No	No	Tile_19	NA
1804	Turbine Delivery Route Option 2	Cork	44400	TDR 25m intervals	568137.29	569180.12	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2828.46	No	No	No	No	No	Tile_19	NA
1805	Turbine Delivery Route Option 2	Cork	44425	TDR 25m intervals	568112.32	569178.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2848.04	No	No	No	No	No	Tile_19	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1806	Turbine Delivery Route Option 2	Cork	44450	TDR 25m intervals	568087.35	569177.63	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2867.70	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1807	Turbine Delivery Route Option 2	Cork	44475	TDR 25m intervals	568062.38	569176.39	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2887.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1808	Turbine Delivery Route Option 2	Cork	44500	TDR 25m intervals	568037.55	569173.74	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2908.09	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1809	Turbine Delivery Route Option 2	Cork	44525	TDR 25m intervals	568012.78	569170.33	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2929.23	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1810	Turbine Delivery Route Option 2	Cork	44550	TDR 25m intervals	567988.01	569166.93	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2950.43	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1811	Turbine Delivery Route Option 2	Cork	44575	TDR 25m intervals	567963.24	569163.52	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2971.68	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1812	Turbine Delivery Route Option 2	Cork	44600	TDR 25m intervals	567938.48	569160.11	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2993.00	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1813	Turbine Delivery Route Option 2	Cork	44625	TDR 25m intervals	567913.71	569156.71	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3014.37	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1814	Turbine Delivery Route Option 2	Cork	44650	TDR 25m intervals	567888.94	569153.30	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3035.80	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1815	Turbine Delivery Route Option 2	Cork	44675	TDR 25m intervals	567864.18	569149.90	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3057.28	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1816	Turbine Delivery Route Option 2	Cork	44700	TDR 25m intervals	567839.41	569146.49	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3078.82	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1817	Turbine Delivery Route Option 2	Cork	44725	TDR 25m intervals	567814.69	569142.81	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3100.54	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1818	Turbine Delivery Route Option 2	Cork	44750	TDR 25m intervals	567790.03	569138.67	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3122.54	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1819	Turbine Delivery Route Option 2	Cork	44775	TDR 25m intervals	567765.38	569134.53	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3144.58	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1820	Turbine Delivery Route Option 2	Cork	44800	TDR 25m intervals	567740.72	569130.39	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3166.67	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1821	Turbine Delivery Route Option 2	Cork	44825	TDR 25m intervals	567716.06	569126.25	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3188.80	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1822	Turbine Delivery Route Option 2	Cork	44850	TDR 25m intervals	567691.41	569122.12	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3210.97	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1823	Turbine Delivery Route Option 2	Cork	44875	TDR 25m intervals	567667.09	569116.37	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3233.88	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1824	Turbine Delivery Route Option 2	Cork	44900	TDR 25m intervals	567642.81	569110.39	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3256.92	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1825	Turbine Delivery Route Option 2	Cork	44925	TDR 25m intervals	567618.98	569111.36	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3275.51	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1826	Turbine Delivery Route Option 2	Cork	44950	TDR 25m intervals	567595.68	569120.39	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3288.99	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1827	Turbine Delivery Route Option 2	Cork	44975	TDR 25m intervals	567585.21	569141.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3285.11	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1828	Turbine Delivery Route Option 2	Cork	45000	TDR 25m intervals	567582.24	569165.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3273.84	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1829	Turbine Delivery Route Option 2	Cork	45025	TDR 25m intervals	567593.42	569186.51	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3252.44	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1830	Turbine Delivery Route Option 2	Cork	45050	TDR 25m intervals	567616.63	569195.80	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3228.10	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1831	Turbine Delivery Route Option 2	Cork	45075	TDR 25m intervals	567639.21	569206.33	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3203.56	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1832	Turbine Delivery Route Option 2	Cork	45100	TDR 25m intervals	567660.56	569219.34	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3178.61	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1833	Turbine Delivery Route Option 2	Cork	45125	TDR 25m intervals	567681.92	569232.34	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3153.67	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1834	Turbine Delivery Route Option 2	Cork	45150	TDR 25m intervals	567701.76	569247.15	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3128.92	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1835	Turbine Delivery Route Option 2	Cork	45175	TDR 25m intervals	567718.26	569265.92	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3104.60	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1836	Turbine Delivery Route Option 2	Cork	45200	TDR 25m intervals	567734.77	569284.70	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3080.30	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1837	Turbine Delivery Route Option 2	Cork	45225	TDR 25m intervals	567751.28	569303.47	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3056.01	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1838	Turbine Delivery Route Option 2	Cork	45250	TDR 25m intervals	567767.79	569322.24	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	3031.72	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1839	Turbine Delivery Route Option 2	Cork	45275	TDR 25m intervals	567784.30	569341.02	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	3007.45	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1840	Turbine Delivery Route Option 2	Cork	45300	TDR 25m intervals	567799.28	569361.00	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	2983.77	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within GW Buffer Zone
1841	Turbine Delivery Route Option 2	Cork	45325	TDR 25m intervals	567813.80	569381.36	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2960.28	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1842	Turbine Delivery Route Option 2	Cork	45350	TDR 25m intervals	567828.31	569401.71	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2936.82	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1843	Turbine Delivery Route Option 2	Cork	45375	TDR 25m intervals	567842.82	569422.07	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2913.38	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1844	Turbine Delivery Route Option 2	Cork	45400	TDR 25m intervals	567856.72	569442.79	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2890.27	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1845	Turbine Delivery Route Option 2	Cork	45425	TDR 25m intervals	567867.80	569465.20	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2868.62	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1846	Turbine Delivery Route Option 2	Cork	45450	TDR 25m intervals	567878.87	569487.62	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2847.01	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1847	Turbine Delivery Route Option 2	Cork	45475	TDR 25m intervals	567889.94	569510.03	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2825.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1848	Turbine Delivery Route Option 2	Cork		TDR_WCC_229	567898.69	569530.00	WCC		Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2825.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1849	Turbine Delivery Route Option 2	Cork	45500	TDR 25m intervals	567900.43	569532.72	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2804.32	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1850	Turbine Delivery Route Option 2	Cork	45525	TDR 25m intervals	567910.52	569555.59	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2783.47	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1851	Turbine Delivery Route Option 2	Cork	45550	TDR 25m intervals	567920.61	569578.46	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2762.70	Yes	No	No	No	No	Tile_19	ELEVATED RISK Within SW Buffer Zone Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1852	Turbine Delivery Route Option 2	Cork	45575	TDR 25m intervals	567930.71	569601.34	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2741.99	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1853	Turbine Delivery Route Option 2	Cork	45600	TDR 25m intervals	567940.80	569624.21	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2721.35	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1854	Turbine Delivery Route Option 2	Cork	45625	TDR 25m intervals	567947.09	569648.27	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2703.42	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1855	Turbine Delivery Route Option 2	Cork	45650	TDR 25m intervals	567951.78	569672.82	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2686.72	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1856	Turbine Delivery Route Option 2	Cork	45675	TDR 25m intervals	567956.46	569697.38	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2670.15	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1857	Turbine Delivery Route Option 2	Cork	45700	TDR 25m intervals	567961.15	569721.94	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2653.71	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1858	Turbine Delivery Route Option 2	Cork	45725	TDR 25m intervals	567965.83	569746.49	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2637.41	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1859	Turbine Delivery Route Option 2	Cork	45750	TDR 25m intervals	567970.52	569771.05	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2621.25	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1860	Turbine Delivery Route Option 2	Cork	45775	TDR 25m intervals	567975.20	569795.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2605.22	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1861	Turbine Delivery Route Option 2	Cork	45800	TDR 25m intervals	567979.28	569820.27	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2589.82	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1862	Turbine Delivery Route Option 2	Cork	45825	TDR 25m intervals	567982.65	569845.04	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2575.15	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1863	Turbine Delivery Route Option 2	Cork	45850	TDR 25m intervals	567986.02	569869.81	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2560.64	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1864	Turbine Delivery Route Option 2	Cork	45875	TDR 25m intervals	567989.39	569894.58	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2546.28	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1865	Turbine Delivery Route Option 2	Cork	45900	TDR 25m intervals	567992.76	569919.35	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2532.10	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1866	Turbine Delivery Route Option 2	Cork	45925	TDR 25m intervals	567996.13	569944.12	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2518.08	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1867	Turbine Delivery Route Option 2	Cork	45950	TDR 25m intervals	567999.50	569968.90	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2504.23	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1868	Turbine Delivery Route Option 2	Cork	45975	TDR 25m intervals	568002.87	569993.67	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2490.56	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1869	Turbine Delivery Route Option 2	Cork	46000	TDR 25m intervals	568006.24	570018.44	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2477.07	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1870	Turbine Delivery Route Option 2	Cork	46025	TDR 25m intervals	568009.61	570043.21	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2463.75	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1871	Turbine Delivery Route Option 2	Cork	46050	TDR 25m intervals	568012.98	570067.98	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2450.62	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1872	Turbine Delivery Route Option 2	Cork	46075	TDR 25m intervals	568016.35	570092.76	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2437.67	Yes	No	No	No	No	Tile_19	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1873	Turbine Delivery Route Option 2	Cork	46100	TDR 25m intervals	568019.72	570117.53	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2424.91	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1874	Turbine Delivery Route Option 2	Cork	46125	TDR 25m intervals	568023.09	570142.30	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2412.35	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1875	Turbine Delivery Route Option 2	Cork	46150	TDR 25m intervals	568026.46	570167.07	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2399.97	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1876	Turbine Delivery Route Option 2	Cork	46175	TDR 25m intervals	568029.83	570191.84	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2387.80	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1877	Turbine Delivery Route Option 2	Cork	46200	TDR 25m intervals	568033.20	570216.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2375.83	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1878	Turbine Delivery Route Option 2	Cork	46225	TDR 25m intervals	568036.57	570241.39	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2364.06	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1879	Turbine Delivery Route Option 2	Cork	46250	TDR 25m intervals	568039.94	570266.16	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2352.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1880	Turbine Delivery Route Option 2	Cork	46275	TDR 25m intervals	568043.31	570290.93	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2341.14	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1881	Turbine Delivery Route Option 2	Cork	46300	TDR 25m intervals	568046.68	570315.70	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2330.00	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1882	Turbine Delivery Route Option 2	Cork	46325	TDR 25m intervals	568050.04	570340.47	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2319.08	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1883	Turbine Delivery Route Option 2	Cork	46350	TDR 25m intervals	568053.41	570365.25	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2308.37	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1884	Turbine Delivery Route Option 2	Cork	46375	TDR 25m intervals	568056.78	570390.02	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2297.89	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1885	Turbine Delivery Route Option 2	Cork	46400	TDR 25m intervals	568060.15	570414.79	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2287.64	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1886	Turbine Delivery Route Option 2	Cork	46425	TDR 25m intervals	568063.52	570439.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2277.61	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1887	Turbine Delivery Route Option 2	Cork	46450	TDR 25m intervals	568066.89	570464.33	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2267.81	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1888	Turbine Delivery Route Option 2	Cork	46475	TDR 25m intervals	568070.53	570489.07	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2257.99	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1889	Turbine Delivery Route Option 2	Cork	46500	TDR 25m intervals	568074.34	570513.77	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2248.26	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1890	Turbine Delivery Route Option 2	Cork	46525	TDR 25m intervals	568078.14	570538.48	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2238.76	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1891	Turbine Delivery Route Option 2	Cork	46550	TDR 25m intervals	568081.95	570563.19	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2229.50	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1892	Turbine Delivery Route Option 2	Cork	46575	TDR 25m intervals	568085.76	570587.90	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2220.49	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1893	Turbine Delivery Route Option 2	Cork	46600	TDR 25m intervals	568089.56	570612.61	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2211.72	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
1894	Turbine Delivery Route Option 2	Cork	46625	TDR 25m intervals	568093.37	570637.32	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2203.20	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1895	Turbine Delivery Route Option 2	Cork	46650	TDR 25m intervals	568097.17	570662.03	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2194.93	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1896	Turbine Delivery Route Option 2	Cork	46675	TDR 25m intervals	568100.98	570686.73	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2186.92	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1897	Turbine Delivery Route Option 2	Cork	46700	TDR 25m intervals	568104.78	570711.44	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2179.16	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1898	Turbine Delivery Route Option 2	Cork	46725	TDR 25m intervals	568107.40	570736.30	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2172.82	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1899	Turbine Delivery Route Option 2	Cork	46750	TDR 25m intervals	568109.91	570761.18	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2166.85	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1900	Turbine Delivery Route Option 2	Cork	46775	TDR 25m intervals	568112.42	570786.05	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2161.15	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1901	Turbine Delivery Route Option 2	Cork	46800	TDR 25m intervals	568114.94	570810.92	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2155.73	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1902	Turbine Delivery Route Option 2	Cork	46825	TDR 25m intervals	568117.45	570835.80	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2150.58	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1903	Turbine Delivery Route Option 2	Cork	46850	TDR 25m intervals	568119.97	570860.67	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2145.71	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1904	Turbine Delivery Route Option 2	Cork	46875	TDR 25m intervals	568122.48	570885.54	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2141.13	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1905	Turbine Delivery Route Option 2	Cork	46900	TDR 25m intervals	568125.00	570910.42	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2136.82	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1906	Turbine Delivery Route Option 2	Cork	46925	TDR 25m intervals	568127.51	570935.29	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2132.80	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1907	Turbine Delivery Route Option 2	Cork	46950	TDR 25m intervals	568130.03	570960.16	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2129.07	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1908	Turbine Delivery Route Option 2	Cork	46975	TDR 25m intervals	568132.54	570985.04	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2125.62	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1909	Turbine Delivery Route Option 2	Cork	47000	TDR 25m intervals	568135.49	571009.86	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2122.03	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1910	Turbine Delivery Route Option 2	Cork	47025	TDR 25m intervals	568138.56	571034.67	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2118.60	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1911	Turbine Delivery Route Option 2	Cork	47050	TDR 25m intervals	568141.64	571059.48	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2115.47	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1912	Turbine Delivery Route Option 2	Cork	47075	TDR 25m intervals	568144.71	571084.29	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2112.62	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1913	Turbine Delivery Route Option 2	Cork	47100	TDR 25m intervals	568147.79	571109.10	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2110.06	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1914	Turbine Delivery Route Option 2	Cork	47125	TDR 25m intervals	568150.86	571133.91	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2107.80	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1915	Turbine Delivery Route Option 2	Cork	47150	TDR 25m intervals	568153.94	571158.72	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2105.84	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1916	Turbine Delivery Route Option 2	Cork	47175	TDR 25m intervals	568157.01	571183.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2104.17	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1917	Turbine Delivery Route Option 2	Cork	47200	TDR 25m intervals	568160.09	571208.34	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2102.79	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1918	Turbine Delivery Route Option 2	Cork	47225	TDR 25m intervals	568163.16	571233.15	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2101.72	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1919	Turbine Delivery Route Option 2	Cork	47250	TDR 25m intervals	568166.24	571257.96	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2100.93	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1920	Turbine Delivery Route Option 2	Cork	47275	TDR 25m intervals	568169.31	571282.77	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2100.45	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1921	Turbine Delivery Route Option 2	Cork	47300	TDR 25m intervals	568172.39	571307.58	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2100.27	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1922	Turbine Delivery Route Option 2	Cork	47325	TDR 25m intervals	568172.45	571332.39	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2103.36	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1923	Turbine Delivery Route Option 2	Cork	47350	TDR 25m intervals	568169.34	571357.20	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2109.88	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1924	Turbine Delivery Route Option 2	Cork	47375	TDR 25m intervals	568166.24	571382.00	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2116.68	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1925	Turbine Delivery Route Option 2	Cork	47400	TDR 25m intervals	568163.13	571406.81	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2123.75	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1926	Turbine Delivery Route Option 2	Cork	47425	TDR 25m intervals	568160.02	571431.61	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2131.09	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1927	Turbine Delivery Route Option 2	Cork	47450	TDR 25m intervals	568156.91	571456.42	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2138.70	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1928	Turbine Delivery Route Option 2	Cork	47475	TDR 25m intervals	568151.92	571480.86	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(Rkd) Regionally Impo	NA	NA	2148.34	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1929	Turbine Delivery Route Option 2	Cork	47500	TDR 25m intervals	568145.41	571504.99	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(Rkd) Regionally Impo	NA	NA	2159.66	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1930	Turbine Delivery Route Option 2	Cork	47525	TDR 25m intervals	568138.90	571529.13	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2171.20	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1931	Turbine Delivery Route Option 2	Cork	47550	TDR 25m intervals	568132.39	571553.27	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2182.97	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1932	Turbine Delivery Route Option 2	Cork	47575	TDR 25m intervals	568124.11	571576.71	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2196.50	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1933	Turbine Delivery Route Option 2	Cork	47600	TDR 25m intervals	568112.37	571598.78	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2213.25	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1934	Turbine Delivery Route Option 2	Cork	47625	TDR 25m intervals	568102.90	571620.05	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2227.76	No	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
1935	Turbine Delivery Route Option 2	Cork	47650	TDR 25m intervals	568125.93	571629.79	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2208.03	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1936	Turbine Delivery Route Option 2	Cork	47675	TDR 25m intervals	568148.95	571639.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2188.40	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1937	Turbine Delivery Route Option 2	Cork	47700	TDR 25m intervals	568171.98	571649.27	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2168.89	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1938	Turbine Delivery Route Option 2	Cork	47725	TDR 25m intervals	568175.03	571668.60	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2171.36	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1939	Turbine Delivery Route Option 2	Cork	47750	TDR 25m intervals	568168.25	571692.67	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2184.80	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1940	Turbine Delivery Route Option 2	Cork	47775	TDR 25m intervals	568161.46	571716.73	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2198.44	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1941	Turbine Delivery Route Option 2	Cork	47800	TDR 25m intervals	568154.67	571740.79	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2212.29	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1942	Turbine Delivery Route Option 2	Cork	47825	TDR 25m intervals	568147.88	571764.85	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2226.33	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1943	Turbine Delivery Route Option 2	Cork	47850	TDR 25m intervals	568141.09	571788.91	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2240.56	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
1944	Turbine Delivery Route Option 2	Cork	47875	TDR 25m intervals	568134.31	571812.97	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2254.97	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1945	Turbine Delivery Route Option 2	Cork	47900	TDR 25m intervals	568127.52	571837.03	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	2269.57	Yes	No	No	No	No	Tile_20	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within GW Buffer Zone
1946	Turbine Delivery Route Option 2	Cork	47925	TDR 25m intervals	568120.73	571861.09	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2284.35	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1947	Turbine Delivery Route Option 2	Cork	47950	TDR 25m intervals	568113.94	571885.15	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2299.31	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1948	Turbine Delivery Route Option 2	Cork	47975	TDR 25m intervals	568105.03	571908.48	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2316.15	No	No	No	No	No	Tile_20	NA
1949	Turbine Delivery Route Option 2	Cork	48000	TDR 25m intervals	568095.49	571931.58	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2333.62	No	No	No	No	No	Tile_20	NA
1950	Turbine Delivery Route Option 2	Cork	48025	TDR 25m intervals	568089.28	571955.44	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2348.45	No	No	No	No	No	Tile_20	NA
1951	Turbine Delivery Route Option 2	Cork	48050	TDR 25m intervals	568087.96	571980.41	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2359.38	No	No	No	No	No	Tile_20	NA
1952	Turbine Delivery Route Option 2	Cork	48075	TDR 25m intervals	568088.31	572005.38	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2368.99	No	No	No	No	No	Tile_20	NA
1953	Turbine Delivery Route Option 2	Cork	48100	TDR 25m intervals	568089.62	572030.34	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2377.96	No	No	No	No	No	Tile_20	NA
1954	Turbine Delivery Route Option 2	Cork	48125	TDR 25m intervals	568067.77	572037.27	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2400.72	No	No	No	No	No	Tile_20	NA
1955	Turbine Delivery Route Option 2	Cork	48150	TDR 25m intervals	568043.24	572042.10	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2425.09	No	No	No	No	No	Tile_20	NA
1956	Turbine Delivery Route Option 2	Cork	48175	TDR 25m intervals	568018.71	572046.93	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2449.46	No	No	No	No	No	Tile_20	NA
1957	Turbine Delivery Route Option 2	Cork	48200	TDR 25m intervals	567994.19	572051.76	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2473.85	No	No	No	No	No	Tile_20	NA
