

Legend	
Red line	Planning Application Boundary
Red dashed line	Potential Future Connection
Blue square	Attenuation Location
Black square	Lay-By Location
Black circle	Manways
Black diamond	Air Valve
Red circle with slash	Line Valve
Blue circle with slash	Washout Valve (WA)
Blue circle	Washout Valve (WB)
Lightning bolt	Electricity Medium and Low Voltage Crossing
Lightning bolt with circle	Electricity High Voltage Crossing Station
Green circle	Gas Crossing
Black circle with cross	Railway Crossing
Black circle with diagonal line	Road Crossing
Black circle with horizontal line	Access Egress Locations
Blue circle with cross	Watercourse Crossing WCX
Blue circle with cross	Watercourse Crossing WBX
Blue circle with cross	Potential Waterbody Crossing WBP
Blue circle with cross	Watercourse Washout Location WCW
Lightning bolt	Raw Water Intake and Pumping Station
Blue square	Water Treatment Plant
Green square	Break Pressure Tank
Green square	Booster Pumping Station
Orange square	Termination Point Reservoir
Orange square	Flow Control Valve
Green square	Tunnel Trenchless Crossing
Green square	Tunnel Trenchless Crossing with No Above Ground Disturbance
Green square	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Yellow square	Passing Lanes
Red square	Construction Compound (CC)
Purple square	Pipe Storage Depot (PSD)
Black dashed line	County Boundaries
Pink dashed line	Tunnel Trenchless Crossing
Pink dashed line	Pipeline Centreline

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

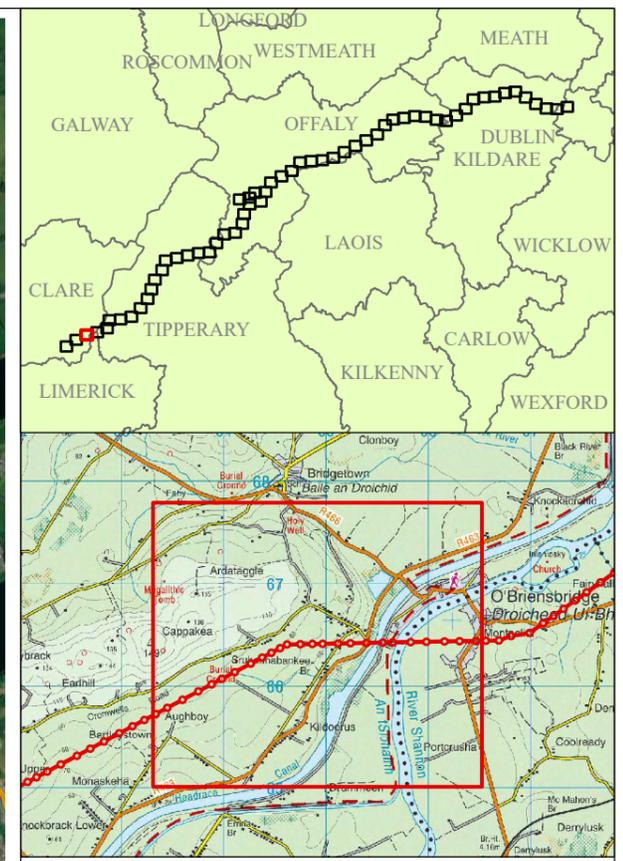
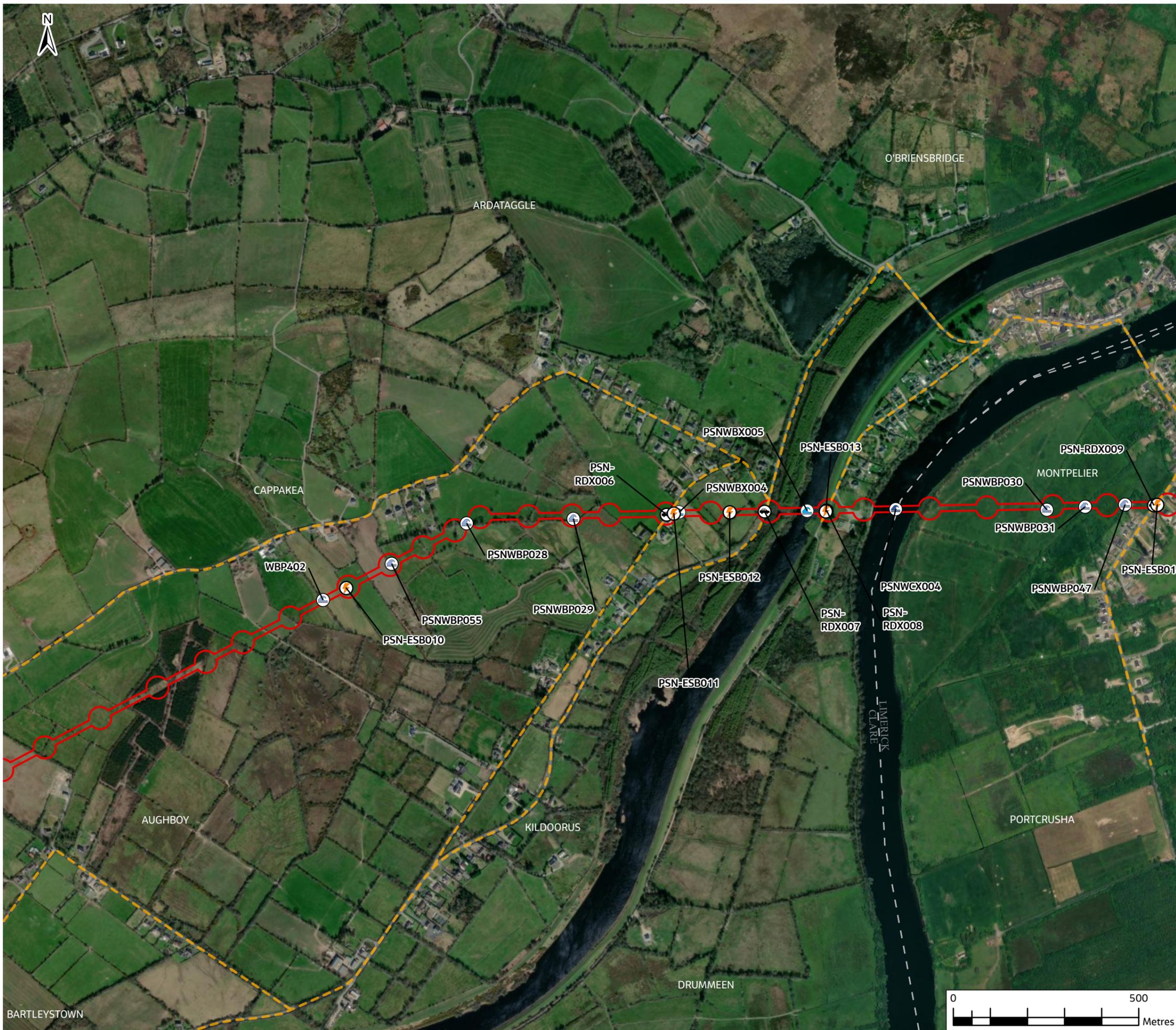
Drawing Title
 Figure 4.3
 Project Component Overview
 Sheet 2 of 59

Drawing Status
 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06179	
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Legend

<ul style="list-style-type: none"> Planning Application Boundary Potential Future Connection Point Attenuation Location Lay-By Location Manways Air Valve Line Valve Washout Valve (WA) Washout Valve (WB) Electricity Medium and Low Voltage Crossing Electricity High Voltage Crossing Station 	<ul style="list-style-type: none"> Gas Crossing Railway Crossing Road Crossing Access Egress Locations Watercourse Crossing WCX Watercourse Crossing WBX Potential Waterbody Crossing WBP Watercourse Washout Location WCV Haul Roads Clustered Bog Drains Raw Water Intake and Pumping Station 	<ul style="list-style-type: none"> Water Treatment Plant Break Pressure Tank Booster Pumping Station Termination Point Reservoir Flow Control Valve Tunnel Trenchless Crossing Tunnel Trenchless Crossing with No Above Ground Disturbance Potential Tunnel/Trenchless Crossing for Overhead Power Lines Passing Lanes Construction Compound (CC) Pipe Storage Depot (PSD) County Boundaries Tunnel Trenchless Crossing Pipeline Centreline
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RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 4.4
Project Component Overview
Sheet 3 of 59

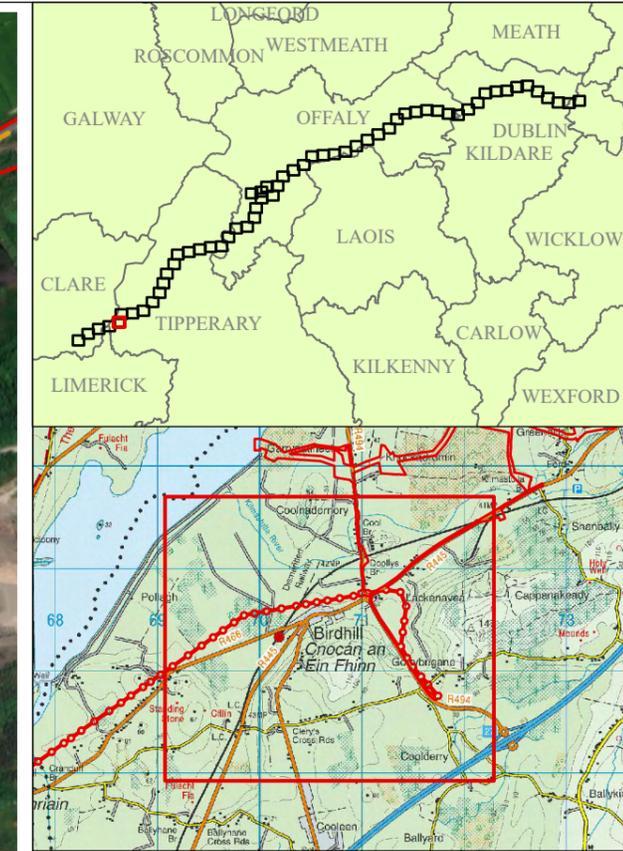
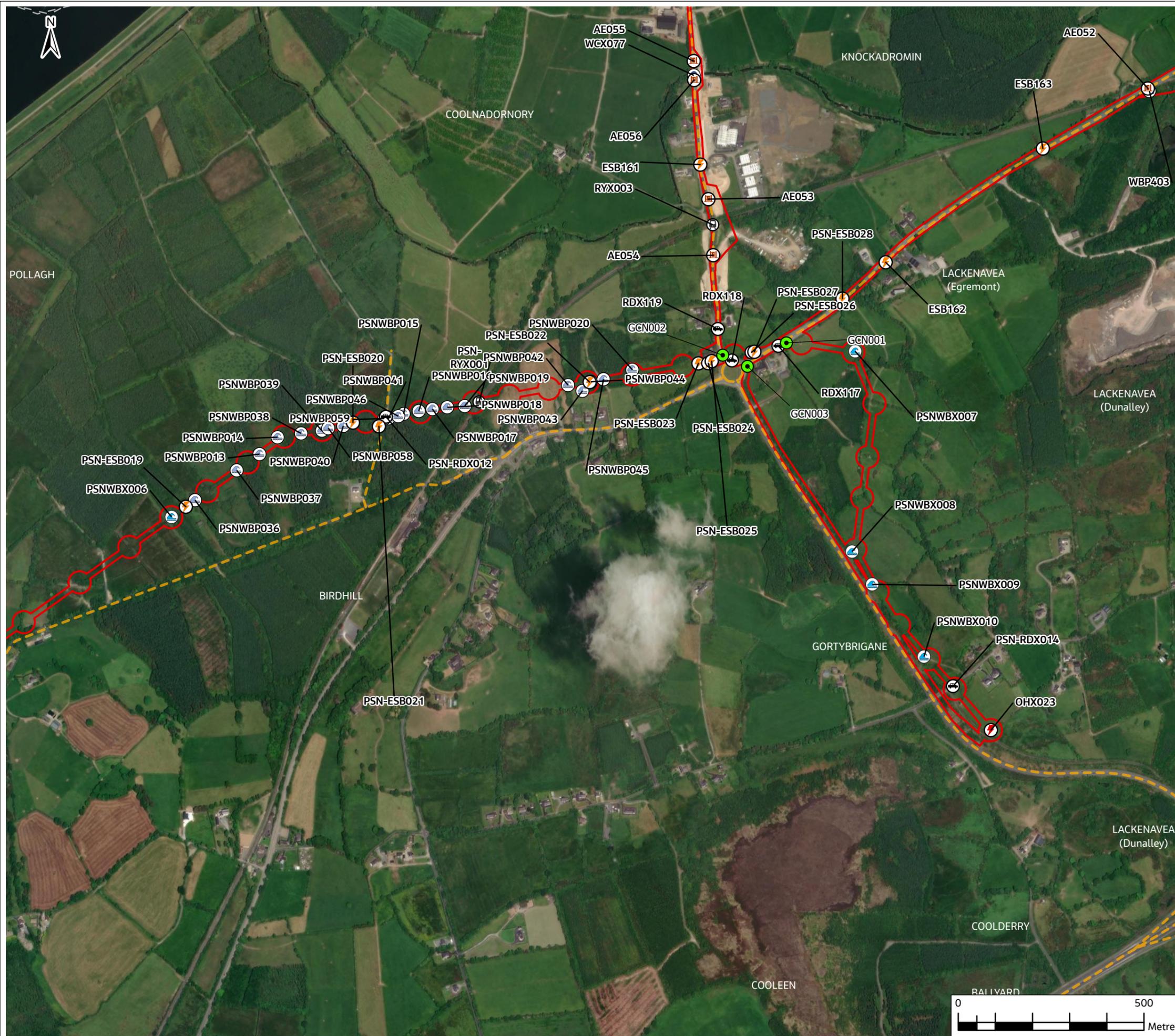
Drawing Status

Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06180	
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Legend	
Red line	Planning Application Boundary
Red dashed line	Potential Future Connection
Blue square	Attenuation Location
Black square	Lay-By Location
Black circle	Manways
Black diamond	Air Valve
Red circle with slash	Line Valve
Blue circle	Washout Valve (WA)
Blue circle	Washout Valve (WB)
Lightning bolt	Electricity Medium and Low Voltage Crossing
Lightning bolt	Electricity High Voltage Crossing Station
Green circle	Gas Crossing
Black circle with 'X'	Railway Crossing
Black circle with 'R'	Road Crossing
Black circle with 'A'	Access Egress Locations
Blue circle with 'W'	Watercourse Crossing WCX
Blue circle with 'WB'	Watercourse Crossing WBX
Blue circle with 'WBP'	Potential Waterbody Crossing WBP
Blue circle with 'WCW'	Watercourse Washout Location WCW
Yellow line	Haul Roads
Yellow line	Clustered Bog Drains
Blue line	Water Treatment Plant
Green line	Break Pressure Tank
Green line	Booster Pumping Station
Orange line	Termination Point Reservoir
Orange line	Flow Control Valve
Green line	Tunnel Trenchless Crossing
Pink line	Tunnel Trenchless Crossing with No Above Ground Disturbance
Pink line	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Yellow line	Passing Lanes
Red line	Construction Compound (CC)
Purple line	Pipe Storage Depot (PSD)
Pink line	County Boundaries
Pink line	Tunnel Trenchless Crossing
Pink line	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscadal Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

Drawing Title: **Figure 4.6 Project Component Overview Sheet 5 of 59**

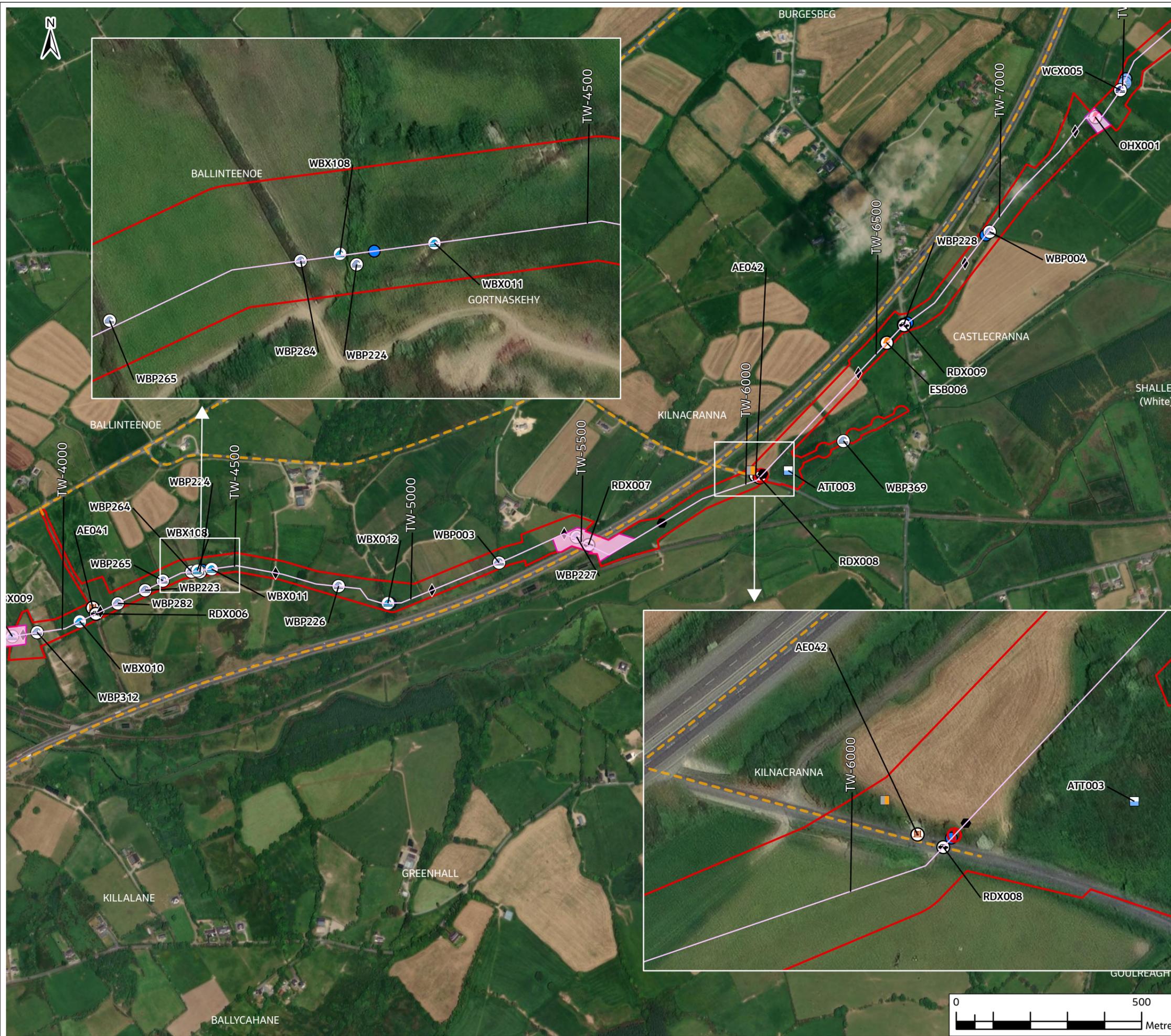
Drawing Status: **Final - Planning Application**

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Client No.	9318	
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Purple rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle	Booster Pumping Station
Black square	Lay-By Location	Black circle with dot	Access Egress Locations	Orange rectangle	Termination Point Reservoir
Black circle	Manways	Blue circle	Watercourse Crossing WCX	Yellow rectangle	Flow Control Valve
Black diamond	Air Valve	Blue circle with cross	Watercourse Crossing WBX	Green rectangle	Tunnel Trenchless Crossing
Red circle with slash	Line Valve	Blue circle with dot	Potential Waterbody Crossing WBP	Yellow rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WA)	Blue circle with cross	Watercourse Washout Location WCW	Red rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle	Washout Valve (WB)	Blue circle with dot	Haul Roads	Yellow rectangle	Passing Lanes
Yellow circle	Electricity Medium and Low Voltage Crossing	Blue circle with cross	Clustered Bog Drains	Red rectangle	Construction Compound (CC)
Red circle with lightning bolt	Electricity High Voltage Crossing	Blue circle with dot	Raw Water Intake and Pumping Station	Purple rectangle	Pipe Storage Depot (PSD)
Blue circle with lightning bolt	Raw Water Crossing Station	Blue circle with cross	County Boundaries	Red rectangle	Tunnel Trenchless Crossing
Blue circle with lightning bolt	Raw Water Crossing Station	Blue circle with dot	Pipeline Centreline	Red rectangle	Pipeline Centreline

RW-xxx - Raw Water Chaiage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light affixings, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chaiage

F02	08/12/25	Final - Planning Application	PW	PW	CB	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

