

Legend

Invasive Species

- △ Buddleia
- ▲ Butterfly bush
- ▲ Canadian waterweed
- ▲ Cherry laurel
- ▲ Common milkweed
- ▲ Cotoneaster
- ▲ Giant hogweed
- ▲ Gunnera
- ▲ Himalayan balsam
- ▲ Himalayan knotweed
- ▲ Japanese knotweed
- ▲ Montbretia
- ▲ Rhododendron
- ▲ Snowberry

Annex I Habitats

- Active raised bog (7110)
- Alkaline fen (7230)
- Alkaline fens (7230), Petrifying springs with Tufa formation (7220)
- Calcareous fens with Cladium mariscus and species of the Caricion davallianae (7210), Alkaline fens (7230)
- Mollinia meadows (6410)
- Transition mire (7140)
- Turlough (3180)

Rare protected flora

- ▲ Basil thyme
- Yellow Archangel (recorded within habitat)

Habitats

- BC4 - Flower beds and borders
- BL1 - Stone walls and other stonework
- BL2 - Earth banks
- BL3 - Buildings and artificial surfaces
- ED1 - Exposed sand, gravel or till
- ED3 - Recolonising bare ground
- FW1 - Eroding/upland rivers
- FW2 - Depositing/lowland rivers
- FW3 - Canals
- FW4 - Drainage ditches
- GS2 - Dry meadows and grassy verges
- HD1 - Dense bracken
- WL1 - Hedgerows
- WL2 - Treelines
- WS1 - Scrub
- WS3 - Ornamental/non-native shrub
- BC1 - Arable crops
- BC1/GS2 - Arable crops and Dry meadows and grassy verges mosaic
- BC3 - Tilled land; BC3 - Tilled land
- BC4 - Flower beds and borders
- BL1 - Stone walls and other stonework
- BL1/WS1 - Stone walls and other stonework and Scrub mosaic
- BL2 - Earth banks
- BL3 - Buildings and artificial surfaces
- BL3/ED2 - Buildings and Spoil and bare ground mosaic
- BL3/ED3 - Buildings and artificial surfaces and Recolonising bare ground mosaic; BL3 - Buildings and artificial surfaces, ED3 - Recolonising bare ground
- BL3/ED5 - Buildings and Refuse and other waste mosaic
- BL3/GA1 - Buildings and Improved grassland mosaic
- BL3/GA2 - Buildings and Amenity grassland mosaic
- BL3/GS2 - Buildings and Dry grassy verges mosaic
- BL3/WS1 - Buildings and artificial surfaces and Scrub mosaic
- BL3/WS3 - Buildings and Ornamental/ non-native shrub mosaic
- ED1 - Exposed sand, gravel or till
- ED2 - Spoil and bare ground
- ED2/ED3 - Spoil and bare ground, and Recolonising bare ground
- ED3 - Recolonising bare ground
- ED3/BL2 - Recolonising bare ground and Earth banks mosaic
- ED3/BL3 - Recolonising bare ground and Buildings and artificial surfaces mosaic

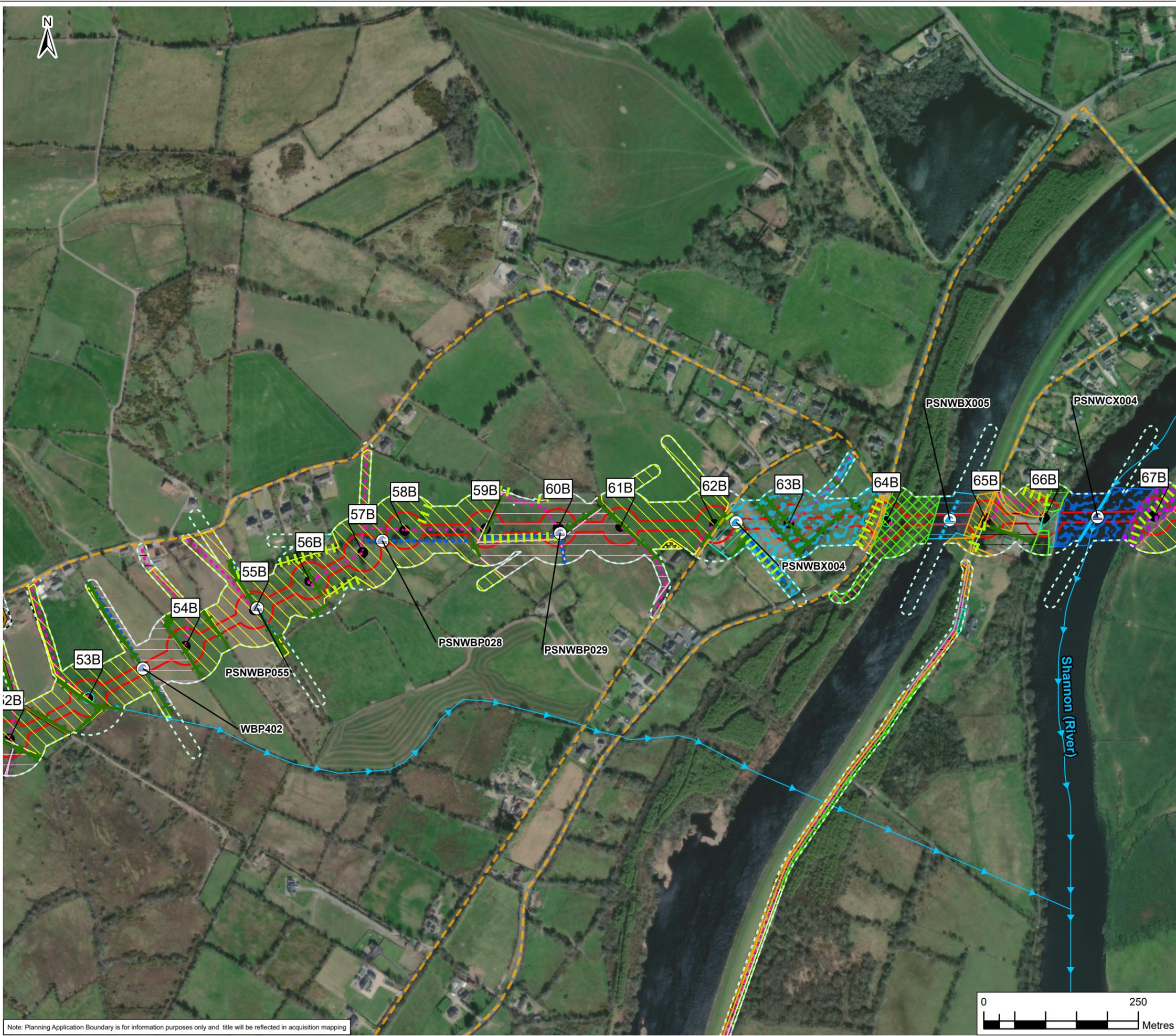
- ED3/ED2 - Recolonising bare ground and Spoil and bare ground mosaic
- ED3/GS2 - Recolonising bare ground and Dry meadows and grassy verges mosaic
- ED3/GS4 - Recolonising bare ground, Wet grassland mosaic
- ED3/WN6 - Recolonising bare ground and Wet willow-alder-ash woodland mosaic,
- ED4 - Active quarries and mines
- FL1 - Dystrophic lakes
- FL6 - Turloughs
- FL7 - Reservoirs
- FL7 - Reservoirs, BL3 - Buildings and artificial surfaces
- FL8 - Other artificial lakes and ponds
- FL8/PB4 - Other artificial lakes and ponds and Cutover bog mosaic
- FL8/FS1 - Other artificial lakes and ponds with reed and large sedge swamps mosaic
- FP1 - Calcareous Springs
- FS1 - Reed and large sedge swamps
- FW2 - Depositing/lowland rivers
- FW3 - Canals
- FW4 - Drainage ditches
- GA1 - Improved agricultural grassland
- GA1/BC1 - Improved agricultural grassland and Arable crops mosaic
- GA1/BL3 - Improved agricultural grassland and Buildings and artificial surfaces mosaic
- GA1/ED3 - Improved agricultural grassland and Recolonising bare ground mosaic
- GA1/GS2 - Improved agricultural grassland and Dry meadows and grassy verges mosaic
- GA1/GS4 - Improved agricultural grassland and Wet grassland mosaic
- GA1/WS1 - Improved agricultural grassland and Scrub mosaic
- GA1/BC1 - Improved grassland and arable crops mosaic
- GA1/GS4 - Improved and wet grassland mosaic
- GA2 - Amenity grassland (improved)
- GA2/BL3 - Amenity grassland (improved) and Buildings and artificial surfaces mosaic
- GA2/BL3 - Amenity grassland and Buildings mosaic
- GS1 - Dry calcareous and Neutral grassland
- GS1/GA1 - Dry calcareous and neutral grassland and Improved grassland mosaic
- GS2 - Dry meadows and grassy verges
- GS2/BL3 - Dry meadows and grassy verges and Buildings and artificial surfaces mosaic
- GS2/ED3 - Dry meadows and grassy verges and Recolonising bare ground mosaic
- GS2/GA1 - Dry meadows and grassy verges and Improved agricultural grassland mosaic
- GS2/GA2 - Dry meadows and grassy verges and Amenity grassland (improved) mosaic
- GS2/GS4 - Dry meadows and grassy verges and Wet grassland mosaic
- GS2/HD1/HH1 - Dry meadows and grassy verges, Dense bracken and Dry siliceous heath mosaic
- GS2/WS1 - Dry meadows and grassy verges and Scrub mosaic
- GS2/ED3 - Dry meadows and grassy verges/Recolonising bare ground mosaic
- GS2/HD1 - Dry meadows, grassy verges and dense bracken mosaic
- GS2/HD1/WS1 - Dry meadows, grassy verges, dense bracken and scrub mosaic
- GS2/WS1 - Dry meadows, grassy verges and scrub mosaic
- GS3 - Dry-humid acid grassland
- GS3/GA1 - Dry-humid acid grassland and Improved agricultural grassland mosaic
- GS4 - Wet grassland
- GS4/BL3 - Wet grassland and Buildings and artificial surfaces mosaic
- GS4/ED2 - Wet grassland and Spoil and bare ground mosaic
- GS4/FS2 - Wet grassland and Tall-herb swamps mosaic
- GS4/GA1 - Wet grassland and Improved agricultural grassland mosaic
- GS4/GM1 - Wet grassland and - Marsh mosaic
- GS4/GS2 - Wet grassland and Dry meadows and grassy verges mosaic
- GS4/HH3 - Wet grassland and Wet heath mosaic
- GS4/PB4 - Wet grassland and Cutover bog mosaic
- GS4/WS1 - Wet grassland and scrub mosaic