1958	Turbine Delivery Route Option 2	Cork	48225	TDR 25m intervals	567969.66	572056.59	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2498.25	No	No	No	No	No	Tile_20	NA
1959	Turbine Delivery Route Option 2	Cork	48250	TDR 25m intervals	567945.13	572061.42	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2522.66	No	No	No	No	No	Tile_20	NA
1960	Turbine Delivery Route Option 2	Cork	48275	TDR 25m intervals	567920.47	572065.52	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2546.91	No	No	No	No	No	Tile_20	NA
1961	Turbine Delivery Route Option 2	Cork	48300	TDR 25m intervals	567895.79	572069.52	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2571.16	No	No	No	No	No	Tile_20	NA
1962	Turbine Delivery Route Option 2	Cork	48325	TDR 25m intervals	567871.11	572073.53	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2595.42	No	No	No	No	No	Tile_20	NA
1963	Turbine Delivery Route Option 2	Cork	48350	TDR 25m intervals	567846.44	572077.54	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2619.69	No	No	No	No	No	Tile_20	NA
1964	Turbine Delivery Route Option 2	Cork	48375	TDR 25m intervals	567821.76	572081.54	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2643.98	No	No	No	No	No	Tile_20	NA
1965	Turbine Delivery Route Option 2	Cork	48400	TDR 25m intervals	567797.08	572085.55	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2668.28	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1966	Turbine Delivery Route Option 2	Cork	48425	TDR 25m intervals	567772.41	572089.55	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2692.59	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1967	Turbine Delivery Route Option 2	Cork	48450	TDR 25m intervals	567747.73	572093.56	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2716.92	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1968	Turbine Delivery Route Option 2	Cork	48475	TDR 25m intervals	567723.05	572097.56	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2741.25	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1969	Turbine Delivery Route Option 2	Cork	48500	TDR 25m intervals	567698.38	572101.57	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2765.60	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1970	Turbine Delivery Route Option 2	Cork	48525	TDR 25m intervals	567673.70	572105.58	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2789.96	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1971	Turbine Delivery Route Option 2	Cork	48550	TDR 25m intervals	567649.02	572109.58	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2814.34	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1972	Turbine Delivery Route Option 2	Cork	48575	TDR 25m intervals	567624.35	572113.63	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2838.73	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1973	Turbine Delivery Route Option 2	Cork	48600	TDR 25m intervals	567599.72	572117.93	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2863.19	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1974	Turbine Delivery Route Option 2	Cork	48625	TDR 25m intervals	567575.10	572122.24	NA	NA	No	NA			Moderate (M)	5 to 10m	(Ll) Locally Important	NA	NA	2887.66	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1975	Turbine Delivery Route Option 2	Cork	48650	TDR 25m intervals	567550.47	572126.55	NA	NA	No	NA			High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2912.13	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1976	Turbine Delivery Route Option 2	Cork	48675	TDR 25m intervals	567525.84	572130.85	NA	NA	No	NA			High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2936.62	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1977	Turbine Delivery Route Option 2	Cork	48700	TDR 25m intervals	567501.22	572135.16	NA	NA	No	NA			High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2961.12	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1978	Turbine Delivery Route Option 2	Cork	48725	TDR 25m intervals	567480.90	572143.32	NA	NA	No	NA			High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2983.01	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within GW Buffer Zone
1979	Turbine Delivery Route Option 2	Cork	48750	TDR 25m intervals	567479.34	572168.27	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2993.68	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1980	Turbine Delivery Route Option 2	Cork	48775	TDR 25m intervals	567477.77	572193.22	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3004.52	Yes	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
1981	Turbine Delivery Route Option 2	Cork	48800	TDR 25m intervals	567476.06	572218.16	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3015.66	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1982	Turbine Delivery Route Option 2	Cork	48825	TDR 25m intervals	567472.22	572242.73	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3028.78	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1983	Turbine Delivery Route Option 2	Cork	48850	TDR 25m intervals	567465.12	572266.70	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3044.80	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1984	Turbine Delivery Route Option 2	Cork	48875	TDR 25m intervals	567458.01	572290.67	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3060.94	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1985	Turbine Delivery Route Option 2	Cork	48900	TDR 25m intervals	567452.21	572314.78	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3076.07	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1986	Turbine Delivery Route Option 2	Cork	48925	TDR 25m intervals	567453.94	572339.72	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3084.82	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1987	Turbine Delivery Route Option 2	Cork	48950	TDR 25m intervals	567455.67	572364.66	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3093.74	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1988	Turbine Delivery Route Option 2	Cork	48975	TDR 25m intervals	567457.40	572389.60	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3102.85	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1989	Turbine Delivery Route Option 2	Cork	49000	TDR 25m intervals	567464.83	572413.43	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	3106.51	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1990	Turbine Delivery Route Option 2	Cork	49025	TDR 25m intervals	567472.56	572437.21	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3110.08	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1991	Turbine Delivery Route Option 2	Cork	49050	TDR 25m intervals	567480.29	572460.98	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3113.84	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1992	Turbine Delivery Route Option 2	Cork	49075	TDR 25m intervals	567481.51	572485.35	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3123.86	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1993	Turbine Delivery Route Option 2	Cork	49100	TDR 25m intervals	567478.21	572510.13	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3138.24	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1994	Turbine Delivery Route Option 2	Cork	49125	TDR 25m intervals	567474.91	572534.91	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3152.74	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1995	Turbine Delivery Route Option 2	Cork	49150	TDR 25m intervals	567471.48	572559.65	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3167.47	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1996	Turbine Delivery Route Option 2	Cork	49175	TDR 25m intervals	567459.87	572581.80	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3188.25	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1997	Turbine Delivery Route Option 2	Cork	49200	TDR 25m intervals	567448.27	572603.94	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3209.09	No	No	No	No	No	Tile_20	ELEVATED RISK Within SW Buffer Zone
1998	Turbine Delivery Route Option 2	Cork	49225	TDR 25m intervals	567436.67	572626.08	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3229.99	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
1999	Turbine Delivery Route Option 2	Cork	49250	TDR 25m intervals	567426.81	572648.69	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3249.65	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2000	Turbine Delivery Route Option 2	Cork		TDR_WCC_228	567428.33	572651.09	WCC		Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3249.65	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2001	Turbine Delivery Route Option 2	Cork	49275	TDR 25m intervals	567425.86	572673.68	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3262.82	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2002	Turbine Delivery Route Option 2	Cork	49300	TDR 25m intervals	567424.91	572698.66	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3276.13	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2003	Turbine Delivery Route Option 2	Cork	49325	TDR 25m intervals	567423.96	572723.64	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3289.58	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2004	Turbine Delivery Route Option 2	Cork	49350	TDR 25m intervals	567423.02	572748.62	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3303.16	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2005	Turbine Delivery Route Option 2	Cork	49375	TDR 25m intervals	567422.07	572773.60	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3316.87	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2006	Turbine Delivery Route Option 2	Cork	49400	TDR 25m intervals	567421.12	572798.59	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3330.72	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2007	Turbine Delivery Route Option 2	Cork	49425	TDR 25m intervals	567420.17	572823.57	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3344.69	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2008	Turbine Delivery Route Option 2	Cork	49450	TDR 25m intervals	567419.22	572848.55	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3358.79	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2009	Turbine Delivery Route Option 2	Cork	49475	TDR 25m intervals	567418.27	572873.53	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3373.02	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2010	Turbine Delivery Route Option 2	Cork	49500	TDR 25m intervals	567417.32	572898.52	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3387.38	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2011	Turbine Delivery Route Option 2	Cork	49525	TDR 25m intervals	567416.37	572923.50	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3401.85	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2012	Turbine Delivery Route Option 2	Cork	49550	TDR 25m intervals	567415.42	572948.48	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3416.45	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2013	Turbine Delivery Route Option 2	Cork	49575	TDR 25m intervals	567414.47	572973.46	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3431.17	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2014	Turbine Delivery Route Option 2	Cork	49600	TDR 25m intervals	567413.52	572998.44	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3446.01	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2015	Turbine Delivery Route Option 2	Cork	49625	TDR 25m intervals	567419.62	573022.58	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3454.69	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2016	Turbine Delivery Route Option 2	Cork	49650	TDR 25m intervals	567426.46	573046.63	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3462.87	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2017	Turbine Delivery Route Option 2	Cork	49675	TDR 25m intervals	567433.30	573070.67	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3471.21	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2018	Turbine Delivery Route Option 2	Cork	49700	TDR 25m intervals	567440.14	573094.72	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3479.71	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2019	Turbine Delivery Route Option 2	Cork	49725	TDR 25m intervals	567446.97	573118.76	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3488.37	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2020	Turbine Delivery Route Option 2	Cork	49750	TDR 25m intervals	567453.81	573142.81	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3497.19	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2021	Turbine Delivery Route Option 2	Cork	49775	TDR 25m intervals	567459.85	573167.06	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3506.92	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2022	Turbine Delivery Route Option 2	Cork	49800	TDR 25m intervals	567465.08	573191.50	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3517.57	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2023	Turbine Delivery Route Option 2	Cork	49825	TDR 25m intervals	567470.30	573215.95	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3528.37	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2024	Turbine Delivery Route Option 2	Cork	49850	TDR 25m intervals	567475.53	573240.40	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3539.31	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2025	Turbine Delivery Route Option 2	Cork	49875	TDR 25m intervals	567480.76	573264.85	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3550.39	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2026	Turbine Delivery Route Option 2	Cork	49900	TDR 25m intervals	567485.98	573289.30	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3561.61	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2027	Turbine Delivery Route Option 2	Cork		TDR_WCC_227	567491.04	573294.97	WCC		Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3561.61	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2028	Turbine Delivery Route Option 2	Cork	49925	TDR 25m intervals	567496.72	573311.66	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3567.39	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2029	Turbine Delivery Route Option 2	Cork	49950	TDR 25m intervals	567508.98	573333.45	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3571.79	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2030	Turbine Delivery Route Option 2	Cork	49975	TDR 25m intervals	567521.23	573355.24	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3576.37	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2031	Turbine Delivery Route Option 2	Cork	50000	TDR 25m intervals	567533.49	573377.03	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3581.11	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2032	Turbine Delivery Route Option 2	Cork	50025	TDR 25m intervals	567545.74	573398.82	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3586.02	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2033	Turbine Delivery Route Option 2	Cork	50050	TDR 25m intervals	567558.00	573420.61	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3591.10	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2034	Turbine Delivery Route Option 2	Cork	50075	TDR 25m intervals	567570.25	573442.40	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3596.34	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2035	Turbine Delivery Route Option 2	Cork		TDR_WCC_226	567572.57	573447.57	WCC		Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3596.34	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2036	Turbine Delivery Route Option 2	Cork	50100	TDR 25m intervals	567568.21	573466.77	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3614.10	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2037	Turbine Delivery Route Option 2	Cork	50125	TDR 25m intervals	571382.64	569645.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1802.16	No	No	No	No	No	Tile_18	NA
2038	Turbine Delivery Route Option 2	Cork	50150	TDR 25m intervals	571363.09	569661.20	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1777.78	No	No	No	No	No	Tile_18	NA
2039	Turbine Delivery Route Option 2	Cork	50175	TDR 25m intervals	571343.54	569676.78	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1753.42	No	No	No	No	No	Tile_18	NA
2040	Turbine Delivery Route Option 2	Cork	50200	TDR 25m intervals	571323.99	569692.36	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1729.08	No	No	No	No	No	Tile_18	NA
2041	Turbine Delivery Route Option 2	Cork	50225	TDR 25m intervals	571304.44	569707.95	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1704.76	No	No	No	No	No	Tile_18	NA
2042	Turbine Delivery Route Option 2	Cork	50250	TDR 25m intervals	571284.89	569723.53	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1680.45	No	No	No	No	No	Tile_18	NA
2043	Turbine Delivery Route Option 2	Cork	50275	TDR 25m intervals	571265.51	569739.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1597.38	No	No	No	No	No	Tile_18	NA
2044	Turbine Delivery Route Option 2	Cork	50300	TDR 25m intervals	571265.51	569764.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1597.38	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2045	Turbine Delivery Route Option 2	Cork	50325	TDR 25m intervals	571265.51	569789.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1597.38	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2046	Turbine Delivery Route Option 2	Cork	50350	TDR 25m intervals	571265.51	569814.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1597.38	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2047	Turbine Delivery Route Option 2	Cork	50375	TDR 25m intervals	571277.09	569836.14	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Rkd) Regionally Impo	NA	NA	1587.84	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2048	Turbine Delivery Route Option 2	Cork	50400	TDR 25m intervals	571289.43	569857.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1579.29	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2049	Turbine Delivery Route Option 2	Cork	50425	TDR 25m intervals	571307.24	569873.72	NA	NA	No	NA			Water	NA	()	NA	NA	1579.13	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2050	Turbine Delivery Route Option 2	Cork	50450	TDR 25m intervals	571329.85	569884.40	NA	NA	No	NA			Water	NA	()	NA	NA	1586.39	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2051	Turbine Delivery Route Option 2	Cork	50475	TDR 25m intervals	571352.45	569895.07	NA	NA	No	NA			Water	NA	()	NA	NA	1594.01	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_18	ELEVATED RISK Within Cork Harbour SPA
2052	Turbine Delivery Route Option 2	Cork	50500	TDR 25m intervals	571375.06	569905.74	NA	NA	No	NA			Water	NA	()	NA	NA	1601.98	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_18	ELEVATED RISK Within Cork Harbour SPA
2053	Turbine Delivery Route Option 2	Cork	50525	TDR 25m intervals	571397.67	569916.41	NA	NA	No	NA			Water	NA	()	NA	NA	1610.30	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_18	ELEVATED RISK Within Cork Harbour SPA
2054	Turbine Delivery Route Option 2	Cork	50550	TDR 25m intervals	571420.25	569927.13	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1618.91	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2055	Turbine Delivery Route Option 2	Cork	50575	TDR 25m intervals	571441.75	569939.89	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1625.68	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2056	Turbine Delivery Route Option 2	Cork	50600	TDR 25m intervals	571463.25	569952.65	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1632.79	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2057	Turbine Delivery Route Option 2	Cork	50625	TDR 25m intervals	571484.75	569965.41	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1640.26	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2058	Turbine Delivery Route Option 2	Cork	50650	TDR 25m intervals	571506.25	569978.17	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1648.08	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2059	Turbine Delivery Route Option 2	Cork	50675	TDR 25m intervals	571527.75	569990.93	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1656.23	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2060	Turbine Delivery Route Option 2	Cork	50700	TDR 25m intervals	571549.25	570003.69	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1664.72	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2061	Turbine Delivery Route Option 2	Cork	50725	TDR 25m intervals	571571.36	570015.12	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1674.85	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2062	Turbine Delivery Route Option 2	Cork	50750	TDR 25m intervals	571594.96	570023.38	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1688.39	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2063	Turbine Delivery Route Option 2	Cork	50775	TDR 25m intervals	571618.55	570031.65	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1702.18	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2064	Turbine Delivery Route Option 2	Cork	50800	TDR 25m intervals	571642.15	570039.92	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1716.23	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2065	Turbine Delivery Route Option 2	Cork	50825	TDR 25m intervals	571665.74	570048.18	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1730.53	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2066	Turbine Delivery Route Option 2	Cork	50850	TDR 25m intervals	571689.33	570056.45	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1745.07	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2067	Turbine Delivery Route Option 2	Cork	50875	TDR 25m intervals	571712.93	570064.72	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1759.84	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2068	Turbine Delivery Route Option 2	Cork	50900	TDR 25m intervals	571736.82	570071.88	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1775.70	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2069	Turbine Delivery Route Option 2	Cork	50925	TDR 25m intervals	571761.31	570076.90	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1793.44	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2070	Turbine Delivery Route Option 2	Cork	50950	TDR 25m intervals	571785.81	570081.93	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1811.34	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2071	Turbine Delivery Route Option 2	Cork	50975	TDR 25m intervals	571810.30	570086.95	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1829.42	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2072	Turbine Delivery Route Option 2	Cork	51000	TDR 25m intervals	571834.79	570091.97	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1847.65	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2073	Turbine Delivery Route Option 2	Cork	51025	TDR 25m intervals	571859.28	570096.99	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1866.04	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2074	Turbine Delivery Route Option 2	Cork	51050	TDR 25m intervals	571883.77	570102.01	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1884.59	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2075	Turbine Delivery Route Option 2	Cork	51075	TDR 25m intervals	571908.26	570107.03	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1903.28	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2076	Turbine Delivery Route Option 2	Cork	51100	TDR 25m intervals	571932.75	570112.05	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1922.11	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2077	Turbine Delivery Route Option 2	Cork	51125	TDR 25m intervals	571957.24	570117.07	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1941.09	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2078	Turbine Delivery Route Option 2	Cork	51150	TDR 25m intervals	571981.73	570122.09	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1960.19	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2079	Turbine Delivery Route Option 2	Cork	51175	TDR 25m intervals	572006.22	570127.11	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	1979.44	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2080	Turbine Delivery Route Option 2	Cork	51200	TDR 25m intervals	572030.71	570132.13	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	1998.80	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2081	Turbine Delivery Route Option 2	Cork	51225	TDR 25m intervals	572055.20	570137.16	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2018.30	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2082	Turbine Delivery Route Option 2	Cork	51250	TDR 25m intervals	572079.69	570142.18	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2037.91	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2083	Turbine Delivery Route Option 2	Cork	51275	TDR 25m intervals	572104.18	570147.20	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2057.64	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Within Cork Harbour SPA Buffer
2084	Turbine Delivery Route Option 2	Cork	51300	TDR 25m intervals	572128.67	570152.22	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2077.48	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2085	Turbine Delivery Route Option 2	Cork	51325	TDR 25m intervals	572153.16	570157.24	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2097.43	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2086	Turbine Delivery Route Option 2	Cork	51350	TDR 25m intervals	572177.66	570162.26	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2117.50	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2087	Turbine Delivery Route Option 2	Cork	51375	TDR 25m intervals	572202.15	570167.28	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2137.66	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2088	Turbine Delivery Route Option 2	Cork	51400	TDR 25m intervals	572226.64	570172.30	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2157.93	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2089	Turbine Delivery Route Option 2	Cork	51425	TDR 25m intervals	572251.13	570177.32	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2178.29	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2090	Turbine Delivery Route Option 2	Cork	51450	TDR 25m intervals	572275.62	570182.34	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2198.75	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2091	Turbine Delivery Route Option 2	Cork	51475	TDR 25m intervals	572300.11	570187.36	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2219.30	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2092	Turbine Delivery Route Option 2	Cork	51500	TDR 25m intervals	572324.60	570192.38	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2239.95	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2093	Turbine Delivery Route Option 2	Cork	51525	TDR 25m intervals	572349.11	570197.31	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2260.73	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2094	Turbine Delivery Route Option 2	Cork	51550	TDR 25m intervals	572373.62	570202.25	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2281.60	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2095	Turbine Delivery Route Option 2	Cork	51575	TDR 25m intervals	572398.12	570207.19	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2302.55	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2096	Turbine Delivery Route Option 2	Cork	51600	TDR 25m intervals	572422.63	570212.12	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2323.57	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2097	Turbine Delivery Route Option 2	Cork	51625	TDR 25m intervals	572447.14	570217.06	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2344.68	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2098	Turbine Delivery Route Option 2	Cork	51650	TDR 25m intervals	572471.65	570222.00	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2365.86	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2099	Turbine Delivery Route Option 2	Cork	51675	TDR 25m intervals	572496.16	570226.93	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2387.11	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2100	Turbine Delivery Route Option 2	Cork	51700	TDR 25m intervals	572520.66	570231.87	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2408.44	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2101	Turbine Delivery Route Option 2	Cork	51725	TDR 25m intervals	572545.17	570236.81	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2429.84	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2102	Turbine Delivery Route Option 2	Cork	51750	TDR 25m intervals	572569.68	570241.74	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2451.30	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2103	Turbine Delivery Route Option 2	Cork	51775	TDR 25m intervals	572594.19	570246.68	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2472.84	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2104	Turbine Delivery Route Option 2	Cork	51800	TDR 25m intervals	572618.69	570251.62	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2494.43	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2105	Turbine Delivery Route Option 2	Cork	51825	TDR 25m intervals	572643.20	570256.55	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2516.09	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2106	Turbine Delivery Route Option 2	Cork	51850	TDR 25m intervals	572667.71	570261.49	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2537.81	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2107	Turbine Delivery Route Option 2	Cork	51875	TDR 25m intervals	572690.77	570270.14	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2557.08	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2108	Turbine Delivery Route Option 2	Cork	51900	TDR 25m intervals	572712.14	570283.10	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2573.53	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2109	Turbine Delivery Route Option 2	Cork	51925	TDR 25m intervals	572733.52	570296.07	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2590.13	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2110	Turbine Delivery Route Option 2	Cork	51950	TDR 25m intervals	572754.90	570309.03	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2606.86	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2111	Turbine Delivery Route Option 2	Cork	51975	TDR 25m intervals	572776.28	570321.99	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2623.72	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2112	Turbine Delivery Route Option 2	Cork	52000	TDR 25m intervals	572797.66	570334.95	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2640.71	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2113	Turbine Delivery Route Option 2	Cork	52025	TDR 25m intervals	572819.03	570347.91	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2657.83	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2114	Turbine Delivery Route Option 2	Cork	52050	TDR 25m intervals	572840.41	570360.87	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2675.07	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2115	Turbine Delivery Route Option 2	Cork	52075	TDR 25m intervals	572861.79	570373.83	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2692.43	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2116	Turbine Delivery Route Option 2	Cork	52100	TDR 25m intervals	572882.79	570387.21	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2709.45	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2117	Turbine Delivery Route Option 2	Cork	52125	TDR 25m intervals	572897.93	570407.11	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2719.34	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2118	Turbine Delivery Route Option 2	Cork	52150	TDR 25m intervals	572913.06	570427.01	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2729.42	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2119	Turbine Delivery Route Option 2	Cork	52175	TDR 25m intervals	572928.20	570446.90	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2739.69	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2120	Turbine Delivery Route Option 2	Cork	52200	TDR 25m intervals	572943.34	570466.80	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2750.15	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2121	Turbine Delivery Route Option 2	Cork	52225	TDR 25m intervals	572958.48	570486.69	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2760.80	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2122	Turbine Delivery Route Option 2	Cork	52250	TDR 25m intervals	572973.61	570506.59	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2771.63	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2123	Turbine Delivery Route Option 2	Cork	52275	TDR 25m intervals	572988.75	570526.49	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2782.65	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2124	Turbine Delivery Route Option 2	Cork	52300	TDR 25m intervals	573003.89	570546.38	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2793.84	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2125	Turbine Delivery Route Option 2	Cork	52325	TDR 25m intervals	573019.03	570566.28	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2805.22	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2126	Turbine Delivery Route Option 2	Cork	52350	TDR 25m intervals	573029.19	570589.01	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2811.39	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2127	Turbine Delivery Route Option 2	Cork	52375	TDR 25m intervals	573038.63	570612.17	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2816.99	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2128	Turbine Delivery Route Option 2	Cork	52400	TDR 25m intervals	573048.06	570635.32	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2822.79	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2129	Turbine Delivery Route Option 2	Cork	52425	TDR 25m intervals	573057.50	570658.47	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2828.81	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2130	Turbine Delivery Route Option 2	Cork	52450	TDR 25m intervals	573066.93	570681.62	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2835.03	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2131	Turbine Delivery Route Option 2	Cork	52475	TDR 25m intervals	573076.37	570704.77	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2841.46	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2132	Turbine Delivery Route Option 2	Cork	52500	TDR 25m intervals	573085.80	570727.92	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2848.10	No	No	No	No	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2133	Turbine Delivery Route Option 2	Cork	52525	TDR 25m intervals	573095.24	570751.07	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2854.93	No	No	No	Cork Harbour SPA	No	Tile_18	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2134	Turbine Delivery Route Option 2	Cork	52550	TDR 25m intervals	573103.10	570774.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2135	Turbine Delivery Route Option 2	Cork	52575	TDR 25m intervals	573103.10	570799.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse) Within Cork Harbour SPA Buffer