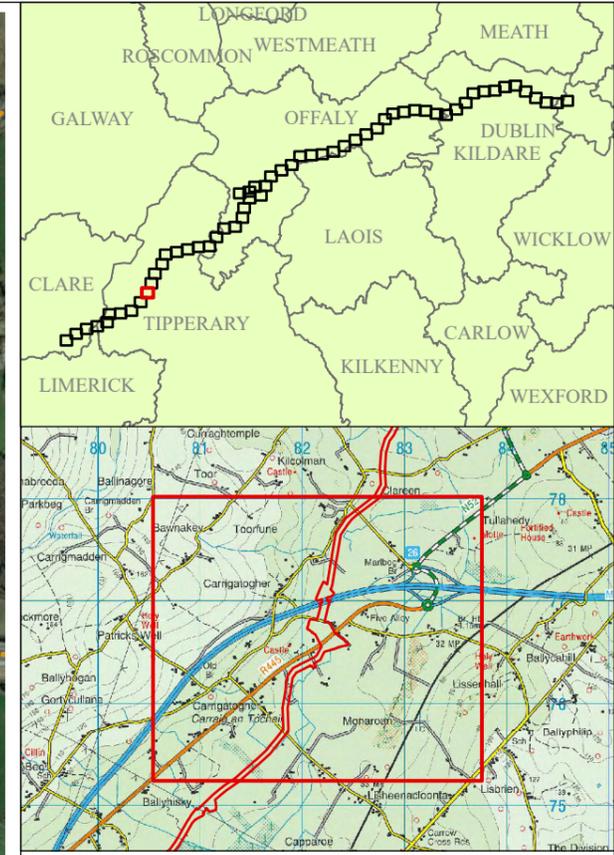
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Drawing Status: **Final - Planning Application**

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Legend

Red line: Planning Application Boundary	Green circle: Gas Crossing	Blue rectangle: Water Treatment Plant
Red dashed line: Potential Future Connection	Black circle: Railway Crossing	Green rectangle: Break Pressure Tank
Blue square: Attenuation Location	Black circle with cross: Booster Pumping Station	Red rectangle: Termination Point Reservoir
Black square: Lay-By Location	Black circle with dot: Road Crossing	Orange rectangle: Flow Control Valve
Black diamond: Manways	Black circle with cross: Access Egress Locations	Green rectangle: Tunnel Trenchless Crossing with No Above Ground Disturbance
Black diamond with cross: Air Valve	Blue circle with cross: Watercourse Crossing WCX	Pink rectangle: Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Red circle with slash: Line Valve	Blue circle with cross: Watercourse Crossing WCB	Yellow rectangle: Passing Lanes
Blue circle with slash: Washout Valve (WA)	Blue circle with cross: Potential Waterbody Crossing WBP	Red rectangle: Construction Compound (CC)
Blue circle with slash: Washout Valve (WB)	Blue circle with cross: Watercourse Washout Location WCW	Purple rectangle: Pipe Storage Depot (PSD)
Yellow circle with slash: Electricity Medium and Low Voltage Crossing	Blue circle with cross: Haul Roads	Pink dashed line: County Boundaries
Red circle with slash: Electricity High Voltage Crossing	Yellow rectangle: Clustered Bog Drains	Pink dashed line: Tunnel Trenchless Crossing
Blue circle with slash: Raw Water Intake and Pumping Station	Blue circle with cross: Raw Water Intake and Pumping Station	Pink dashed line: Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wetlease fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	CB	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscadal Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

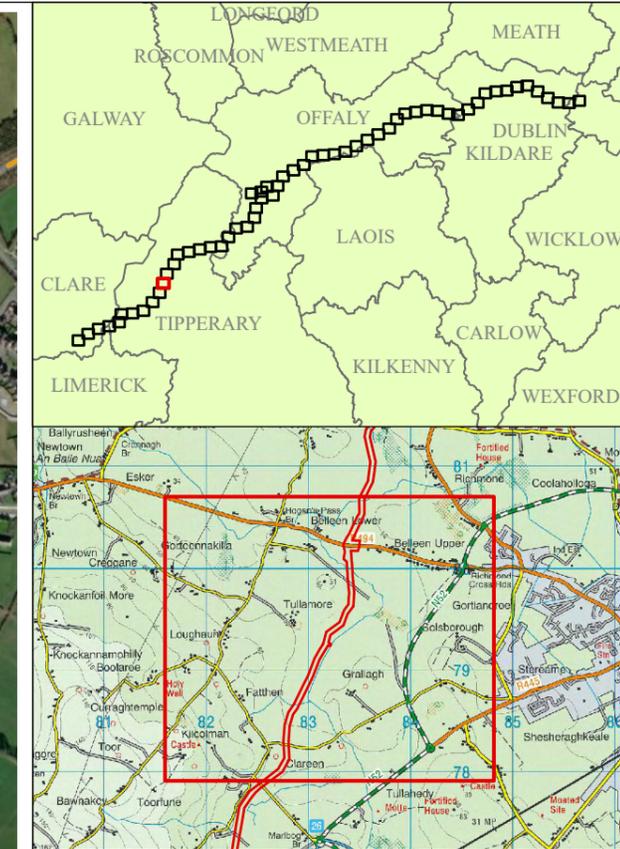
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Drawing Status: Final - Planning Application

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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCW	Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing Station	Raw Water Intake and Pumping	Pipe Storage Depot (PSD)
Raw Water Intake and Pumping Station	County Boundaries	Tunnel Trenchless Crossing
Raw Water Intake and Pumping Station	Pipeline Centreline	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

Project: **Water Supply Project Eastern and Midlands Region**

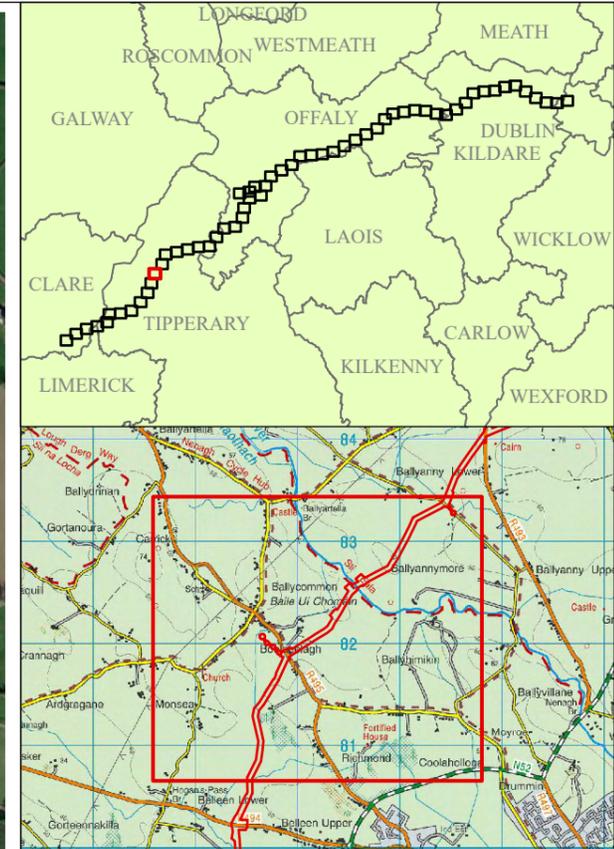
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Drawing Status: **Final - Planning Application**

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Legend	Legend	Legend
Red line: Planning Application Boundary	Green circle: Gas Crossing	Blue rectangle: Water Treatment Plant
Red dashed line: Potential Future Connection	Black circle: Railway Crossing	Green rectangle: Break Pressure Tank
Blue square: Attenuation Location	Black circle with cross: Road Crossing	Green rectangle with cross: Booster Pumping Station
Black square: Lay-By Location	Black circle with cross: Access Egress Locations	Red rectangle: Termination Point Reservoir
Black circle: Manways	Blue circle: Watercourse Crossing WCX	Orange rectangle: Flow Control Valve
Black diamond: Air Valve	Blue circle with cross: Watercourse Crossing WBX	Green rectangle with cross: Tunnel Trenchless Crossing
Red circle with slash: Line Valve	Blue circle with cross: Watercourse Washout Location WCW	Green rectangle with cross: Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle with slash: Washout Valve (WA)	Blue circle with cross: Haul Roads	Green rectangle with cross: Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle with slash: Washout Valve (WB)	Blue circle with cross: Electricity Medium and Low Voltage Crossing	Yellow rectangle: Passing Lanes
Blue circle with slash: Electricity High Voltage Crossing Station	Blue circle with cross: Clustered Bog Drains	Yellow rectangle: Construction Compound (CC)
Blue circle with slash: Raw Water Intake and Pumping Station	Blue circle with cross: Raw Water Intake and Pumping Station	Yellow rectangle: Pipe Storage Depot (PSD)
Blue circle with slash: RW-xxx - Raw Water Chainage	Blue circle with slash: RW-xxx - Raw Water Chainage	Yellow rectangle: County Boundaries
Blue circle with slash: TW-xxx - Treated Water Chainage	Blue circle with slash: TW-xxx - Treated Water Chainage	Yellow rectangle: Tunnel Trenchless Crossing
		Yellow rectangle: Pipeline Centreline

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

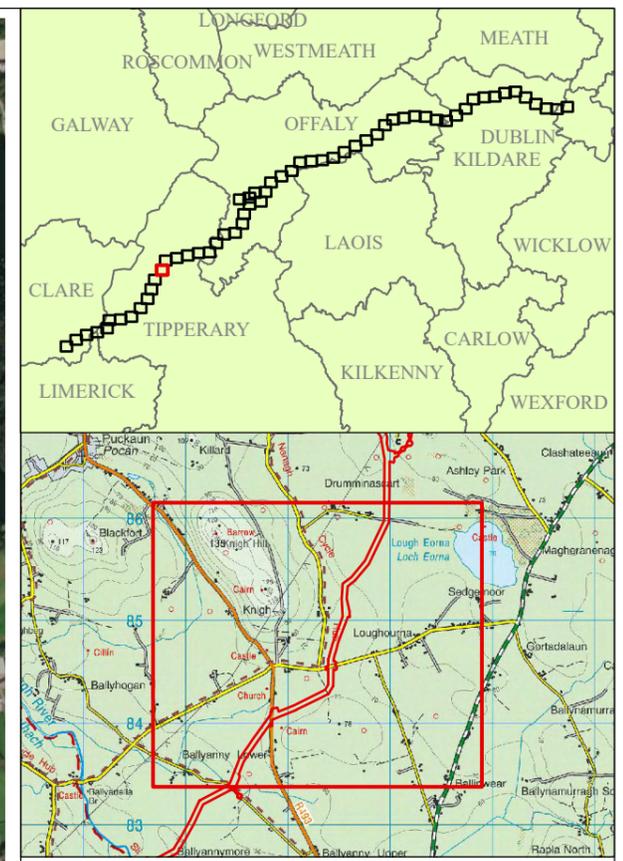
Project: **Water Supply Project Eastern and Midlands Region**

Drawing Title: **Figure 4.13 Project Component Overview Sheet 12 of 59**

Drawing Status: **Final - Planning Application**

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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Point	Break Pressure Tank
Attenuation Location	Railway Crossing	Booster Pumping Station
Lay-By Location	Road Crossing	Termination Point Reservoir
Manways	Access Egress Locations	Tunnel Trenchless Crossing
Air Valve	Watercourse Crossing WCX	Tunnel Trenchless Crossing with No Above Ground Disturbance
Line Valve	Watercourse Crossing WCB	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WA)	Potential Waterbody Crossing WBP	Passing Lanes
Washout Valve (WB)	Watercourse Washout Location WCV	Construction Compound (CC)
Electricity Medium and Low Voltage Crossing	Haul Roads	Pipe Storage Depot (PSD)
Electricity High Voltage Crossing	Clustered Bog Drains	County Boundaries
Raw Water Intake and Pumping Station	Tunnel Trenchless Crossing	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light traffics, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light traffics, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	CB	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.14 Project Component Overview Sheet 13 of 59

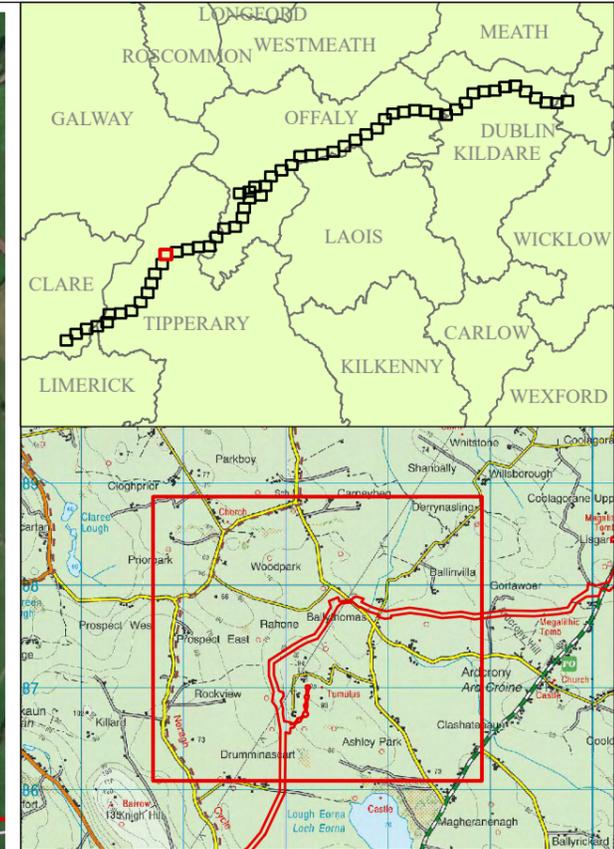
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Client No.	9318	
Drawing No.	32105801/700/06056	
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Purple rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle	Booster Pumping Station
Black square	Lay-By Location	Black circle with dot	Access Egress Locations	Orange rectangle	Termination Point Reservoir
Black diamond	Manways	Blue circle	Watercourse Crossing WCX	Yellow rectangle	Flow Control Valve
Black diamond with dot	Air Valve	Blue circle with cross	Watercourse Crossing WCB	Green rectangle	Tunnel Trenchless Crossing
Red circle with slash	Line Valve	Blue circle with dot	Potential Waterbody Crossing WBP	Pink rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle with slash	Washout Valve (WA)	Blue circle with cross	Watercourse Washout Location WCV	Blue rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle with dot	Washout Valve (WB)	Blue circle with dot	Electricity Medium and Low Voltage Crossing	Yellow rectangle	Passing Lanes
Yellow circle with slash	Electricity High Voltage Crossing Station	Blue circle with cross	Raw Water Intake and Pumping	Red rectangle	Construction Compound (CC)
Black circle with cross	Raw Water Intake and Pumping Station	Blue circle with dot	Raw Water Intake and Pumping	Purple rectangle	Pipe Storage Depot (PSD)
Blue circle with dot	Raw Water Intake and Pumping Station	Blue circle with cross	Raw Water Intake and Pumping	Pink rectangle	County Boundaries
Blue circle with cross	Raw Water Intake and Pumping Station	Blue circle with dot	Raw Water Intake and Pumping	Pink rectangle	Tunnel Trenchless Crossing
Blue circle with dot	Raw Water Intake and Pumping Station	Blue circle with cross	Raw Water Intake and Pumping	Pink rectangle	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out or to use fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 4.15
Project Component Overview
Sheet 14 of 59

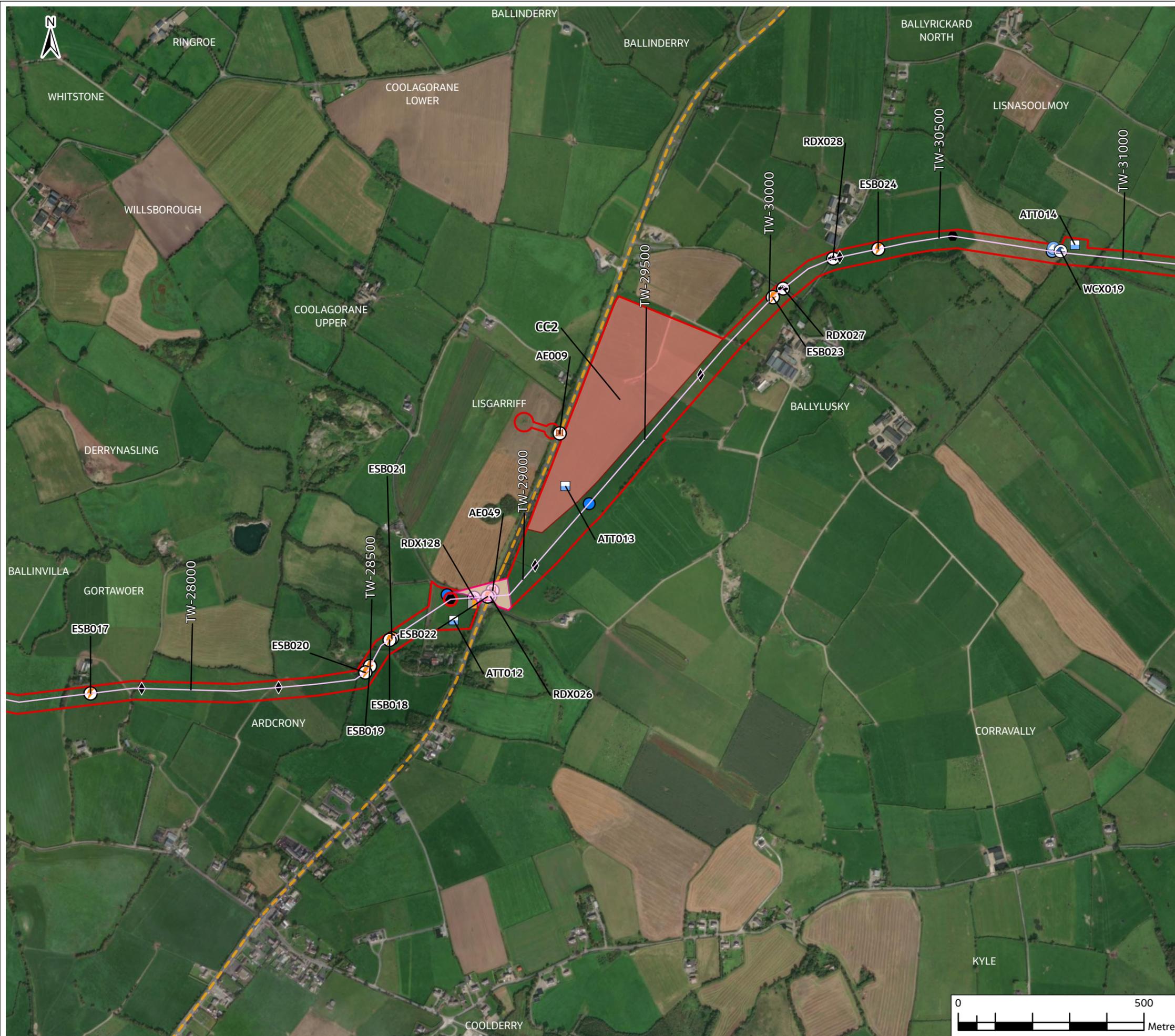
Drawing Status

Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06057	
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Legend	Legend	Legend
Red line: Planning Application Boundary	Green circle: Gas Crossing	Blue square: Water Treatment Plant
Red dashed line: Potential Future Connection	Black circle with 'R': Railway Crossing	Green square: Break Pressure Tank
Blue square: Attenuation Location	Black circle with 'R': Road Crossing	Green square: Booster Pumping Station
Black square: Lay-By Location	Black circle with 'R': Access Egress Locations	Orange square: Termination Point Reservoir
Black circle: Manways	Blue circle with 'W': Watercourse Crossing WCX	Orange square: Flow Control Valve
Black diamond: Air Valve	Blue circle with 'W': Watercourse Crossing WBX	Green square: Tunnel Trenchless Crossing
Red circle with 'V': Line Valve	Blue circle with 'W': Watercourse Washout Location WCV	Green square: Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle with 'W': Washout Valve (WA)	Blue circle with 'W': Electricity Medium and Low Voltage Crossing	Green square: Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle with 'W': Washout Valve (WB)	Blue circle with 'W': Electricity High Voltage Crossing Station	Yellow square: Passing Lanes
Blue circle with 'W': Electricity Medium and Low Voltage Crossing	Blue circle with 'W': Raw Water Intake and Pumping Station	Yellow square: Construction Compound (CC)
Blue circle with 'W': Electricity High Voltage Crossing Station	Blue circle with 'W': Raw Water Intake and Pumping Station	Yellow square: Pipe Storage Depot (PSD)
Blue circle with 'W': Raw Water Intake and Pumping Station	Blue circle with 'W': Raw Water Intake and Pumping Station	Yellow square: County Boundaries
Blue circle with 'W': Raw Water Intake and Pumping Station	Blue circle with 'W': Raw Water Intake and Pumping Station	Yellow square: Tunnel Trenchless Crossing
Blue circle with 'W': Raw Water Intake and Pumping Station	Blue circle with 'W': Raw Water Intake and Pumping Station	Yellow square: Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client




Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 4.16
Project Component Overview
Sheet 15 of 59