- HD1/HH1 - Dense bracken and Dry siliceous heath
- HD1/WS1 - Dense bracken and Scrub mosaic
- HD1 - Dense bracken
- HD1/GS2 - Dense bracken and dry meadow mosaic
- HD1/HH1/WS1 - Dense bracken/Dry siliceous heath and Scrub mosaic
- HD1/WS1 - Dense bracken and scrub mosaic
- HH1 - Dry siliceous heath
- HH1/PB1 - Dry siliceous heath and Raised bog mosaic
- HH3 - Wet Heath
- HH3/PB4 - Wet Heath and Raised bog mosaic
- HH3/PB4 - Wet Heath and Cutover bog mosaic
- HH3/WN7 - Wet Heath and Bog woodland mosaic
- PB1 - Raised Bog
- PB1/PB4 - Raised Bog and Cutover bog mosaic
- PB3 - Lowland blanket bog
- PB4 - Cutover bog, FL8 - Other artificial lakes and ponds mosaic
- PB4 - Cutover bog
- PB4/HH3 - Cutover bog and Wet heath mosaic
- PB4/WN7 - Cutover bog and Bog woodland mosaic
- PB4/WS1 - Cutover bog and Scrub mosaic
- PB4 - Cutover bog, WS2 - Immature woodland
- PB4/WS1/HH1/GS2 - Cutover bog, scrub, dry meadows and dry siliceous heath mosaic
- PF2 - Poor fen and flush
- WD1 - (Mixed) broadleaved woodland
- WD1/BL2 - (Mixed) broadleaved woodland and Earth banks mosaic
- WD1/WD4 - (Mixed) broadleaved woodland and Conifer plantation mosaic
- WD1/WS1 - (Mixed) broadleaved woodland and Scrub mosaic
- WD2 - Mixed broadleaved/ conifer woodland
- WD2/WN7 - Mixed broadleaved/ conifer woodland and Bog woodland mosaic
- WD2/WS1 - Mixed broadleaved/ conifer woodland and scrub mosaic
- WD3 - (Mixed) conifer woodland
- WD4 - Conifer plantation
- WD4/GS2 - Conifer plantation and Dry meadows and grassy verges mosaic
- WD4/WD2 - Conifer plantation and Mixed broadleaved/ conifer woodland mosaic
- WD4/WD3 - Conifer plantation and (Mixed) conifer woodland mosaic
- WD5 - Scattered trees and parkland,
- WL2 - Treelines
- WL2/WS1 - Treelines and Scrub
- WN2 - Oak-ash-hazel-woodland
- WN5 - Riparian woodland
- WN6 - Wet willow-alder-ash woodland
- WN7 - Bog woodland
- WN7/GS2 - Bog woodland and eadows and grassy verges mosaic
- WN7/HD1 - Bog woodland and Dense bracken mosaic
- WN7 - Bog woodland, PB4 - Cutover bog mosaic
- WN7/WS2 - Bog woodland and Immature woodland mosaic
- WN7/WS1 - Bog woodland and scrub mosaic
- WN7/WS1/HD1 - Bog woodland, dense bracken and scrub mosaic
- WS1 - Scrub
- WS1/BL2 - Scrub and Earth banks mosaic
- WS1/ED3 - Scrub and Recolonising bare ground mosaic
- WS1/GS2 - Scrub and Dry meadows and grassy verges mosaic
- WS1/GS4 - Scrub and Wet grassland mosaic
- WS1/HD1 - Scrub and Dense bracken mosaic
- WS1/PB4 - Scrub and Cutover bog mosaic
- WS1/WD1 - Scrub and (Mixed) broadleaved woodland mosaic
- WS1/WL2 - Scrub and Treelines
- WS1/WN7 - Scrub and Bog woodland mosaic
- WS1/WS2 - Scrub and Immature woodland mosaic
- WS2 - Immature woodland
- WS2/WS1 - Immature woodland and Scrub mosaic
- WS3 - Ornamental/ non-native shrub
- WS4 - Short rotation coppice
- WS4/WD1 - Short rotation coppice and (Mixed) broadleaved woodland
- WS5 - Recently felled woodland









Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Proposed Polesets/Towers to be Replaced
- Existing Poleset
- Study Area
- Access Tracks
- Haul Roads
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs

TOBIN

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

Figure 8.7  
Habitat and Flora Map  
Sheet 4 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1333	
File Path	W:\GIS\Map\0200_DublinNewSupply\Project\0200_000_Maps\0200_021_0200_021_1.aprx	

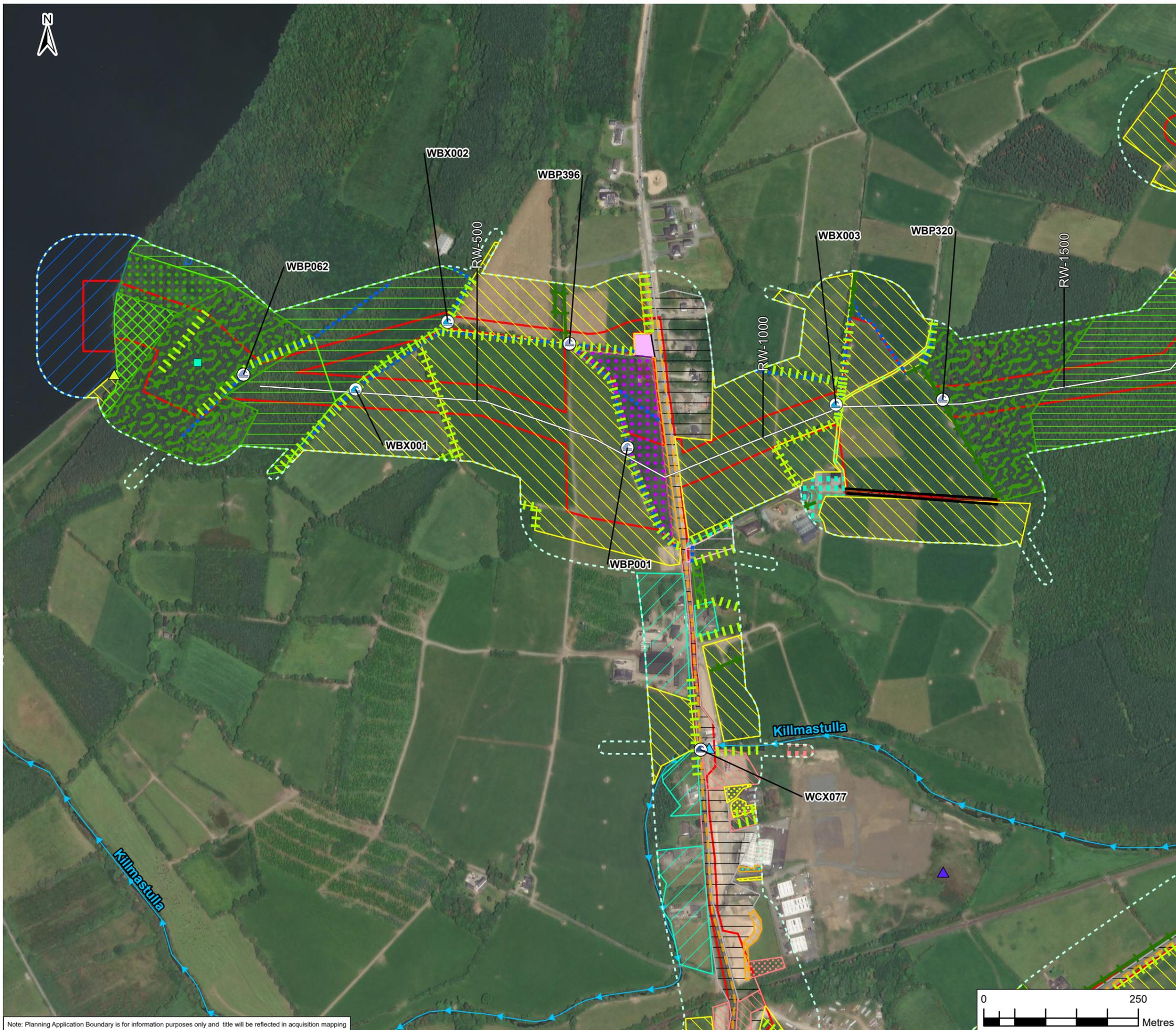
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

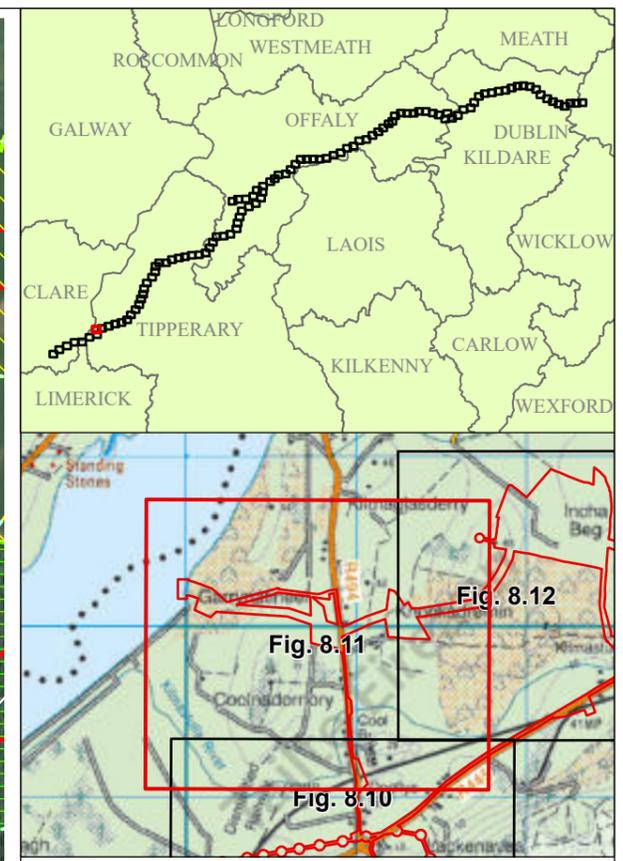








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Rivers/Streams
Study Area	Infrastructure Sites
Raw Water Chainage	Raw Water Intake and Pumping Station
Haul Roads	Invasive Species
Watercourse Crossing (WCX - EPA mapped)	Coloneaster
Watercourse Crossing (WBX - streams)	Gunnera
Watercourse Crossing (WBP - drains)	Himalayan balsam
	Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs TOBIN**