2136	Turbine Delivery Route Option 2	Cork	52600	TDR 25m intervals	573103.10	570824.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2137	Turbine Delivery Route Option 2	Cork	52625	TDR 25m intervals	573103.10	570849.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2138	Turbine Delivery Route Option 2	Cork	52650	TDR 25m intervals	573103.10	570874.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2139	Turbine Delivery Route Option 2	Cork	52675	TDR 25m intervals	573103.10	570899.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2140	Turbine Delivery Route Option 2	Cork	52700	TDR 25m intervals	573103.10	570924.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2141	Turbine Delivery Route Option 2	Cork	52725	TDR 25m intervals	573103.10	570949.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2142	Turbine Delivery Route Option 2	Cork	52750	TDR 25m intervals	573103.10	570974.53	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2847.91	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2143	Turbine Delivery Route Option 2	Cork	52775	TDR 25m intervals	573097.89	570998.89	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2842.14	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2144	Turbine Delivery Route Option 2	Cork	52800	TDR 25m intervals	573091.85	571023.15	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2835.75	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2145	Turbine Delivery Route Option 2	Cork	52825	TDR 25m intervals	573085.82	571047.42	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2829.57	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2146	Turbine Delivery Route Option 2	Cork	52850	TDR 25m intervals	573079.79	571071.68	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2823.60	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2147	Turbine Delivery Route Option 2	Cork	52875	TDR 25m intervals	573073.75	571095.94	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(Rkd) Regionally Impo	NA	NA	2817.83	No	No	No	No	No	Tile_17	ELEVATED RISK Regionally Important Aquifer - Karstified (diffuse)
2148	Turbine Delivery Route Option 2	Cork	52900	TDR 25m intervals	573067.72	571120.20	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2812.28	No	No	No	No	No	Tile_17	NA
2149	Turbine Delivery Route Option 2	Cork	52925	TDR 25m intervals	573061.69	571144.46	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2806.94	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2150	Turbine Delivery Route Option 2	Cork	52950	TDR 25m intervals	573055.65	571168.72	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2801.81	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2151	Turbine Delivery Route Option 2	Cork	52975	TDR 25m intervals	573047.11	571192.06	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2794.35	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2152	Turbine Delivery Route Option 2	Cork	53000	TDR 25m intervals	573035.99	571214.45	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2784.45	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2153	Turbine Delivery Route Option 2	Cork	53025	TDR 25m intervals	573024.87	571236.84	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2774.75	No	No	No	No	No	Tile_17	NA
2154	Turbine Delivery Route Option 2	Cork	53050	TDR 25m intervals	573013.75	571259.23	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2765.23	No	No	No	No	No	Tile_17	NA
2155	Turbine Delivery Route Option 2	Cork	53075	TDR 25m intervals	573002.63	571281.62	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2755.92	No	No	No	No	No	Tile_17	NA
2156	Turbine Delivery Route Option 2	Cork	53100	TDR 25m intervals	572991.51	571304.01	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2746.79	No	No	No	No	No	Tile_17	NA
2157	Turbine Delivery Route Option 2	Cork	53125	TDR 25m intervals	572980.39	571326.40	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2737.87	No	No	No	No	No	Tile_17	NA
2158	Turbine Delivery Route Option 2	Cork	53150	TDR 25m intervals	572970.36	571349.23	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2730.27	No	No	No	No	No	Tile_17	NA
2159	Turbine Delivery Route Option 2	Cork	53175	TDR 25m intervals	572962.98	571373.12	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2725.65	No	No	No	No	No	Tile_17	NA
2160	Turbine Delivery Route Option 2	Cork	53200	TDR 25m intervals	572955.61	571397.00	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2721.25	No	No	No	No	No	Tile_17	NA
2161	Turbine Delivery Route Option 2	Cork	53225	TDR 25m intervals	572948.24	571420.89	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2717.08	No	No	No	No	No	Tile_17	NA
2162	Turbine Delivery Route Option 2	Cork	53250	TDR 25m intervals	572940.87	571444.78	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2713.12	No	No	No	No	No	Tile_17	NA
2163	Turbine Delivery Route Option 2	Cork	53275	TDR 25m intervals	572933.49	571468.67	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2709.39	No	No	No	No	No	Tile_17	NA
2164	Turbine Delivery Route Option 2	Cork	53300	TDR 25m intervals	572926.12	571492.56	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2705.89	No	No	No	No	No	Tile_17	NA
2165	Turbine Delivery Route Option 2	Cork	53325	TDR 25m intervals	572918.75	571516.44	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2702.62	No	No	No	No	No	Tile_17	NA
2166	Turbine Delivery Route Option 2	Cork	53350	TDR 25m intervals	572913.44	571540.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2167	Turbine Delivery Route Option 2	Cork	53375	TDR 25m intervals	572913.44	571565.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2168	Turbine Delivery Route Option 2	Cork	53400	TDR 25m intervals	572913.44	571590.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2169	Turbine Delivery Route Option 2	Cork	53425	TDR 25m intervals	572913.44	571615.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
2170	Turbine Delivery Route Option 2	Cork	53450	TDR 25m intervals	572913.44	571640.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2171	Turbine Delivery Route Option 2	Cork	53475	TDR 25m intervals	572913.44	571665.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2172	Turbine Delivery Route Option 2	Cork	53500	TDR 25m intervals	572913.44	571690.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2173	Turbine Delivery Route Option 2	Cork	53525	TDR 25m intervals	572913.44	571715.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2174	Turbine Delivery Route Option 2	Cork	53550	TDR 25m intervals	572913.44	571740.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2744.87	No	No	No	No	No	Tile_17	NA
2175	Turbine Delivery Route Option 2	Cork	53575	TDR 25m intervals	572919.69	571764.43	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2756.98	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2176	Turbine Delivery Route Option 2	Cork	53600	TDR 25m intervals	572929.01	571787.64	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2772.04	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2177	Turbine Delivery Route Option 2	Cork	53625	TDR 25m intervals	572938.32	571810.83	NA	NA	No	NA	GLASHEEN (Cork City)_010	Glasheen[Corkcity]_SC_010	Water	NA	()	NA	NA	2787.25	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2178	Turbine Delivery Route Option 2	Cork	53650	TDR 25m intervals	572947.63	571834.04	NA	NA	No	NA			Water	NA	()	NA	NA	2802.60	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2179	Turbine Delivery Route Option 2	Cork	53675	TDR 25m intervals	572956.94	571857.24	NA	NA	No	NA			Water	NA	()	NA	NA	2818.09	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2180	Turbine Delivery Route Option 2	Cork	53700	TDR 25m intervals	572966.26	571880.44	NA	NA	No	NA			Water	NA	()	NA	NA	2833.71	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2181	Turbine Delivery Route Option 2	Cork	53725	TDR 25m intervals	572975.57	571903.64	NA	NA	No	NA			Water	NA	()	NA	NA	2849.46	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2182	Turbine Delivery Route Option 2	Cork	53750	TDR 25m intervals	572984.88	571926.84	NA	NA	No	NA			Water	NA	()	NA	NA	2865.35	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2183	Turbine Delivery Route Option 2	Cork	53775	TDR 25m intervals	572994.20	571950.04	NA	NA	No	NA			Water	NA	()	NA	NA	2881.37	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2184	Turbine Delivery Route Option 2	Cork	53800	TDR 25m intervals	573003.51	571973.24	NA	NA	No	NA			Water	NA	()	NA	NA	2897.51	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2185	Turbine Delivery Route Option 2	Cork	53825	TDR 25m intervals	573012.82	571996.44	NA	NA	No	NA			Water	NA	()	NA	NA	2913.78	No	No	No	No	No	Tile_17	NA
2186	Turbine Delivery Route Option 2	Cork	53850	TDR 25m intervals	573022.14	572019.64	NA	NA	No	NA			Water	NA	()	NA	NA	2930.18	No	No	No	No	No	Tile_17	NA
2187	Turbine Delivery Route Option 2	Cork	53875	TDR 25m intervals	573031.45	572042.84	NA	NA	No	NA			Water	NA	()	NA	NA	2946.69	No	No	No	No	No	Tile_17	NA
2188	Turbine Delivery Route Option 2	Cork	53900	TDR 25m intervals	573040.76	572066.04	NA	NA	No	NA			Water	NA	()	NA	NA	2963.32	No	No	No	No	No	Tile_17	NA
2189	Turbine Delivery Route Option 2	Cork	53925	TDR 25m intervals	573050.07	572089.24	NA	NA	No	NA			Water	NA	()	NA	NA	2980.07	No	No	No	No	No	Tile_17	NA
2190	Turbine Delivery Route Option 2	Cork	53950	TDR 25m intervals	573059.39	572112.44	NA	NA	No	NA			Water	NA	()	NA	NA	2996.93	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2191	Turbine Delivery Route Option 2	Cork	53975	TDR 25m intervals	573068.70	572135.65	NA	NA	No	NA			Water	NA	()	NA	NA	3013.91	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2192	Turbine Delivery Route Option 2	Cork	54000	TDR 25m intervals	573078.01	572158.84	NA	NA	No	NA			Water	NA	()	NA	NA	3031.00	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2193	Turbine Delivery Route Option 2	Cork	54025	TDR 25m intervals	573087.32	572182.05	NA	NA	No	NA			Water	NA	()	NA	NA	3048.20	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2194	Turbine Delivery Route Option 2	Cork	54050	TDR 25m intervals	573096.64	572205.25	NA	NA	No	NA			Water	NA	()	NA	NA	3065.50	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2195	Turbine Delivery Route Option 2	Cork	54075	TDR 25m intervals	573105.95	572228.45	NA	NA	No	NA			Water	NA	()	NA	NA	3082.91	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2196	Turbine Delivery Route Option 2	Cork	54100	TDR 25m intervals	573115.26	572251.65	NA	NA	No	NA			Water	NA	()	NA	NA	3100.43	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2197	Turbine Delivery Route Option 2	Cork	54125	TDR 25m intervals	573124.58	572274.85	NA	NA	No	NA			Water	NA	()	NA	NA	3118.05	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2198	Turbine Delivery Route Option 2	Cork	54150	TDR 25m intervals	573133.89	572298.05	NA	NA	No	NA			Water	NA	()	NA	NA	3135.76	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2199	Turbine Delivery Route Option 2	Cork	54175	TDR 25m intervals	573146.48	572319.38	NA	NA	No	NA			Water	NA	()	NA	NA	3155.83	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2200	Turbine Delivery Route Option 2	Cork	54200	TDR 25m intervals	573161.74	572339.18	NA	NA	No	NA			Water	NA	()	NA	NA	3177.78	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2201	Turbine Delivery Route Option 2	Cork	54225	TDR 25m intervals	573176.99	572358.99	NA	NA	No	NA			Water	NA	()	NA	NA	3199.78	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2202	Turbine Delivery Route Option 2	Cork	54250	TDR 25m intervals	573192.25	572378.79	NA	NA	No	NA			Water	NA	()	NA	NA	3221.82	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2203	Turbine Delivery Route Option 2	Cork	54275	TDR 25m intervals	573207.51	572398.60	NA	NA	No	NA			Water	NA	()	NA	NA	3243.90	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2204	Turbine Delivery Route Option 2	Cork	54300	TDR 25m intervals	573222.76	572418.40	NA	NA	No	NA			Water	NA	()	NA	NA	3266.03	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2205	Turbine Delivery Route Option 2	Cork	54325	TDR 25m intervals	573238.02	572438.21	NA	NA	No	NA			Water	NA	()	NA	NA	3288.19	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2206	Turbine Delivery Route Option 2	Cork	54350	TDR 25m intervals	573253.28	572458.01	NA	NA	No	NA			Water	NA	()	NA	NA	3310.40	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2207	Turbine Delivery Route Option 2	Cork	54375	TDR 25m intervals	573268.53	572477.82	NA	NA	No	NA			Water	NA	()	NA	NA	3332.65	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2208	Turbine Delivery Route Option 2	Cork	54400	TDR 25m intervals	573269.64	572500.92	NA	NA	No	NA			Water	NA	()	NA	NA	3343.60	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2209	Turbine Delivery Route Option 2	Cork	54425	TDR 25m intervals	573261.57	572523.82	NA	NA	No	NA			Water	NA	()	NA	NA	3346.34	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2210	Turbine Delivery Route Option 2	Cork	54450	TDR 25m intervals	573244.58	572542.16	NA	NA	No	NA			Water	NA	()	NA	NA	3339.23	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2211	Turbine Delivery Route Option 2	Cork	54475	TDR 25m intervals	573224.51	572556.97	NA	NA	No	NA			Water	NA	()	NA	NA	3327.94	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2212	Turbine Delivery Route Option 2	Cork	54500	TDR 25m intervals	573204.02	572571.29	NA	NA	No	NA			Water	NA	()	NA	NA	3316.22	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2213	Turbine Delivery Route Option 2	Cork	54525	TDR 25m intervals	573183.54	572585.62	NA	NA	No	NA			Water	NA	()	NA	NA	3304.64	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2214	Turbine Delivery Route Option 2	Cork	54550	TDR 25m intervals	573163.05	572599.95	NA	NA	No	NA			Water	NA	()	NA	NA	3293.21	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2215	Turbine Delivery Route Option 2	Cork	54575	TDR 25m intervals	573142.56	572614.27	NA	NA	No	NA			Water	NA	()	NA	NA	3281.94	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2216	Turbine Delivery Route Option 2	Cork	54600	TDR 25m intervals	573122.07	572628.60	NA	NA	No	NA			Water	NA	()	NA	NA	3270.81	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2217	Turbine Delivery Route Option 2	Cork	54625	TDR 25m intervals	573101.58	572642.93	NA	NA	No	NA			Water	NA	()	NA	NA	3259.84	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2218	Turbine Delivery Route Option 2	Cork	54650	TDR 25m intervals	573081.10	572657.25	NA	NA	No	NA			Water	NA	()	NA	NA	3249.03	No	No	No	No	No	Tile_17	NA
2219	Turbine Delivery Route Option 2	Cork	54675	TDR 25m intervals	573059.84	572670.29	NA	NA	No	NA			Water	NA	()	NA	NA	3237.06	No	No	No	No	No	Tile_17	NA
2220	Turbine Delivery Route Option 2	Cork	54700	TDR 25m intervals	573037.50	572681.52	NA	NA	No	NA			Water	NA	()	NA	NA	3223.39	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2221	Turbine Delivery Route Option 2	Cork	54725	TDR 25m intervals	573015.16	572692.74	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	Water	NA	()	NA	NA	3209.86	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2222	Turbine Delivery Route Option 2	Cork	54750	TDR 25m intervals	572992.82	572703.97	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3196.46	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2223	Turbine Delivery Route Option 2	Cork	54775	TDR 25m intervals	572970.49	572715.19	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3183.21	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2224	Turbine Delivery Route Option 2	Cork	54800	TDR 25m intervals	572948.15	572726.42	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3170.10	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2225	Turbine Delivery Route Option 2	Cork	54825	TDR 25m intervals	572925.81	572737.65	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3157.13	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2226	Turbine Delivery Route Option 2	Cork	54850	TDR 25m intervals	572902.01	572744.71	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3140.82	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
2227	Turbine Delivery Route Option 2	Cork	54875	TDR 25m intervals	572877.56	572749.94	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3123.10	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2228	Turbine Delivery Route Option 2	Cork	54900	TDR 25m intervals	572853.12	572755.18	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3105.48	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2229	Turbine Delivery Route Option 2	Cork	54925	TDR 25m intervals	572828.67	572760.42	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3087.95	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2230	Turbine Delivery Route Option 2	Cork	54950	TDR 25m intervals	572804.23	572765.65	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3070.53	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2231	Turbine Delivery Route Option 2	Cork	54975	TDR 25m intervals	572779.48	572768.03	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3051.37	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2232	Turbine Delivery Route Option 2	Cork	55000	TDR 25m intervals	572754.48	572768.03	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	Water	NA	()	NA	NA	3030.72	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2233	Turbine Delivery Route Option 2	Cork	55025	TDR 25m intervals	572729.48	572768.03	NA	NA	No	NA			Water	NA	()	NA	NA	3010.14	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2234	Turbine Delivery Route Option 2	Cork	55050	TDR 25m intervals	572704.48	572768.03	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	Water	NA	()	NA	NA	2989.64	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2235	Turbine Delivery Route Option 2	Cork	55075	TDR 25m intervals	572679.48	572768.03	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2969.19	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2236	Turbine Delivery Route Option 2	Cork	55100	TDR 25m intervals	572656.26	572760.76	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2946.05	Yes	No	No	No	No	Tile_17	ELEVATED RISK Within GW Buffer Zone
2237	Turbine Delivery Route Option 2	Cork	55125	TDR 25m intervals	572634.03	572749.59	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2921.46	No	No	No	No	No	Tile_17	NA
2238	Turbine Delivery Route Option 2	Cork	55150	TDR 25m intervals	572609.31	572753.29	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2903.53	No	No	No	No	No	Tile_17	NA
2239	Turbine Delivery Route Option 2	Cork	55175	TDR 25m intervals	572584.58	572756.98	NA	NA	No	NA	GLASHABOY (LOUGH MAHO	Glashaboy[L.Mahon]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2885.71	No	No	No	No	No	Tile_17	NA
2240	Turbine Delivery Route Option 2	Cork	55200	TDR 25m intervals	572560.06	572752.15	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2863.09	No	No	No	No	No	Tile_17	NA
2241	Turbine Delivery Route Option 2	Cork	55225	TDR 25m intervals	572535.55	572747.24	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2840.47	No	No	No	No	No	Tile_17	NA
2242	Turbine Delivery Route Option 2	Cork	55250	TDR 25m intervals	572511.04	572742.33	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2817.88	No	No	No	No	No	Tile_17	NA
2243	Turbine Delivery Route Option 2	Cork	55275	TDR 25m intervals	572486.53	572737.42	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2795.34	No	No	No	No	No	Tile_17	NA
2244	Turbine Delivery Route Option 2	Cork	55300	TDR 25m intervals	572462.01	572732.50	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2772.84	No	No	No	No	No	Tile_17	NA
2245	Turbine Delivery Route Option 2	Cork	55325	TDR 25m intervals	572437.50	572727.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2750.38	No	No	No	No	No	Tile_17	NA
2246	Turbine Delivery Route Option 2	Cork	55350	TDR 25m intervals	572412.99	572722.68	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2727.97	No	No	No	No	No	Tile_17	NA
2247	Turbine Delivery Route Option 2	Cork	55375	TDR 25m intervals	572388.47	572717.77	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2705.60	No	No	No	No	No	Tile_17	NA
2248	Turbine Delivery Route Option 2	Cork	55400	TDR 25m intervals	572363.96	572712.86	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2683.28	No	No	No	No	No	Tile_17	NA
2249	Turbine Delivery Route Option 2	Cork	55425	TDR 25m intervals	572339.45	572707.95	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2661.01	No	No	No	No	No	Tile_17	NA
2250	Turbine Delivery Route Option 2	Cork	55450	TDR 25m intervals	572314.94	572703.04	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2638.79	No	No	No	No	No	Tile_17	NA
2251	Turbine Delivery Route Option 2	Cork	55475	TDR 25m intervals	572290.42	572698.13	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2616.61	No	No	No	No	No	Tile_17	NA
2252	Turbine Delivery Route Option 2	Cork	55500	TDR 25m intervals	572265.91	572693.21	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2594.49	No	No	No	No	No	Tile_17	NA
2253	Turbine Delivery Route Option 2	Cork	55525	TDR 25m intervals	572241.24	572689.21	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2572.88	No	No	No	No	No	Tile_17	NA
2254	Turbine Delivery Route Option 2	Cork	55550	TDR 25m intervals	572216.49	572685.68	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2551.57	No	No	No	No	No	Tile_17	NA
2255	Turbine Delivery Route Option 2	Cork	55575	TDR 25m intervals	572191.74	572682.15	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2530.33	No	No	No	No	No	Tile_17	NA
2256	Turbine Delivery Route Option 2	Cork	55600	TDR 25m intervals	572166.99	572678.63	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2509.16	No	No	No	No	No	Tile_17	NA
2257	Turbine Delivery Route Option 2	Cork	55625	TDR 25m intervals	572142.24	572675.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2488.05	No	No	No	No	No	Tile_17	NA
2258	Turbine Delivery Route Option 2	Cork	55650	TDR 25m intervals	572117.49	572671.57	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2467.03	No	No	No	No	No	Tile_17	NA
2259	Turbine Delivery Route Option 2	Cork	55675	TDR 25m intervals	572092.74	572668.04	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2446.07	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2260	Turbine Delivery Route Option 2	Cork	55700	TDR 25m intervals	572067.99	572664.51	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2425.20	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2261	Turbine Delivery Route Option 2	Cork	55725	TDR 25m intervals	572043.24	572660.98	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2404.40	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2262	Turbine Delivery Route Option 2	Cork	55750	TDR 25m intervals	572018.49	572657.45	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2383.68	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2263	Turbine Delivery Route Option 2	Cork	55775	TDR 25m intervals	571993.74	572653.92	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2363.05	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2264	Turbine Delivery Route Option 2	Cork	55800	TDR 25m intervals	571969.00	572650.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2342.50	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2265	Turbine Delivery Route Option 2	Cork	55825	TDR 25m intervals	571944.25	572646.86	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2322.04	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2266	Turbine Delivery Route Option 2	Cork	55850	TDR 25m intervals	571919.50	572643.33	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2301.67	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2267	Turbine Delivery Route Option 2	Cork	55875	TDR 25m intervals	571894.75	572639.81	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2281.39	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_17	ELEVATED RISK Within Cork Harbour SPA
2268	Turbine Delivery Route Option 2	Cork	55900	TDR 25m intervals	571870.14	572635.47	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2260.74	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2269	Turbine Delivery Route Option 2	Cork	55925	TDR 25m intervals	571845.67	572630.36	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2239.73	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2270	Turbine Delivery Route Option 2	Cork	55950	TDR 25m intervals	571821.19	572625.26	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2218.81	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2271	Turbine Delivery Route Option 2	Cork	55975	TDR 25m intervals	571796.72	572620.16	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2197.97	No	No	No	No	No	Tile_17	NA
2272	Turbine Delivery Route Option 2	Cork	56000	TDR 25m intervals	571772.24	572615.05	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2177.22	No	No	No	No	No	Tile_17	NA
2273	Turbine Delivery Route Option 2	Cork	56025	TDR 25m intervals	571747.77	572609.95	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2156.56	No	No	No	No	No	Tile_17	NA
2274	Turbine Delivery Route Option 2	Cork	56050	TDR 25m intervals	571723.30	572604.84	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2135.99	No	No	No	No	No	Tile_17	NA
2275	Turbine Delivery Route Option 2	Cork	56075	TDR 25m intervals	571698.82	572599.74	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2115.52	No	No	No	No	No	Tile_17	NA
2276	Turbine Delivery Route Option 2	Cork	56100	TDR 25m intervals	571674.26	572595.13	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2095.45	No	No	No	No	No	Tile_17	NA
2277	Turbine Delivery Route Option 2	Cork	56125	TDR 25m intervals	571649.52	572591.57	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2076.15	No	No	No	No	No	Tile_17	NA
2278	Turbine Delivery Route Option 2	Cork	56150	TDR 25m intervals	571624.77	572588.02	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2056.96	No	No	No	No	No	Tile_17	NA
2279	Turbine Delivery Route Option 2	Cork	56175	TDR 25m intervals	571600.03	572584.46	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2037.91	No	No	No	No	No	Tile_17	NA
2280	Turbine Delivery Route Option 2	Cork	56200	TDR 25m intervals	571575.28	572580.90	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2018.98	No	No	No	No	No	Tile_17	NA
2281	Turbine Delivery Route Option 2	Cork	56225	TDR 25m intervals	571550.54	572577.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2000.19	No	No	No	No	No	Tile_17	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