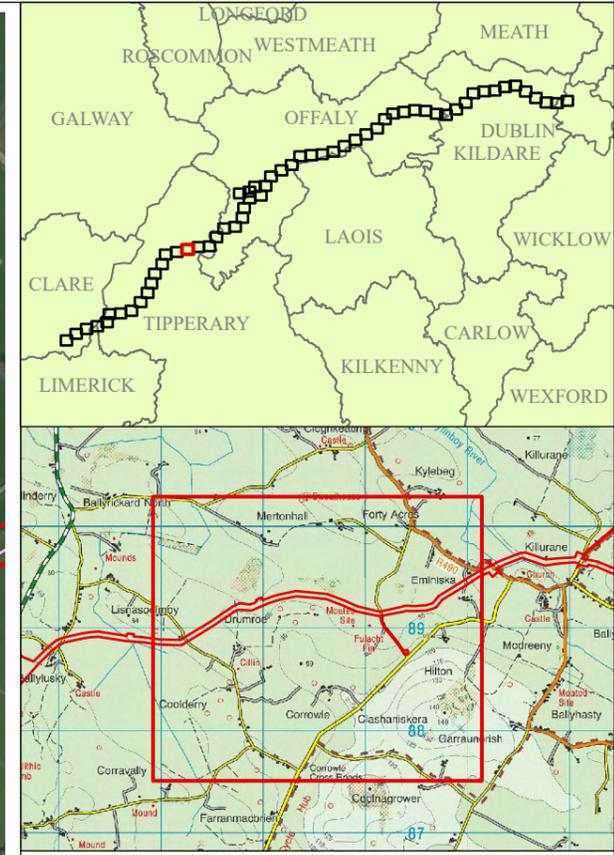
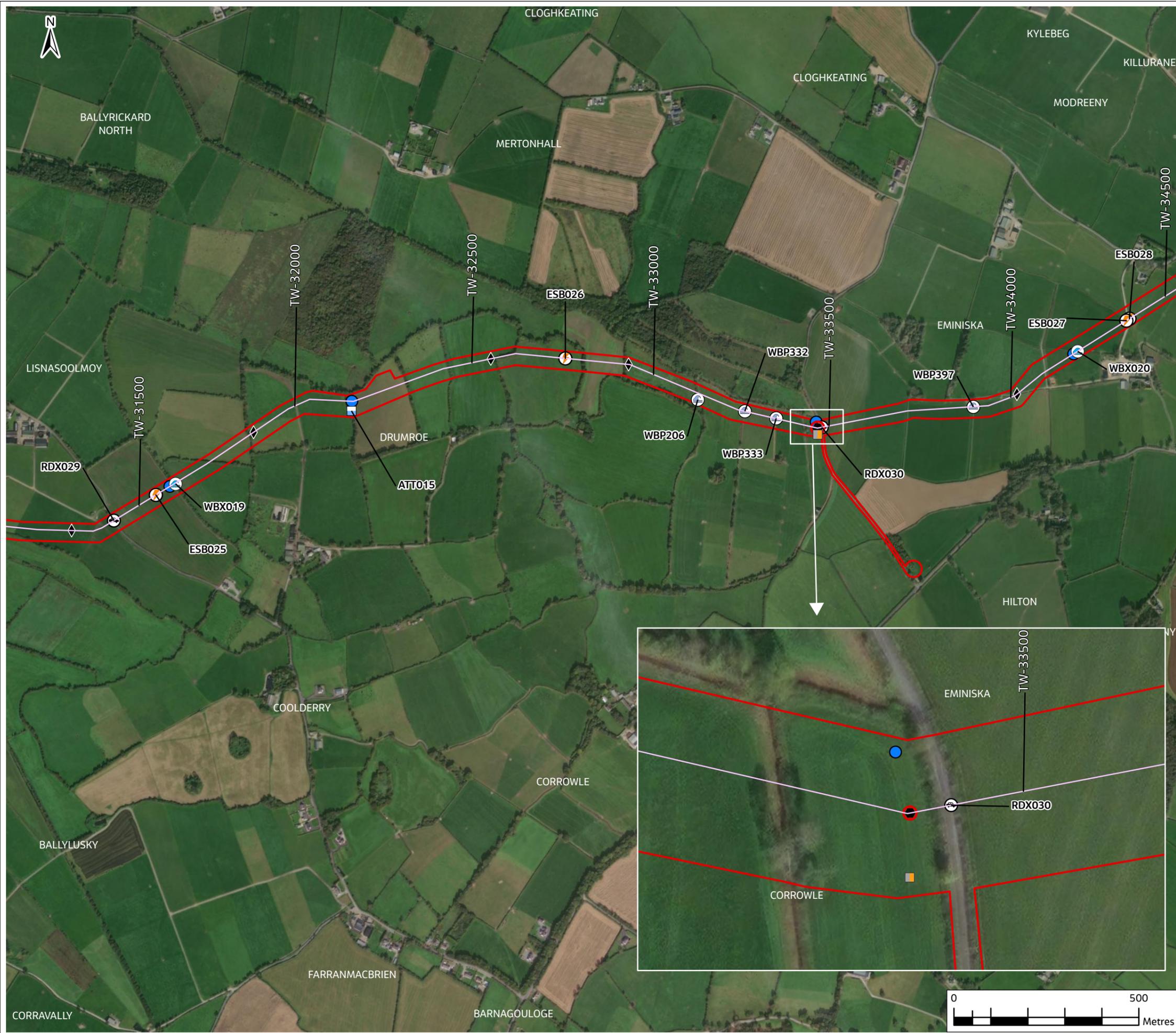
Drawing Status

Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06058	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
		County Boundaries
		Tunnel Trenchless Crossing
		Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wet/dry fence.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	CB	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

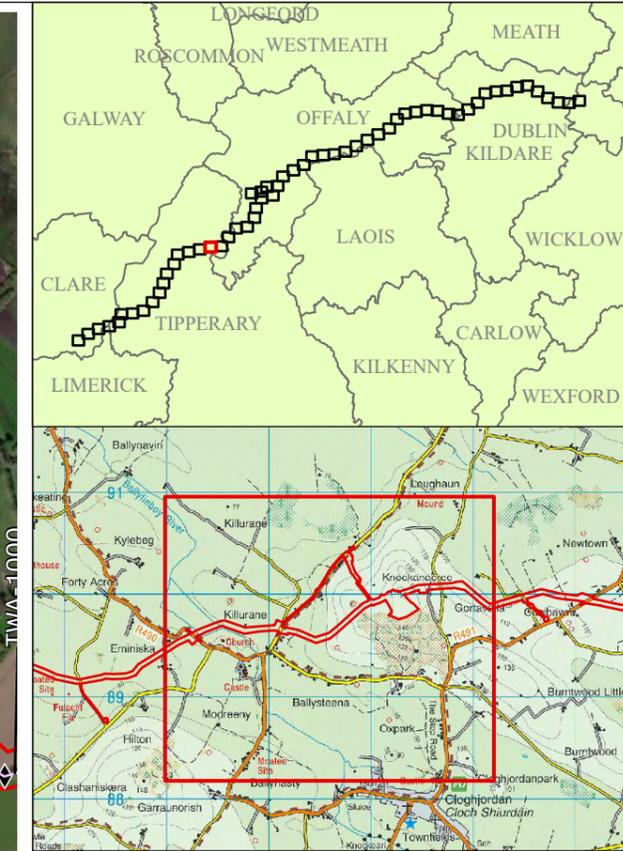
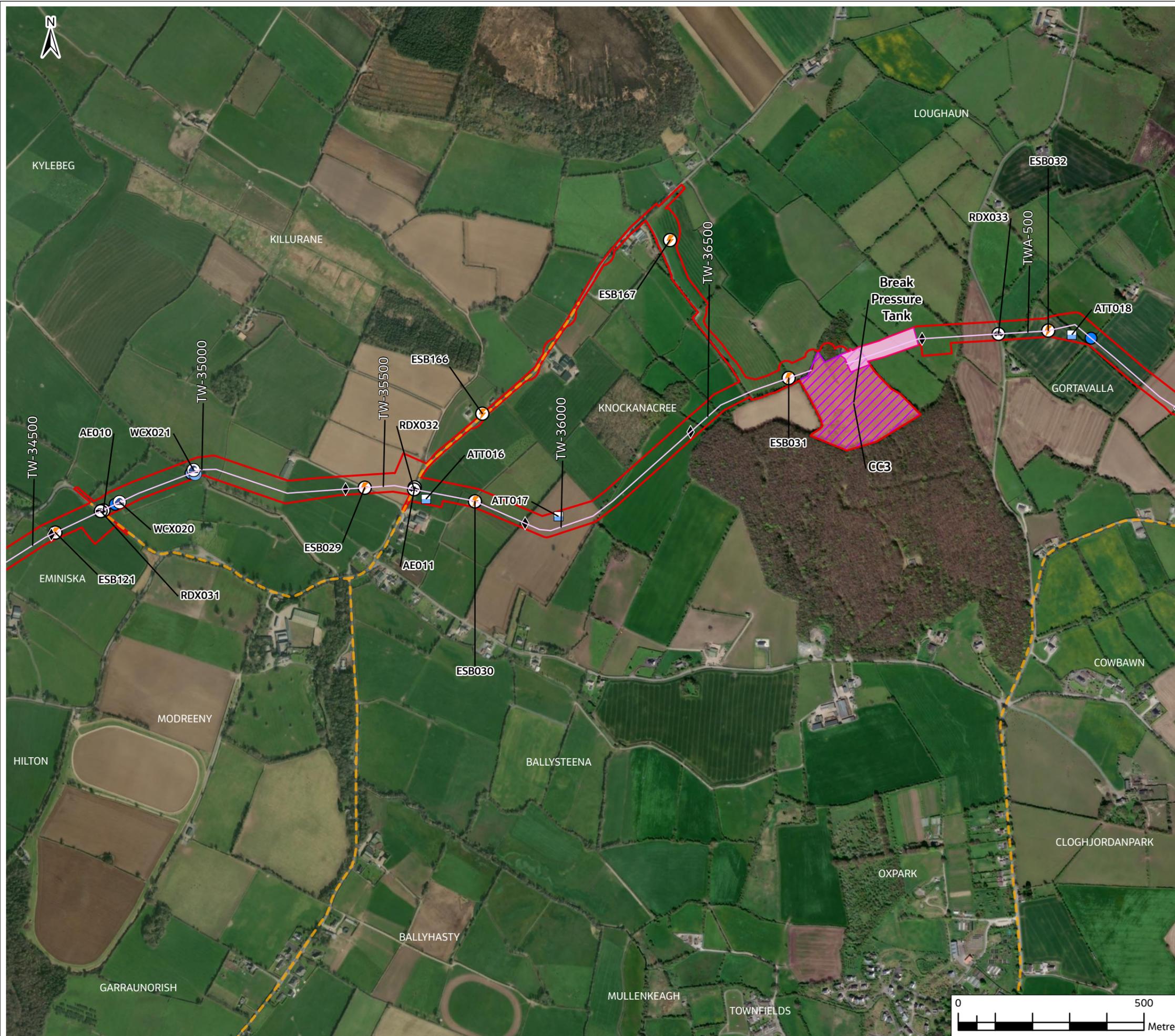
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Drawing Status: Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06059	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WCB	Tunnel Trenchless Crossing
Line Valve	Watercourse Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Crossing for Overhead Power Lines
Washout Valve (WB)	Electricity Medium and Low Voltage Crossing	Passing Lanes
Electricity High Voltage Crossing Station	Raw Water Intake and Pumping Station	Construction Compound (CC)
Raw Water Intake and Pumping Station	Haul Roads	Pipe Storage Depot (PSD)
Haul Roads	Clustered Bog Drains	County Boundaries
Clustered Bog Drains	Tunnel Trenchless Crossing	Pipeline Centreline

RW-xxx - Raw Water Chaiage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chaiage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

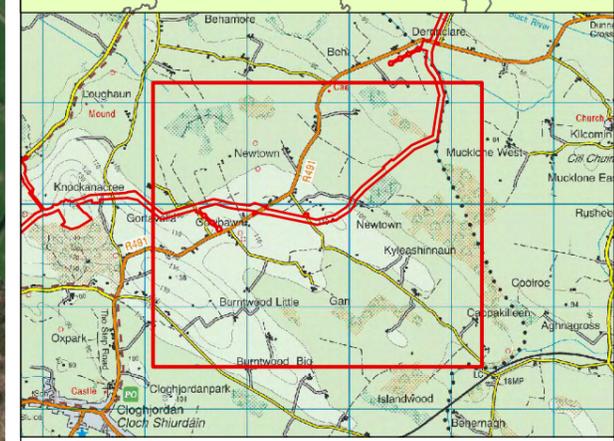
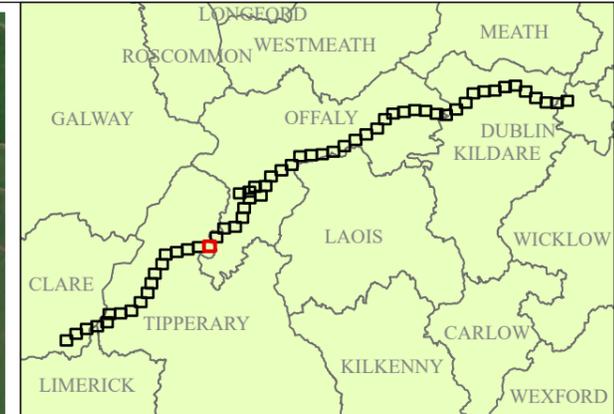
Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 4.18
 Project Component Overview
 Sheet 17 of 59

Drawing Status
 Final - Planning Application

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Client No.	9318	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Electricity Medium and Low Voltage Crossing	Passing Lanes
Electricity High Voltage Crossing	Haul Roads	Construction Compound (CC)
Raw Water Intake and Pumping Station	Clustered Bog Drains	Pipe Storage Depot (PSD)
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	County Boundaries
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	Tunnel Trenchless Crossing
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 4.19
 Project Component Overview
 Sheet 18 of 59

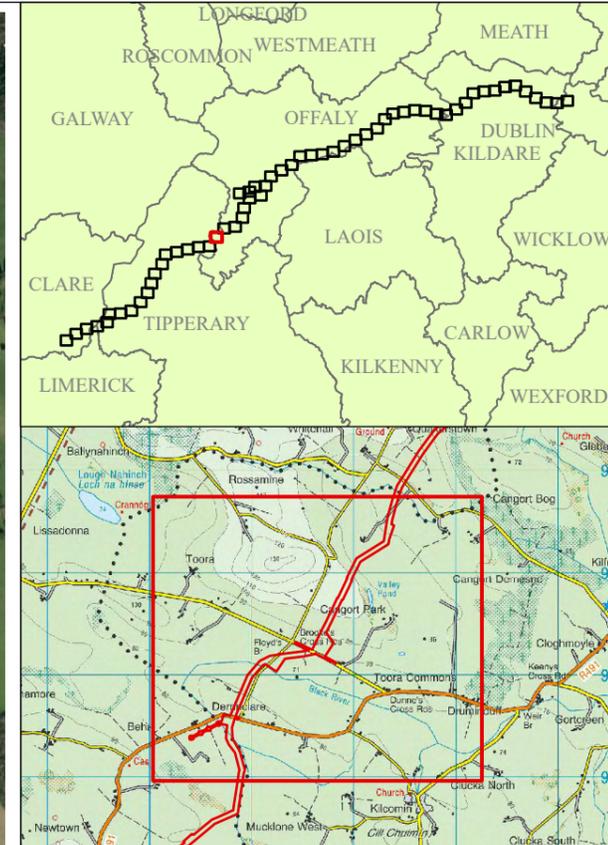
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Legend	
Red line	Planning Application Boundary
Dashed red line	Potential Future Connection
Blue square	Attenuation Location
Black square	Lay-By Location
Black circle	Manways
Black diamond	Air Valve
Red circle with slash	Line Valve
Blue circle	Washout Valve (WA)
Blue circle	Washout Valve (WB)
Lightning bolt	Electricity Medium and Low Voltage Crossing
Lightning bolt	Electricity High Voltage Crossing
Green circle	Gas Crossing
Black circle	Railway Crossing
Black circle	Road Crossing
Black circle	Access Egress Locations
Blue circle	Watercourse Crossing WCX
Blue circle	Watercourse Crossing WBX
Blue circle	Potential Waterbody Crossing WBP
Blue circle	Watercourse Washout Location WCW
Yellow line	Haul Roads
Yellow line	Clustered Bog Drains
Blue square	Water Treatment Plant
Green square	Break Pressure Tank
Green square	Booster Pumping Station
Orange square	Termination Point Reservoir
Orange square	Flow Control Valve
Green square	Tunnel Trenchless Crossing
Green square	Tunnel Trenchless Crossing with No Above Ground Disturbance
Green square	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Yellow line	Passing Lanes
Red line	Construction Compound (CC)
Purple rectangle	Pipe Storage Depot (PSD)
Blue dashed line	County Boundaries
Green dashed line	Tunnel Trenchless Crossing
Pink dashed line	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wayleave fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

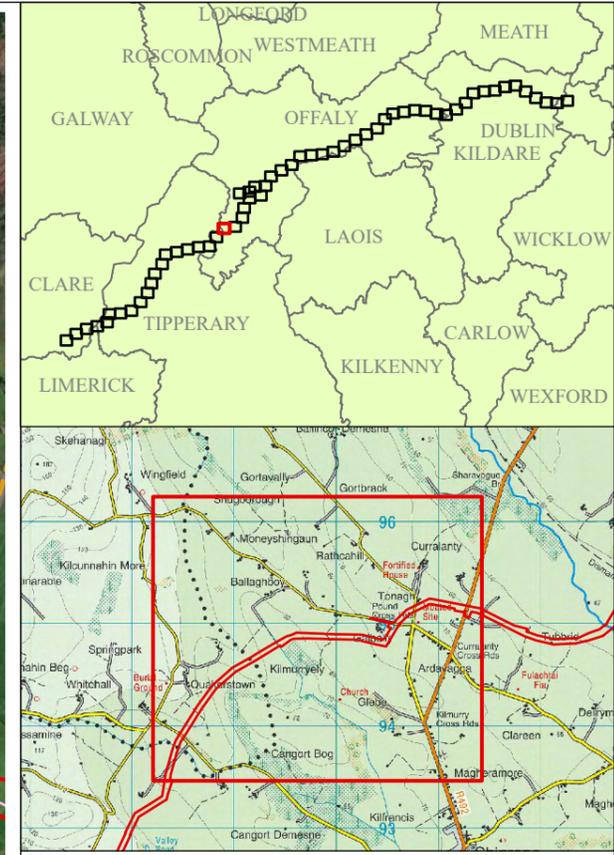
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Drawing Status: **Final - Planning Application**

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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle with cross	Booster Pumping Station
Black circle	Lay-By Location	Black circle with cross	Access Egress Locations	Red rectangle	Termination Point Reservoir
Black diamond	Air Valve	Blue circle	Watercourse Crossing WCX	Orange rectangle	Flow Control Valve
Red circle with slash	Line Valve	Blue circle	Watercourse Crossing WCB	Green rectangle	Tunnel Trenchless Crossing
Blue circle	Washout Valve (WA)	Blue circle	Watercourse Crossing WBP	Yellow rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WB)	Blue circle	Watercourse Washout Location WCV	Red rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle with lightning bolt	Electricity Medium and Low Voltage Crossing	Blue circle	Raw Water Intake and Pumping Station	Yellow rectangle	Passing Lanes
Blue circle with lightning bolt	Electricity High Voltage Crossing	Blue circle	Construction Compound (CC)	Purple rectangle	Pipe Storage Depot (PSD)
Blue circle with lightning bolt	Electricity High Voltage Crossing Station	Blue circle	Pipe Storage Depot (PSD)	Pink rectangle	County Boundaries
Blue circle with lightning bolt	Electricity High Voltage Crossing Station	Blue circle	County Boundaries	Pink rectangle	Tunnel Trenchless Crossing
Blue circle with lightning bolt	Electricity High Voltage Crossing Station	Blue circle	Tunnel Trenchless Crossing	Pink rectangle	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client