Client  
 Uisce Éireann Irish Water  
 Tionscatal Soláthair Uisce Water Supply Project

Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.11  
 Habitat and Flora Map  
 Sheet 8 of 105

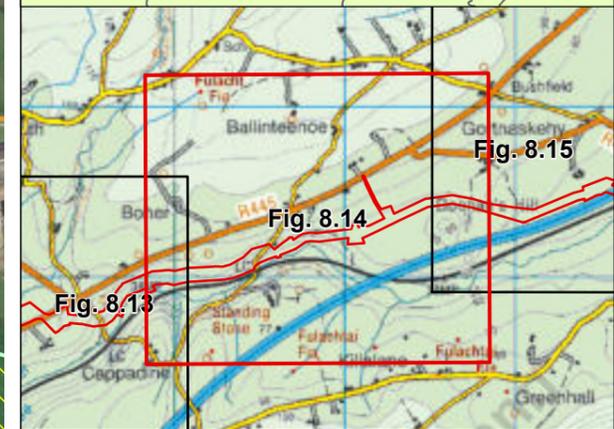
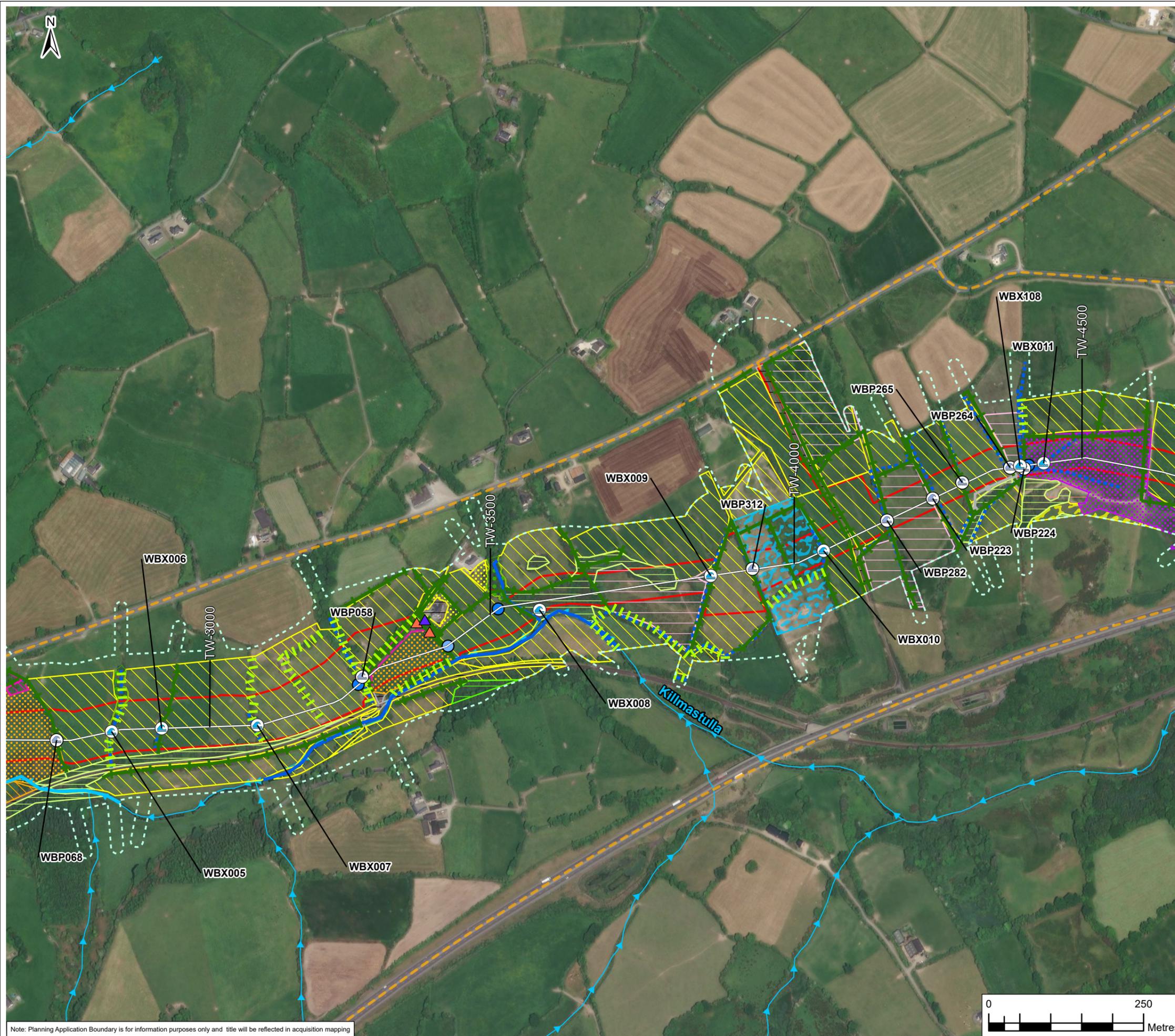
Drawing Status	Final - Planning Application		
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1337		
File Path	W:\GIS\MapDocs\32105801_Design\RawSupply\Project\Fig8_105_Map805_DPS_0805_01337.dwg		

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







- Legend**
- Planning Application Boundary
  - Indivative Pipeline
  - Study Area
  - Haul Roads
  - Washout Valve (WA)
  - Washout Valve (WB)
  - ⊗ Watercourse Crossing (WBX – streams)
  - ⊕ Watercourse Crossing (WBP – drains)
  - Rivers/Streams

**Invasive Species**

- ▲ Butterfly bush
- ▲ Japanese knotweed

**Survey data** see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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

**Drawing Title**

Figure 8.14  
Habitat and Flora Map  
Sheet 11 of 105

**Drawing Status**

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1340	
File Path	W:\GIS\Map\0000_Database\NewSupply\Project\Acquisition\0000_Map\0000_DFS\0000_DFS_11.aprx	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Tallie Éireann Surveying  
World Imagery: Microsoft, Vantor

Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



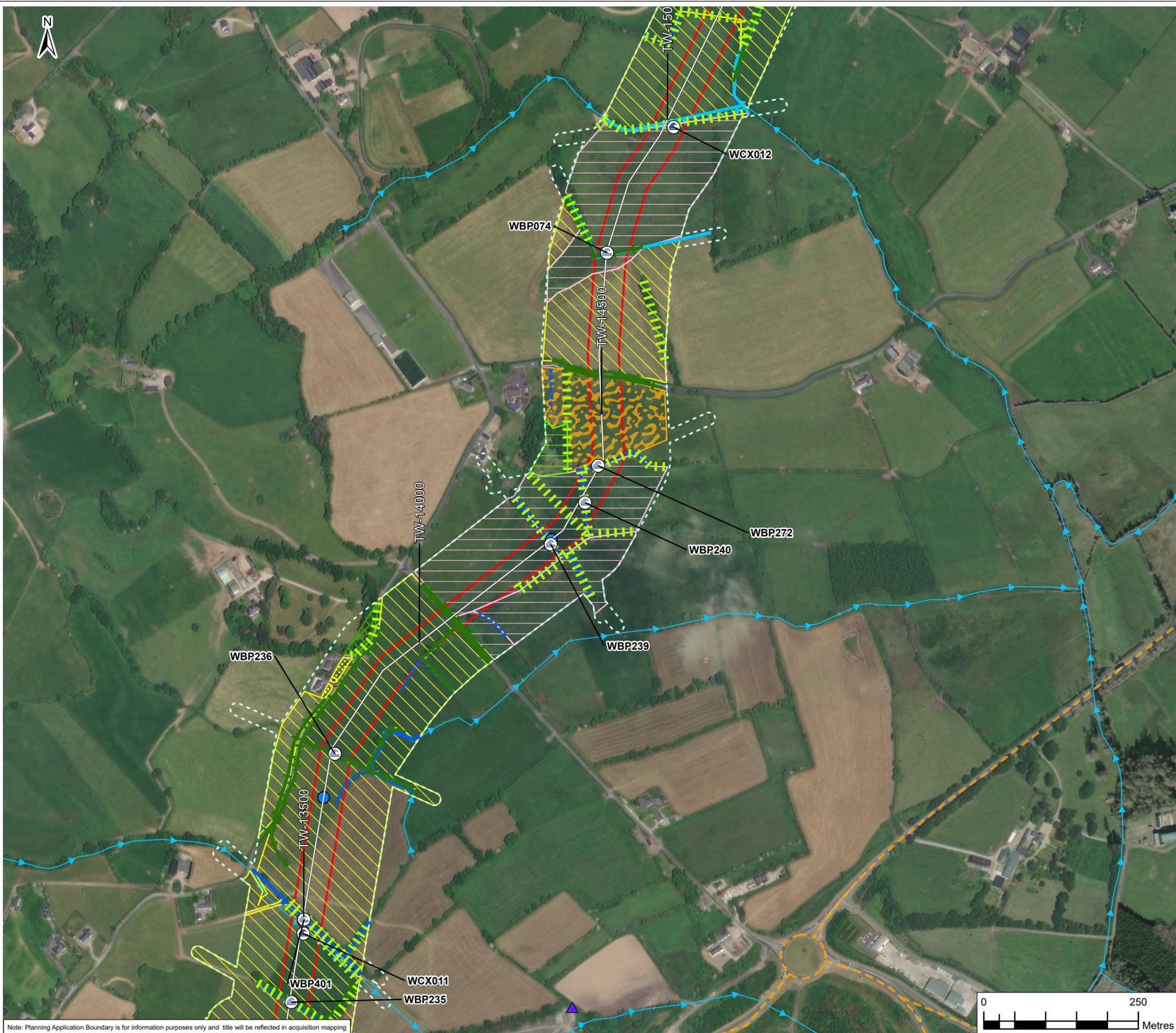




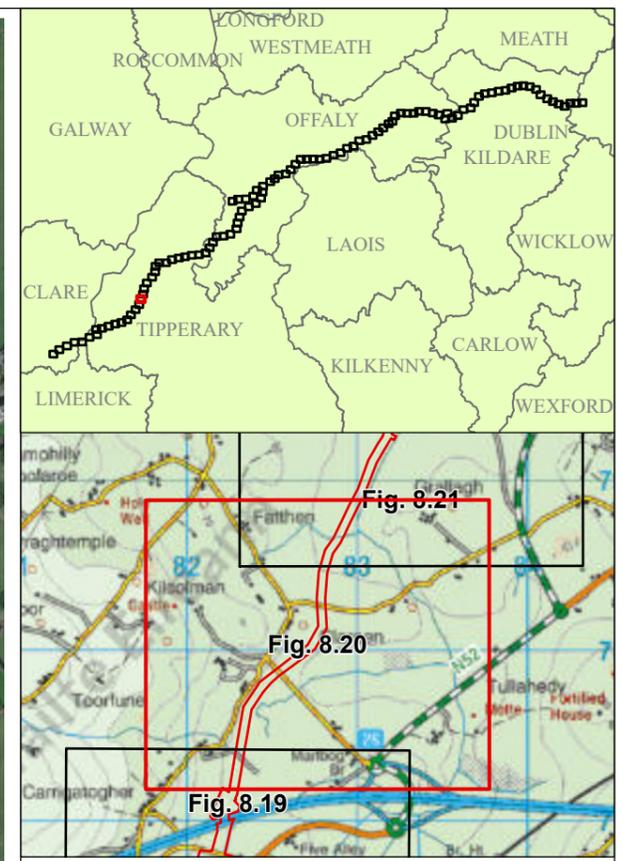








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WA)
- Washout Valve (WB)
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

Invasive Species

- ▲ Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.20  
Habitat and Flora Map  
Sheet 17 of 105