RSK

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2282	Turbine Delivery Route Option 2	Cork	56250	TDR 25m intervals	571525.79	572573.79	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1981.53	No	No	No	No	No	Tile_17	NA
2283	Turbine Delivery Route Option 2	Cork	56275	TDR 25m intervals	571501.46	572568.23	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1961.74	No	No	No	No	No	Tile_17	NA
2284	Turbine Delivery Route Option 2	Cork	56300	TDR 25m intervals	571477.34	572561.67	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1941.41	No	No	No	No	No	Tile_17	NA
2285	Turbine Delivery Route Option 2	Cork	56325	TDR 25m intervals	571453.21	572555.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1921.18	No	No	No	No	No	Tile_17	NA
2286	Turbine Delivery Route Option 2	Cork	56350	TDR 25m intervals	571429.09	572548.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1901.07	No	No	No	No	No	Tile_17	NA
2287	Turbine Delivery Route Option 2	Cork	56375	TDR 25m intervals	571404.97	572541.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1881.08	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2288	Turbine Delivery Route Option 2	Cork	56400	TDR 25m intervals	571380.49	572537.06	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1862.32	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2289	Turbine Delivery Route Option 2	Cork	56425	TDR 25m intervals	571355.79	572533.19	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1844.41	No	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within Cork Harbour SPA Buffer
2290	Turbine Delivery Route Option 2	Cork	56450	TDR 25m intervals	571331.09	572529.33	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1826.67	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2291	Turbine Delivery Route Option 2	Cork	56475	TDR 25m intervals	571306.40	572525.46	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1809.10	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2292	Turbine Delivery Route Option 2	Cork	56500	TDR 25m intervals	571281.70	572521.60	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1791.70	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2293	Turbine Delivery Route Option 2	Cork	56525	TDR 25m intervals	571257.00	572517.73	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1774.49	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2294	Turbine Delivery Route Option 2	Cork	56550	TDR 25m intervals	571232.30	572513.87	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1757.46	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2295	Turbine Delivery Route Option 2	Cork	56575	TDR 25m intervals	571207.45	572511.19	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1741.54	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2296	Turbine Delivery Route Option 2	Cork	56600	TDR 25m intervals	571182.56	572508.79	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1726.05	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2297	Turbine Delivery Route Option 2	Cork	56625	TDR 25m intervals	571157.68	572506.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1710.79	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2298	Turbine Delivery Route Option 2	Cork	56650	TDR 25m intervals	571132.79	572503.99	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1695.76	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2299	Turbine Delivery Route Option 2	Cork	56675	TDR 25m intervals	571107.91	572501.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1680.96	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2300	Turbine Delivery Route Option 2	Cork	56700	TDR 25m intervals	571083.03	572499.19	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1666.41	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2301	Turbine Delivery Route Option 2	Cork	56725	TDR 25m intervals	571058.14	572496.79	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1652.11	Yes	No	No	Cork Harbour SPA	No	Tile_17	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2302	Turbine Delivery Route Option 2	Cork	56750	TDR 25m intervals	571033.26	572494.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1638.06	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2303	Turbine Delivery Route Option 2	Cork	56775	TDR 25m intervals	571008.37	572491.99	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1624.28	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2304	Turbine Delivery Route Option 2	Cork	56800	TDR 25m intervals	570983.56	572489.07	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1610.34	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2305	Turbine Delivery Route Option 2	Cork	56825	TDR 25m intervals	570958.94	572484.70	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1595.45	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2306	Turbine Delivery Route Option 2	Cork	56850	TDR 25m intervals	570934.33	572480.32	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1580.82	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2307	Turbine Delivery Route Option 2	Cork	56875	TDR 25m intervals	570910.72	572472.69	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1563.90	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2308	Turbine Delivery Route Option 2	Cork	56900	TDR 25m intervals	570887.93	572462.43	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1545.12	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2309	Turbine Delivery Route Option 2	Cork	56925	TDR 25m intervals	570865.13	572452.16	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1526.53	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2310	Turbine Delivery Route Option 2	Cork	56950	TDR 25m intervals	570842.34	572441.89	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1508.12	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2311	Turbine Delivery Route Option 2	Cork	56975	TDR 25m intervals	570819.54	572431.62	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1489.90	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2312	Turbine Delivery Route Option 2	Cork	57000	TDR 25m intervals	570795.87	572424.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1474.10	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2313	Turbine Delivery Route Option 2	Cork	57025	TDR 25m intervals	570771.35	572419.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1460.77	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2314	Turbine Delivery Route Option 2	Cork	57050	TDR 25m intervals	570746.82	572414.40	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1447.74	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2315	Turbine Delivery Route Option 2	Cork	57075	TDR 25m intervals	570722.30	572409.55	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1435.03	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2316	Turbine Delivery Route Option 2	Cork	57100	TDR 25m intervals	570697.77	572404.69	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1422.65	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2317	Turbine Delivery Route Option 2	Cork	57125	TDR 25m intervals	570696.82	572428.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1444.86	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2318	Turbine Delivery Route Option 2	Cork	57150	TDR 25m intervals	570697.00	572453.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1468.75	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2319	Turbine Delivery Route Option 2	Cork	57175	TDR 25m intervals	570697.17	572478.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1492.67	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2320	Turbine Delivery Route Option 2	Cork	57200	TDR 25m intervals	570697.34	572503.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1516.63	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2321	Turbine Delivery Route Option 2	Cork	57225	TDR 25m intervals	570696.79	572528.27	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1540.35	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2322	Turbine Delivery Route Option 2	Cork	57250	TDR 25m intervals	570691.94	572552.79	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1562.51	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2323	Turbine Delivery Route Option 2	Cork	57275	TDR 25m intervals	570687.10	572577.32	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1584.76	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2324	Turbine Delivery Route Option 2	Cork	57300	TDR 25m intervals	570682.25	572601.85	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1607.09	No	No	No	No	No	Tile_16	NA
2325	Turbine Delivery Route Option 2	Cork	57325	TDR 25m intervals	570677.41	572626.37	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1629.50	No	No	No	No	No	Tile_16	NA
2326	Turbine Delivery Route Option 2	Cork	57350	TDR 25m intervals	570672.56	572650.90	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1651.99	No	No	No	No	No	Tile_16	NA
2327	Turbine Delivery Route Option 2	Cork	57375	TDR 25m intervals	570667.72	572675.42	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1674.54	No	No	No	No	No	Tile_16	NA
2328	Turbine Delivery Route Option 2	Cork	57400	TDR 25m intervals	570662.87	572699.95	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1697.17	No	No	No	No	No	Tile_16	NA
2329	Turbine Delivery Route Option 2	Cork	57425	TDR 25m intervals	570658.03	572724.48	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1719.86	No	No	No	No	No	Tile_16	NA
2330	Turbine Delivery Route Option 2	Cork	57450	TDR 25m intervals	570653.18	572749.00	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1742.61	No	No	No	No	No	Tile_16	NA
2331	Turbine Delivery Route Option 2	Cork	57475	TDR 25m intervals	570648.33	572773.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1765.42	No	No	No	No	No	Tile_16	NA
2332	Turbine Delivery Route Option 2	Cork	57500	TDR 25m intervals	570643.49	572798.05	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1788.29	No	No	No	No	No	Tile_16	NA
2333	Turbine Delivery Route Option 2	Cork	57525	TDR 25m intervals	570638.64	572822.58	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1811.22	No	No	No	No	No	Tile_16	NA
2334	Turbine Delivery Route Option 2	Cork	57550	TDR 25m intervals	570632.55	572846.81	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1833.67	No	No	No	No	No	Tile_16	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2335	Turbine Delivery Route Option 2	Cork	57575	TDR 25m intervals	570626.06	572870.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1856.00	No	No	No	No	No	Tile_16	NA
2336	Turbine Delivery Route Option 2	Cork	57600	TDR 25m intervals	570619.57	572895.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	1878.41	No	No	No	No	No	Tile_16	NA
2337	Turbine Delivery Route Option 2	Cork	57625	TDR 25m intervals	570613.08	572919.24	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1900.88	No	No	No	No	No	Tile_16	NA
2338	Turbine Delivery Route Option 2	Cork	57650	TDR 25m intervals	570606.59	572943.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1923.41	No	No	No	No	No	Tile_16	NA
2339	Turbine Delivery Route Option 2	Cork	57675	TDR 25m intervals	570600.10	572967.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1946.01	No	No	No	No	No	Tile_16	NA
2340	Turbine Delivery Route Option 2	Cork	57700	TDR 25m intervals	570593.61	572991.67	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	1968.66	No	No	No	No	No	Tile_16	NA
2341	Turbine Delivery Route Option 2	Cork	57725	TDR 25m intervals	570587.12	573015.82	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1991.37	No	No	No	No	No	Tile_16	NA
2342	Turbine Delivery Route Option 2	Cork	57750	TDR 25m intervals	570580.64	573039.96	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2014.13	No	No	No	No	No	Tile_16	NA
2343	Turbine Delivery Route Option 2	Cork	57775	TDR 25m intervals	570574.15	573064.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2036.94	No	No	No	No	No	Tile_16	NA
2344	Turbine Delivery Route Option 2	Cork	57800	TDR 25m intervals	570567.66	573088.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2059.81	No	No	No	No	No	Tile_16	NA
2345	Turbine Delivery Route Option 2	Cork	57825	TDR 25m intervals	570561.17	573112.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2082.72	No	No	No	No	No	Tile_16	NA
2346	Turbine Delivery Route Option 2	Cork	57850	TDR 25m intervals	570554.68	573136.53	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2105.69	No	No	No	No	No	Tile_16	NA
2347	Turbine Delivery Route Option 2	Cork	57875	TDR 25m intervals	570548.19	573160.68	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2128.70	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2348	Turbine Delivery Route Option 2	Cork	57900	TDR 25m intervals	570541.70	573184.82	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2151.75	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2349	Turbine Delivery Route Option 2	Cork	57925	TDR 25m intervals	570535.91	573209.12	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2175.10	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2350	Turbine Delivery Route Option 2	Cork	57950	TDR 25m intervals	570531.14	573233.66	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2198.84	No	No	No	No	No	Tile_16	NA
2351	Turbine Delivery Route Option 2	Cork	57975	TDR 25m intervals	570526.36	573258.20	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2222.61	No	No	No	No	No	Tile_16	NA
2352	Turbine Delivery Route Option 2	Cork	58000	TDR 25m intervals	570521.59	573282.74	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2246.40	No	No	No	No	No	Tile_16	NA
2353	Turbine Delivery Route Option 2	Cork	58025	TDR 25m intervals	570516.82	573307.28	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2270.23	No	No	No	No	No	Tile_16	NA
2354	Turbine Delivery Route Option 2	Cork	58050	TDR 25m intervals	570512.04	573331.82	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2294.07	No	No	No	No	No	Tile_16	NA
2355	Turbine Delivery Route Option 2	Cork	58075	TDR 25m intervals	570507.39	573356.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2317.98	No	No	No	No	No	Tile_16	NA
2356	Turbine Delivery Route Option 2	Cork	58100	TDR 25m intervals	570502.84	573380.97	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2341.94	No	No	No	No	No	Tile_16	NA
2357	Turbine Delivery Route Option 2	Cork	58125	TDR 25m intervals	570498.29	573405.55	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2365.93	No	No	No	No	No	Tile_16	NA
2358	Turbine Delivery Route Option 2	Cork	58150	TDR 25m intervals	570493.75	573430.14	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2389.93	No	No	No	No	No	Tile_16	NA
2359	Turbine Delivery Route Option 2	Cork	58175	TDR 25m intervals	570490.19	573454.84	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2414.17	No	No	No	No	No	Tile_16	NA
2360	Turbine Delivery Route Option 2	Cork	58200	TDR 25m intervals	570488.84	573479.80	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2438.89	No	No	No	No	No	Tile_16	NA
2361	Turbine Delivery Route Option 2	Cork	58225	TDR 25m intervals	570487.49	573504.76	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2463.62	No	No	No	No	No	Tile_16	NA
2362	Turbine Delivery Route Option 2	Cork	58250	TDR 25m intervals	570486.14	573529.73	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2488.36	No	No	No	No	No	Tile_16	NA
2363	Turbine Delivery Route Option 2	Cork	58275	TDR 25m intervals	570484.78	573554.69	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2513.10	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2364	Turbine Delivery Route Option 2	Cork	58300	TDR 25m intervals	570483.43	573579.65	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2537.84	Yes	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2365	Turbine Delivery Route Option 2	Cork	58325	TDR 25m intervals	570482.08	573604.62	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2562.59	Yes	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2366	Turbine Delivery Route Option 2	Cork	58350	TDR 25m intervals	570480.73	573629.58	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2587.34	Yes	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within GW Buffer Zone Within Cork Harbour SPA Buffer
2367	Turbine Delivery Route Option 2	Cork	58375	TDR 25m intervals	570479.38	573654.54	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2612.10	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2368	Turbine Delivery Route Option 2	Cork	58400	TDR 25m intervals	570478.02	573679.51	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2636.87	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2369	Turbine Delivery Route Option 2	Cork	58425	TDR 25m intervals	570476.67	573704.47	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2661.64	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2370	Turbine Delivery Route Option 2	Cork	58450	TDR 25m intervals	570475.32	573729.43	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2686.41	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2371	Turbine Delivery Route Option 2	Cork	58475	TDR 25m intervals	570473.97	573754.40	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2711.18	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2372	Turbine Delivery Route Option 2	Cork	58500	TDR 25m intervals	570470.27	573779.08	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2735.50	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2373	Turbine Delivery Route Option 2	Cork	58525	TDR 25m intervals	570465.61	573803.64	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2759.63	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2374	Turbine Delivery Route Option 2	Cork	58550	TDR 25m intervals	570460.95	573828.20	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2783.78	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2375	Turbine Delivery Route Option 2	Cork	58575	TDR 25m intervals	570456.29	573852.76	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2807.95	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2376	Turbine Delivery Route Option 2	Cork	58600	TDR 25m intervals	570449.39	573876.40	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2831.06	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2377	Turbine Delivery Route Option 2	Cork	58625	TDR 25m intervals	570435.46	573897.17	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2850.87	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2378	Turbine Delivery Route Option 2	Cork	58650	TDR 25m intervals	570421.54	573917.93	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2870.76	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2379	Turbine Delivery Route Option 2	Cork	58675	TDR 25m intervals	570402.44	573933.51	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2885.29	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2380	Turbine Delivery Route Option 2	Cork	58700	TDR 25m intervals	570381.66	573947.43	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2898.22	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2381	Turbine Delivery Route Option 2	Cork	58725	TDR 25m intervals	570360.89	573961.34	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2911.30	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2382	Turbine Delivery Route Option 2	Cork	58750	TDR 25m intervals	570338.38	573970.01	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2919.26	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2383	Turbine Delivery Route Option 2	Cork	58775	TDR 25m intervals	570313.41	573971.31	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2919.97	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2384	Turbine Delivery Route Option 2	Cork	58800	TDR 25m intervals	570288.45	573972.62	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2920.89	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2385	Turbine Delivery Route Option 2	Cork	58825	TDR 25m intervals	570263.48	573973.92	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2922.04	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2386	Turbine Delivery Route Option 2	Cork	58850	TDR 25m intervals	570238.52	573975.23	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2923.39	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
2387	Turbine Delivery Route Option 2	Cork	58875	TDR 25m intervals	570213.56	573976.29	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2924.72	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2388	Turbine Delivery Route Option 2	Cork	58900	TDR 25m intervals	570189.01	573971.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2920.48	Yes	No	No	No	No	Tile_16	ELEVATED RISK Within GW Buffer Zone
2389	Turbine Delivery Route Option 2	Cork	58925	TDR 25m intervals	570164.46	573966.88	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2916.45	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2390	Turbine Delivery Route Option 2	Cork	58950	TDR 25m intervals	570139.91	573962.18	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2912.62	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2391	Turbine Delivery Route Option 2	Cork	58975	TDR 25m intervals	570115.35	573957.47	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2909.01	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2392	Turbine Delivery Route Option 2	Cork	59000	TDR 25m intervals	570090.80	573952.77	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2905.61	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2393	Turbine Delivery Route Option 2	Cork	59025	TDR 25m intervals	570066.24	573948.06	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2902.42	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2394	Turbine Delivery Route Option 2	Cork	59050	TDR 25m intervals	570041.69	573943.36	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2899.45	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2395	Turbine Delivery Route Option 2	Cork	59075	TDR 25m intervals	570017.14	573938.65	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2896.68	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2396	Turbine Delivery Route Option 2	Cork	59100	TDR 25m intervals	569992.76	573933.20	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2893.37	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2397	Turbine Delivery Route Option 2	Cork	59125	TDR 25m intervals	569968.63	573926.67	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2889.17	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2398	Turbine Delivery Route Option 2	Cork	59150	TDR 25m intervals	569944.49	573920.14	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2885.19	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2399	Turbine Delivery Route Option 2	Cork	59175	TDR 25m intervals	569920.54	573913.16	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2880.94	No	No	No	No	No	Tile_16	NA
2400	Turbine Delivery Route Option 2	Cork	59200	TDR 25m intervals	569898.43	573901.50	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2872.03	No	No	No	No	No	Tile_16	NA
2401	Turbine Delivery Route Option 2	Cork	59225	TDR 25m intervals	569877.59	573888.23	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2861.56	No	No	No	No	No	Tile_16	NA
2402	Turbine Delivery Route Option 2	Cork	59250	TDR 25m intervals	569861.38	573869.20	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2844.90	No	No	No	No	No	Tile_16	NA
2403	Turbine Delivery Route Option 2	Cork	59275	TDR 25m intervals	569845.17	573850.17	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2828.37	No	No	No	No	No	Tile_16	NA
2404	Turbine Delivery Route Option 2	Cork	59300	TDR 25m intervals	569828.96	573831.14	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2811.96	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2405	Turbine Delivery Route Option 2	Cork	59325	TDR 25m intervals	569812.75	573812.11	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2795.68	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2406	Turbine Delivery Route Option 2	Cork	59350	TDR 25m intervals	569796.54	573793.07	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2779.52	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2407	Turbine Delivery Route Option 2	Cork	59375	TDR 25m intervals	569778.06	573776.65	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2766.46	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2408	Turbine Delivery Route Option 2	Cork	59400	TDR 25m intervals	569757.00	573763.18	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2756.93	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2409	Turbine Delivery Route Option 2	Cork	59425	TDR 25m intervals	569735.94	573749.70	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2747.60	No	No	No	Cork Harbour SPA	Cork Harbour SPA	Tile_16	ELEVATED RISK Within Cork Harbour SPA
2410	Turbine Delivery Route Option 2	Cork	59450	TDR 25m intervals	569712.34	573741.86	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2744.48	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2411	Turbine Delivery Route Option 2	Cork	59475	TDR 25m intervals	569687.95	573737.27	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2744.93	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2412	Turbine Delivery Route Option 2	Cork	59500	TDR 25m intervals	569662.96	573736.59	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2749.55	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2413	Turbine Delivery Route Option 2	Cork	59525	TDR 25m intervals	569637.97	573735.91	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2754.40	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2414	Turbine Delivery Route Option 2	Cork	59550	TDR 25m intervals	569612.98	573735.23	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2759.46	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2415	Turbine Delivery Route Option 2	Cork	59575	TDR 25m intervals	569587.99	573734.55	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2764.74	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2416	Turbine Delivery Route Option 2	Cork	59600	TDR 25m intervals	569563.00	573733.87	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2770.23	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2417	Turbine Delivery Route Option 2	Cork	59625	TDR 25m intervals	569538.01	573733.19	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2775.94	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2418	Turbine Delivery Route Option 2	Cork	59650	TDR 25m intervals	569513.02	573732.51	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2781.86	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2419	Turbine Delivery Route Option 2	Cork	59675	TDR 25m intervals	569488.03	573731.83	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2788.00	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2420	Turbine Delivery Route Option 2	Cork	59700	TDR 25m intervals	569463.04	573731.15	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2794.34	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2421	Turbine Delivery Route Option 2	Cork	59725	TDR 25m intervals	569438.04	573730.47	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2800.89	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2422	Turbine Delivery Route Option 2	Cork	59750	TDR 25m intervals	569413.05	573729.79	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2807.65	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2423	Turbine Delivery Route Option 2	Cork	59775	TDR 25m intervals	569388.06	573729.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2814.62	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2424	Turbine Delivery Route Option 2	Cork	59800	TDR 25m intervals	569363.07	573728.43	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2821.79	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2425	Turbine Delivery Route Option 2	Cork	59825	TDR 25m intervals	569338.08	573727.74	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2829.16	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2426	Turbine Delivery Route Option 2	Cork	59850	TDR 25m intervals	569313.09	573727.06	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2836.73	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2427	Turbine Delivery Route Option 2	Cork	59875	TDR 25m intervals	569288.10	573726.38	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2844.51	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2428	Turbine Delivery Route Option 2	Cork	59900	TDR 25m intervals	569263.11	573725.70	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2852.48	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2429	Turbine Delivery Route Option 2	Cork	59925	TDR 25m intervals	569238.48	573729.34	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2864.56	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2430	Turbine Delivery Route Option 2	Cork	59950	TDR 25m intervals	569213.96	573734.22	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2877.91	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2431	Turbine Delivery Route Option 2	Cork	59975	TDR 25m intervals	569189.44	573739.10	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2891.42	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2432	Turbine Delivery Route Option 2	Cork	60000	TDR 25m intervals	569164.93	573743.97	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2905.08	No	No	No	No	No	Tile_16	NA
2433	Turbine Delivery Route Option 2	Cork	60025	TDR 25m intervals	569140.47	573749.05	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2919.06	No	No	No	No	No	Tile_16	NA
2434	Turbine Delivery Route Option 2	Cork	60050	TDR 25m intervals	569117.33	573758.53	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2936.72	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2435	Turbine Delivery Route Option 2	Cork	60075	TDR 25m intervals	569094.20	573768.01	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2954.49	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2436	Turbine Delivery Route Option 2	Cork	60100	TDR 25m intervals	569071.06	573777.48	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2972.36	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2437	Turbine Delivery Route Option 2	Cork	60125	TDR 25m intervals	569047.93	573786.95	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2990.33	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2438	Turbine Delivery Route Option 2	Cork	60150	TDR 25m intervals	569024.79	573796.43	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3008.40	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2439	Turbine Delivery Route Option 2	Cork	60175	TDR 25m intervals	569001.66	573805.91	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3026.58	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2440	Turbine Delivery Route Option 2	Cork	60200	TDR 25m intervals	568978.52	573815.38	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3044.84	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2441	Turbine Delivery Route Option 2	Cork	60225	TDR 25m intervals	568954.64	573822.05	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3060.98	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2442	Turbine Delivery Route Option 2	Cork	60250	TDR 25m intervals	568929.86	573825.34	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3074.58	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2443	Turbine Delivery Route Option 2	Cork	60275	TDR 25m intervals	568905.07	573828.63	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3088.31	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2444	Turbine Delivery Route Option 2	Cork	60300	TDR 25m intervals	568880.29	573831.91	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3102.19	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2445	Turbine Delivery Route Option 2	Cork	60325	TDR 25m intervals	568855.51	573835.20	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3116.21	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2446	Turbine Delivery Route Option 2	Cork	60350	TDR 25m intervals	568830.65	573833.67	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3126.10	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2447	Turbine Delivery Route Option 2	Cork	60375	TDR 25m intervals	568805.77	573831.19	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3135.34	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2448	Turbine Delivery Route Option 2	Cork	60400	TDR 25m intervals	568780.89	573828.72	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3144.75	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within SW Buffer Zone Within Cork Harbour SPA Buffer
2449	Turbine Delivery Route Option 2	Cork	60425	TDR 25m intervals	568756.02	573826.24	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3154.33	No	No	No	Cork Harbour SPA	No	Tile_16	ELEVATED RISK Within Cork Harbour SPA Buffer
2450	Turbine Delivery Route Option 2	Cork	60450	TDR 25m intervals	568731.14	573823.77	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3164.07	No	No	No	No	No	Tile_16	NA
2451	Turbine Delivery Route Option 2	Cork	60475	TDR 25m intervals	568707.05	573817.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3170.07	No	No	No	No	No	Tile_16	NA
2452	Turbine Delivery Route Option 2	Cork	60500	TDR 25m intervals	568683.07	573810.17	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3175.72	No	No	No	No	No	Tile_16	NA
2453	Turbine Delivery Route Option 2	Cork	60525	TDR 25m intervals	568659.10	573803.09	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3181.55	No	No	No	No	No	Tile_16	NA
2454	Turbine Delivery Route Option 2	Cork	60550	TDR 25m intervals	568635.12	573796.02	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3187.56	No	No	No	No	No	Tile_16	NA
2455	Turbine Delivery Route Option 2	Cork	60575	TDR 25m intervals	568611.14	573788.94	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3193.76	No	No	No	No	No	Tile_16	NA
2456	Turbine Delivery Route Option 2	Cork	60600	TDR 25m intervals	568587.17	573781.86	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3200.14	No	No	No	No	No	Tile_16	NA
2457	Turbine Delivery Route Option 2	Cork	60625	TDR 25m intervals	568563.19	573774.78	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3206.71	No	No	No	No	No	Tile_16	NA
2458	Turbine Delivery Route Option 2	Cork	60650	TDR 25m intervals	568539.21	573767.70	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3213.45	No	No	No	No	No	Tile_16	NA
2459	Turbine Delivery Route Option 2	Cork	60675	TDR 25m intervals	568515.24	573760.62	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3220.38	No	No	No	No	No	Tile_16	NA
2460	Turbine Delivery Route Option 2	Cork	60700	TDR 25m intervals	568491.26	573753.54	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3227.48	No	No	No	No	No	Tile_16	NA
2461	Turbine Delivery Route Option 2	Cork	60725	TDR 25m intervals	568467.28	573746.46	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3234.77	No	No	No	No	No	Tile_16	NA
2462	Turbine Delivery Route Option 2	Cork	60750	TDR 25m intervals	568443.31	573739.39	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3242.22	No	No	No	No	No	Tile_16	NA
2463	Turbine Delivery Route Option 2	Cork	60775	TDR 25m intervals	568418.78	573735.49	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3252.80	No	No	No	No	No	Tile_16	NA
2464	Turbine Delivery Route Option 2	Cork	60800	TDR 25m intervals	568393.82	573734.18	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3265.90	No	No	No	No	No	Tile_16	NA
2465	Turbine Delivery Route Option 2	Cork	60825	TDR 25m intervals	568368.85	573732.87	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3279.13	No	No	No	No	No	Tile_16	NA
2466	Turbine Delivery Route Option 2	Cork	60850	TDR 25m intervals	568343.89	573731.56	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3292.51	No	No	No	No	No	Tile_15	NA
2467	Turbine Delivery Route Option 2	Cork	60875	TDR 25m intervals	568318.92	573730.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3306.02	No	No	No	No	No	Tile_15	NA
2468	Turbine Delivery Route Option 2	Cork	60900	TDR 25m intervals	568293.95	573729.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3319.91	No	No	No	No	No	Tile_15	NA
2469	Turbine Delivery Route Option 2	Cork	60925	TDR 25m intervals	568268.99	573730.51	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3335.75	No	No	No	No	No	Tile_15	NA
2470	Turbine Delivery Route Option 2	Cork	60950	TDR 25m intervals	568244.02	573731.78	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3351.70	No	No	No	No	No	Tile_15	NA
2471	Turbine Delivery Route Option 2	Cork	60975	TDR 25m intervals	568219.05	573733.04	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3367.77	No	No	No	No	No	Tile_15	NA
2472	Turbine Delivery Route Option 2	Cork	61000	TDR 25m intervals	568194.08	573734.30	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3383.94	No	No	No	No	No	Tile_15	NA
2473	Turbine Delivery Route Option 2	Cork	61025	TDR 25m intervals	568169.11	573735.57	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3400.22	No	No	No	No	No	Tile_15	NA
2474	Turbine Delivery Route Option 2	Cork	61050	TDR 25m intervals	568144.95	573730.37	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3411.03	No	No	No	No	No	Tile_15	NA
2475	Turbine Delivery Route Option 2	Cork	61075	TDR 25m intervals	568121.07	573723.00	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3420.11	No	No	No	No	No	Tile_15	NA
2476	Turbine Delivery Route Option 2	Cork	61100	TDR 25m intervals	568097.18	573715.63	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3429.35	No	No	No	No	No	Tile_15	NA
2477	Turbine Delivery Route Option 2	Cork	61125	TDR 25m intervals	568075.25	573704.45	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3434.57	No	No	No	No	No	Tile_15	NA
2478	Turbine Delivery Route Option 2	Cork	61150	TDR 25m intervals	568055.40	573689.25	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3435.54	No	No	No	No	No	Tile_15	NA
2479	Turbine Delivery Route Option 2	Cork	61175	TDR 25m intervals	568035.55	573674.06	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3436.69	No	No	No	No	No	Tile_15	NA
2480	Turbine Delivery Route Option 2	Cork	61200	TDR 25m intervals	568015.69	573658.87	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3438.02	No	No	No	No	No	Tile_15	NA