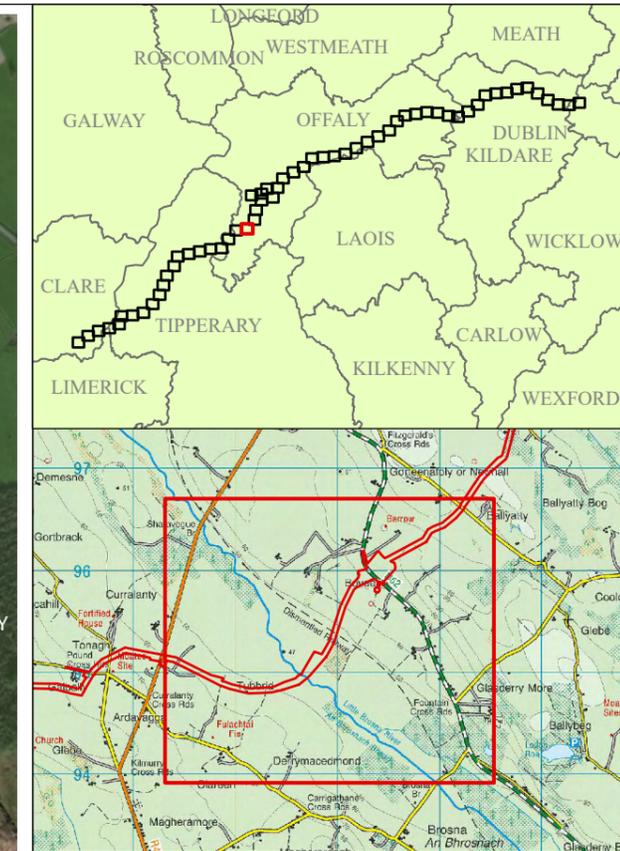
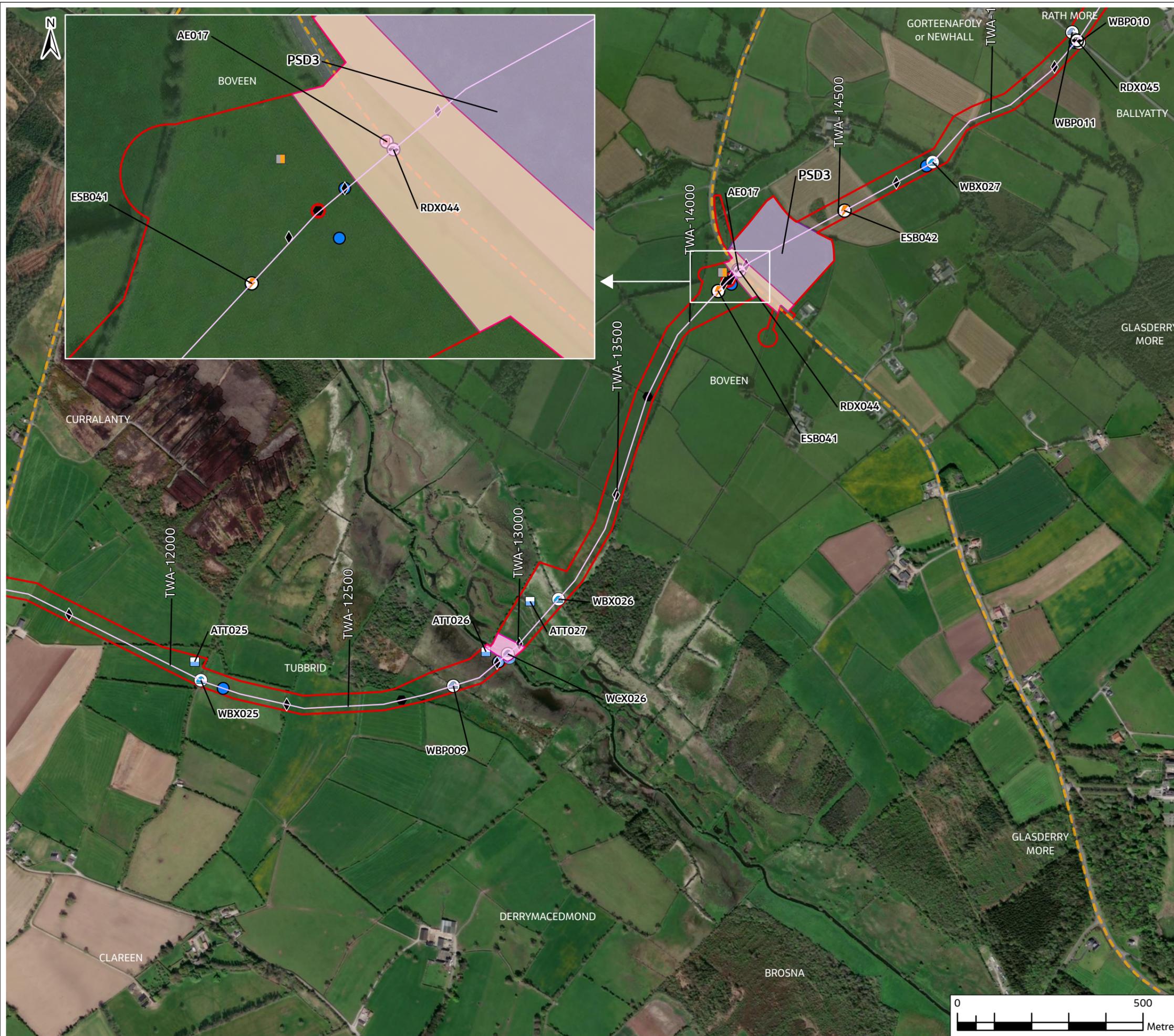
Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 4.21
 Project Component Overview
 Sheet 20 of 59

Drawing Status
 Final - Planning Application

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Legend	Legend	Legend
Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCW	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing Station	Raw Water Intake and Pumping	Pipe Storage Depot (PSD)
RW-xxx - Raw Water Chainage		County Boundaries
TW-xxx - Treated Water Chainage		Tunnel Trenchless Crossing
		Pipeline Centreline

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

JACOBS TOBIN

Client:

Project: Water Supply Project Eastern and Midlands Region

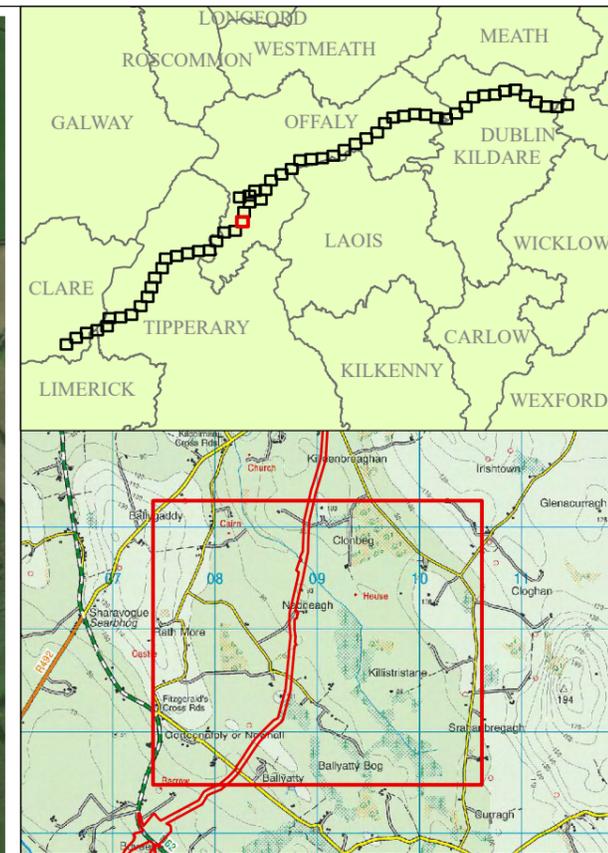
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Drawing Status: Final - Planning Application

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F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

Legend
 Planning Application Boundary
 Potential Future Connection Point
 Attenuation Location
 Lay-By Location
 Manways
 Air Valve
 Line Valve
 Washout Valve (WA)
 Washout Valve (WB)
 Electricity Medium and Low Voltage Crossing
 Electricity High Voltage Crossing Station
 Gas Crossing
 Railway Crossing
 Road Crossing
 Access Egress Locations
 Watercourse Crossing WCX
 Watercourse Crossing WBX
 Potential Waterbody Crossing WBP
 Watercourse Washout Location WCW
 Haul Roads
 Clustered Bog Drains
 Raw Water Intake and Pumping Station
 Break Pressure Tank
 Booster Pumping Station
 Termination Point Reservoir
 Flow Control Valve
 Tunnel Trenchless Crossing
 Tunnel Trenchless Crossing with No Above Ground Disturbance
 Potential Tunnel/Trenchless Crossing for Overhead Power Lines
 Passing Lanes
 Construction Compound (CC)
 Pipe Storage Depot (PSD)
 County Boundaries
 Tunnel Trenchless Crossing
 Pipeline Centreline

Jacobs TOBIN
 Client: Uisce Éireann Irish Water, Tionscadal Soláthair Uisce Water Supply Project

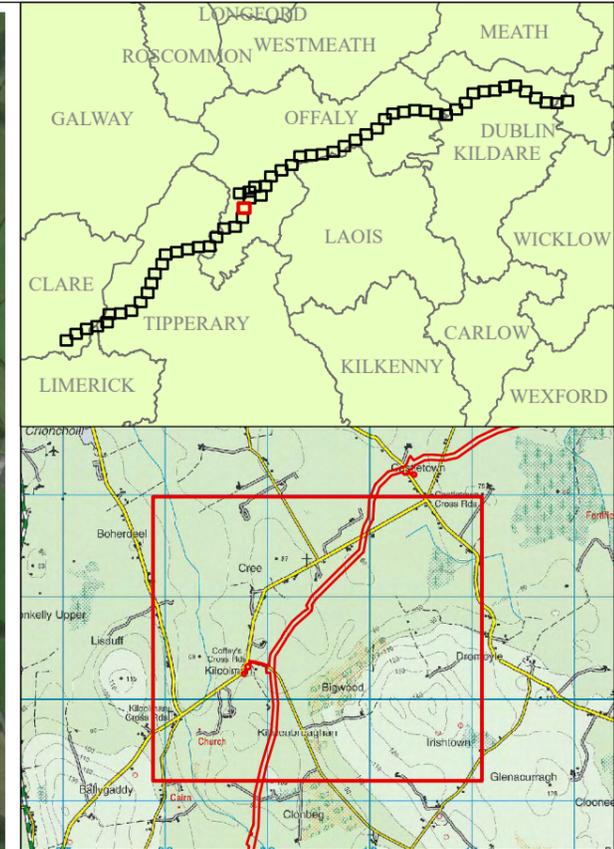
Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.23 Project Component Overview Sheet 22 of 59

Drawing Status: Final - Planning Application

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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

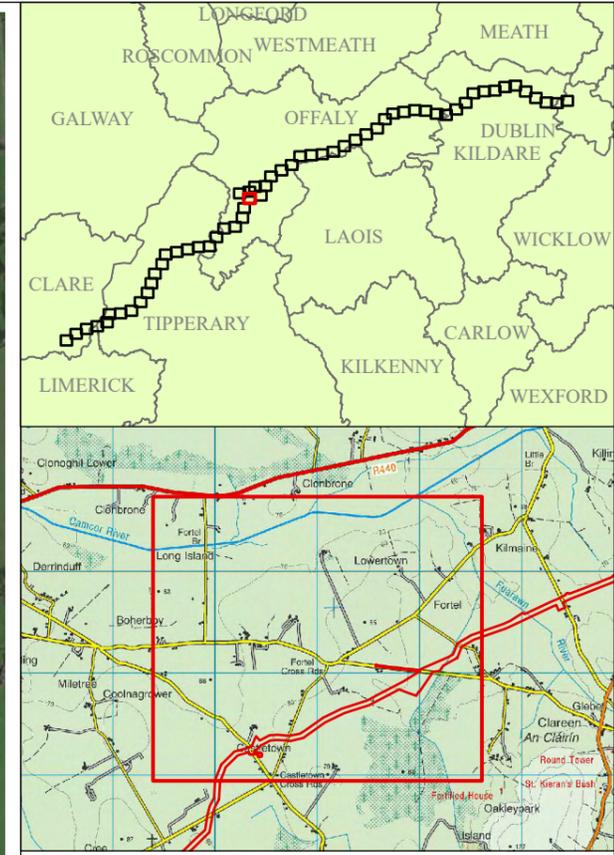
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Drawing Status: **Final - Planning Application**

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Legend

Red line: Planning Application Boundary	Green circle: Gas Crossing	Blue rectangle: Water Treatment Plant
Red dashed line: Potential Future Connection	Black circle: Railway Crossing	Purple rectangle: Break Pressure Tank
Blue square: Attenuation Location	Black circle with 'X': Road Crossing	Green rectangle: Booster Pumping Station
Black square: Lay-By Location	Black circle with 'X': Access Egress Locations	Orange rectangle: Termination Point Reservoir
Black circle: Manways	Blue circle: Watercourse Crossing WCX	Orange rectangle: Flow Control Valve
Black diamond: Air Valve	Blue circle: Watercourse Crossing WBX	Green rectangle: Tunnel Trenchless Crossing
Red circle with 'X': Line Valve	Blue circle: Potential Waterbody Crossing WBP	Green rectangle: Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle: Washout Valve (WA)	Blue circle: Watercourse Washout Location WCW	Blue rectangle: Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle: Washout Valve (WB)	Yellow line: Haul Roads	Yellow rectangle: Passing Lanes
Yellow circle: Electricity Medium and Low Voltage Crossing	Yellow line: Clustered Bog Drains	Red rectangle: Construction Compound (CC)
Yellow circle: Electricity High Voltage Crossing	Blue line: Raw Water Intake and Pumping Station	Purple rectangle: Pipe Storage Depot (PSD)
Blue circle: Station	Blue line: Raw Water Intake and Pumping Station	Blue rectangle: County Boundaries
Blue line: RW-xxx - Raw Water Chainage	Blue line: Raw Water Intake and Pumping Station	Blue rectangle: Tunnel Trenchless Crossing
Red line: TW-xxx - Treated Water Chainage	Blue line: Raw Water Intake and Pumping Station	Blue rectangle: Pipeline Centreline

**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light affixings, e.g. to set out wayleave fences.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

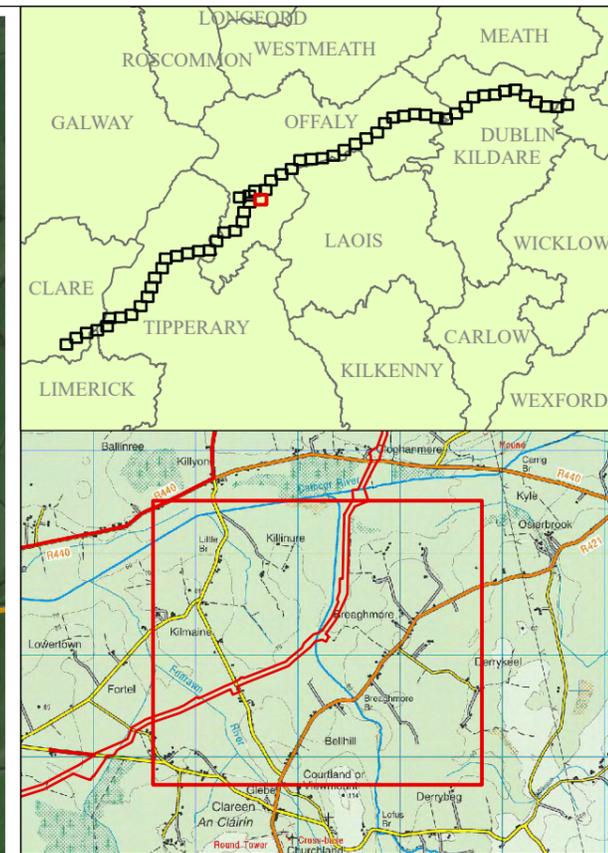
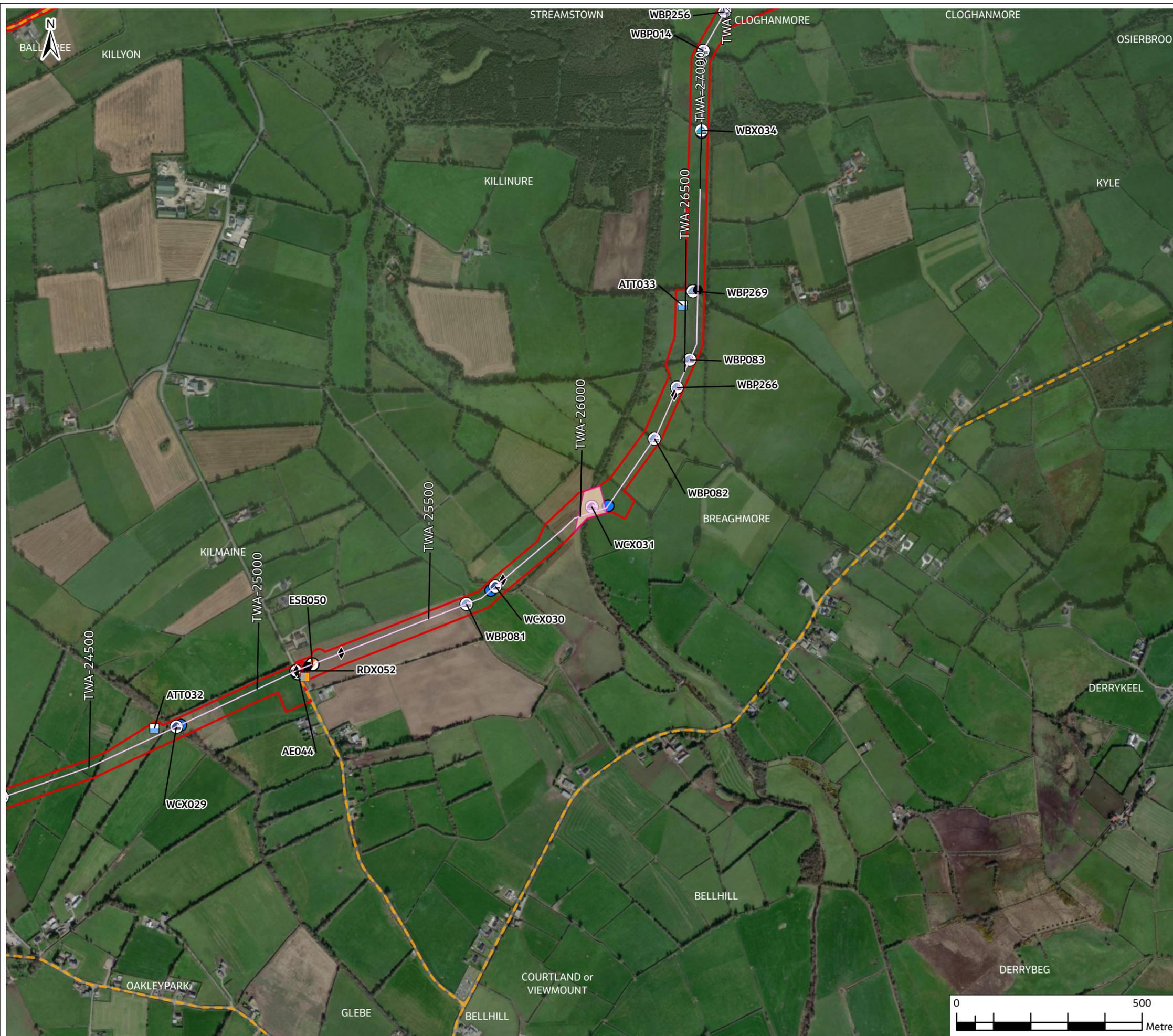
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Drawing Status: Final - Planning Application

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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WCB	Tunnel Trenchless Crossing
Line Valve	Watercourse Washout Location WCV	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Haul Roads	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Clustered Bog Drains	Passing Lanes
Electricity Medium and Low Voltage Crossing	Raw Water Intake and Pumping Station	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
Station	Raw Water Intake and Pumping Station	County Boundaries
Station	Raw Water Intake and Pumping Station	Tunnel Trenchless Crossing
Station	Raw Water Intake and Pumping Station	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

Project: Water Supply Project Eastern and Midlands Region

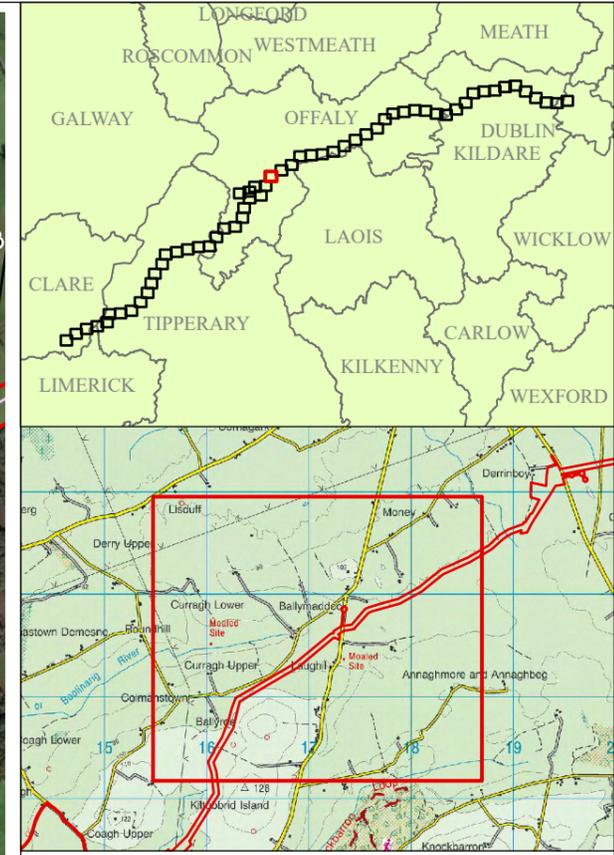
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Drawing Status: Final - Planning Application

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Client No.	9318	
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue square	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle with cross	Booster Pumping Station
Black circle	Lay-By Location	Black circle with cross	Access Egress Locations	Orange rectangle	Termination Point Reservoir
Black diamond	Air Valve	Blue circle	Watercourse Crossing WXC	Orange rectangle with cross	Flow Control Valve
Red circle with slash	Line Valve	Blue circle with cross	Watercourse Crossing WBX	Green rectangle with cross	Tunnel Trenchless Crossing
Blue circle	Washout Valve (WA)	Blue circle with cross	Potential Waterbody Crossing WBP	Green rectangle with cross	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WB)	Blue circle with cross	Watercourse Washout Location WCW	Green rectangle with cross	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Lightning bolt	Electricity Medium and Low Voltage Crossing	Blue circle with cross	Haul Roads	Yellow rectangle	Passing Lanes
Lightning bolt	Electricity High Voltage Crossing	Blue circle with cross	Clustered Bog Drains	Yellow rectangle with cross	Construction Compound (CC)
Blue circle with cross	Raw Water Intake and Pumping Station	Blue circle with cross	Raw Water Intake and Pumping Station	Yellow rectangle with cross	Pipe Storage Depot (PSD)