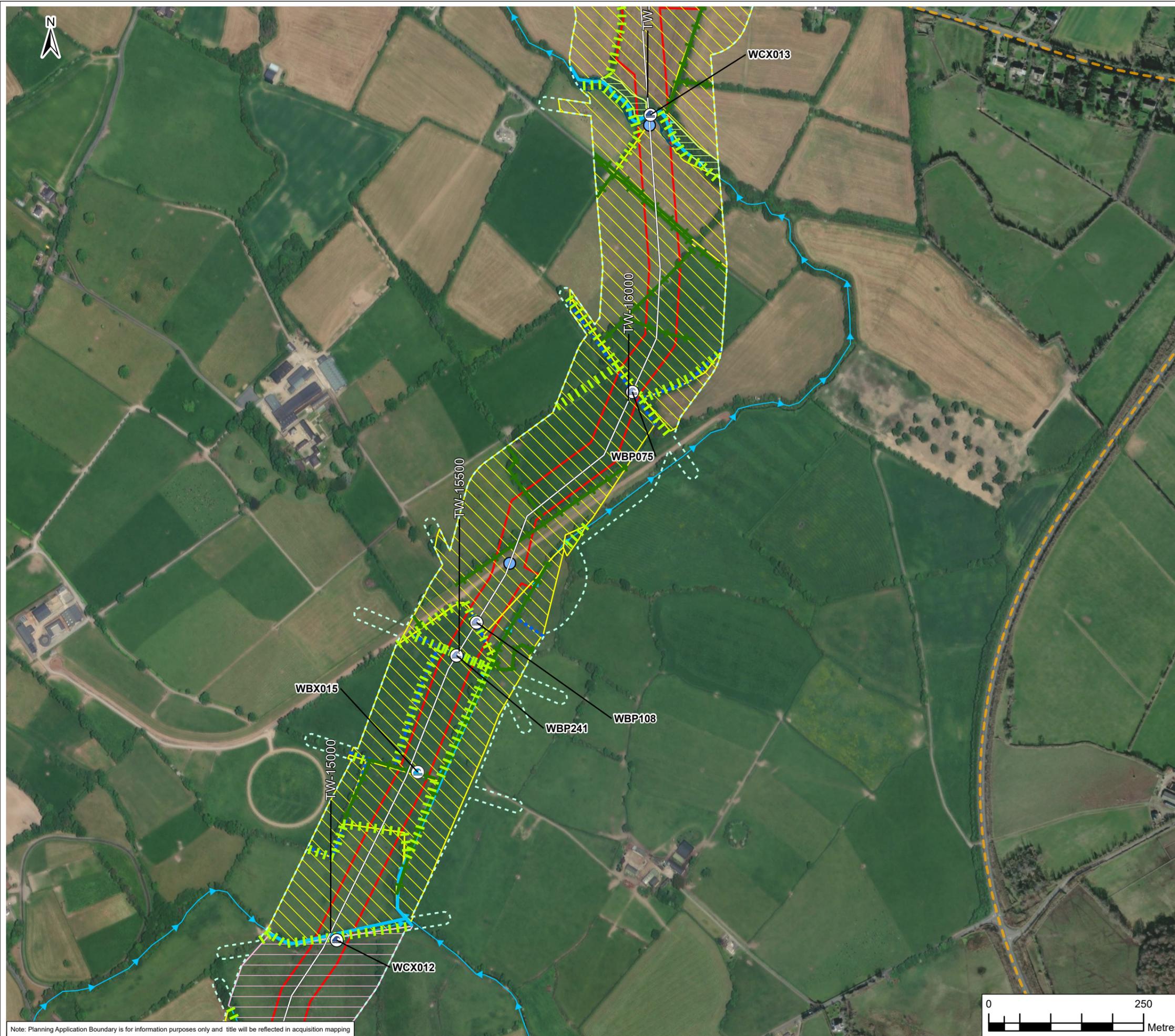
Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1346	
File Path	W:\030\Map\0300_Database\Supply\Project\0300_0000_Maps\0300_0313_0300_0313.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM. © Taitte Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping

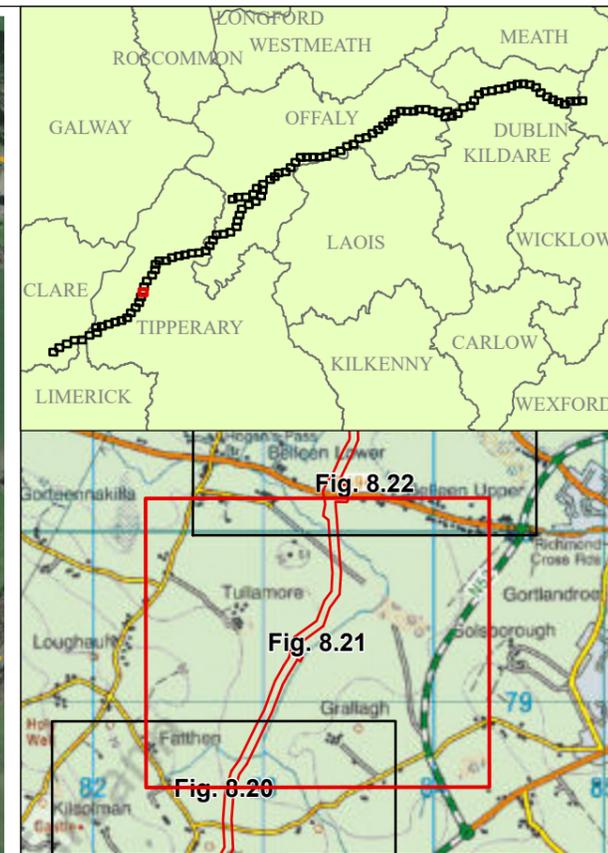


Fig. 8.20 Fig. 8.21 Fig. 8.22

**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WA)
- ⊕ Watercourse Crossing (WCX – EPA mapped)
- ⊕ Watercourse Crossing (WBX – streams)
- ⊕ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

<b>Jacobs</b>		<b>TOBIN</b>	
---------------	--	--------------	--

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

Figure 8.21  
Habitat and Flora Map  
Sheet 18 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	<b>DO NOT SCALE</b>
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1347	
File Path	W:\GIS\Map\0200_Database\Map\Project\Acquisition\0200_Map\0200_DFS\0200_DFS_1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

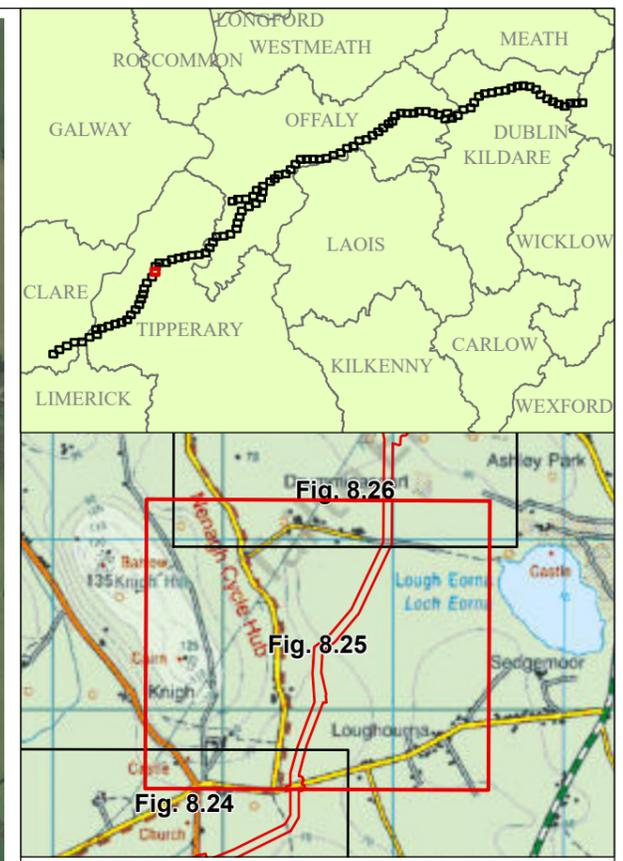








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Study Area
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WBP – drains)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.25  
Habitat and Flora Map  
Sheet 22 of 105