2481	Turbine Delivery Route Option 2	Cork	61225	TDR 25m intervals	567999.00	573640.28	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3434.89	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2482	Turbine Delivery Route Option 2	Cork	61250	TDR 25m intervals	567982.43	573621.56	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3431.77	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2483	Turbine Delivery Route Option 2	Cork	61275	TDR 25m intervals	567965.86	573602.84	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3428.83	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2484	Turbine Delivery Route Option 2	Cork	61300	TDR 25m intervals	567949.29	573584.12	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3426.06	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2485	Turbine Delivery Route Option 2	Cork	61325	TDR 25m intervals	567932.72	573565.40	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3423.48	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2486	Turbine Delivery Route Option 2	Cork	61350	TDR 25m intervals	567916.15	573546.68	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3421.08	No	No	No	No	No	Tile_15	NA
2487	Turbine Delivery Route Option 2	Cork	61375	TDR 25m intervals	567898.19	573529.82	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3421.16	No	No	No	No	No	Tile_15	NA
2488	Turbine Delivery Route Option 2	Cork	61400	TDR 25m intervals	567875.55	573519.22	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3429.18	No	No	No	No	No	Tile_15	NA
2489	Turbine Delivery Route Option 2	Cork	61425	TDR 25m intervals	567852.90	573508.63	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3437.37	No	No	No	No	No	Tile_15	NA
2490	Turbine Delivery Route Option 2	Cork	61450	TDR 25m intervals	567830.26	573498.04	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	3445.72	No	No	No	No	No	Tile_15	NA
2491	Turbine Delivery Route Option 2	Cork	61475	TDR 25m intervals	567807.39	573488.31	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3455.00	No	No	No	No	No	Tile_15	NA
2492	Turbine Delivery Route Option 2	Cork	61500	TDR 25m intervals	567782.44	573486.75	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3471.65	No	No	No	No	No	Tile_15	NA
2493	Turbine Delivery Route Option 2	Cork	61525	TDR 25m intervals	567757.49	573485.19	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3488.39	No	No	No	No	No	Tile_15	NA
2494	Turbine Delivery Route Option 2	Cork	61550	TDR 25m intervals	567732.54	573483.63	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3505.23	No	No	No	No	No	Tile_15	NA
2495	Turbine Delivery Route Option 2	Cork	61575	TDR 25m intervals	567708.57	573489.89	NA	NA	No	NA	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3526.86	No	No	No	No	No	Tile_15	NA
2496	Turbine Delivery Route Option 2	Cork	61600	TDR 25m intervals	567684.79	573497.60	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3549.40	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2497	Turbine Delivery Route Option 2	Cork	61625	TDR 25m intervals	567661.01	573505.32	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3571.97	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2498	Turbine Delivery Route Option 2	Cork	61650	TDR 25m intervals	567636.74	573502.12	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3587.46	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2499	Turbine Delivery Route Option 2	Cork	61675	TDR 25m intervals	567612.37	573496.56	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3601.53	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2500	Turbine Delivery Route Option 2	Cork	61700	TDR 25m intervals	567591.52	573484.19	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3608.52	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2501	Turbine Delivery Route Option 2	Cork	61725	TDR 25m intervals	567567.28	573485.82	NA	NA	Yes	BRIDE (Cork City)_020	BRIDE (Cork City)_020	Kiln_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3627.56	No	No	No	No	No	Tile_15	ELEVATED RISK Within SW Buffer Zone
2502	Turbine Delivery Route Option 2	Cork	61750	TDR 25m intervals	578213.34	564290.20	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	716.12	No	No	No	No	No	Tile_23	NA
2503	Turbine Delivery Route Option 2	Cork	61775	TDR 25m intervals	578188.47	564287.59	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	726.79	No	No	No	No	No	Tile_23	NA
2504	Turbine Delivery Route Option 2	Cork	61800	TDR 25m intervals	578163.61	564284.97	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	738.14	No	No	No	No	No	Tile_23	NA
2505	Turbine Delivery Route Option 2	Cork	61825	TDR 25m intervals	578138.75	564282.35	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	739.34	No	No	No	No	No	Tile_23	NA
2506	Turbine Delivery Route Option 2	Cork	61850	TDR 25m intervals	578113.89	564279.73	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	717.45	No	No	No	No	No	Tile_23	NA
2507	Turbine Delivery Route Option 2	Cork	61875	TDR 25m intervals	578089.03	564277.11	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	695.76	No	No	No	No	No	Tile_23	NA
2508	Turbine Delivery Route Option 2	Cork	61900	TDR 25m intervals	578064.15	564274.95	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	674.09	No	No	No	No	No	Tile_23	NA
2509	Turbine Delivery Route Option 2	Cork	61925	TDR 25m intervals	578039.18	564276.25	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	651.04	No	No	No	No	No	Tile_23	NA
2510	Turbine Delivery Route Option 2	Cork	61950	TDR 25m intervals	578014.22	564277.54	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	628.15	No	No	No	No	No	Tile_23	NA
2511	Turbine Delivery Route Option 2	Cork	61975	TDR 25m intervals	577989.25	564278.83	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	605.42	No	No	No	No	No	Tile_23	NA
2512	Turbine Delivery Route Option 2	Cork	62000	TDR 25m intervals	577964.28	564280.13	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	582.87	No	No	No	No	No	Tile_23	NA
2513	Turbine Delivery Route Option 2	Cork	62025	TDR 25m intervals	577939.32	564281.42	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	560.54	No	No	No	No	No	Tile_23	NA
2514	Turbine Delivery Route Option 2	Cork	62050	TDR 25m intervals	577914.35	564282.71	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	538.44	No	No	No	No	No	Tile_23	NA
2515	Turbine Delivery Route Option 2	Cork	62075	TDR 25m intervals	577889.43	564284.62	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	516.31	No	No	No	No	No	Tile_23	NA
2516	Turbine Delivery Route Option 2	Cork	62100	TDR 25m intervals	577864.54	564286.96	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	494.24	No	No	No	No	No	Tile_23	NA
2517	Turbine Delivery Route Option 2	Cork	62125	TDR 25m intervals	577839.65	564289.31	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	472.46	No	No	No	No	No	Tile_23	NA
2518	Turbine Delivery Route Option 2	Cork	62150	TDR 25m intervals	577814.76	564291.65	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	451.01	No	No	No	No	No	Tile_23	NA
2519	Turbine Delivery Route Option 2	Cork	62175	TDR 25m intervals	577789.85	564293.76	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	430.08	No	No	No	No	No	Tile_23	NA
2520	Turbine Delivery Route Option 2	Cork	62200	TDR 25m intervals	577764.87	564294.52	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	410.43	No	No	No	No	No	Tile_23	NA
2521	Turbine Delivery Route Option 2	Cork	62225	TDR 25m intervals	577739.88	564295.29	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	391.39	No	No	No	No	No	Tile_23	NA
2522	Turbine Delivery Route Option 2	Cork	62250	TDR 25m intervals	577714.89	564296.05	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	373.05	No	No	No	No	No	Tile_23	NA
2523	Turbine Delivery Route Option 2	Cork	62275	TDR 25m intervals	577689.90	564296.81	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	355.53	No	No	No	No	No	Tile_23	NA
2524	Turbine Delivery Route Option 2	Cork	62300	TDR 25m intervals	577664.91	564297.57	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	338.95	No	No	No	No	No	Tile_23	NA
2525	Turbine Delivery Route Option 2	Cork	62325	TDR 25m intervals	577639.93	564298.34	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	323.45	No	No	No	No	No	Tile_23	NA
2526	Turbine Delivery Route Option 2	Cork	62350	TDR 25m intervals	577614.94	564299.10	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	309.20	No	No	No	No	No	Tile_23	NA
2527	Turbine Delivery Route Option 2	Cork	62375	TDR 25m intervals	577589.95	564299.86	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Water	NA	()	NA	NA	296.38	No	No	No	No	No	Tile_23	NA
2528	Turbine Delivery Route Option 2	Cork	62400	TDR 25m intervals	577564.95	564300.19	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	285.58	No	No	No	No	No	Tile_23	NA
2529	Turbine Delivery Route Option 2	Cork	62425	TDR 25m intervals	577539.95	564300.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	276.86	No	No	No	No	No	Tile_23	NA
2530	Turbine Delivery Route Option 2	Cork	62450	TDR 25m intervals	577514.95	564300.34	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	270.18	No	No	No	No	No	Tile_23	NA
2531	Turbine Delivery Route Option 2	Cork	62475	TDR 25m intervals	577489.95	564300.42	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	265.70	No	No	No	No	No	Tile_23	NA
2532	Turbine Delivery Route Option 2	Cork	62500	TDR 25m intervals	577466.23	564308.20	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	255.87	No	No	No	No	No	Tile_23	NA
2533	Turbine Delivery Route Option 2	Cork	62525	TDR 25m intervals	577442.53	564316.17	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	247.99	No	No	No	No	No	Tile_23	NA
2534	Turbine Delivery Route Option 2	Cork	62550	TDR 25m intervals	577418.83	564324.14	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	242.44	No	No	No	No	No	Tile_23	NA
2535	Turbine Delivery Route Option 2	Cork	62575	TDR 25m intervals	577395.14	564332.10	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	239.39	No	No	No	No	No	Tile_23	NA
2536	Turbine Delivery Route Option 2	Cork	62600	TDR 25m intervals	577372.06	564341.38	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	237.49	No	No	No	No	No	Tile_23	NA
2537	Turbine Delivery Route Option 2	Cork	62625	TDR 25m intervals	577350.82	564354.57	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	233.86	No	No	No	No	No	Tile_23	NA
2538	Turbine Delivery Route Option 2	Cork	62650	TDR 25m intervals	577329.58	564367.76	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	232.87	No	No	No	No	No	Tile_23	NA
2539	Turbine Delivery Route Option 2	Cork	62675	TDR 25m intervals	577308.34	564380.95	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	234.56	No	No	No	No	No	Tile_23	NA
2540	Turbine Delivery Route Option 2	Cork	62700	TDR 25m intervals	577287.10	564394.14	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	238.87	No	No	No	No	No	Tile_23	NA
2541	Turbine Delivery Route Option 2	Cork	62725	TDR 25m intervals	577265.87	564407.32	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	245.66	No	No	No	No	No	Tile_23	NA
2542	Turbine Delivery Route Option 2	Cork	62750	TDR 25m intervals	577244.63	564420.52	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	254.74	No	No	No	No	No	Tile_23	NA
2543	Turbine Delivery Route Option 2	Cork	62775	TDR 25m intervals	577223.39	564433.70	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	265.86	No	No	No	No	No	Tile_23	NA
2544	Turbine Delivery Route Option 2	Cork	62800	TDR 25m intervals	577202.16	564446.90	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	278.79	No	No	No	No	No	Tile_23	NA
2545	Turbine Delivery Route Option 2	Cork	62825	TDR 25m intervals	577180.92	564460.08	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	293.29	No	No	No	No	No	Tile_23	NA
2546	Turbine Delivery Route Option 2	Cork	62850	TDR 25m intervals	577159.68	564473.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	309.13	No	No	No	No	No	Tile_23	NA
2547	Turbine Delivery Route Option 2	Cork	62875	TDR 25m intervals	577138.44	564486.46	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	326.12	No	No	No	No	No	Tile_23	NA
2548	Turbine Delivery Route Option 2	Cork	62900	TDR 25m intervals	577117.20	564499.65	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	344.09	No	No	No	No	No	Tile_23	NA
2549	Turbine Delivery Route Option 2	Cork	62925	TDR 25m intervals	577097.48	564514.49	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	361.17	No	No	No	No	No	Tile_23	NA
2550	Turbine Delivery Route Option 2	Cork	62950	TDR 25m intervals	577082.54	564534.53	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	373.88	No	No	No	No	No	Tile_23	NA
2551	Turbine Delivery Route Option 2	Cork	62975	TDR 25m intervals	577067.60	564554.58	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	387.79	No	No	No	No	No	Tile_23	NA
2552	Turbine Delivery Route Option 2	Cork	63000	TDR 25m intervals	577052.66	564574.62	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	402.77	No	No	No	No	No	Tile_23	NA
2553	Turbine Delivery Route Option 2	Cork	63025	TDR 25m intervals	577037.85	564594.77	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	418.57	No	No	No	No	No	Tile_23	NA
2554	Turbine Delivery Route Option 2	Cork	63050	TDR 25m intervals	577023.20	564615.02	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	435.11	No	No	No	No	No	Tile_23	NA
2555	Turbine Delivery Route Option 2	Cork	63075	TDR 25m intervals	577008.55	564635.28	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	452.42	No	No	No	No	No	Tile_23	NA
2556	Turbine Delivery Route Option 2	Cork	63100	TDR 25m intervals	576991.27	564652.67	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	472.46	No	No	No	No	No	Tile_23	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2557	Turbine Delivery Route Option 2	Cork	63125	TDR 25m intervals	576969.81	564665.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	496.02	No	No	No	No	No	Tile_23	NA
2558	Turbine Delivery Route Option 2	Cork	63150	TDR 25m intervals	576948.36	564678.34	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Lk) Locally Important	NA	NA	519.72	No	No	No	No	No	Tile_23	NA
2559	Turbine Delivery Route Option 2	Cork	63175	TDR 25m intervals	576926.90	564691.17	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Lk) Locally Important	NA	NA	543.54	No	No	No	No	No	Tile_23	NA
2560	Turbine Delivery Route Option 2	Cork	63200	TDR 25m intervals	576904.60	564702.24	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	567.84	No	No	No	No	No	Tile_23	NA
2561	Turbine Delivery Route Option 2	Cork	63225	TDR 25m intervals	576881.16	564710.92	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	592.70	No	No	No	No	No	Tile_23	NA
2562	Turbine Delivery Route Option 2	Cork	63250	TDR 25m intervals	576857.72	564719.60	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	617.58	No	No	No	No	No	Tile_23	NA
2563	Turbine Delivery Route Option 2	Cork	63275	TDR 25m intervals	576834.27	564728.28	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	642.46	No	No	No	No	No	Tile_23	NA
2564	Turbine Delivery Route Option 2	Cork	63300	TDR 25m intervals	576809.35	564726.92	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	666.25	No	No	No	No	No	Tile_23	NA
2565	Turbine Delivery Route Option 2	Cork	63325	TDR 25m intervals	576784.40	564725.35	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	690.11	No	No	No	No	No	Tile_23	NA
2566	Turbine Delivery Route Option 2	Cork	63350	TDR 25m intervals	576759.45	564723.78	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	714.04	No	No	No	No	No	Tile_23	NA
2567	Turbine Delivery Route Option 2	Cork	63375	TDR 25m intervals	576735.32	564717.44	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	736.23	No	No	No	No	No	Tile_23	NA
2568	Turbine Delivery Route Option 2	Cork	63400	TDR 25m intervals	576711.27	564710.60	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	758.41	No	No	No	No	No	Tile_23	NA
2569	Turbine Delivery Route Option 2	Cork	63425	TDR 25m intervals	576687.54	564702.83	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	780.29	No	No	No	No	No	Tile_23	NA
2570	Turbine Delivery Route Option 2	Cork	63450	TDR 25m intervals	576664.23	564693.78	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	801.72	No	No	No	No	No	Tile_23	NA
2571	Turbine Delivery Route Option 2	Cork	63475	TDR 25m intervals	576640.93	564684.74	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	823.35	No	No	No	No	No	Tile_23	NA
2572	Turbine Delivery Route Option 2	Cork	63500	TDR 25m intervals	576617.62	564675.69	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	845.17	No	No	No	No	No	Tile_23	NA
2573	Turbine Delivery Route Option 2	Cork	63525	TDR 25m intervals	576594.32	564666.64	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	867.16	No	No	No	No	No	Tile_23	NA
2574	Turbine Delivery Route Option 2	Cork	63550	TDR 25m intervals	576571.01	564657.60	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	889.31	No	No	No	No	No	Tile_23	NA
2575	Turbine Delivery Route Option 2	Cork	63575	TDR 25m intervals	576547.70	564648.55	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	911.61	No	No	No	No	No	Tile_23	NA
2576	Turbine Delivery Route Option 2	Cork	63600	TDR 25m intervals	576524.40	564639.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	934.04	No	No	No	No	No	Tile_23	NA
2577	Turbine Delivery Route Option 2	Cork	63625	TDR 25m intervals	576501.21	564630.17	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	956.47	No	No	No	No	No	Tile_23	NA
2578	Turbine Delivery Route Option 2	Cork	63650	TDR 25m intervals	576477.66	564622.14	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	978.23	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2579	Turbine Delivery Route Option 2	Cork	63675	TDR 25m intervals	576453.09	564617.53	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	953.30	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2580	Turbine Delivery Route Option 2	Cork	63700	TDR 25m intervals	576428.52	564612.92	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	928.37	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2581	Turbine Delivery Route Option 2	Cork	63725	TDR 25m intervals	576403.94	564608.31	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	903.44	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2582	Turbine Delivery Route Option 2	Cork	63750	TDR 25m intervals	576379.37	564603.70	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	878.52	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2583	Turbine Delivery Route Option 2	Cork	63775	TDR 25m intervals	576354.80	564599.09	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	853.60	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2584	Turbine Delivery Route Option 2	Cork	63800	TDR 25m intervals	576330.23	564594.48	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	828.69	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2585	Turbine Delivery Route Option 2	Cork	63825	TDR 25m intervals	576305.66	564589.87	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	803.79	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2586	Turbine Delivery Route Option 2	Cork	63850	TDR 25m intervals	576281.06	564585.46	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	778.88	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2587	Turbine Delivery Route Option 2	Cork	63875	TDR 25m intervals	576256.27	564582.16	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	753.89	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2588	Turbine Delivery Route Option 2	Cork	63900	TDR 25m intervals	576231.49	564578.87	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	728.91	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2589	Turbine Delivery Route Option 2	Cork	63925	TDR 25m intervals	576206.71	564575.58	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	703.93	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2590	Turbine Delivery Route Option 2	Cork	63950	TDR 25m intervals	576181.93	564572.29	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	678.95	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2591	Turbine Delivery Route Option 2	Cork	63975	TDR 25m intervals	576157.15	564568.99	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	653.98	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2592	Turbine Delivery Route Option 2	Cork	64000	TDR 25m intervals	576132.36	564565.70	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	629.00	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2593	Turbine Delivery Route Option 2	Cork	64025	TDR 25m intervals	576107.58	564562.41	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	604.03	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2594	Turbine Delivery Route Option 2	Cork	64050	TDR 25m intervals	576082.80	564559.11	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	579.06	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2595	Turbine Delivery Route Option 2	Cork	64075	TDR 25m intervals	576058.02	564555.82	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	554.09	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2596	Turbine Delivery Route Option 2	Cork	64100	TDR 25m intervals	576033.31	564552.01	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	529.17	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2597	Turbine Delivery Route Option 2	Cork	64125	TDR 25m intervals	576008.64	564547.99	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	504.27	No	No	No	No	No	Tile_23	NA
2598	Turbine Delivery Route Option 2	Cork	64150	TDR 25m intervals	575983.96	564543.98	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	479.38	No	No	No	No	No	Tile_23	NA
2599	Turbine Delivery Route Option 2	Cork	64175	TDR 25m intervals	575959.28	564539.96	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	454.50	No	No	No	No	No	Tile_23	NA
2600	Turbine Delivery Route Option 2	Cork	64200	TDR 25m intervals	575934.61	564535.95	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	429.64	No	No	No	No	No	Tile_23	NA
2601	Turbine Delivery Route Option 2	Cork	64225	TDR 25m intervals	575909.93	564531.93	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	404.79	No	No	No	No	No	Tile_23	NA
2602	Turbine Delivery Route Option 2	Cork	64250	TDR 25m intervals	575885.26	564527.92	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	379.97	No	No	No	No	No	Tile_23	NA
2603	Turbine Delivery Route Option 2	Cork	64275	TDR 25m intervals	575860.58	564523.90	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	355.17	No	No	No	No	No	Tile_23	NA
2604	Turbine Delivery Route Option 2	Cork	64300	TDR 25m intervals	575835.91	564519.89	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	330.40	No	No	No	No	No	Tile_23	NA
2605	Turbine Delivery Route Option 2	Cork	64325	TDR 25m intervals	575811.23	564515.87	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	305.68	No	No	No	No	No	Tile_23	NA
2606	Turbine Delivery Route Option 2	Cork	64350	TDR 25m intervals	575786.46	564512.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	280.90	No	No	No	No	No	Tile_23	NA
2607	Turbine Delivery Route Option 2	Cork	64375	TDR 25m intervals	575761.68	564509.24	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	256.14	No	No	No	No	No	Tile_23	NA
2608	Turbine Delivery Route Option 2	Cork	64400	TDR 25m intervals	575736.89	564505.98	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Lk) Locally Important	NA	NA	231.44	No	No	No	No	No	Tile_23	NA
2609	Turbine Delivery Route Option 2	Cork	64425	TDR 25m intervals	575712.10	564502.72	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Lk) Locally Important	NA	NA	206.82	No	No	No	No	No	Tile_23	NA
2610	Turbine Delivery Route Option 2	Cork	64450	TDR 25m intervals	575687.32	564499.46	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	182.30	No	No	No	No	No	Tile_23	NA
2611	Turbine Delivery Route Option 2	Cork	64475	TDR 25m intervals	575662.53	564496.20	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	157.93	No	No	No	No	No	Tile_23	NA
2612	Turbine Delivery Route Option 2	Cork	64500	TDR 25m intervals	575637.70	564493.29	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	133.69	No	No	No	No	No	Tile_23	NA
2613	Turbine Delivery Route Option 2	Cork	64525	TDR 25m intervals	575612.83	564490.72	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	109.69	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2614	Turbine Delivery Route Option 2	Cork	64550	TDR 25m intervals	575587.97	564488.14	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	86.27	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2615	Turbine Delivery Route Option 2	Cork	64575	TDR 25m intervals	575563.10	564485.57	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	CAVE	64.06	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2616	Turbine Delivery Route Option 2	Cork	64600	TDR 25m intervals	575538.23	564482.99	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	CAVE	44.88	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2617	Turbine Delivery Route Option 2	Cork	64625	TDR 25m intervals	575513.41	564480.12	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	CAVE	34.58	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2618	Turbine Delivery Route Option 2	Cork	64650	TDR 25m intervals	575488.79	564475.75	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	CAVE	41.62	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2619	Turbine Delivery Route Option 2	Cork	64675	TDR 25m intervals	575464.18	564471.38	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	CAVE	59.32	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2620	Turbine Delivery Route Option 2	Cork	64700	TDR 25m intervals	575439.56	564467.01	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	80.96	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2621	Turbine Delivery Route Option 2	Cork	64725	TDR 25m intervals	575414.95	564462.64	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	104.13	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2622	Turbine Delivery Route Option 2	Cork	64750	TDR 25m intervals	575390.33	564458.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	127.99	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2623	Turbine Delivery Route Option 2	Cork	64775	TDR 25m intervals	575365.72	564453.90	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	152.21	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2624	Turbine Delivery Route Option 2	Cork	64800	TDR 25m intervals	575341.10	564449.53	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	176.66	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2625	Turbine Delivery Route Option 2	Cork	64825	TDR 25m intervals	575316.49	564445.16	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	201.24	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2626	Turbine Delivery Route Option 2	Cork	64850	TDR 25m intervals	575291.73	564442.93	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	225.36	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2627	Turbine Delivery Route Option 2	Cork	64875	TDR 25m intervals	575266.76	564444.09	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	248.86	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2628	Turbine Delivery Route Option 2	Cork	64900	TDR 25m intervals	575241.79	564445.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	272.63	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2629	Turbine Delivery Route Option 2	Cork	64925	TDR 25m intervals	575216.82	564446.44	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	296.60	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2630	Turbine Delivery Route Option 2	Cork	64950	TDR 25m intervals	575191.91	564448.08	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	320.58	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2631	Turbine Delivery Route Option 2	Cork	64975	TDR 25m intervals	575167.45	564453.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	343.60	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2632	Turbine Delivery Route Option 2	Cork	65000	TDR 25m intervals	575143.00	564458.47	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	366.88	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2633	Turbine Delivery Route Option 2	Cork	65025	TDR 25m intervals	575118.54	564463.66	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	390.38	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2634	Turbine Delivery Route Option 2	Cork	65050	TDR 25m intervals	575094.09	564468.85	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	414.05	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2635	Turbine Delivery Route Option 2	Cork	65075	TDR 25m intervals	575069.63	564474.05	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	437.87	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2636	Turbine Delivery Route Option 2	Cork	65100	TDR 25m intervals	575045.81	564481.38	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	461.03	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2637	Turbine Delivery Route Option 2	Cork	65125	TDR 25m intervals	575022.48	564490.35	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	483.79	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2638	Turbine Delivery Route Option 2	Cork	65150	TDR 25m intervals	574999.14	564499.32	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	506.77	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2639	Turbine Delivery Route Option 2	Cork	65175	TDR 25m intervals	574975.81	564508.30	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	529.93	Yes	No	No	No	No	Tile_23	ELEVATED RISK Within GW Buffer Zone
2640	Turbine Delivery Route Option 2	Cork	65200	TDR 25m intervals	574952.47	564517.27	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	553.25	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2641	Turbine Delivery Route Option 2	Cork	65225	TDR 25m intervals	574929.47	564526.97	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	576.39	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2642	Turbine Delivery Route Option 2	Cork	65250	TDR 25m intervals	574907.42	564538.74	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	598.82	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2643	Turbine Delivery Route Option 2	Cork	65275	TDR 25m intervals	574885.36	564550.51	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	621.45	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2644	Turbine Delivery Route Option 2	Cork	65300	TDR 25m intervals	574863.31	564562.28	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	644.25	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2645	Turbine Delivery Route Option 2	Cork	65325	TDR 25m intervals	574841.25	564574.05	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	667.21	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2646	Turbine Delivery Route Option 2	Cork	65350	TDR 25m intervals	574819.19	564585.82	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	690.31	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2647	Turbine Delivery Route Option 2	Cork	65375	TDR 25m intervals	574797.14	564597.59	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	713.54	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2648	Turbine Delivery Route Option 2	Cork	65400	TDR 25m intervals	574775.08	564609.37	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	736.88	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2649	Turbine Delivery Route Option 2	Cork	65425	TDR 25m intervals	574753.03	564621.14	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	760.33	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2650	Turbine Delivery Route Option 2	Cork	65450	TDR 25m intervals	574730.97	564632.91	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	783.88	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2651	Turbine Delivery Route Option 2	Cork	65475	TDR 25m intervals	574708.92	564644.68	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	807.52	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2652	Turbine Delivery Route Option 2	Cork	65500	TDR 25m intervals	574686.86	564656.45	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	831.23	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2653	Turbine Delivery Route Option 2	Cork	65525	TDR 25m intervals	574664.81	564668.22	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	855.02	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2654	Turbine Delivery Route Option 2	Cork	65550	TDR 25m intervals	574642.75	564679.99	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	878.87	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2655	Turbine Delivery Route Option 2	Cork	65575	TDR 25m intervals	574620.70	564691.77	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	902.79	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2656	Turbine Delivery Route Option 2	Cork	65600	TDR 25m intervals	574598.64	564703.54	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	926.77	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2657	Turbine Delivery Route Option 2	Cork	65625	TDR 25m intervals	574576.58	564715.31	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	950.80	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2658	Turbine Delivery Route Option 2	Cork	65650	TDR 25m intervals	574554.53	564727.08	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	974.87	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2659	Turbine Delivery Route Option 2	Cork	65675	TDR 25m intervals	574532.14	564738.17	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	999.17	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2660	Turbine Delivery Route Option 2	Cork	65700	TDR 25m intervals	574509.30	564748.33	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1023.72	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2661	Turbine Delivery Route Option 2	Cork	65725	TDR 25m intervals	574486.46	564758.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1048.30	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2662	Turbine Delivery Route Option 2	Cork	65750	TDR 25m intervals	574463.62	564768.66	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Ll) Locally Important	NA	NA	1072.89	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2663	Turbine Delivery Route Option 2	Cork	65775	TDR 25m intervals	574440.78	564778.82	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Ll) Locally Important	NA	NA	1097.51	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2664	Turbine Delivery Route Option 2	Cork	65800	TDR 25m intervals	574416.82	564785.90	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Ll) Locally Important	NA	NA	1122.48	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2665	Turbine Delivery Route Option 2	Cork	65825	TDR 25m intervals	574392.78	564792.76	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Rock near surface or karst (X)	0	(Ll) Locally Important	NA	NA	1147.47	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2666	Turbine Delivery Route Option 2	Cork	65850	TDR 25m intervals	574368.74	564799.62	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1172.46	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2667	Turbine Delivery Route Option 2	Cork	65875	TDR 25m intervals	574344.69	564806.48	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1197.45	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2668	Turbine Delivery Route Option 2	Cork	65900	TDR 25m intervals	574320.45	564812.38	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1222.40	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2669	Turbine Delivery Route Option 2	Cork	65925	TDR 25m intervals	574295.69	564815.79	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1247.26	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	*ITM*		*mbGL*	*50m*										*250m*						