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

Drawing Title: **Figure 4.31 Project Component Overview Sheet 30 of 59**

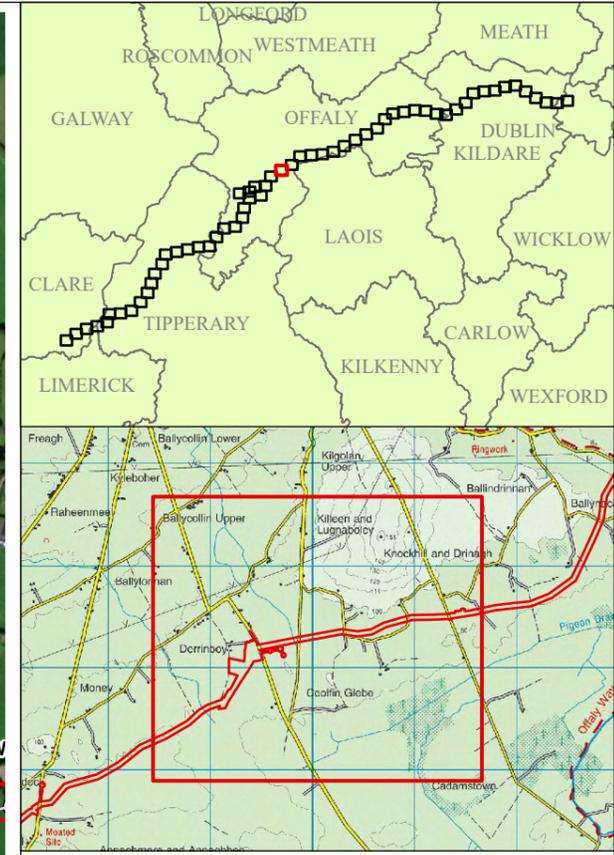
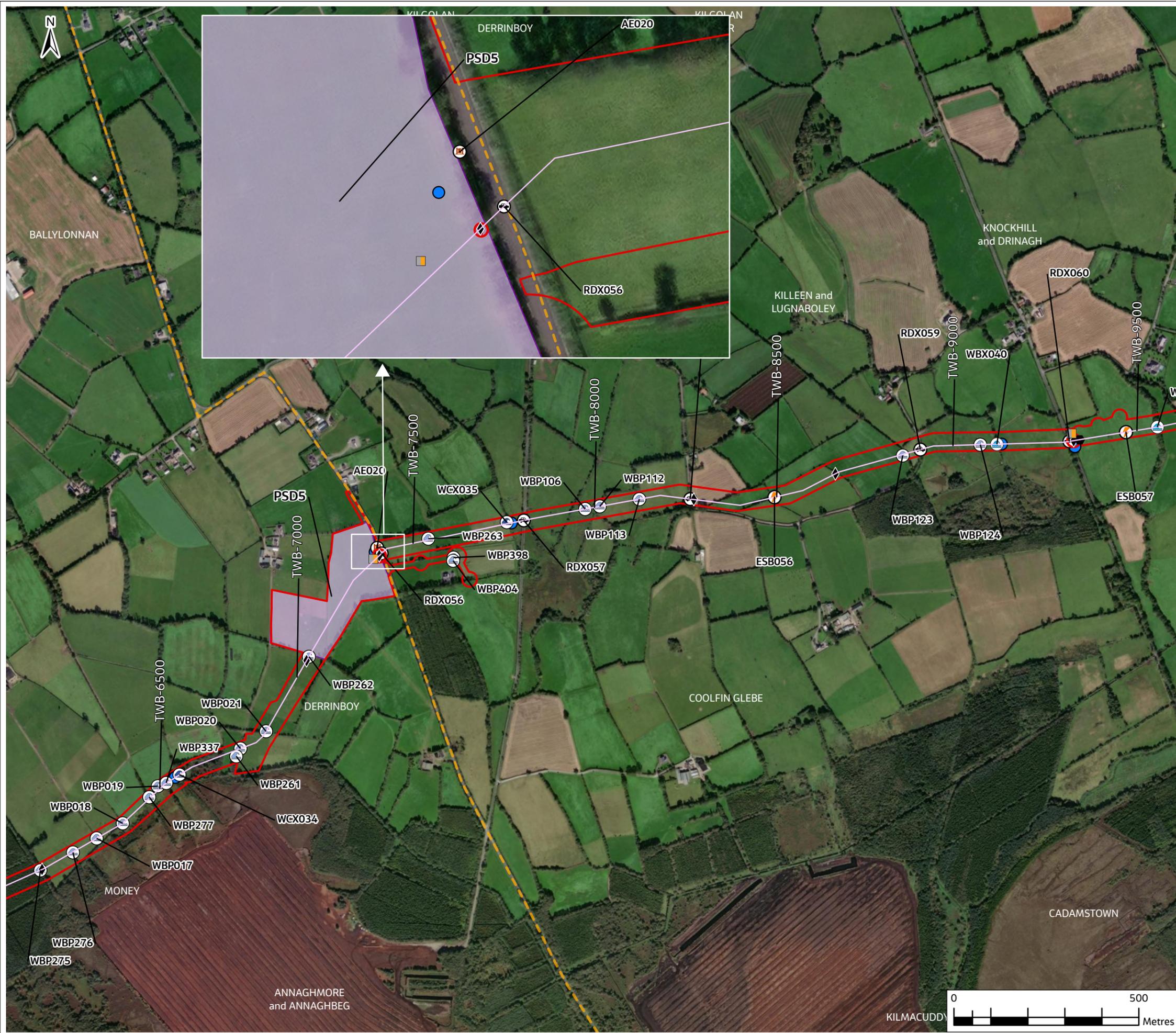
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F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

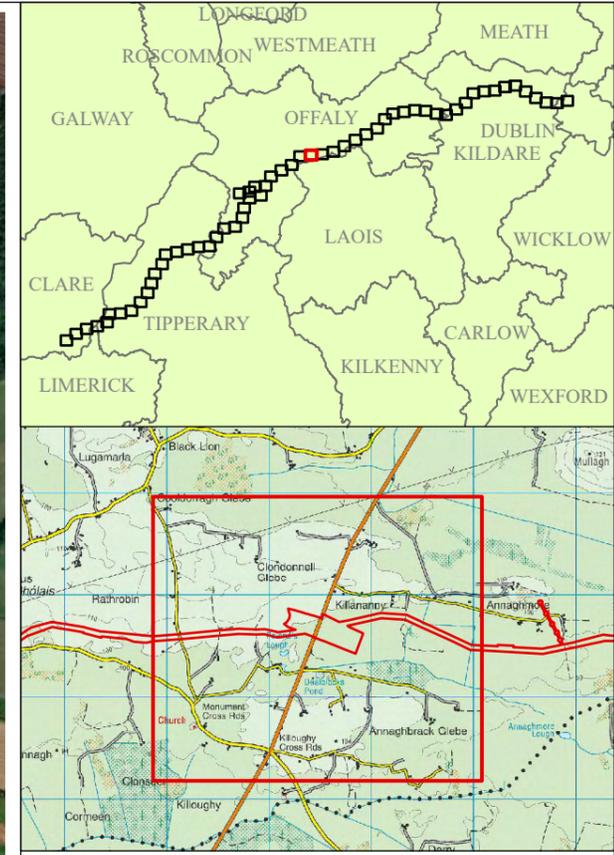
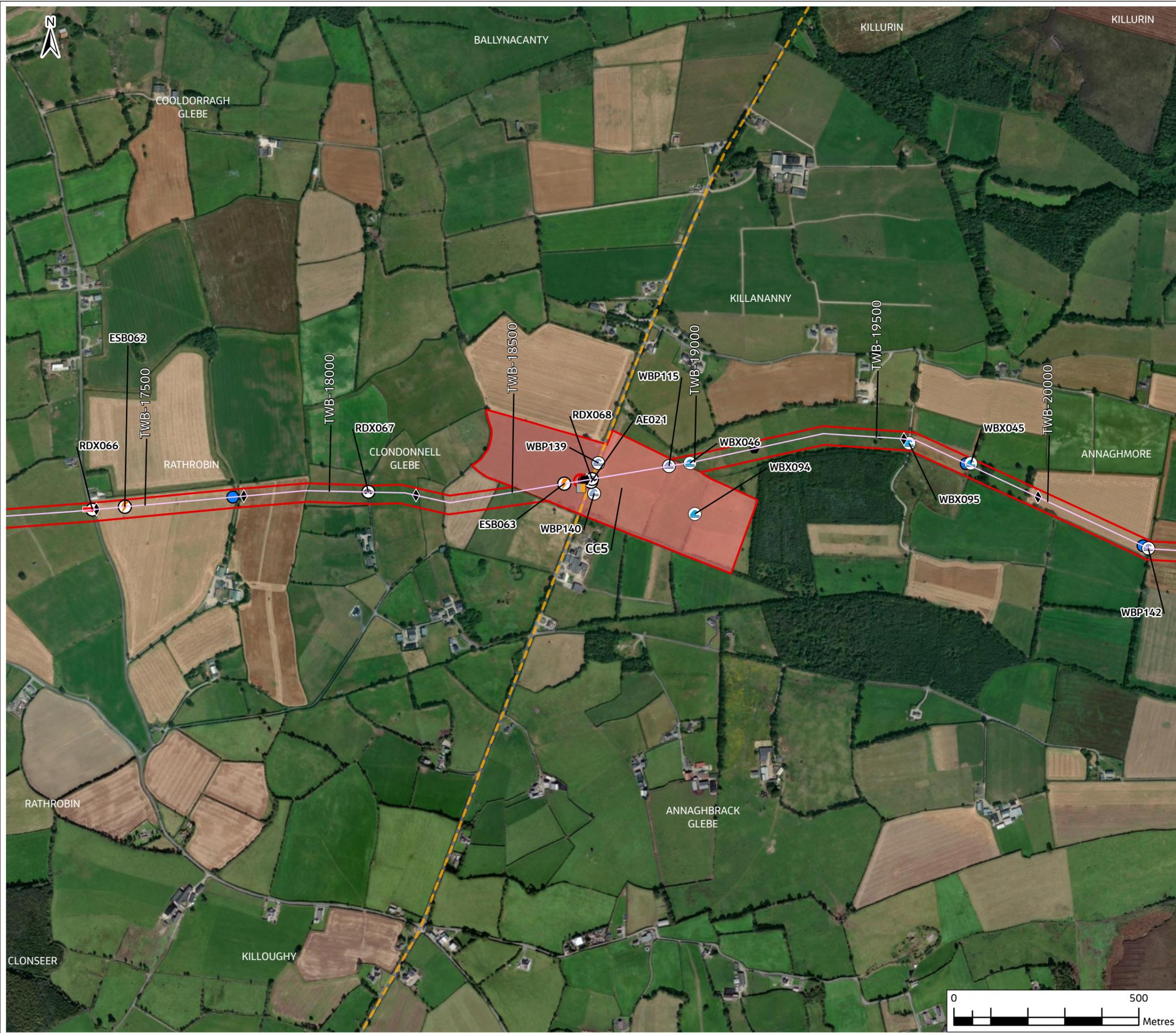
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Drawing Title: **Figure 4.32 Project Component Overview Sheet 31 of 59**

Drawing Status: **Final - Planning Application**

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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Point	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Railway Crossing	Green rectangle	Booster Pumping Station
Black square	Lay-By Location	Black circle with cross	Road Crossing	Orange rectangle	Termination Point Reservoir
Black diamond	Manways	Blue circle	Access Egress Locations	Orange rectangle	Flow Control Valve
Black diamond	Air Valve	Blue circle	Watercourse Crossing WCX	Green rectangle	Tunnel Trenchless Crossing
Red circle with slash	Line Valve	Blue circle	Watercourse Crossing WBX	Green rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WA)	Blue circle	Potential Waterbody Crossing WBP	Yellow rectangle	Passing Lanes
Blue circle	Washout Valve (WB)	Blue circle	Watercourse Washout Location WCW	Yellow rectangle	Construction Compound (CC)
Lightning bolt	Electricity Medium and Low Voltage Crossing	Blue circle	Haul Roads	Purple rectangle	Pipe Storage Depot (PSD)
Lightning bolt	Electricity High Voltage Crossing	Blue circle	Clustered Bog Drains	Pink rectangle	County Boundaries
Lightning bolt	Station	Blue circle	Raw Water Intake and Pumping	Pink rectangle	Tunnel Trenchless Crossing

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wayleave fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client



Project
 Water Supply Project
 Eastern and Midlands Region

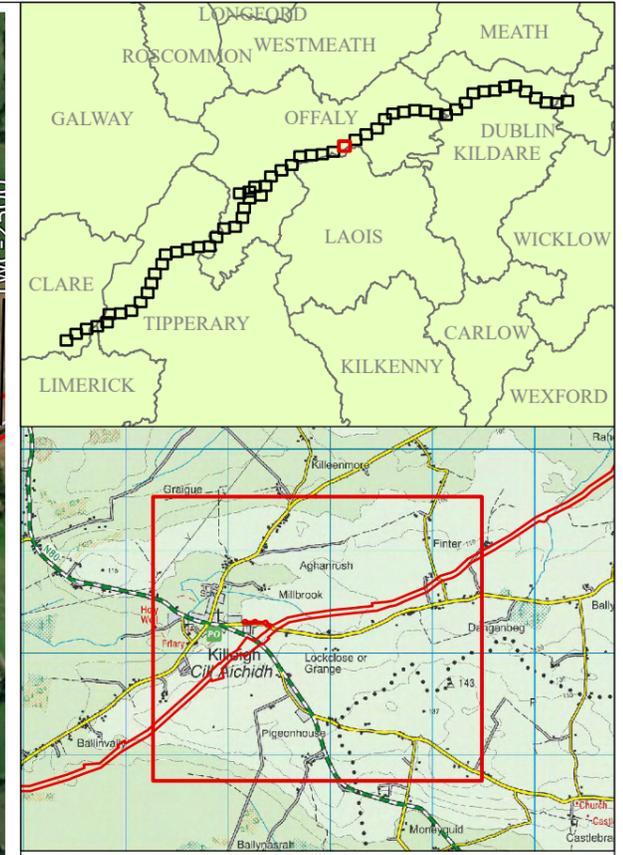
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 Project Component Overview
 Sheet 34 of 59

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Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCW	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing Station	Raw Water Intake and Pumping	Pipe Storage Depot (PSD)
Raw Water Intake and Pumping Station	County Boundaries	Tunnel Trenchless Crossing
County Boundaries	Pipeline Centreline	Pipeline Centreline

RW-xxx - Raw Water Chainage
TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client:

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.38 Project Component Overview Sheet 37 of 59

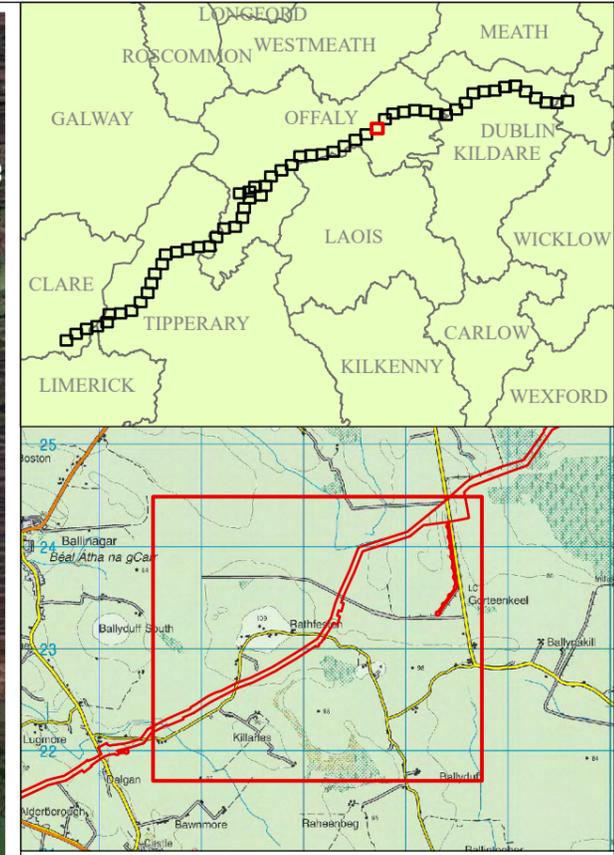
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Air Valve	Watercourse Crossing WXC	Flow Control Valve
Line Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Washout Valve (WA)	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WB)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Electricity Medium and Low Voltage Crossing	Haul Roads	Passing Lanes
Electricity High Voltage Crossing Station	Clustered Bog Drains	Construction Compound (CC)
Raw Water Intake and Pumping Station	County Boundaries	Pipe Storage Depot (PSD)
RW-xxx - Raw Water Chainage	Tunnel Trenchless Crossing	Pipeline Centreline
TW-xxx - Treated Water Chainage	Tunnel Trenchless Crossing	

**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

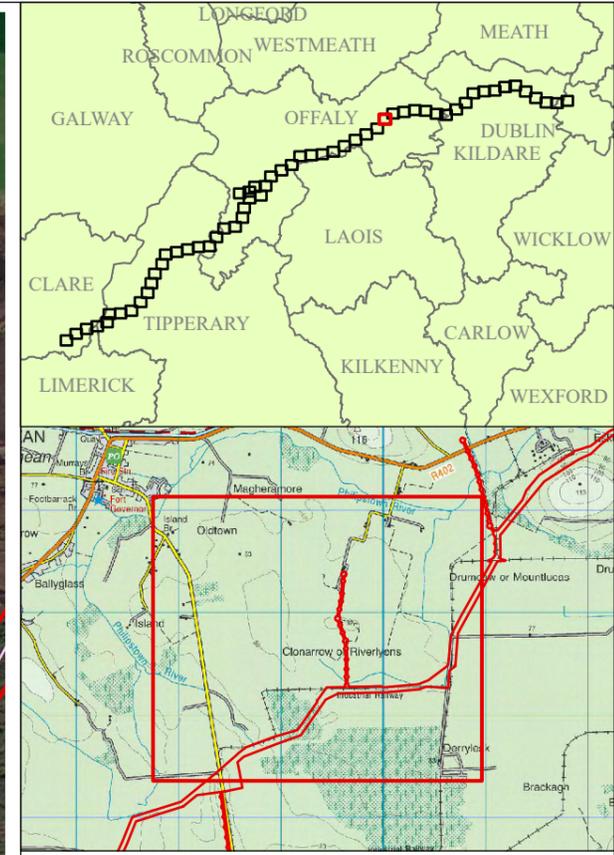
Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.41 Project Component Overview Sheet 40 of 59

Drawing Status: Final - Planning Application

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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCW	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
Station	County Boundaries	Tunnel Trenchless Crossing
RW-xxx - Raw Water Chainage	Pipeline Centreline	Pipeline Centreline
TW-xxx - Treated Water Chainage		

*Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light traffic, e.g. to set out waste fence.

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client:

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.42 Project Component Overview Sheet 41 of 59

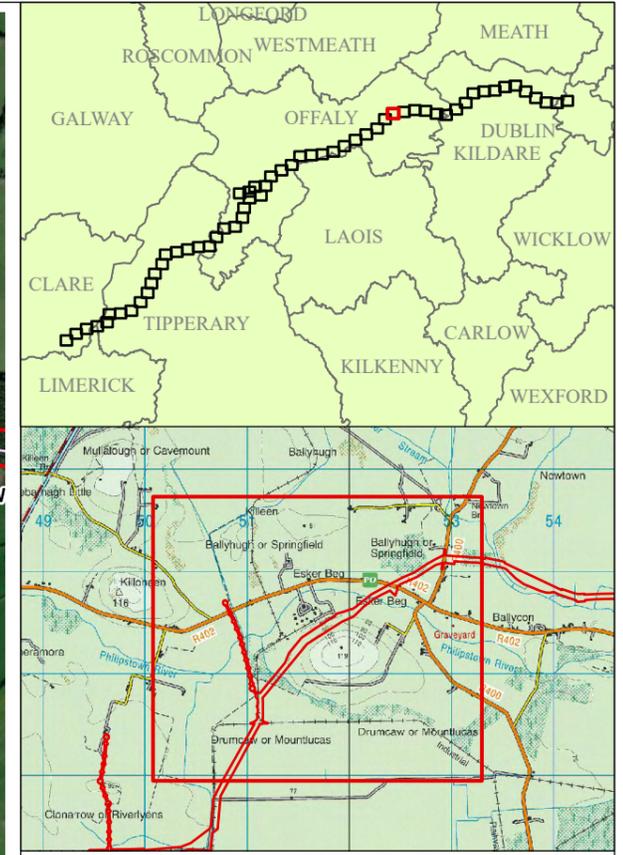
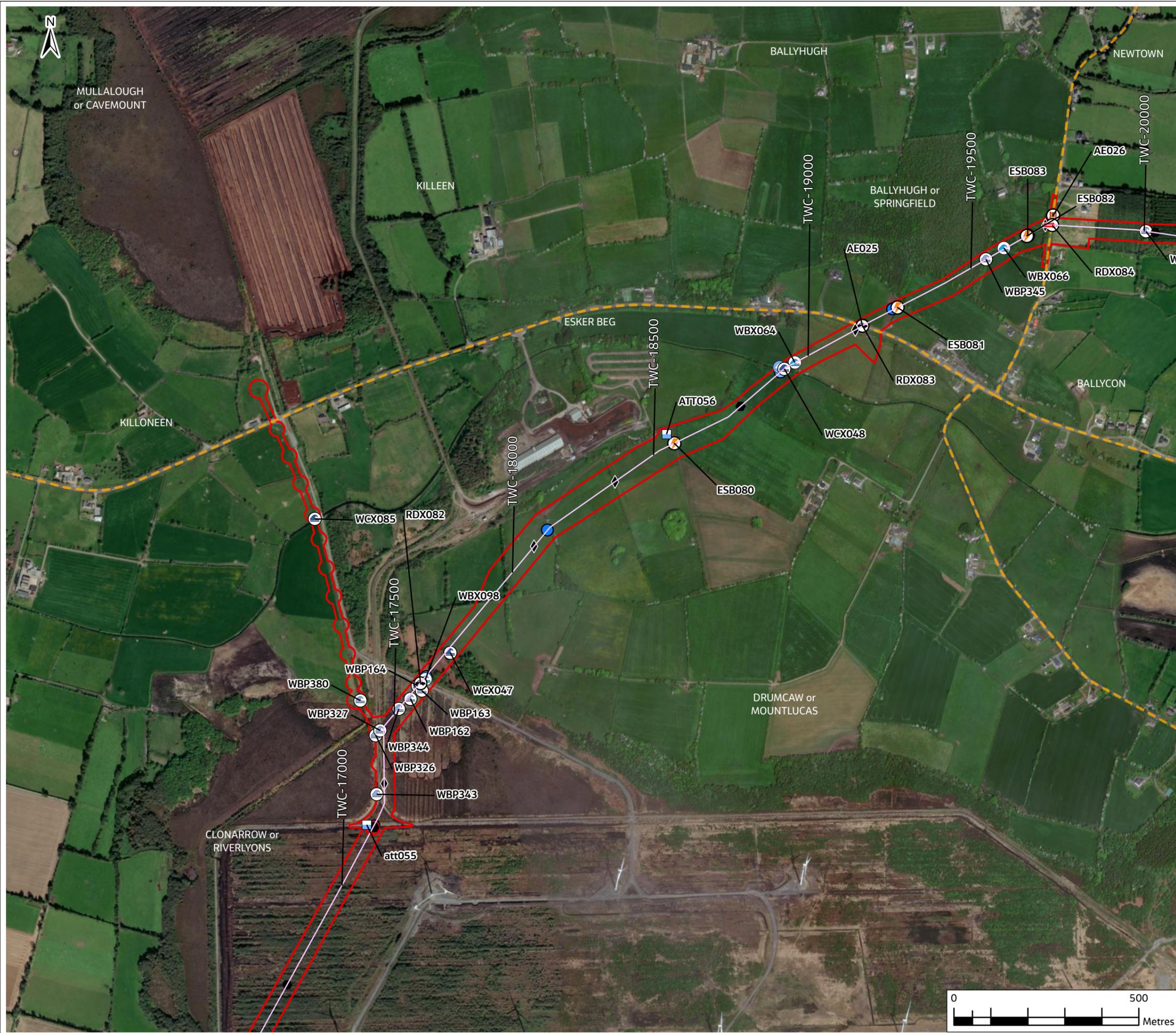
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue square	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green square	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green square	Booster Pumping Station
Black square	Lay-By Location	Black circle with cross	Access Egress Locations	Orange square	Termination Point Reservoir
Black diamond	Air Valve	Blue circle	Watercourse Crossing WCX	Orange square	Flow Control Valve
Red circle with slash	Line Valve	Blue circle	Watercourse Crossing WBX	Green square	Tunnel Trenchless Crossing
Blue circle	Washout Valve (WA)	Blue circle	Potential Waterbody Crossing WBP	Yellow square	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WB)	Blue circle	Watercourse Washout Location WCW	Yellow square	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Lightning bolt	Electricity Medium and Low Voltage Crossing	Blue circle	Haul Roads	Yellow square	Passing Lanes
Lightning bolt	Electricity High Voltage Crossing Station	Blue circle	Clustered Bog Drains	Yellow square	Construction Compound (CC)
Blue circle	Raw Water Intake and Pumping Station	Blue circle	Raw Water Intake and Pumping Station	Yellow square	Pipe Storage Depot (PSD)
Blue circle	Raw Water Intake and Pumping Station	Blue circle	Raw Water Intake and Pumping Station	Yellow square	County Boundaries
Blue circle	Raw Water Intake and Pumping Station	Blue circle	Raw Water Intake and Pumping Station	Yellow square	Tunnel Trenchless Crossing
Blue circle	Raw Water Intake and Pumping Station	Blue circle	Raw Water Intake and Pumping Station	Yellow square	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.43 Project Component Overview Sheet 42 of 59

Drawing Status: Final - Planning Application

Scale @ A3: 1:10,000 DO NOT SCALE

Jacobs No.: 32105801

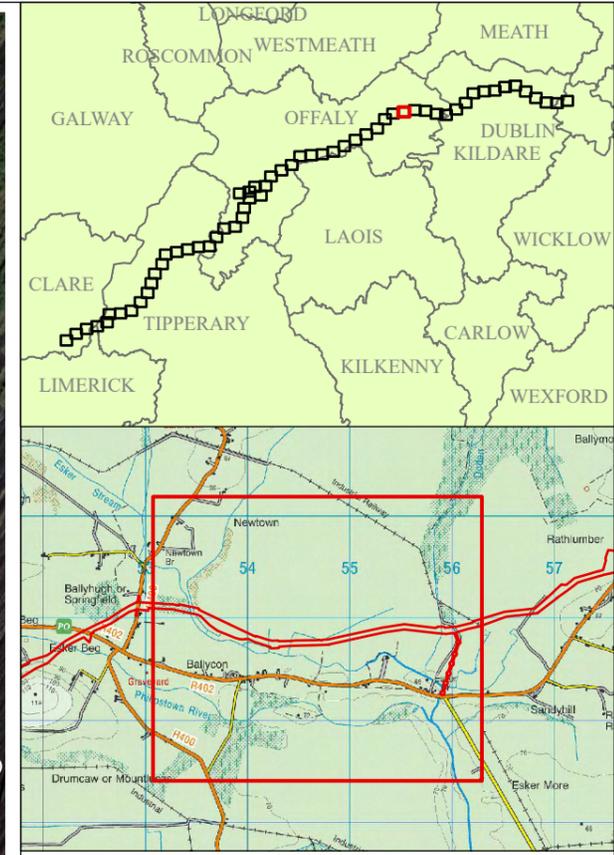
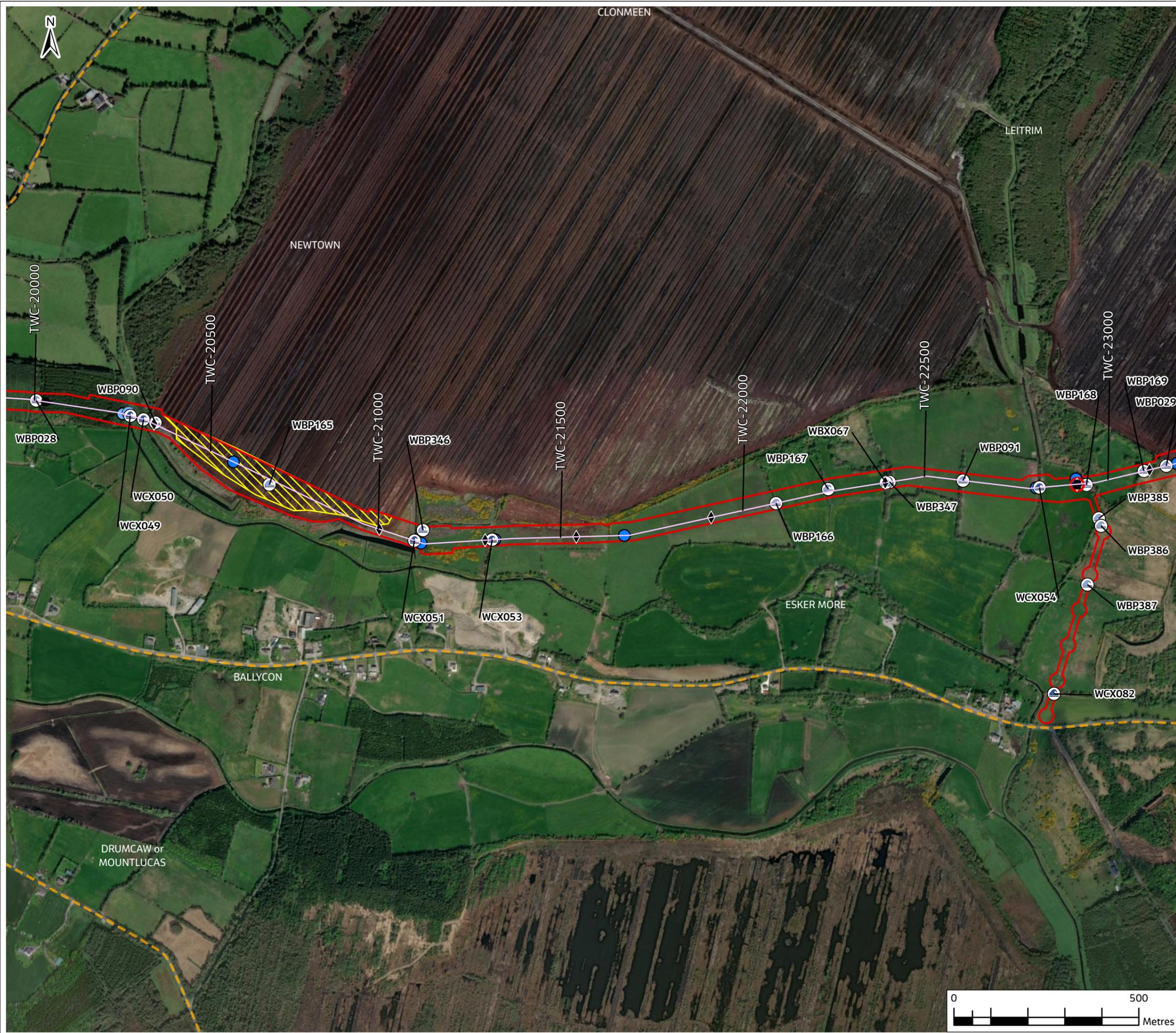
Client No.: 9318

Drawing No.: 32105801/700/06082

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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle with cross	Booster Pumping Station
Black circle	Lay-By Location	Black circle with cross	Access Egress Locations	Red rectangle	Termination Point Reservoir
Black circle	Manways	Black circle with cross	Watercourse Crossing WCX	Red rectangle	Flow Control Valve
Black circle	Air Valve	Black circle with cross	Potential Waterbody Crossing WBP	Red rectangle	Tunnel Trenchless Crossing
Black circle	Line Valve	Black circle with cross	Watercourse Crossing WCB	Red rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Black circle	Washout Valve (WA)	Black circle with cross	Watercourse Crossing WCA	Red rectangle	Passing Lanes
Black circle	Washout Valve (WB)	Black circle with cross	Watercourse Washout Location WCV	Red rectangle	Construction Compound (CC)
Black circle	Electricity Medium and Low Voltage Crossing	Black circle with cross	Clustering Bog Drains	Red rectangle	Pipe Storage Depot (PSD)
Black circle	Electricity High Voltage Crossing Station	Black circle with cross	Raw Water Intake and Pumping	Red rectangle	County Boundaries
Black circle	Raw Water Intake and Pumping Station	Black circle with cross	Raw Water Intake and Pumping	Red rectangle	Tunnel Trenchless Crossing
Black circle	Raw Water Intake and Pumping Station	Black circle with cross	Raw Water Intake and Pumping	Red rectangle	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

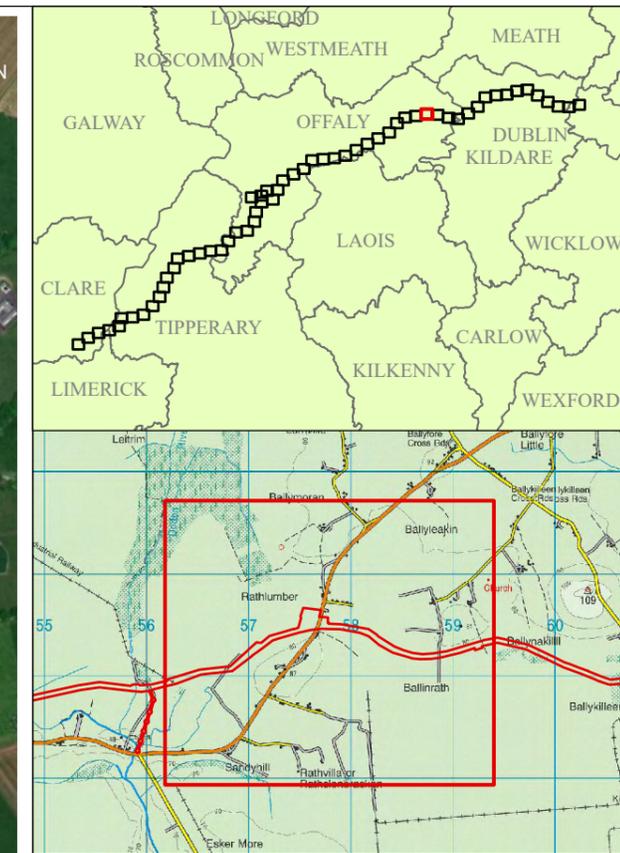
Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 4.44
 Project Component Overview
 Sheet 43 of 59

Drawing Status
 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06083	
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Legend	
Red line	Planning Application Boundary
Red dashed line	Potential Future Connection
Blue square	Attenuation Location
Black square	Lay-By Location
Black circle	Manways
Black diamond	Air Valve
Red circle with slash	Line Valve
Blue circle with slash	Washout Valve (WA)
Blue circle with slash	Washout Valve (WB)
Lightning bolt	Electricity Medium and Low Voltage Crossing
Lightning bolt	Electricity High Voltage Crossing
Green circle	Gas Crossing
Black circle	Railway Crossing
Black circle	Road Crossing
Black circle	Access Egress Locations
Blue circle	Watercourse Crossing WCX
Blue circle	Watercourse Crossing WBX
Blue circle	Potential Waterbody Crossing WBP
Blue circle	Watercourse Washout Location WCV
Blue circle	Raw Water Intake and Pumping Station
Green circle	Break Pressure Tank
Green circle	Booster Pumping Station
Orange circle	Termination Point Reservoir
Orange circle	Flow Control Valve
Green circle	Tunnel Trenchless Crossing
Green circle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Yellow line	Passing Lanes
Red line	Construction Compound (CC)
Purple line	Pipe Storage Depot (PSD)
Black line	County Boundaries
Green line	Tunnel Trenchless Crossing
Pink line	Pipeline Centreline

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

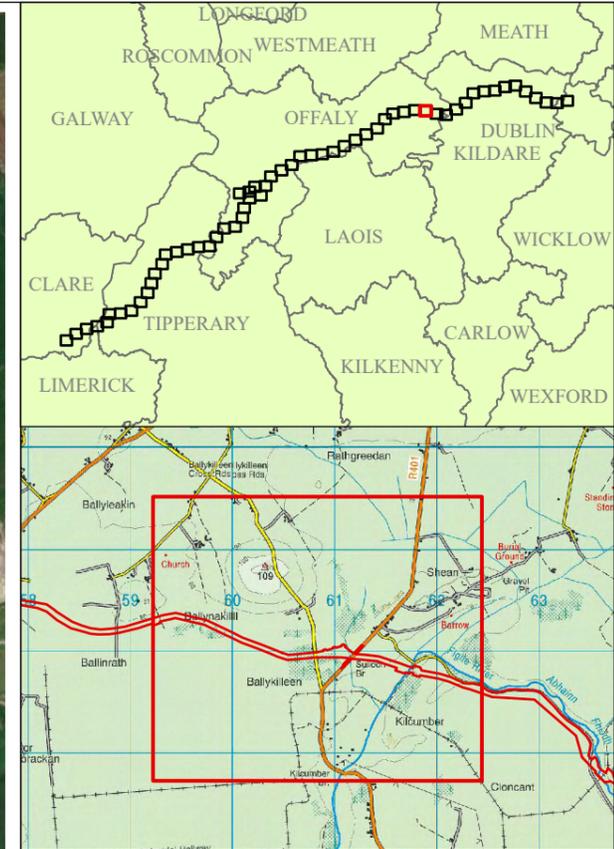
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Drawing Status: **Final - Planning Application**

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Client No.	9318	
Drawing No.	32105801/700/06084	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WCB	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
RW-xxx - Raw Water Chainage	County Boundaries	Tunnel Trenchless Crossing
TW-xxx - Treated Water Chainage	Pipeline Centreline	

*Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

Project: Water Supply Project Eastern and Midlands Region

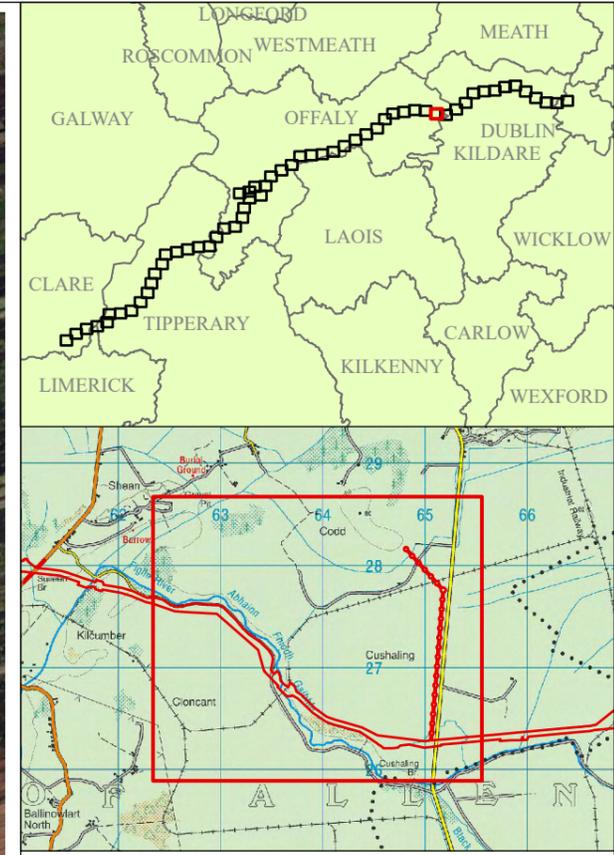
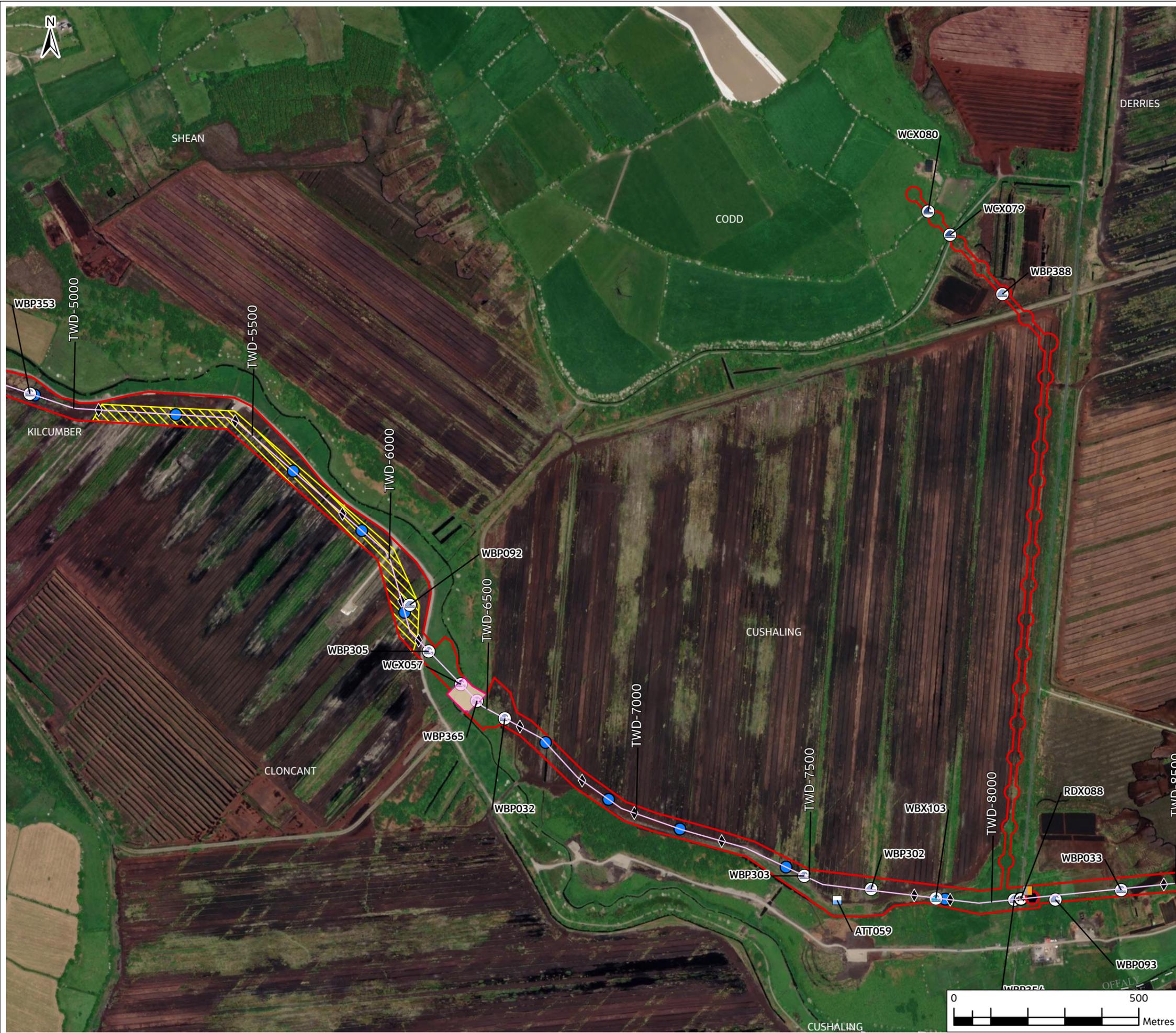
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Drawing Status: Final - Planning Application