2670	Turbine Delivery Route Option 2	Cork	65950	TDR 25m intervals	574270.92	564819.20	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1272.12	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2671	Turbine Delivery Route Option 2	Cork	65975	TDR 25m intervals	574246.12	564822.22	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1296.93	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2672	Turbine Delivery Route Option 2	Cork	66000	TDR 25m intervals	574221.13	564822.90	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1321.38	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2673	Turbine Delivery Route Option 2	Cork	66025	TDR 25m intervals	574196.14	564823.57	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1345.85	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2674	Turbine Delivery Route Option 2	Cork	66050	TDR 25m intervals	574171.16	564823.82	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1370.23	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2675	Turbine Delivery Route Option 2	Cork	66075	TDR 25m intervals	574146.19	564822.45	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1394.26	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2676	Turbine Delivery Route Option 2	Cork	66100	TDR 25m intervals	574121.23	564821.09	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1418.32	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2677	Turbine Delivery Route Option 2	Cork	66125	TDR 25m intervals	574096.27	564819.72	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1442.42	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2678	Turbine Delivery Route Option 2	Cork	66150	TDR 25m intervals	574071.74	564815.14	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1465.45	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2679	Turbine Delivery Route Option 2	Cork	66175	TDR 25m intervals	574047.29	564809.89	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1488.33	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2680	Turbine Delivery Route Option 2	Cork	66200	TDR 25m intervals	574022.85	564804.64	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1511.28	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2681	Turbine Delivery Route Option 2	Cork	66225	TDR 25m intervals	573998.70	564798.24	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1533.78	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2682	Turbine Delivery Route Option 2	Cork	66250	TDR 25m intervals	573974.78	564790.98	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1555.99	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2683	Turbine Delivery Route Option 2	Cork	66275	TDR 25m intervals	573950.86	564783.73	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1578.29	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2684	Turbine Delivery Route Option 2	Cork	66300	TDR 25m intervals	573926.94	564776.46	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	1600.65	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2685	Turbine Delivery Route Option 2	Cork	66325	TDR 25m intervals	573903.56	564767.59	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1622.31	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2686	Turbine Delivery Route Option 2	Cork	66350	TDR 25m intervals	573880.19	564758.73	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1644.06	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2687	Turbine Delivery Route Option 2	Cork	66375	TDR 25m intervals	573856.89	564749.69	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1665.81	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2688	Turbine Delivery Route Option 2	Cork	66400	TDR 25m intervals	573834.29	564738.98	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1686.71	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2689	Turbine Delivery Route Option 2	Cork	66425	TDR 25m intervals	573811.70	564728.28	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1707.73	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2690	Turbine Delivery Route Option 2	Cork	66450	TDR 25m intervals	573789.11	564717.57	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1728.85	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2691	Turbine Delivery Route Option 2	Cork	66475	TDR 25m intervals	573766.52	564706.86	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1750.08	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2692	Turbine Delivery Route Option 2	Cork	66500	TDR 25m intervals	573743.93	564696.15	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1771.40	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2693	Turbine Delivery Route Option 2	Cork	66525	TDR 25m intervals	573721.34	564685.44	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	1792.82	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2694	Turbine Delivery Route Option 2	Cork	66550	TDR 25m intervals	573698.75	564674.73	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1814.33	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2695	Turbine Delivery Route Option 2	Cork	66575	TDR 25m intervals	573676.16	564664.02	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1835.93	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2696	Turbine Delivery Route Option 2	Cork	66600	TDR 25m intervals	573653.57	564653.32	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1857.61	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2697	Turbine Delivery Route Option 2	Cork	66625	TDR 25m intervals	573630.98	564642.61	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1879.38	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2698	Turbine Delivery Route Option 2	Cork	66650	TDR 25m intervals	573608.39	564631.90	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1901.23	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2699	Turbine Delivery Route Option 2	Cork	66675	TDR 25m intervals	573585.80	564621.19	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1923.15	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2700	Turbine Delivery Route Option 2	Cork	66700	TDR 25m intervals	573563.21	564610.48	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1945.15	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2701	Turbine Delivery Route Option 2	Cork	66725	TDR 25m intervals	573540.62	564599.77	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1967.22	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2702	Turbine Delivery Route Option 2	Cork	66750	TDR 25m intervals	573518.03	564589.06	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	1989.36	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2703	Turbine Delivery Route Option 2	Cork	66775	TDR 25m intervals	573494.83	564579.75	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2012.21	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2704	Turbine Delivery Route Option 2	Cork	66800	TDR 25m intervals	573471.56	564570.62	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2035.20	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2705	Turbine Delivery Route Option 2	Cork	66825	TDR 25m intervals	573448.29	564561.48	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2058.23	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2706	Turbine Delivery Route Option 2	Cork	66850	TDR 25m intervals	573425.02	564552.35	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2081.31	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2707	Turbine Delivery Route Option 2	Cork	66875	TDR 25m intervals	573400.87	564545.89	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2105.35	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2708	Turbine Delivery Route Option 2	Cork	66900	TDR 25m intervals	573376.70	564539.50	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2129.43	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2709	Turbine Delivery Route Option 2	Cork	66925	TDR 25m intervals	573352.53	564533.11	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2153.54	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2710	Turbine Delivery Route Option 2	Cork	66950	TDR 25m intervals	573328.36	564526.72	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2177.67	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2711	Turbine Delivery Route Option 2	Cork	66975	TDR 25m intervals	573304.17	564520.46	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2201.83	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2712	Turbine Delivery Route Option 2	Cork	67000	TDR 25m intervals	573279.30	564517.95	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2226.71	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2713	Turbine Delivery Route Option 2	Cork	67025	TDR 25m intervals	573254.42	564515.44	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2251.58	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2714	Turbine Delivery Route Option 2	Cork	67050	TDR 25m intervals	573229.55	564512.92	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2276.46	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2715	Turbine Delivery Route Option 2	Cork	67075	TDR 25m intervals	573204.68	564510.41	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2301.34	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2716	Turbine Delivery Route Option 2	Cork	67100	TDR 25m intervals	573179.80	564507.90	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Lk) Locally Important	NA	NA	2326.22	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2717	Turbine Delivery Route Option 2	Cork	67125	TDR 25m intervals	573154.93	564505.39	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2351.11	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2718	Turbine Delivery Route Option 2	Cork	67150	TDR 25m intervals	573129.99	564506.79	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2376.04	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2719	Turbine Delivery Route Option 2	Cork	67175	TDR 25m intervals	573105.05	564508.48	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2400.99	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2720	Turbine Delivery Route Option 2	Cork	67200	TDR 25m intervals	573080.10	564510.16	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2425.93	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2721	Turbine Delivery Route Option 2	Cork	67225	TDR 25m intervals	573055.16	564511.85	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2450.88	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2722	Turbine Delivery Route Option 2	Cork	67250	TDR 25m intervals	573030.22	564513.53	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2475.82	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2723	Turbine Delivery Route Option 2	Cork	67275	TDR 25m intervals	573005.28	564515.22	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2500.77	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2724	Turbine Delivery Route Option 2	Cork	67300	TDR 25m intervals	572981.23	564521.63	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2524.83	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2725	Turbine Delivery Route Option 2	Cork	67325	TDR 25m intervals	572957.40	564529.19	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2548.70	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2726	Turbine Delivery Route Option 2	Cork	67350	TDR 25m intervals	572938.91	564542.38	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Lk) Locally Important	NA	NA	2567.31	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2727	Turbine Delivery Route Option 2	Cork	67375	TDR 25m intervals	572930.08	564565.77	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2576.50	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2728	Turbine Delivery Route Option 2	Cork	67400	TDR 25m intervals	572921.27	564589.16	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(Ll) Locally Important	NA	NA	2585.89	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2729	Turbine Delivery Route Option 2	Cork	67425	TDR 25m intervals	572911.35	564612.09	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2596.57	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2730	Turbine Delivery Route Option 2	Cork	67450	TDR 25m intervals	572900.54	564634.63	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2608.32	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2731	Turbine Delivery Route Option 2	Cork	67475	TDR 25m intervals	572889.73	564657.17	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2620.26	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2732	Turbine Delivery Route Option 2	Cork	67500	TDR 25m intervals	572878.62	564679.56	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2632.67	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2733	Turbine Delivery Route Option 2	Cork	67525	TDR 25m intervals	572866.31	564701.32	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2646.41	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2734	Turbine Delivery Route Option 2	Cork	67550	TDR 25m intervals	572854.00	564723.08	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2660.31	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2735	Turbine Delivery Route Option 2	Cork	67575	TDR 25m intervals	572841.86	564744.93	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2674.23	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2736	Turbine Delivery Route Option 2	Cork	67600	TDR 25m intervals	572829.92	564766.89	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2688.10	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2737	Turbine Delivery Route Option 2	Cork	67625	TDR 25m intervals	572817.98	564788.86	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2702.14	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2738	Turbine Delivery Route Option 2	Cork	67650	TDR 25m intervals	572806.04	564810.82	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2716.34	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2739	Turbine Delivery Route Option 2	Cork	67675	TDR 25m intervals	572794.10	564832.78	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2730.69	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2740	Turbine Delivery Route Option 2	Cork	67700	TDR 25m intervals	572788.23	564857.01	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2739.45	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2741	Turbine Delivery Route Option 2	Cork	67725	TDR 25m intervals	572782.87	564881.43	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2747.93	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2742	Turbine Delivery Route Option 2	Cork	67750	TDR 25m intervals	572780.32	564906.27	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2753.89	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2743	Turbine Delivery Route Option 2	Cork	67775	TDR 25m intervals	572778.27	564931.19	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2759.57	No	No	No	No	No	Tile_22	NA
2744	Turbine Delivery Route Option 2	Cork	67800	TDR 25m intervals	572776.23	564956.10	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2765.47	No	No	No	No	No	Tile_22	NA
2745	Turbine Delivery Route Option 2	Cork	67825	TDR 25m intervals	572774.19	564981.02	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2771.58	No	No	No	No	No	Tile_22	NA
2746	Turbine Delivery Route Option 2	Cork	67850	TDR 25m intervals	572772.14	565005.94	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2777.90	No	No	No	No	No	Tile_22	NA
2747	Turbine Delivery Route Option 2	Cork	67875	TDR 25m intervals	572770.10	565030.85	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2784.43	No	No	No	No	No	Tile_22	NA
2748	Turbine Delivery Route Option 2	Cork	67900	TDR 25m intervals	572768.05	565055.77	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2791.17	No	No	No	No	No	Tile_22	NA
2749	Turbine Delivery Route Option 2	Cork	67925	TDR 25m intervals	572766.01	565080.69	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2798.12	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2750	Turbine Delivery Route Option 2	Cork	67950	TDR 25m intervals	572763.86	565105.59	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2805.37	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2751	Turbine Delivery Route Option 2	Cork	67975	TDR 25m intervals	572761.43	565130.47	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2813.11	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2752	Turbine Delivery Route Option 2	Cork	68000	TDR 25m intervals	572758.99	565155.35	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2821.04	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2753	Turbine Delivery Route Option 2	Cork	68025	TDR 25m intervals	572756.55	565180.24	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2829.18	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2754	Turbine Delivery Route Option 2	Cork	68050	TDR 25m intervals	572754.11	565205.12	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2837.51	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2755	Turbine Delivery Route Option 2	Cork	68075	TDR 25m intervals	572751.67	565230.00	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2846.03	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2756	Turbine Delivery Route Option 2	Cork	68100	TDR 25m intervals	572749.24	565254.88	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2854.75	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2757	Turbine Delivery Route Option 2	Cork	68125	TDR 25m intervals	572746.80	565279.76	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2863.66	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2758	Turbine Delivery Route Option 2	Cork	68150	TDR 25m intervals	572743.71	565304.56	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2873.37	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2759	Turbine Delivery Route Option 2	Cork	68175	TDR 25m intervals	572740.14	565329.31	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2883.71	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2760	Turbine Delivery Route Option 2	Cork		TDR_WCC_233	572731.90	565353.20	WCC		Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2883.71	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2761	Turbine Delivery Route Option 2	Cork	68200	TDR 25m intervals	572736.57	565354.05	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2894.22	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2762	Turbine Delivery Route Option 2	Cork	68225	TDR 25m intervals	572733.00	565378.79	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2904.91	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2763	Turbine Delivery Route Option 2	Cork	68250	TDR 25m intervals	572729.44	565403.54	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2915.77	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2764	Turbine Delivery Route Option 2	Cork	68275	TDR 25m intervals	572725.87	565428.28	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2926.81	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2765	Turbine Delivery Route Option 2	Cork	68300	TDR 25m intervals	572722.30	565453.03	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2938.02	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2766	Turbine Delivery Route Option 2	Cork	68325	TDR 25m intervals	572717.86	565477.56	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2950.15	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2767	Turbine Delivery Route Option 2	Cork	68350	TDR 25m intervals	572709.64	565501.17	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2965.70	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2768	Turbine Delivery Route Option 2	Cork	68375	TDR 25m intervals	572701.41	565524.77	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2981.39	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2769	Turbine Delivery Route Option 2	Cork	68400	TDR 25m intervals	572693.19	565548.38	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	2997.20	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2770	Turbine Delivery Route Option 2	Cork	68425	TDR 25m intervals	572684.96	565571.99	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3013.13	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2771	Turbine Delivery Route Option 2	Cork	68450	TDR 25m intervals	572674.28	565594.55	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3031.11	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2772	Turbine Delivery Route Option 2	Cork	68475	TDR 25m intervals	572662.89	565616.80	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3049.73	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2773	Turbine Delivery Route Option 2	Cork	68500	TDR 25m intervals	572651.50	565639.06	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3068.45	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2774	Turbine Delivery Route Option 2	Cork	68525	TDR 25m intervals	572640.12	565661.31	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3087.25	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2775	Turbine Delivery Route Option 2	Cork	68550	TDR 25m intervals	572626.30	565682.03	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(Ll) Locally Important	NA	NA	3107.82	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2776	Turbine Delivery Route Option 2	Cork	68575	TDR 25m intervals	572611.01	565701.81	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3129.45	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2777	Turbine Delivery Route Option 2	Cork	68600	TDR 25m intervals	572595.73	565721.59	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3151.13	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2778	Turbine Delivery Route Option 2	Cork	68625	TDR 25m intervals	572580.44	565741.37	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3172.86	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2779	Turbine Delivery Route Option 2	Cork	68650	TDR 25m intervals	572564.15	565760.23	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3195.20	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2780	Turbine Delivery Route Option 2	Cork	68675	TDR 25m intervals	572545.63	565777.03	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3218.82	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2781	Turbine Delivery Route Option 2	Cork	68700	TDR 25m intervals	572527.12	565793.83	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3242.45	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2782	Turbine Delivery Route Option 2	Cork	68725	TDR 25m intervals	572508.61	565810.63	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3266.11	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2783	Turbine Delivery Route Option 2	Cork	68750	TDR 25m intervals	572490.09	565827.43	NA	NA	Yes	HILLTOWN_010	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3289.79	No	No	No	No	No	Tile_22	ELEVATED RISK Within SW Buffer Zone
2784	Turbine Delivery Route Option 2	Cork	68775	TDR 25m intervals	572471.58	565844.23	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3313.48	No	No	No	No	No	Tile_22	NA
2785	Turbine Delivery Route Option 2	Cork	68800	TDR 25m intervals	572451.77	565859.24	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3337.66	No	No	No	No	No	Tile_22	NA
2786	Turbine Delivery Route Option 2	Cork	68825	TDR 25m intervals	572430.02	565871.56	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3362.54	No	No	No	No	No	Tile_22	NA
2787	Turbine Delivery Route Option 2	Cork	68850	TDR 25m intervals	572408.27	565883.89	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3387.42	No	No	No	No	No	Tile_22	NA
2788	Turbine Delivery Route Option 2	Cork	68875	TDR 25m intervals	572386.52	565896.22	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3412.30	No	No	No	No	No	Tile_22	NA
2789	Turbine Delivery Route Option 2	Cork	68900	TDR 25m intervals	572364.77	565908.54	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3437.19	No	No	No	No	No	Tile_22	NA
2790	Turbine Delivery Route Option 2	Cork	68925	TDR 25m intervals	572343.02	565920.87	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3462.07	No	No	No	No	No	Tile_22	NA
2791	Turbine Delivery Route Option 2	Cork	68950	TDR 25m intervals	572321.27	565933.19	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3486.96	No	No	No	No	No	Tile_22	NA
2792	Turbine Delivery Route Option 2	Cork	68975	TDR 25m intervals	572299.46	565945.41	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3511.86	No	No	No	No	No	Tile_22	NA
2793	Turbine Delivery Route Option 2	Cork	69000	TDR 25m intervals	572277.61	565957.56	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3536.77	Yes	No	No	No	No	Tile_22	ELEVATED RISK Within GW Buffer Zone
2794	Turbine Delivery Route Option 2	Cork	69025	TDR 25m intervals	572255.77	565969.72	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3561.68	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2795	Turbine Delivery Route Option 2	Cork	69050	TDR 25m intervals	572233.92	565981.88	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3586.59	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2796	Turbine Delivery Route Option 2	Cork	69075	TDR 25m intervals	572212.07	565994.03	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3611.50	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2797	Turbine Delivery Route Option 2	Cork	69100	TDR 25m intervals	572190.23	566006.19	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3636.42	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2798	Turbine Delivery Route Option 2	Cork	69125	TDR 25m intervals	572168.38	566018.34	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3661.33	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2799	Turbine Delivery Route Option 2	Cork	69150	TDR 25m intervals	572146.54	566030.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3686.25	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2800	Turbine Delivery Route Option 2	Cork	69175	TDR 25m intervals	572124.69	566042.66	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3711.17	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2801	Turbine Delivery Route Option 2	Cork	69200	TDR 25m intervals	572102.85	566054.81	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3736.09	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2802	Turbine Delivery Route Option 2	Cork	69225	TDR 25m intervals	572081.00	566066.97	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3761.01	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2803	Turbine Delivery Route Option 2	Cork	69250	TDR 25m intervals	572059.16	566079.13	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3785.93	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2804	Turbine Delivery Route Option 2	Cork	69275	TDR 25m intervals	572037.31	566091.28	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3810.85	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2805	Turbine Delivery Route Option 2	Cork	69300	TDR 25m intervals	572015.82	566104.01	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3835.68	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2806	Turbine Delivery Route Option 2	Cork	69325	TDR 25m intervals	571995.24	566118.21	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3860.30	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2807	Turbine Delivery Route Option 2	Cork	69350	TDR 25m intervals	571974.67	566132.41	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3884.93	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2808	Turbine Delivery Route Option 2	Cork	69375	TDR 25m intervals	571954.09	566146.61	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3909.55	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2809	Turbine Delivery Route Option 2	Cork	69400	TDR 25m intervals	571933.51	566160.81	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3934.19	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2810	Turbine Delivery Route Option 2	Cork	69425	TDR 25m intervals	571912.94	566175.01	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3958.82	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2811	Turbine Delivery Route Option 2	Cork	69450	TDR 25m intervals	571892.36	566189.21	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	3983.47	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2812	Turbine Delivery Route Option 2	Cork	69475	TDR 25m intervals	571871.79	566203.41	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4008.11	No	No	No	No	No	Tile_21	NA
2813	Turbine Delivery Route Option 2	Cork	69500	TDR 25m intervals	571851.21	566217.61	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4032.76	No	No	No	No	No	Tile_21	NA
2814	Turbine Delivery Route Option 2	Cork	69525	TDR 25m intervals	571830.81	566232.05	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4057.36	No	No	No	No	No	Tile_21	NA
2815	Turbine Delivery Route Option 2	Cork	69550	TDR 25m intervals	571810.74	566246.96	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4081.87	No	No	No	No	No	Tile_21	NA
2816	Turbine Delivery Route Option 2	Cork	69575	TDR 25m intervals	571790.67	566261.87	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4106.37	No	No	No	No	No	Tile_21	NA
2817	Turbine Delivery Route Option 2	Cork	69600	TDR 25m intervals	571770.60	566276.77	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4130.89	No	No	No	No	No	Tile_21	NA
2818	Turbine Delivery Route Option 2	Cork	69625	TDR 25m intervals	571750.54	566291.68	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4155.41	No	No	No	No	No	Tile_21	NA
2819	Turbine Delivery Route Option 2	Cork	69650	TDR 25m intervals	571730.47	566306.59	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4179.93	No	No	No	No	No	Tile_21	NA
2820	Turbine Delivery Route Option 2	Cork	69675	TDR 25m intervals	571710.40	566321.50	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4204.46	No	No	No	No	No	Tile_21	NA
2821	Turbine Delivery Route Option 2	Cork	69700	TDR 25m intervals	571690.33	566336.40	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4229.00	No	No	No	No	No	Tile_21	NA
2822	Turbine Delivery Route Option 2	Cork	69725	TDR 25m intervals	571670.26	566351.31	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4253.54	No	No	No	No	No	Tile_21	NA
2823	Turbine Delivery Route Option 2	Cork	69750	TDR 25m intervals	571650.19	566366.22	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4278.09	No	No	No	No	No	Tile_21	NA
2824	Turbine Delivery Route Option 2	Cork	69775	TDR 25m intervals	571630.12	566381.13	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	4302.64	No	No	No	No	No	Tile_21	NA
2825	Turbine Delivery Route Option 2	Cork	69800	TDR 25m intervals	571610.05	566396.03	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4327.20	No	No	No	No	No	Tile_21	NA
2826	Turbine Delivery Route Option 2	Cork	69825	TDR 25m intervals	571589.98	566410.94	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4351.76	No	No	No	No	No	Tile_21	NA
2827	Turbine Delivery Route Option 2	Cork	69850	TDR 25m intervals	571569.91	566425.85	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4376.33	No	No	No	No	No	Tile_21	NA
2828	Turbine Delivery Route Option 2	Cork	69875	TDR 25m intervals	571549.84	566440.76	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4400.90	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2829	Turbine Delivery Route Option 2	Cork	69900	TDR 25m intervals	571529.78	566455.66	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4425.48	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2830	Turbine Delivery Route Option 2	Cork	69925	TDR 25m intervals	571509.71	566470.57	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	CAVE	4450.06	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2831	Turbine Delivery Route Option 2	Cork	69950	TDR 25m intervals	571489.64	566485.48	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	CAVE	4474.64	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2832	Turbine Delivery Route Option 2	Cork	69975	TDR 25m intervals	571469.57	566500.39	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	CAVE	4499.24	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2833	Turbine Delivery Route Option 2	Cork	70000	TDR 25m intervals	571449.50	566515.29	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	CAVE	4523.83	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2834	Turbine Delivery Route Option 2	Cork	70025	TDR 25m intervals	571429.43	566530.20	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	CAVE	4548.43	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within a Karst 25m buffer Within GW Buffer Zone
2835	Turbine Delivery Route Option 2	Cork	70050	TDR 25m intervals	571409.36	566545.11	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4573.04	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2836	Turbine Delivery Route Option 2	Cork	70075	TDR 25m intervals	571389.29	566560.02	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4597.65	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2837	Turbine Delivery Route Option 2	Cork	70100	TDR 25m intervals	571369.22	566574.92	NA	NA	No	NA	HILLTOWN_010	Owenboy[Cork]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4622.26	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2838	Turbine Delivery Route Option 2	Cork	70125	TDR 25m intervals	571349.15	566589.83	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4595.10	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2839	Turbine Delivery Route Option 2	Cork	70150	TDR 25m intervals	571329.08	566604.74	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4575.88	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2840	Turbine Delivery Route Option 2	Cork	70175	TDR 25m intervals	571309.02	566619.65	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4556.70	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2841	Turbine Delivery Route Option 2	Cork	70200	TDR 25m intervals	571289.20	566634.85	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4537.36	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2842	Turbine Delivery Route Option 2	Cork	70225	TDR 25m intervals	571271.25	566652.25	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4516.34	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2843	Turbine Delivery Route Option 2	Cork	70250	TDR 25m intervals	571253.30	566669.65	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4495.37	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2844	Turbine Delivery Route Option 2	Cork	70275	TDR 25m intervals	571239.15	566690.11	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4472.29	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2845	Turbine Delivery Route Option 2	Cork	70300	TDR 25m intervals	571226.01	566711.38	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4448.66	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2846	Turbine Delivery Route Option 2	Cork	70325	TDR 25m intervals	571212.88	566732.65	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4425.04	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2847	Turbine Delivery Route Option 2	Cork	70350	TDR 25m intervals	571200.03	566754.09	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4401.34	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2848	Turbine Delivery Route Option 2	Cork	70375	TDR 25m intervals	571188.10	566776.06	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4377.32	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2849	Turbine Delivery Route Option 2	Cork	70400	TDR 25m intervals	571176.17	566798.03	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4353.32	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2850	Turbine Delivery Route Option 2	Cork	70425	TDR 25m intervals	571164.24	566820.00	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4329.32	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2851	Turbine Delivery Route Option 2	Cork	70450	TDR 25m intervals	571152.32	566841.97	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4305.34	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2852	Turbine Delivery Route Option 2	Cork	70475	TDR 25m intervals	571140.39	566863.94	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4281.37	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2853	Turbine Delivery Route Option 2	Cork	70500	TDR 25m intervals	571128.46	566885.91	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4257.41	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2854	Turbine Delivery Route Option 2	Cork	70525	TDR 25m intervals	571116.89	566908.07	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4233.36	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2855	Turbine Delivery Route Option 2	Cork	70550	TDR 25m intervals	571105.66	566930.41	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4209.21	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2856	Turbine Delivery Route Option 2	Cork	70575	TDR 25m intervals	571094.43	566952.74	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4185.07	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2857	Turbine Delivery Route Option 2	Cork	70600	TDR 25m intervals	571083.20	566975.08	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4160.94	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2858	Turbine Delivery Route Option 2	Cork	70625	TDR 25m intervals	571071.97	566997.41	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4136.82	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2859	Turbine Delivery Route Option 2	Cork	70650	TDR 25m intervals	571062.36	567020.48	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4112.31	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2860	Turbine Delivery Route Option 2	Cork	70675	TDR 25m intervals	571053.13	567043.71	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4087.72	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2861	Turbine Delivery Route Option 2	Cork	70700	TDR 25m intervals	571043.90	567066.95	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4063.13	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2862	Turbine Delivery Route Option 2	Cork	70725	TDR 25m intervals	571034.68	567090.18	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4038.54	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2863	Turbine Delivery Route Option 2	Cork	70750	TDR 25m intervals	571025.45	567113.42	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	4013.96	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2864	Turbine Delivery Route Option 2	Cork	70775	TDR 25m intervals	571017.39	567137.08	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3989.19	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2865	Turbine Delivery Route Option 2	Cork	70800	TDR 25m intervals	571009.50	567160.80	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3964.40	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2866	Turbine Delivery Route Option 2	Cork	70825	TDR 25m intervals	571004.11	567185.10	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3939.52	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2867	Turbine Delivery Route Option 2	Cork	70850	TDR 25m intervals	571000.83	567209.88	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3914.56	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2868	Turbine Delivery Route Option 2	Cork	70875	TDR 25m intervals	570997.55	567234.66	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3889.60	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2869	Turbine Delivery Route Option 2	Cork	70900	TDR 25m intervals	570994.27	567259.45	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3864.64	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2870	Turbine Delivery Route Option 2	Cork	70925	TDR 25m intervals	570991.62	567284.29	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3839.74	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2871	Turbine Delivery Route Option 2	Cork	70950	TDR 25m intervals	570990.08	567309.25	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3814.95	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2872	Turbine Delivery Route Option 2	Cork	70975	TDR 25m intervals	570988.54	567334.20	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3790.17	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2873	Turbine Delivery Route Option 2	Cork	71000	TDR 25m intervals	570986.99	567359.15	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3765.38	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2874	Turbine Delivery Route Option 2	Cork	71025	TDR 25m intervals	570985.45	567384.10	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3740.60	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone
2875	Turbine Delivery Route Option 2	Cork	71050	TDR 25m intervals	570986.48	567409.00	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3716.38	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within SW Buffer Zone Within GW Buffer Zone