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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with 'X'	Road Crossing	Green rectangle with 'X'	Booster Pumping Station
Black square	Lay-By Location	Black circle with 'X'	Access Egress Locations	Orange rectangle	Termination Point Reservoir
Black diamond	Air Valve	Blue circle	Watercourse Crossing WCX	Orange rectangle	Flow Control Valve
Red circle with 'X'	Line Valve	Blue circle	Watercourse Crossing WBX	Green rectangle	Tunnel Trenchless Crossing
Blue circle	Washout Valve (WA)	Blue circle	Potential Waterbody Crossing WBP	Green rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WB)	Blue circle	Watercourse Washout Location WCV	Green rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Lightning bolt	Electricity Medium and Low Voltage Crossing	Blue circle	Haul Roads	Yellow rectangle	Passing Lanes
Lightning bolt	Electricity High Voltage Crossing Station	Yellow rectangle	Clustered Bog Drains	Yellow rectangle	Construction Compound (CC)
Blue circle	Raw Water Intake and Pumping Station	Yellow rectangle	Raw Water Intake and Pumping Station	Yellow rectangle	Pipe Storage Depot (PSD)
Blue circle	Raw Water Intake and Pumping Station	Yellow rectangle	Raw Water Intake and Pumping Station	Yellow rectangle	County Boundaries
Blue circle	Raw Water Intake and Pumping Station	Yellow rectangle	Raw Water Intake and Pumping Station	Yellow rectangle	Tunnel Trenchless Crossing
Blue circle	Raw Water Intake and Pumping Station	Yellow rectangle	Raw Water Intake and Pumping Station	Yellow rectangle	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fencing.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

JACOBS TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

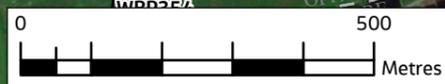
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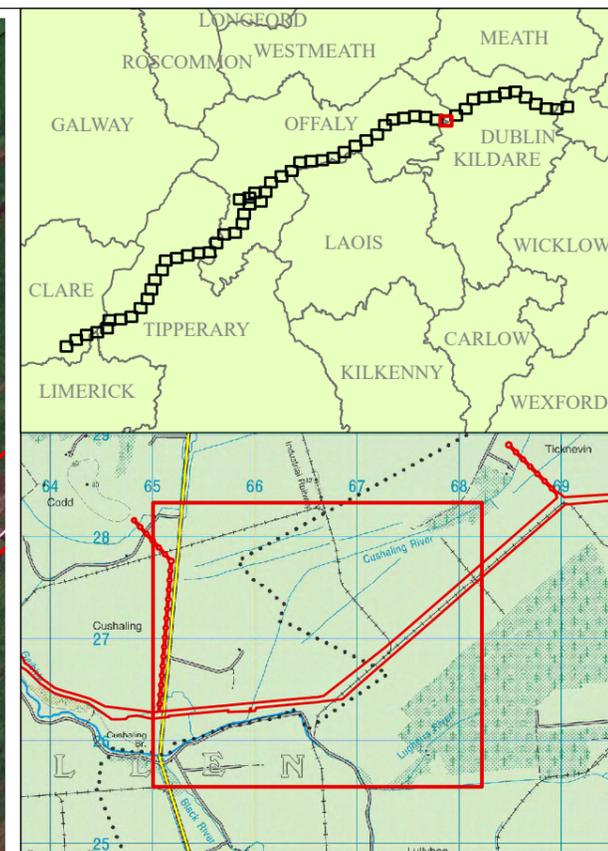
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Client No.	9318	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCW	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
Station	County Boundaries	Tunnel Trenchless Crossing
RW-xxx - Raw Water Chainage	Pipeline Centreline	Pipeline Centreline
TW-xxx - Treated Water Chainage		

*Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste/levee fences.

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

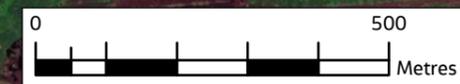
Drawing Title
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 Project Component Overview
 Sheet 47 of 59

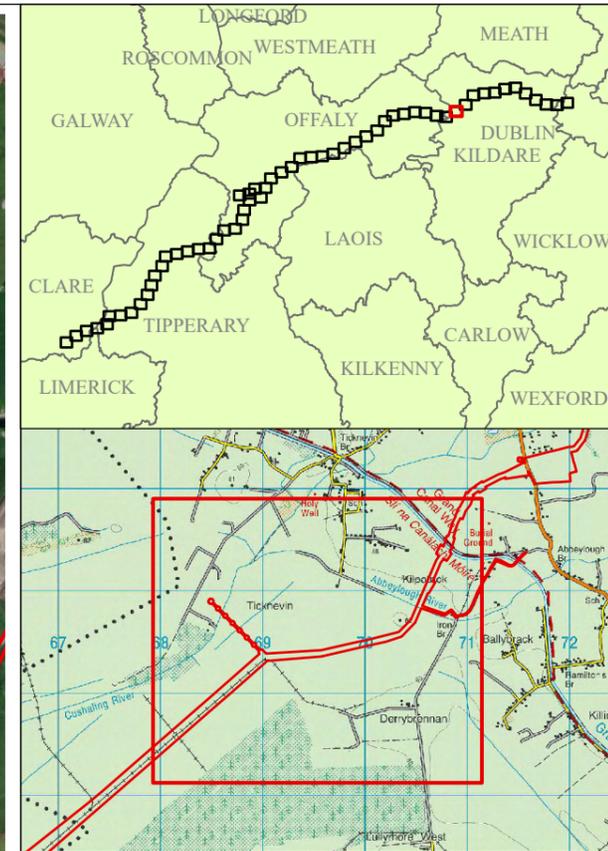
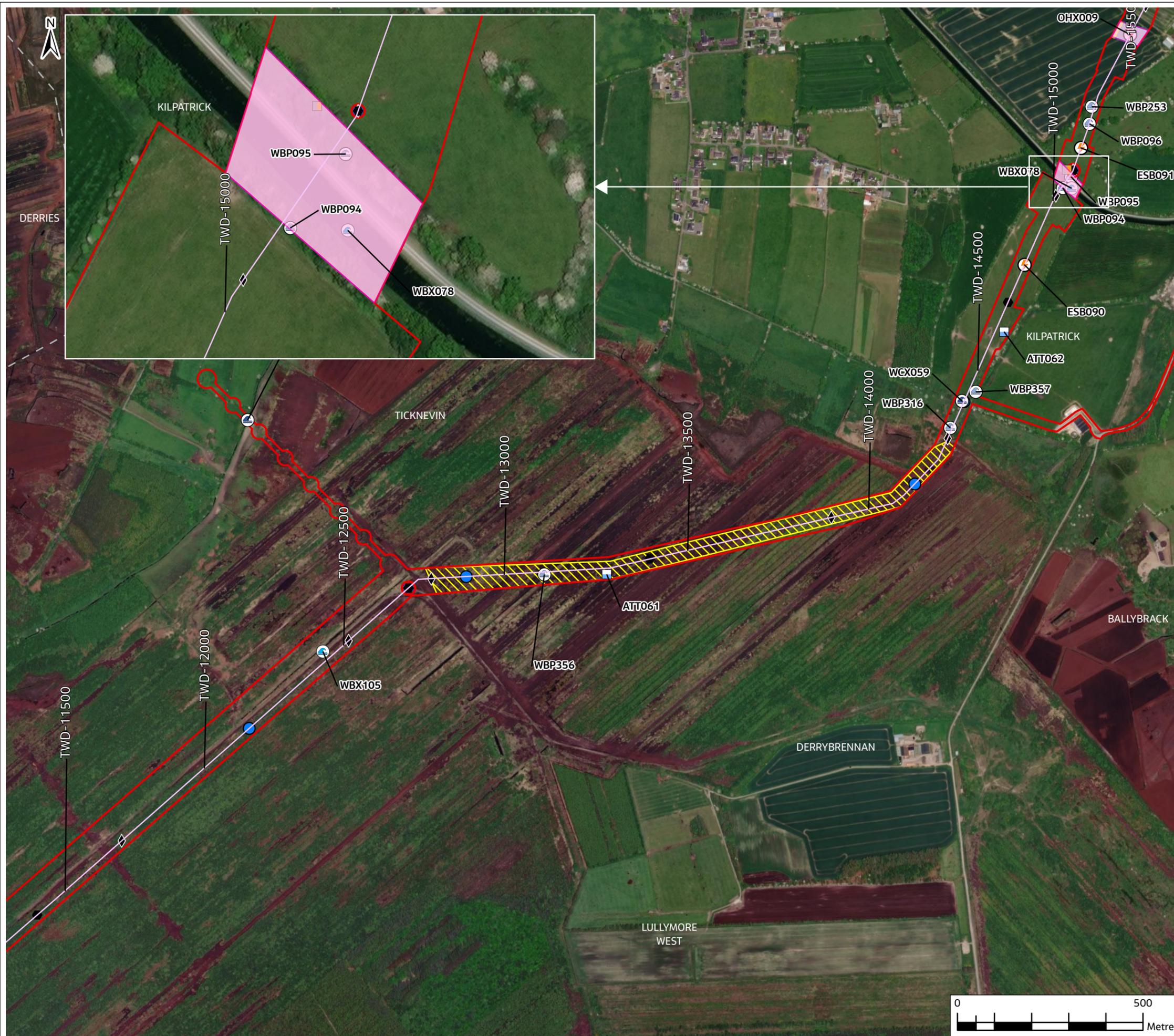
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Legend	
Red line	Planning Application Boundary
Red dashed line	Potential Future Connection
Blue square	Attenuation Location
Black square	Lay-By Location
Black circle	Manways
Red circle with slash	Line Valve
Blue circle with slash	Washout Valve (WA)
Blue circle	Washout Valve (WB)
Lightning bolt	Electricity Medium and Low Voltage Crossing
Lightning bolt with slash	Electricity High Voltage Crossing
Green circle	Gas Crossing
Black circle with cross	Railway Crossing
Black circle with diagonal lines	Road Crossing
Black circle with horizontal lines	Access Egress Locations
Blue circle with 'W'	Watercourse Crossing WCX
Blue circle with 'WB'	Watercourse Crossing WBX
Blue circle with 'W'	Watercourse Washout Location WCW
Blue circle with 'WB'	Watercourse Washout Location WCB
Yellow line	Haul Roads
Yellow hatched area	Clustered Bog Drains
Green circle with 'R'	Raw Water Intake and Pumping Station
Blue circle with 'W'	Water Treatment Plant
Green circle with 'B'	Break Pressure Tank
Green circle with 'P'	Booster Pumping Station
Orange circle	Termination Point Reservoir
Orange circle with 'F'	Flow Control Valve
Green circle with 'T'	Tunnel Trenchless Crossing
Green circle with 'N'	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle with 'P'	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Yellow hatched area	Passing Lanes
Red hatched area	Construction Compound (CC)
Purple hatched area	Pipe Storage Depot (PSD)
Black dashed line	County Boundaries
Pink hatched area	Tunnel Trenchless Crossing
Pink dashed line	Pipeline Centreline

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:  

Project: Water Supply Project
Eastern and Midlands Region

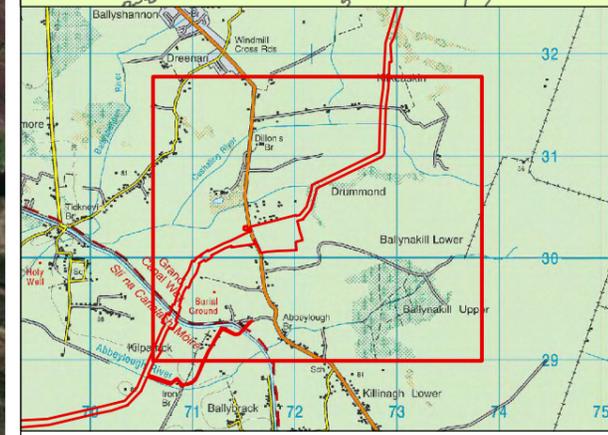
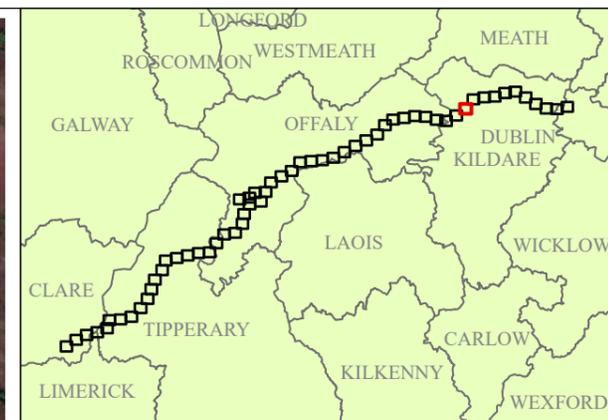
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Project Component Overview
Sheet 48 of 59

Drawing Status: Final - Planning Application

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Legend	Legend	Legend
Red line: Planning Application Boundary	Green circle: Gas Crossing	Blue rectangle: Water Treatment Plant
Red dashed line: Potential Future Connection	Black circle: Railway Crossing	Green rectangle: Break Pressure Tank
Blue square: Attenuation Location	Black circle with 'X': Road Crossing	Green rectangle: Booster Pumping Station
Blue square: Lay-By Location	Black circle with 'X': Access Egress Locations	Orange rectangle: Termination Point Reservoir
Black circle: Manways	Blue circle: Watercourse Crossing WCX	Green rectangle: Tunnel Trenchless Crossing with No Above Ground Disturbance
Black diamond: Air Valve	Blue circle: Watercourse Crossing WBX	Green rectangle: Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Red circle with 'X': Line Valve	Blue circle: Potential Waterbody Crossing WBP	Yellow rectangle: Passing Lanes
Blue circle: Washout Valve (WA)	Blue circle: Watercourse Washout Location WCW	Yellow rectangle: Construction Compound (CC)
Blue circle: Washout Valve (WB)	Blue circle: Haul Roads	Purple rectangle: Pipe Storage Depot (PSD)
Yellow circle: Electricity Medium and Low Voltage Crossing	Yellow rectangle: Clustered Bog Drains	Pink rectangle: County Boundaries
Red circle with 'X': Electricity High Voltage Crossing	Blue rectangle: Raw Water Intake and Pumping Station	Pink rectangle: Tunnel Trenchless Crossing
Blue circle: Station	Blue rectangle: Raw Water Intake and Pumping Station	Pink rectangle: Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

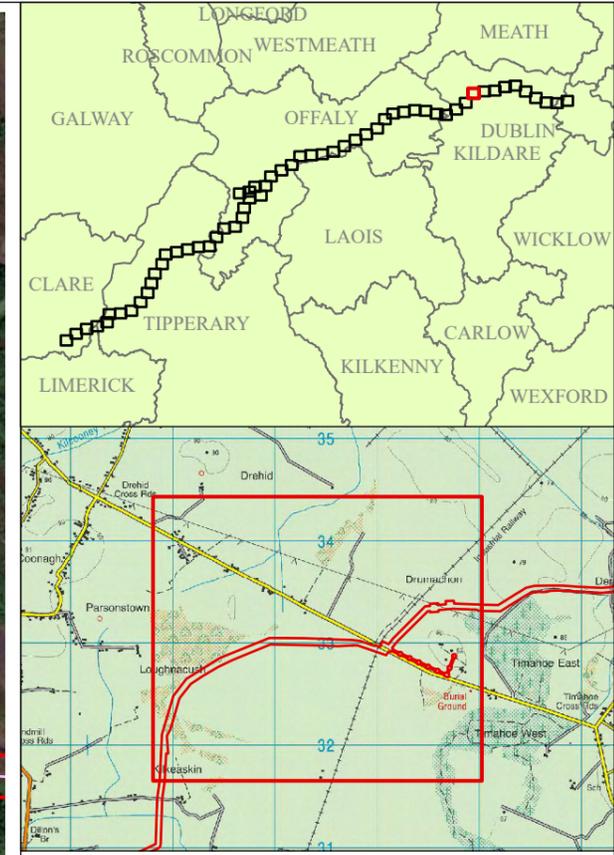
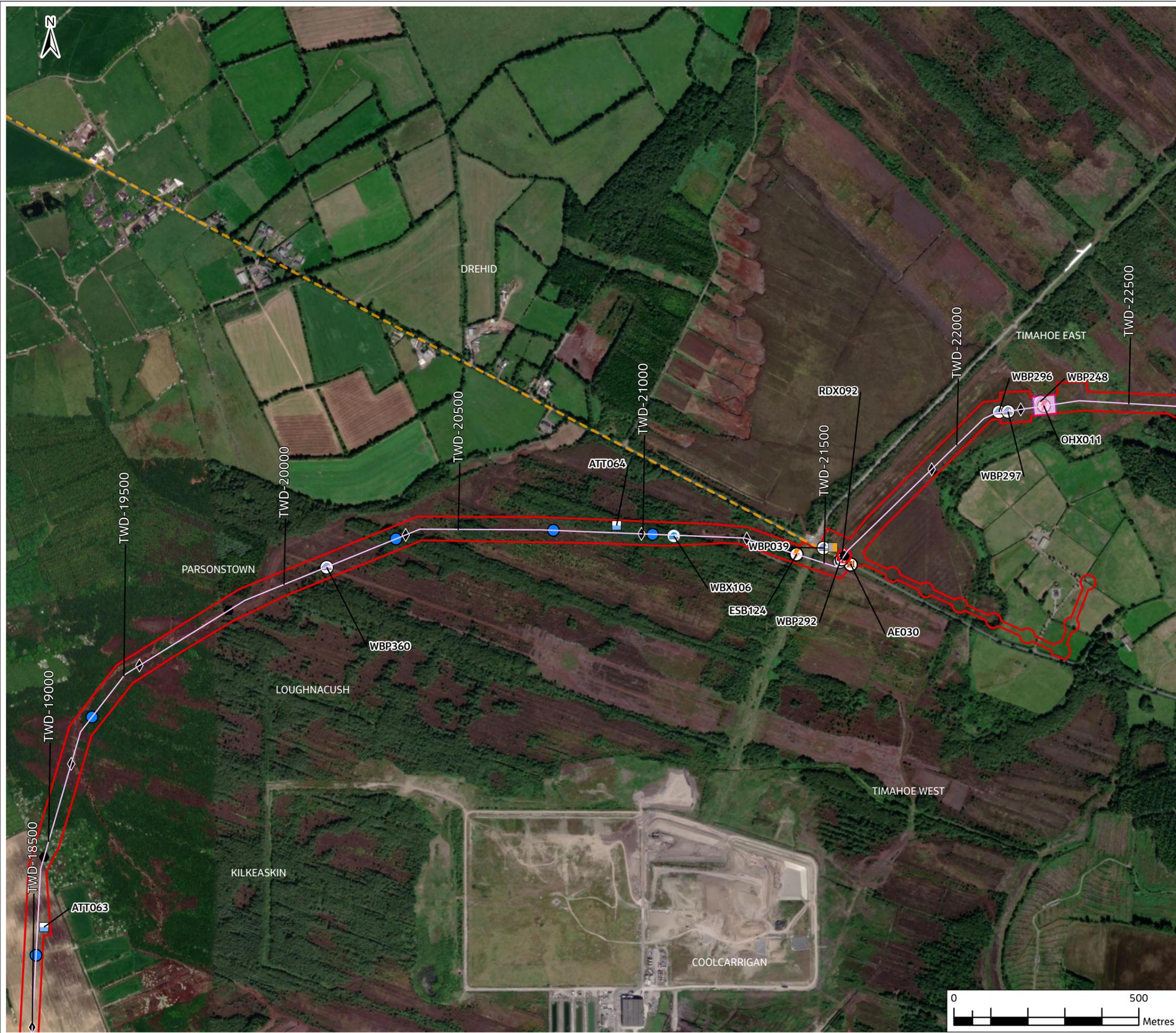
Drawing Title: **Figure 4.50 Project Component Overview Sheet 49 of 59**

Drawing Status: **Final - Planning Application**

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Client No.	9318	
Drawing No.	32105801/700/06089	
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Green rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Black rectangle	Booster Pumping Station
Blue circle	Lay-By Location	Black circle with dot	Access Egress Locations	Black rectangle with cross	Termination Point Reservoir
Black circle	Manways	Blue circle	Watercourse Crossing WCX	Black rectangle with dot	Flow Control Valve
Black diamond	Air Valve	Blue circle with cross	Watercourse Crossing WBX	Black rectangle with dot	Tunnel Trenchless Crossing
Red circle with slash	Line Valve	Blue circle with cross	Potential Waterbody Crossing WBP	Black rectangle with dot	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle with slash	Washout Valve (WA)	Blue circle with cross	Watercourse Washout Location WCV	Black rectangle with dot	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle with slash	Washout Valve (WB)	Blue circle with cross	Haul Roads	Black rectangle with dot	Passing Lanes
Yellow circle with slash	Electricity Medium and Low Voltage Crossing	Blue circle with cross	Clustered Bog Drains	Black rectangle with dot	Construction Compound (CC)
Red circle with slash	Electricity High Voltage Crossing	Blue circle with cross	Raw Water Intake and Pumping Station	Black rectangle with dot	Pipe Storage Depot (PSD)
Blue circle with slash	Station	Blue circle with cross	County Boundaries	Black rectangle with dot	Tunnel Trenchless Crossing

RW-xxx - Raw Water Chaiage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chaiage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Client
Uisce Éireann Irish Water, Tionscadal Soláthair Uisce Water Supply Project