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2876	Turbine Delivery Route Option 2	Cork	71075	TDR 25m intervals	570989.02	567433.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3692.49	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2877	Turbine Delivery Route Option 2	Cork	71100	TDR 25m intervals	570991.56	567458.74	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3668.63	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2878	Turbine Delivery Route Option 2	Cork	71125	TDR 25m intervals	570994.10	567483.62	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3644.77	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2879	Turbine Delivery Route Option 2	Cork	71150	TDR 25m intervals	570996.64	567508.49	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3620.93	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2880	Turbine Delivery Route Option 2	Cork	71175	TDR 25m intervals	570999.90	567533.24	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3597.37	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2881	Turbine Delivery Route Option 2	Cork	71200	TDR 25m intervals	571005.05	567557.71	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3574.51	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2882	Turbine Delivery Route Option 2	Cork	71225	TDR 25m intervals	571010.20	567582.17	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3551.68	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2883	Turbine Delivery Route Option 2	Cork	71250	TDR 25m intervals	571015.35	567606.64	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3528.87	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2884	Turbine Delivery Route Option 2	Cork	71275	TDR 25m intervals	571020.51	567631.10	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3506.10	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2885	Turbine Delivery Route Option 2	Cork	71300	TDR 25m intervals	571025.66	567655.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3483.36	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2886	Turbine Delivery Route Option 2	Cork	71325	TDR 25m intervals	571035.58	567678.44	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	3463.26	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2887	Turbine Delivery Route Option 2	Cork	71350	TDR 25m intervals	571046.06	567701.14	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3443.53	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2888	Turbine Delivery Route Option 2	Cork	71375	TDR 25m intervals	571056.54	567723.84	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3423.87	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2889	Turbine Delivery Route Option 2	Cork	71400	TDR 25m intervals	571067.02	567746.54	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3404.28	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2890	Turbine Delivery Route Option 2	Cork	71425	TDR 25m intervals	571077.50	567769.23	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3384.77	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2891	Turbine Delivery Route Option 2	Cork	71450	TDR 25m intervals	571087.98	567791.93	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3365.32	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2892	Turbine Delivery Route Option 2	Cork	71475	TDR 25m intervals	571099.69	567814.01	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3346.86	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2893	Turbine Delivery Route Option 2	Cork	71500	TDR 25m intervals	571111.82	567835.87	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3328.81	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2894	Turbine Delivery Route Option 2	Cork	71525	TDR 25m intervals	571123.94	567857.73	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3310.84	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2895	Turbine Delivery Route Option 2	Cork	71550	TDR 25m intervals	571136.07	567879.59	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3292.96	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2896	Turbine Delivery Route Option 2	Cork	71575	TDR 25m intervals	571148.20	567901.45	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3275.18	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2897	Turbine Delivery Route Option 2	Cork	71600	TDR 25m intervals	571160.33	567923.31	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3257.49	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2898	Turbine Delivery Route Option 2	Cork	71625	TDR 25m intervals	571172.46	567945.17	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3239.90	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2899	Turbine Delivery Route Option 2	Cork	71650	TDR 25m intervals	571184.59	567967.03	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3222.40	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2900	Turbine Delivery Route Option 2	Cork	71675	TDR 25m intervals	571196.72	567988.89	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3205.01	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2901	Turbine Delivery Route Option 2	Cork	71700	TDR 25m intervals	571208.85	568010.75	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3187.71	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2902	Turbine Delivery Route Option 2	Cork	71725	TDR 25m intervals	571220.98	568032.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3170.52	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2903	Turbine Delivery Route Option 2	Cork	71750	TDR 25m intervals	571233.10	568054.47	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3153.44	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2904	Turbine Delivery Route Option 2	Cork	71775	TDR 25m intervals	571245.23	568076.33	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3136.46	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2905	Turbine Delivery Route Option 2	Cork	71800	TDR 25m intervals	571257.36	568098.19	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3119.59	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2906	Turbine Delivery Route Option 2	Cork	71825	TDR 25m intervals	571269.49	568120.06	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3102.83	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2907	Turbine Delivery Route Option 2	Cork	71850	TDR 25m intervals	571281.62	568141.92	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3086.18	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2908	Turbine Delivery Route Option 2	Cork	71875	TDR 25m intervals	571293.75	568163.78	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3069.64	Yes	No	No	No	No	Tile_21	ELEVATED RISK Within GW Buffer Zone
2909	Turbine Delivery Route Option 2	Cork	71900	TDR 25m intervals	571305.88	568185.64	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3053.22	No	No	No	No	No	Tile_21	NA
2910	Turbine Delivery Route Option 2	Cork	71925	TDR 25m intervals	571318.01	568207.50	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3036.91	No	No	No	No	No	Tile_21	NA
2911	Turbine Delivery Route Option 2	Cork	71950	TDR 25m intervals	571330.14	568229.36	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3020.73	No	No	No	No	No	Tile_21	NA
2912	Turbine Delivery Route Option 2	Cork	71975	TDR 25m intervals	571342.27	568251.22	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	3004.66	No	No	No	No	No	Tile_21	NA
2913	Turbine Delivery Route Option 2	Cork	72000	TDR 25m intervals	571354.39	568273.08	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2988.72	No	No	No	No	No	Tile_21	NA
2914	Turbine Delivery Route Option 2	Cork	72025	TDR 25m intervals	571366.52	568294.94	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2972.90	No	No	No	No	No	Tile_21	NA
2915	Turbine Delivery Route Option 2	Cork	72050	TDR 25m intervals	571378.51	568316.88	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2957.09	No	No	No	No	No	Tile_21	NA
2916	Turbine Delivery Route Option 2	Cork	72075	TDR 25m intervals	571390.35	568338.90	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2941.27	No	No	No	No	No	Tile_21	NA
2917	Turbine Delivery Route Option 2	Cork	72100	TDR 25m intervals	571402.19	568360.92	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2925.58	No	No	No	No	No	Tile_21	NA
2918	Turbine Delivery Route Option 2	Cork	72125	TDR 25m intervals	571414.03	568382.94	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2910.01	No	No	No	No	No	Tile_18	NA
2919	Turbine Delivery Route Option 2	Cork	72150	TDR 25m intervals	571425.86	568404.96	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2894.58	No	No	No	No	No	Tile_18	NA
2920	Turbine Delivery Route Option 2	Cork	72175	TDR 25m intervals	571437.70	568426.97	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2879.29	No	No	No	No	No	Tile_18	NA
2921	Turbine Delivery Route Option 2	Cork	72200	TDR 25m intervals	571449.54	568448.99	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2864.13	No	No	No	No	No	Tile_18	NA
2922	Turbine Delivery Route Option 2	Cork	72225	TDR 25m intervals	571461.38	568471.01	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2849.11	No	No	No	No	No	Tile_18	NA
2923	Turbine Delivery Route Option 2	Cork	72250	TDR 25m intervals	571473.22	568493.03	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2834.23	No	No	No	No	No	Tile_18	NA
2924	Turbine Delivery Route Option 2	Cork	72275	TDR 25m intervals	571485.06	568515.05	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2819.50	No	No	No	No	No	Tile_18	NA
2925	Turbine Delivery Route Option 2	Cork	72300	TDR 25m intervals	571496.90	568537.07	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2804.90	No	No	No	No	No	Tile_18	NA
2926	Turbine Delivery Route Option 2	Cork	72325	TDR 25m intervals	571508.73	568559.09	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2790.46	No	No	No	No	No	Tile_18	NA
2927	Turbine Delivery Route Option 2	Cork	72350	TDR 25m intervals	571519.82	568581.48	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2775.50	No	No	No	No	No	Tile_18	NA
2928	Turbine Delivery Route Option 2	Cork	72375	TDR 25m intervals	571529.97	568604.33	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2759.84	No	No	No	No	No	Tile_18	NA
2929	Turbine Delivery Route Option 2	Cork	72400	TDR 25m intervals	571540.11	568627.18	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2744.32	No	No	No	No	No	Tile_18	NA
2930	Turbine Delivery Route Option 2	Cork	72425	TDR 25m intervals	571550.26	568650.02	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2728.94	No	No	No	No	No	Tile_18	NA
2931	Turbine Delivery Route Option 2	Cork	72450	TDR 25m intervals	571560.41	568672.87	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2713.70	No	No	No	No	No	Tile_18	NA
2932	Turbine Delivery Route Option 2	Cork	72475	TDR 25m intervals	571570.66	568695.67	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2698.70	No	No	No	No	No	Tile_18	NA
2933	Turbine Delivery Route Option 2	Cork	72500	TDR 25m intervals	571580.90	568718.48	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2683.84	No	No	No	No	No	Tile_18	NA
2934	Turbine Delivery Route Option 2	Cork	72525	TDR 25m intervals	571590.17	568741.56	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2668.41	No	No	No	No	No	Tile_18	NA

Appendix 10.3b - Baseline Database - Turbine Delivery Route Option 2 - Cork
Tullacondra WF, Co. Cork

Project Ref. 604162
Prepared by: Cca / DW
Date: 17/11/2023
File Ref: 604162 TWF-Geo-R1-App10.3b-{00}-Baseline Database - Turbine Delivery Route Option 2

	TDR		Assessment Location		Grid Coordinates (ITM)		Construction Details		Surface Water				Groundwater / Bedrock Aquifer						Groundwater / Wells / Abstractio		Designated Areas			Assessment Graphics / Comment	
Row No.	Turbine Delivery Route (TDR)	County	Location ID	Assessment Location Category	Easting	Northing	Type of Water Crossing / Construction Activity	Approximate Construction Depth (Excavation / Drilling) Depth Relative to Ground Level)	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)	Karst 25m buffer	Distance to Karst Feature	GW Abstraction 250m Buffer	Groundwater Source Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
					ITM	ITM		mbGL	50m										250m						
2935	Turbine Delivery Route Option 2	Cork	72550	TDR 25m intervals	571593.55	568766.33	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2648.68	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2936	Turbine Delivery Route Option 2	Cork	72575	TDR 25m intervals	571596.94	568791.10	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Rock near surface or karst (X)	0	(LI) Locally Important	NA	NA	2629.05	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2937	Turbine Delivery Route Option 2	Cork	72600	TDR 25m intervals	571600.32	568815.87	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2609.51	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2938	Turbine Delivery Route Option 2	Cork	72625	TDR 25m intervals	571603.70	568840.64	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2590.06	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2939	Turbine Delivery Route Option 2	Cork	72650	TDR 25m intervals	571604.81	568865.60	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2569.36	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2940	Turbine Delivery Route Option 2	Cork	72675	TDR 25m intervals	571605.59	568890.59	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2548.53	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2941	Turbine Delivery Route Option 2	Cork	72700	TDR 25m intervals	571606.37	568915.58	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2527.77	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2942	Turbine Delivery Route Option 2	Cork	72725	TDR 25m intervals	571607.15	568940.57	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2507.10	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2943	Turbine Delivery Route Option 2	Cork	72750	TDR 25m intervals	571607.92	568965.55	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2486.50	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2944	Turbine Delivery Route Option 2	Cork	72775	TDR 25m intervals	571608.70	568990.54	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2465.99	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2945	Turbine Delivery Route Option 2	Cork	72800	TDR 25m intervals	571609.48	569015.53	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2445.56	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2946	Turbine Delivery Route Option 2	Cork	72825	TDR 25m intervals	571610.26	569040.52	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2425.21	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2947	Turbine Delivery Route Option 2	Cork	72850	TDR 25m intervals	571611.03	569065.51	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2404.95	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2948	Turbine Delivery Route Option 2	Cork	72875	TDR 25m intervals	571611.15	569090.50	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2384.40	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2949	Turbine Delivery Route Option 2	Cork	72900	TDR 25m intervals	571610.83	569115.50	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2363.69	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2950	Turbine Delivery Route Option 2	Cork	72925	TDR 25m intervals	571610.51	569140.49	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2343.05	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2951	Turbine Delivery Route Option 2	Cork	72950	TDR 25m intervals	571610.18	569165.49	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2322.51	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2952	Turbine Delivery Route Option 2	Cork	72975	TDR 25m intervals	571609.86	569190.49	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2302.04	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2953	Turbine Delivery Route Option 2	Cork	73000	TDR 25m intervals	571609.54	569215.49	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2281.67	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2954	Turbine Delivery Route Option 2	Cork	73025	TDR 25m intervals	571609.21	569240.49	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Extreme (E)	1 to 3m	(LI) Locally Important	NA	NA	2261.40	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2955	Turbine Delivery Route Option 2	Cork	73050	TDR 25m intervals	571608.89	569265.48	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2241.22	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2956	Turbine Delivery Route Option 2	Cork	73075	TDR 25m intervals	571608.57	569290.48	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2221.13	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2957	Turbine Delivery Route Option 2	Cork		TDR_WCC_232	571607.22	569310.49	WCC		Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2221.13	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2958	Turbine Delivery Route Option 2	Cork	73100	TDR 25m intervals	571606.93	569315.32	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2200.47	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2959	Turbine Delivery Route Option 2	Cork	73125	TDR 25m intervals	571601.32	569339.69	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2177.82	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2960	Turbine Delivery Route Option 2	Cork	73150	TDR 25m intervals	571595.72	569364.05	NA	NA	Yes	MONEYGURNEY_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2155.21	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2961	Turbine Delivery Route Option 2	Cork	73175	TDR 25m intervals	571590.11	569388.41	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2132.66	No	No	No	No	No	Tile_18	NA
2962	Turbine Delivery Route Option 2	Cork	73200	TDR 25m intervals	571584.51	569412.78	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2110.17	No	No	No	No	No	Tile_18	NA
2963	Turbine Delivery Route Option 2	Cork	73225	TDR 25m intervals	571578.91	569437.14	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2087.74	No	No	No	No	No	Tile_18	NA
2964	Turbine Delivery Route Option 2	Cork	73250	TDR 25m intervals	571573.19	569461.45	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2065.33	No	No	No	No	No	Tile_18	NA
2965	Turbine Delivery Route Option 2	Cork	73275	TDR 25m intervals	571557.13	569480.61	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2040.33	No	No	No	No	No	Tile_18	NA
2966	Turbine Delivery Route Option 2	Cork	73300	TDR 25m intervals	571541.07	569499.77	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	2015.32	No	No	No	No	No	Tile_18	NA
2967	Turbine Delivery Route Option 2	Cork	73325	TDR 25m intervals	571525.02	569518.93	NA	NA	Yes	CHARLEVILLE STREAM_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	High (H)	3 to 5m	(LI) Locally Important	NA	NA	1990.32	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2968	Turbine Delivery Route Option 2	Cork	73350	TDR 25m intervals	571508.96	569538.09	NA	NA	Yes	CHARLEVILLE STREAM_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1965.32	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2969	Turbine Delivery Route Option 2	Cork	73375	TDR 25m intervals	571492.86	569557.21	NA	NA	Yes	CHARLEVILLE STREAM_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1940.32	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2970	Turbine Delivery Route Option 2	Cork	73400	TDR 25m intervals	571473.36	569572.86	NA	NA	Yes	CHARLEVILLE STREAM_010	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1915.84	No	No	No	No	No	Tile_18	ELEVATED RISK Within SW Buffer Zone
2971	Turbine Delivery Route Option 2	Cork	73425	TDR 25m intervals	571453.86	569588.50	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1891.37	No	No	No	No	No	Tile_18	NA
2972	Turbine Delivery Route Option 2	Cork	73450	TDR 25m intervals	571434.36	569604.15	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1866.92	No	No	No	No	No	Tile_18	NA
2973	Turbine Delivery Route Option 2	Cork	73475	TDR 25m intervals	571414.86	569619.79	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(LI) Locally Important	NA	NA	1842.48	No	No	No	No	No	Tile_18	NA
2974	Turbine Delivery Route Option 2	Cork	73500	TDR 25m intervals	571395.36	569635.43	NA	NA	No	NA	MONEYGURNEY_010	Glasheen[Corkcity]_SC_010	Moderate (M)	5 to 10m	(Lk) Locally Important	NA	NA	1818.06	No	No	No	No	No	Tile_18	NA

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CHAPTER 10– SOILS AND GEOLOGY

Appendix 10.4: Guidance Documents

APPENDIX 10.4 – GUIDANCE DOCUMENTS

Relevant Legislation and Guidance

This assessment complies with Directive 2011/92/EU as amended by 2014/52/EU (the EIA Directive) which requires Environmental Impact Assessment for certain types of major development before development consent is granted. This assessment was undertaken in accordance with the following Irish legislation (transposition of the directive):

- SI No. 296 of 2018: European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018.

In addition to this planning legislation, environmental legislation relevant to geological, geotechnical, hydrological, and hydrogeological aspects of the environment were referred to, such as:

- SI No. 30 of 2000: Planning and Development Act 2000 (e.g., Sections 212 (1) f; Part IV, 6; Fifth Schedule Condition 21).
- SI No. 600 of 2001: Planning and Development Regulations 2001, (as amended)
- SI No. 4 of 1995: The Heritage Act 1995,
- SI No. 33 of 2000: The Wildlife (Amendment) Act, 2000.

This assessment has been prepared using, the following guidance documents, which take account of the aforementioned legislation and policy:

- British Standards Institution (BSI) (1999) Code of Practice for Site Investigations - BS 5930
- Department of the Environment, Heritage and Local Government (DEHLG) (2006) Wind Energy Development Guidelines
- Department of Housing, Planning, Community and Local Government (DHPLG) (2017) Interim Guidelines for Planning Authorities on Statutory Plans, Renewable Energy and Climate Change
- European Commission (EC) (2021) EU Soil Strategy for 2030
- EC (2017) Guidance on the preparation of the Environmental Impact Assessment Report
- EPA (2022) Guidelines on the Information to be Contained in Environmental Effect Assessment Reports
- Institute of Geologists of Ireland (IGI) (2002) Geology in Environmental Effect Statements – A guide
- IGI (2013) Guidelines for the Preparation of Soils, Geology and Hydrogeology Chapters of Environmental Effect Statements
- Irish Wind Energy Association (IWEA) (2012) Best Practice Guidelines for the Irish Wind Energy Industry
- National Roads Authority (NRA) (2008a) Guidelines on Procedures for the Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes
- NRA (2008b) Environmental Effect Assessment of National Road Schemes – A Practical Guide – Rev 1
- Scottish National Heritage (SNH) (2013) A Handbook on Environmental Effect Assessment

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Appendix 10.5: Assessment of Likely Effects and Mitigated Residual Effects

Impact / effect	Receptor	Sensitivity of receptor (Table 10.1)*	Probability	Beneficial / Adverse / Neutral	Extent	Direct / Indirect	Duration	Reversible	Magnitude of effect (Table 10.2)	Significance of unmitigated likely Effects (Table 10.3 and Table 10.4)	Summary of Proposed Mitigation	Significance of Residual Effects (Table 10.3 and Table 10.4)	Significant / Not Signficant
Construction phase													
Land take	Agrigultural Land	Medium	Likely	Adverse	Development footprint	Direct	Short to long-term	Reversible through reinstatement	Moderate adverse (>15%)	Moderate	Design, minimise footprint, reinstate following construction	Slight	Not Significant
Land take	Land	Low	Likely	Adverse	Localised	Direct	Temporary	Reversible through reinstatement	Small adverse (<15%)	Not Significant	Design, minimise footprint, reinstate following construction	Not Significant	Not Significant
Land take	Land	Low	Likely	Adverse	Localised	Direct	Temporary	Reversible through reinstatement	Small adverse	Not Significant	Design, minimise footprint, reinstate following construction	Not Significant	Not Significant
Ground or Soil Sealing	Topsoil / Subsoil	Medium	Likely	Adverse	Localised	Direct	Long-term	Reversible through reinstatement	Small adverse	Slight	Design, use semi permeable material along access tracks	Slight	Not Significant
Compaction	Topsoil / Subsoil / Agricultural land	Medium / High	Likely	Adverse	Development footprint; localised	Direct	Permanent	Irreversible	Small adverse	Slight to Moderate	Design, minimise footprint, vehicle movement restricted to development footprint	Slight	Not Significant
Erosion and degradation	Topsoil	High	Likely	Adverse	Development footprint; localised	Direct	Permanent	Irreversible	Small adverse	Slight to Moderate	Limit soil exposure, limit vehicular movement, cover exposed soils, cease activity during weather, reuse as quick as possible, reinstate following construction	Slight	Not Significant
Erosion and degradation	Subsoil	Medium	Likely	Adverse	Development footprint; localised	Direct	Permanent	Irreversible	Small adverse	Slight	Limit soil exposure, limit vehicular movement, cover exposed soils, cease activity during weather, reuse as quick as possible, reinstate following construction	Slight	Not Significant
Topsoil removal	Topsoil	High	Likely	Adverse	Development footprint	Direct	Short to long-term	Reversible through reinstatement	Moderate adverse	Moderate to Significant	Reuse, reinstatement, correct storage to separate soil horizons	Slight	Not Significant
Subsoil removal	Subsoil	Medium	Likely	Adverse	Development footprint	Direct	Short to long-term	Reversible through reinstatement	Moderate adverse	Moderate	Reuse, reinstatement, correct storage to separate soil horizons	Not Significant	Not Significant
Subsoil removal	Subsoil	Medium	Likely	Adverse	Localised	Direct	Temporary	Reversible through reinstatement	Small adverse	Slight	Reuse to backfill trenches	Not Significant	Not Significant
Bedrock removal	Bedrock	Low	Likely	Adverse	Localised	Direct	Permanent	Irreversible	Small adverse	Not Significant	Reuse for hardstand subbase	Not Significant	Not Significant
Storage of stockpiles	Topsoil / Subsoil	Medium / High	Likely	Adverse	Development footprint; localised	Direct	Short-term	Reversible through reinstatement	Small adverse	Slight to Moderate	Storage within development footprint / designated area, limit height, battered back to a safe angle of repose / cover overnight and ahead of weather / reuse as soon as possible	Not Significant	Not Significant
Soil contamination - hydrocarbons	Topsoil / Subsoil	Medium / High	Likely	Adverse	Localised	Direct	Short to long-term	Reversible through remediation or natural attenuation	Small to Moderate adverse	Slight to Significant	Dedicated bunded storage areas for hydrocarbons and other chemicals, inspect vehicles, spill kits, receptacles for contaminated materials, removal of contaminated material, emergency response plan	Slight	Not Significant
Soil contamination - imported aggregate	Topsoil / Subsoil	Medium / High	Possible	Adverse	Development footprint; localised	Direct	Short to long-term	Reversible through remediation	Small adverse	Slight to Moderate	Only verified clean, inert material will be used	Not Significant	Not Significant

Impact / effect	Receptor	Sensitivity of receptor (Table 10.1)*	Probability	Beneficial / Adverse / Neutral	Extent	Direct / Indirect	Duration	Reversible	Magnitude of effect (Table 10.2)	Significance of unmitigated likely Effects (Table 10.3 and Table 10.4)	Summary of Proposed Mitigation	Significance of Residual Effects (Table 10.3 and Table 10.4)	Significant / Not Signficant
Soil contamination - invasive species	Topsoil / Subsoil	High	Possible	Adverse	Localised	Direct or indirect	Short to long-term	Reversible through remediation	Small to Moderate adverse	Slight to Significant	Avoided, fenced off, removal, treatment and disposal of an non-native plants and contaminated soils done in accordance with the latest guidance	Slight	Not Significant
Unmitigated Waste management	Topsoil / Subsoil / Agricultural land	Medium	Likely	Adverse	Localised	Direct	Short-term	Reversible through remediation	Small adverse	Slight	Waste management plan, any surplus material will be classifies and appropriately transported / disposed of at a licenced facility	Not Significant	Not Significant
Ground stability - small scale	Topsoil / Subsoil	Medium	Likely	Adverse	Localised	Direct or indirect	Short-term	Reversible through remediation	Small adverse	Slight	Geotechnical clerk of works, appropriate monitoring, emergency response plan, appropriate storage of material, restrict vehicular movement, weather monitoring	Not Significant	Not Significant
Ground stability - large scale - worst case	Topsoil / Subsoil / Bedrock	High / Very High	Possible	Adverse	Localised	Direct or indirect	Potentially Permanent	Potentially irreversible	Moderate adverse	Moderate to Very Significant	Geotechnical investigation at all infrastructure locations, mitigation by engineering if required, supervision by a geotechnical clerk of works, emergency response plan, appropriate storage of material, restrict vehicular movement, weather monitoring	Slight	Not Significant
Operational phase													
Land take	Agricultural Land	Medium	Likely	Adverse	Permanent infrastructure	Direct	Long-term	Reversible after decommissioning	Small adverse	Slight	Design, minimise footprint, reinstate temporary infrastructure	Slight	Not Significant
Soil compaction and subsidence	Topsoil / Subsoil / Land	Medium / High	Likely	Adverse	Permanent infrastructure	Direct	Permanent	Irreversible	Small adverse	Slight to Moderate	Design, minimise footprint, reinstate temporary infrastructure	Slight	Not Significant
Soil contamination	Topsoil / Subsoil	High	Likely	Adverse	Localised	Direct	Short to long-term	Reversible through remediation or natural attenuation	Small adverse	Slight to Moderate	Dedicated bunded storage areas for hydrocarbons and other chemicals, inspect vehicles, spill kits, receptacles for contaminated materials, removal of contaminated material, emergency response plan	Slight	Not Significant