Project
Water Supply Project Eastern and Midlands Region

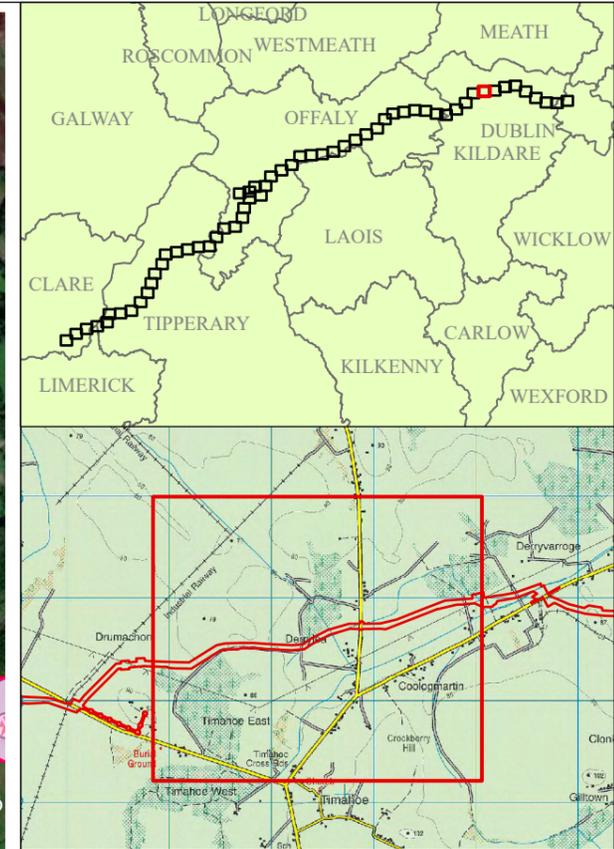
Drawing Title
Figure 4.51 Project Component Overview Sheet 50 of 59

Drawing Status
Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/06090	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Air Valve	Watercourse Crossing WCX	Flow Control Valve
Line Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Washout Valve (WA)	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WB)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Electricity Medium and Low Voltage Crossing	Haul Roads	Passing Lanes
Electricity High Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	County Boundaries
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	Tunnel Trenchless Crossing
Raw Water Intake and Pumping Station	Raw Water Intake and Pumping Station	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out wildlife fences.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Client
Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project
Water Supply Project Eastern and Midlands Region

Drawing Title
Figure 4.52 Project Component Overview Sheet 51 of 59

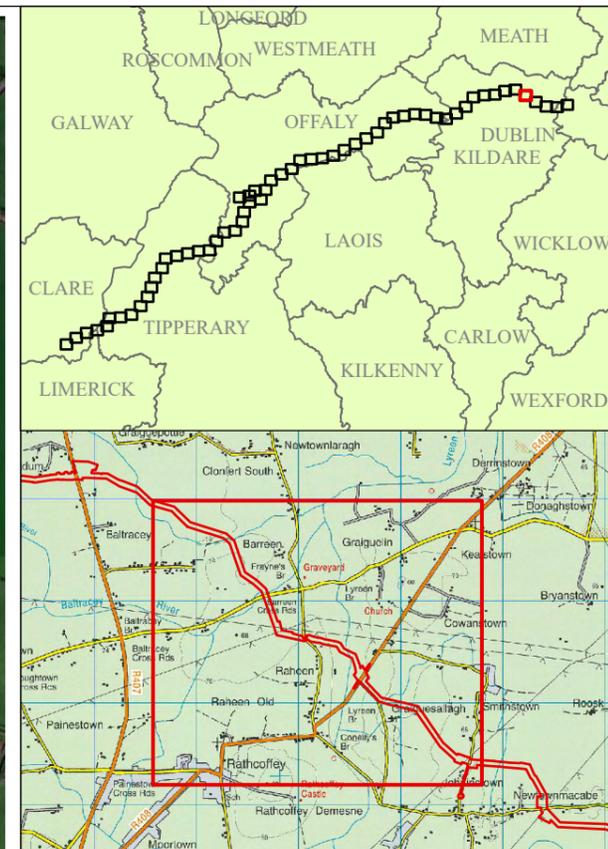
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Client No.	9318	
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Legend

Red line	Planning Application Boundary	Green circle	Gas Crossing	Blue rectangle	Water Treatment Plant
Red dashed line	Potential Future Connection	Black circle	Railway Crossing	Purple rectangle	Break Pressure Tank
Blue square	Attenuation Location	Black circle with cross	Road Crossing	Green rectangle	Booster Pumping Station
Black square	Lay-By Location	Black circle with dot	Access Egress Locations	Orange rectangle	Termination Point Reservoir
Black circle	Manways	Blue circle	Watercourse Crossing WCX	Orange rectangle	Flow Control Valve
Black diamond	Air Valve	Blue circle with cross	Watercourse Crossing WBX	Green rectangle	Tunnel Trenchless Crossing
Red circle with slash	Line Valve	Blue circle with cross	Potential Waterbody Crossing WBP	Green rectangle	Tunnel Trenchless Crossing with No Above Ground Disturbance
Blue circle	Washout Valve (WA)	Blue circle with cross	Watercourse Washout Location WCW	Red rectangle	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Blue circle	Washout Valve (WB)	Blue circle with cross	Haul Roads	Yellow rectangle	Passing Lanes
Yellow circle	Electricity Medium and Low Voltage Crossing	Blue circle with cross	Clustered Bog Drains	Red rectangle	Construction Compound (CC)
Red circle with lightning bolt	Electricity High Voltage Crossing Station	Blue circle with cross	Raw Water Intake and Pumping	Purple rectangle	Pipe Storage Depot (PSD)
Blue circle with lightning bolt	Station	Blue circle with cross	Raw Water Intake and Pumping	Purple rectangle	County Boundaries

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

TW-xxx - Treated Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fence.*

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: **Uisce Éireann Irish Water** and **Tionscald Soláthair Uisce Water Supply Project**

Project: **Water Supply Project Eastern and Midlands Region**

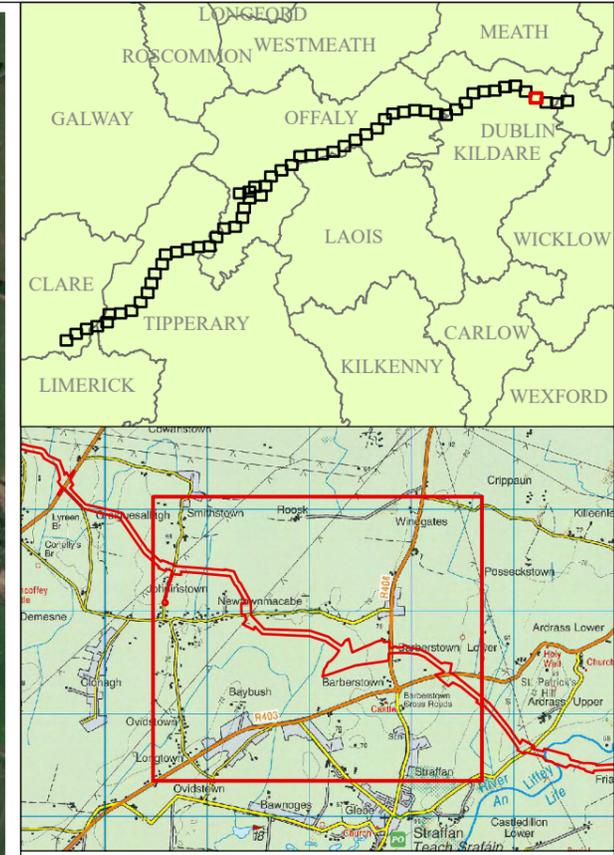
Drawing Title: **Figure 4.56 Project Component Overview Sheet 55 of 59**

Drawing Status: **Final - Planning Application**

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Client No.	9318	
Drawing No.	32105801/700/06095	
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WXC	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Watercourse Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing	Raw Water Intake and Pumping Station	Pipe Storage Depot (PSD)
Station	County Boundaries	Tunnel Trenchless Crossing
RW-xxx - Raw Water Chaining	Pipeline Centreline	
TW-xxx - Treated Water Chaining		

*Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fences.

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client:

Project: Water Supply Project Eastern and Midlands Region

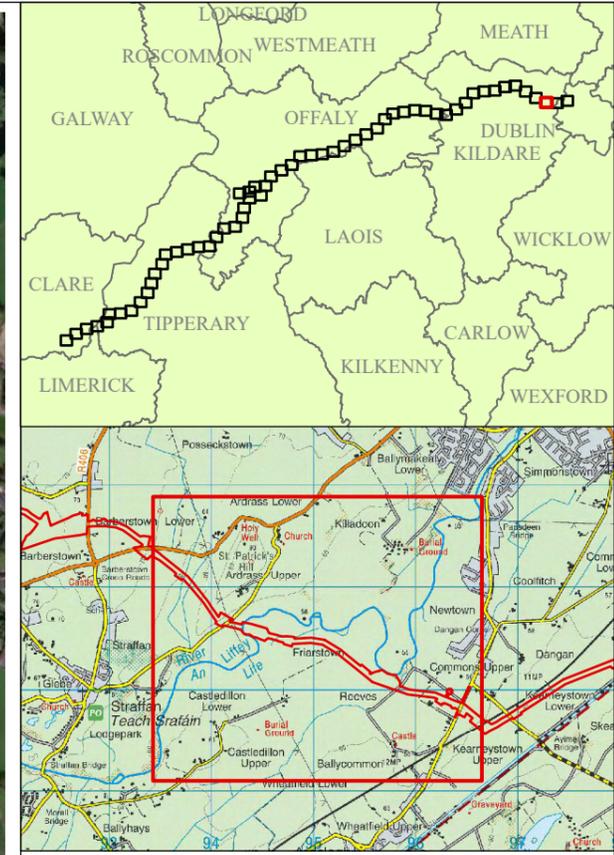
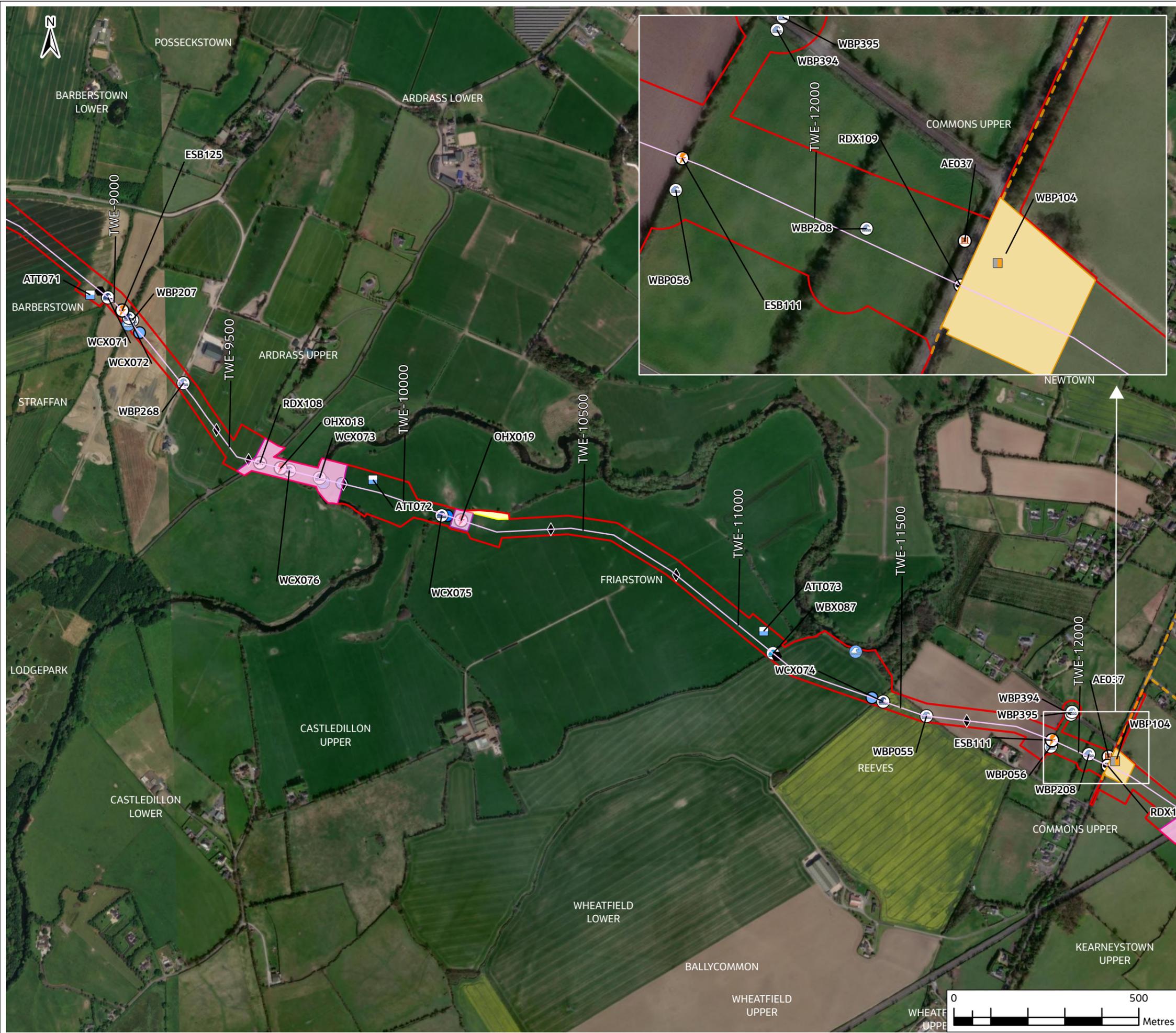
Drawing Title: Figure 4.57 Project Component Overview Sheet 56 of 59

Drawing Status: Final - Planning Application

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Client No.	9318	
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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
F02	08/12/25	Final - Planning Application	PW	PW	MG	SW

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.58 Project Component Overview Sheet 57 of 59

Drawing Status: Final - Planning Application

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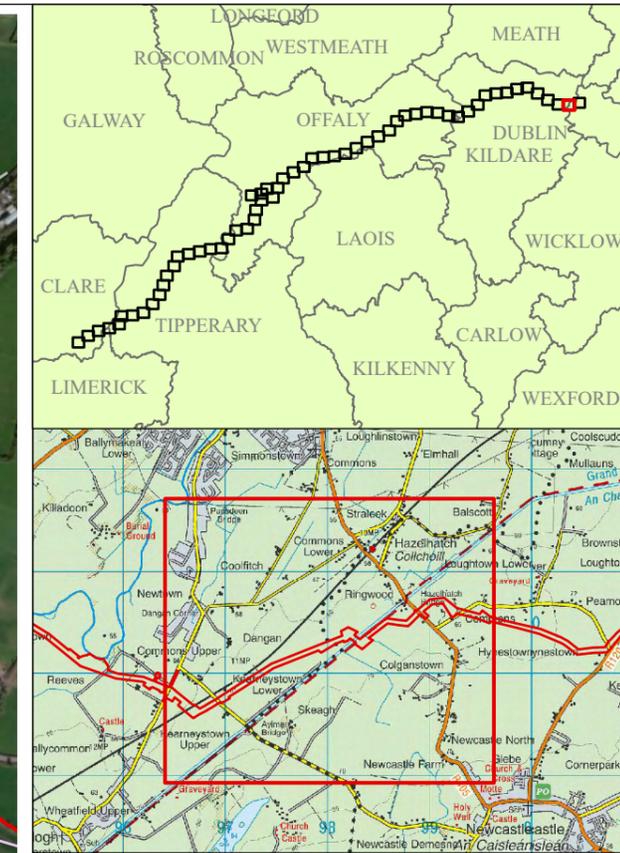
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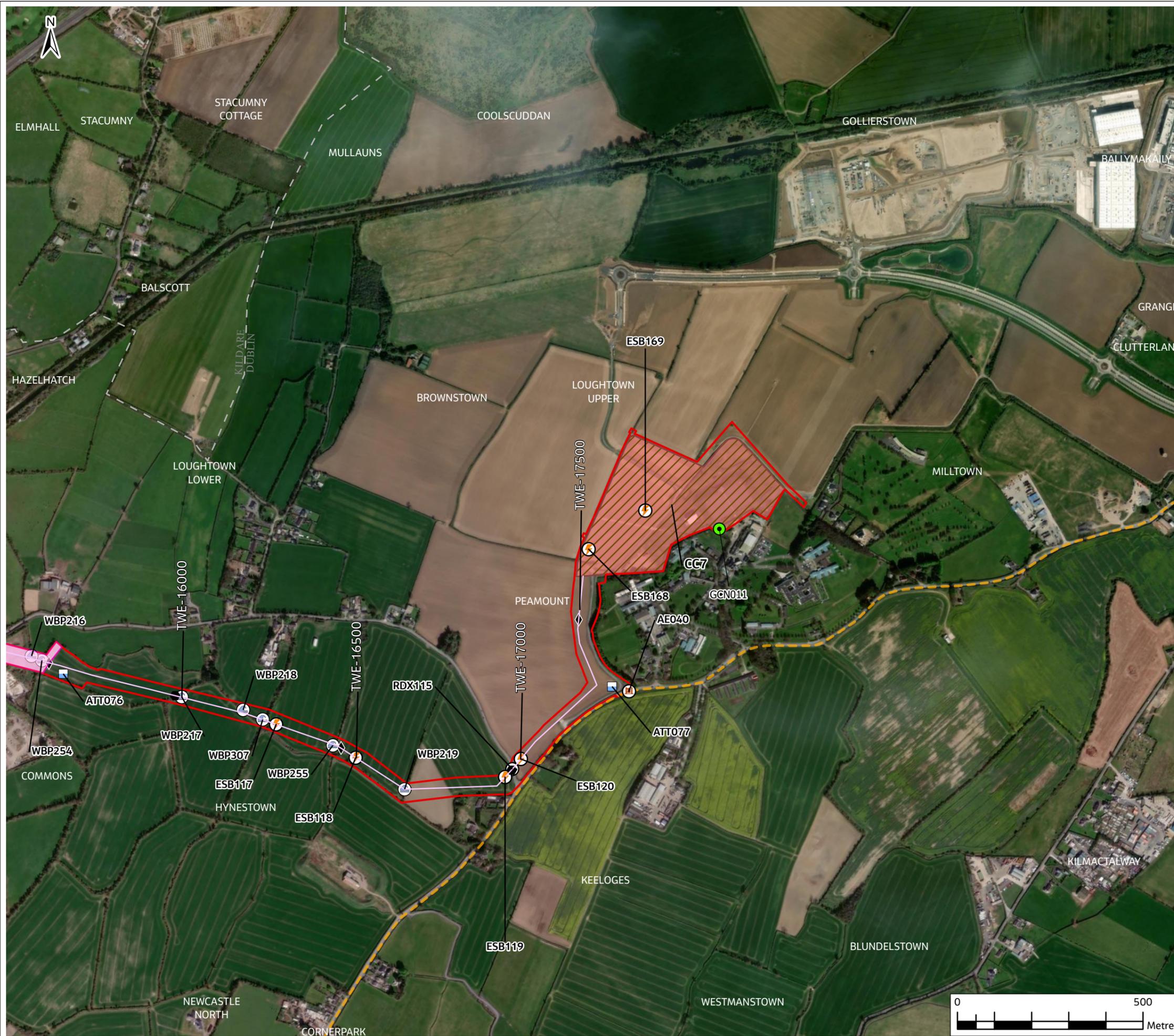
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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
F02	08/12/25	Final - Planning Application	PW	PW	PW	SW

Jacobs TOBIN
 Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project
 Project: Water Supply Project Eastern and Midlands Region
 Drawing Title: Figure 4.59 Project Component Overview Sheet 58 of 59
 Drawing Status: Final - Planning Application
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 Jacobs No.: 32105801
 Client No.: 9318
 Drawing No.: 32105801/700/06098
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Legend

Planning Application Boundary	Gas Crossing	Water Treatment Plant
Potential Future Connection	Railway Crossing	Break Pressure Tank
Attenuation Location	Road Crossing	Booster Pumping Station
Lay-By Location	Access Egress Locations	Termination Point Reservoir
Manways	Watercourse Crossing WCX	Flow Control Valve
Air Valve	Watercourse Crossing WBX	Tunnel Trenchless Crossing
Line Valve	Potential Waterbody Crossing WBP	Tunnel Trenchless Crossing with No Above Ground Disturbance
Washout Valve (WA)	Watercourse Washout Location WCV	Potential Tunnel/Trenchless Crossing for Overhead Power Lines
Washout Valve (WB)	Haul Roads	Passing Lanes
Electricity Medium and Low Voltage Crossing	Clustered Bog Drains	Construction Compound (CC)
Electricity High Voltage Crossing Station	Raw Water Intake and Pumping	Pipe Storage Depot (PSD)
Raw Water Intake and Pumping Station	County Boundaries	Tunnel Trenchless Crossing
Raw Water Intake and Pumping Station	Pipeline Centreline	Pipeline Centreline

RW-xxx - Raw Water Chainage
**Definition of No Above Ground Disturbance: Land where it is not proposed to do any open cut excavation due to a natural or artificial obstruction. However, may be subject to light trafficking, e.g. to set out waste fences.*

TW-xxx - Treated Water Chainage

F02	08/12/25	Final - Planning Application	PW	PW	MG	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client: Uisce Éireann Irish Water, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 4.60 Project Component Overview Sheet 59 of 59

Drawing Status: Final - Planning Application

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