---

Drawing Status

Final - Planning Application

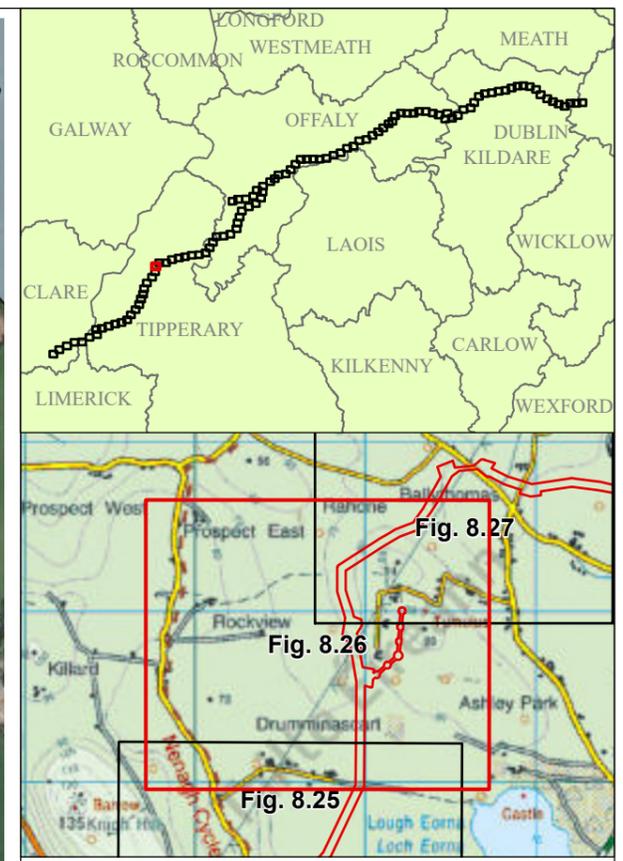
---

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1351	
File Path	W:\GIS\Map\0200_DublinNewSupply\Project\0200_0000_Maps\0200_0213_0000_0213.dwg	

---

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Tallie Éireann Surveying  
World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WB)

**Annex I Habitats**

- Turlough (3180)

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

Figure 8.26  
Habitat and Flora Map  
Sheet 23 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1352	
File Path	W:\GIS\Map\0200_DublinRawSupply\Project\0200_000_Maps\0200_DP3_0200_DP3.1.aprx	

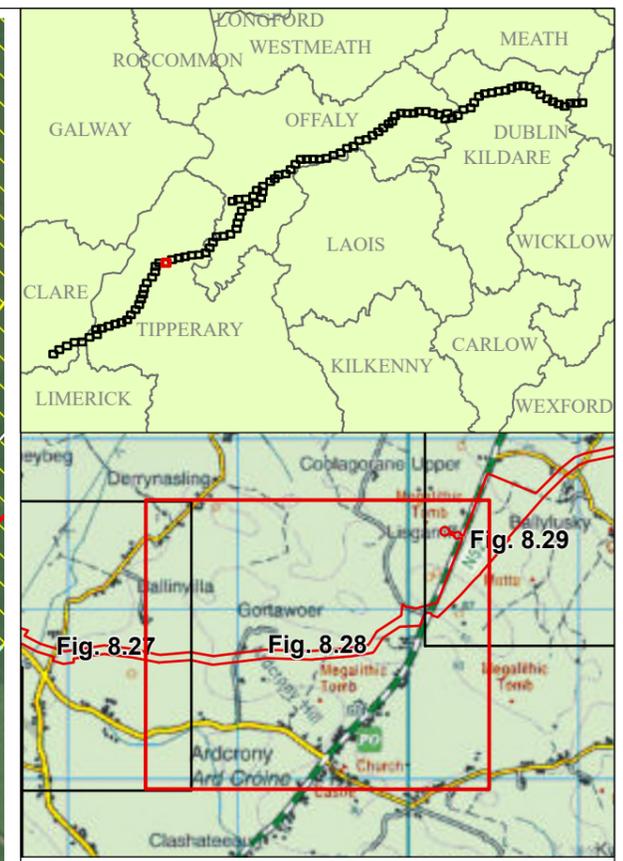
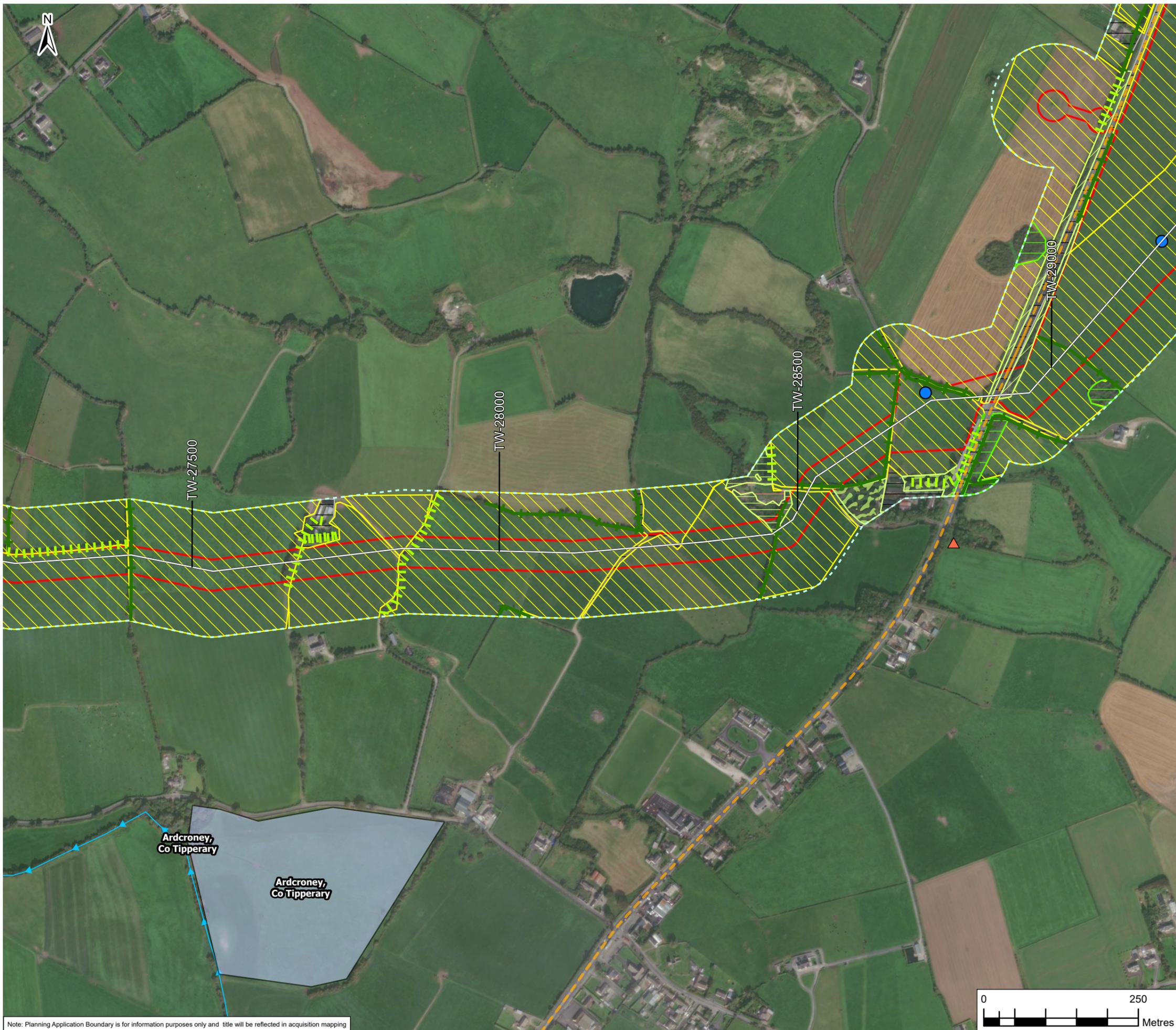
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Tailte Éireann Surveying  
World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping







- Legend**
- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Haul Roads
  - Washout Valve (WB)
  - ▶ Rivers/Streams
- Invasive Species**
- ▲ Butterfly bush
- Annex I Habitats**
- Turlough (3180)
- Survey data see legend on page 1
- RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.28  
Habitat and Flora Map  
Sheet 25 of 105

Drawing Status

Final - Planning Application

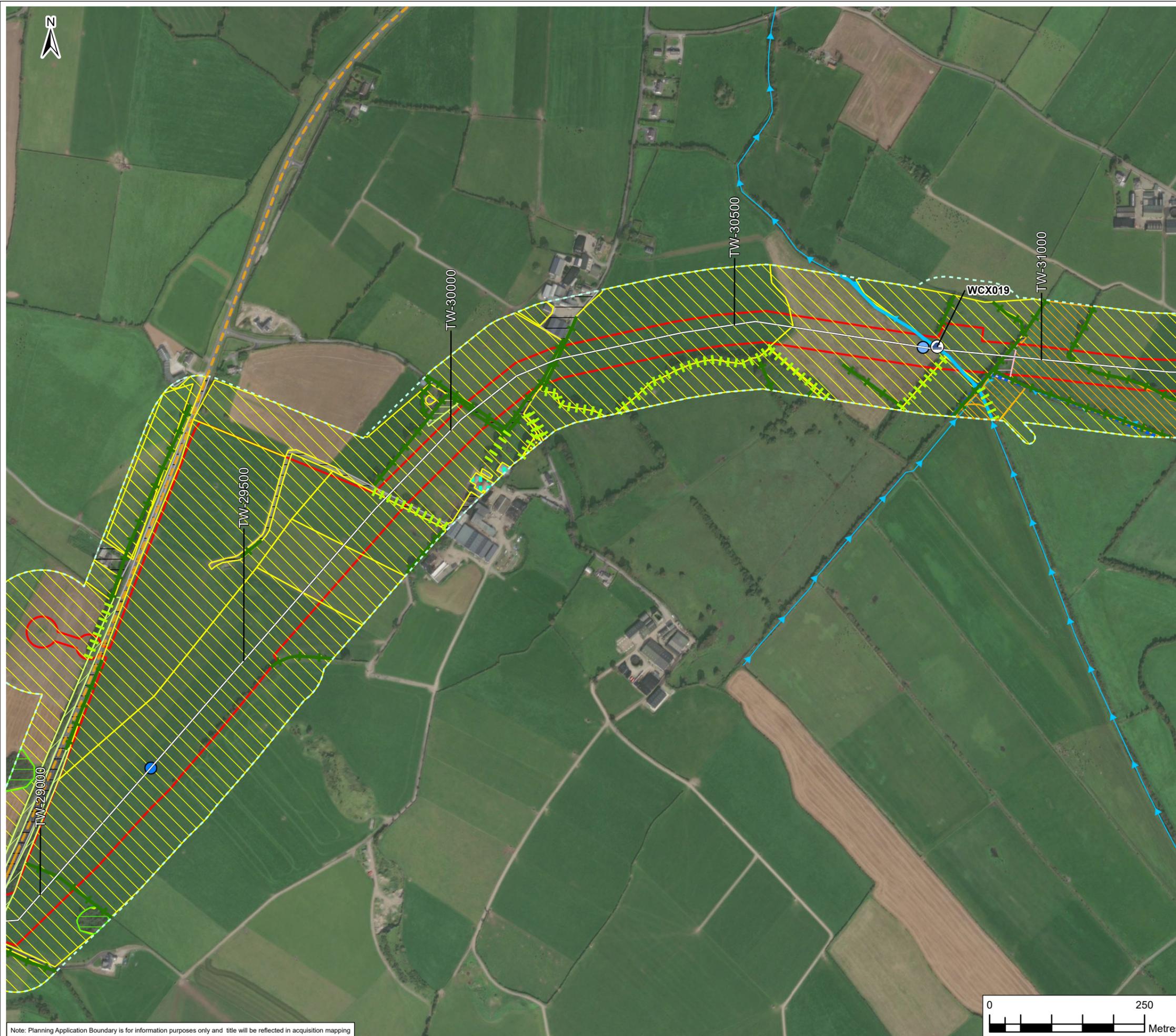
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1354	
File Path	W:\GIS\Map\0200_DublinWaterSupply\Project\0200_0000_Maps\0200_0213_0200_0213.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Talite Éireann Surveying  
World Imagery: Microsoft, Vantor

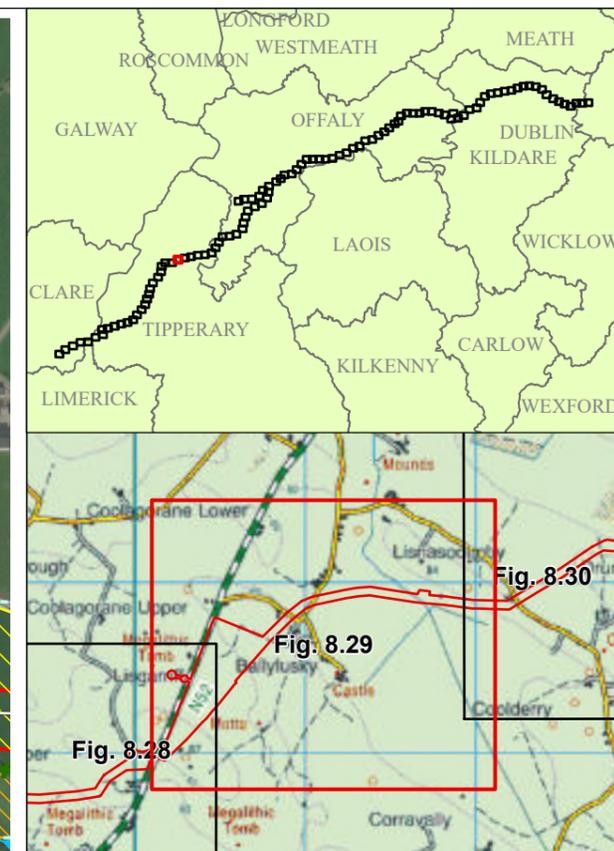
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WA)
- Washout Valve (WB)
- ⊙ Watercourse Crossing (WCX – EPA mapped)
- Rivers/Streams

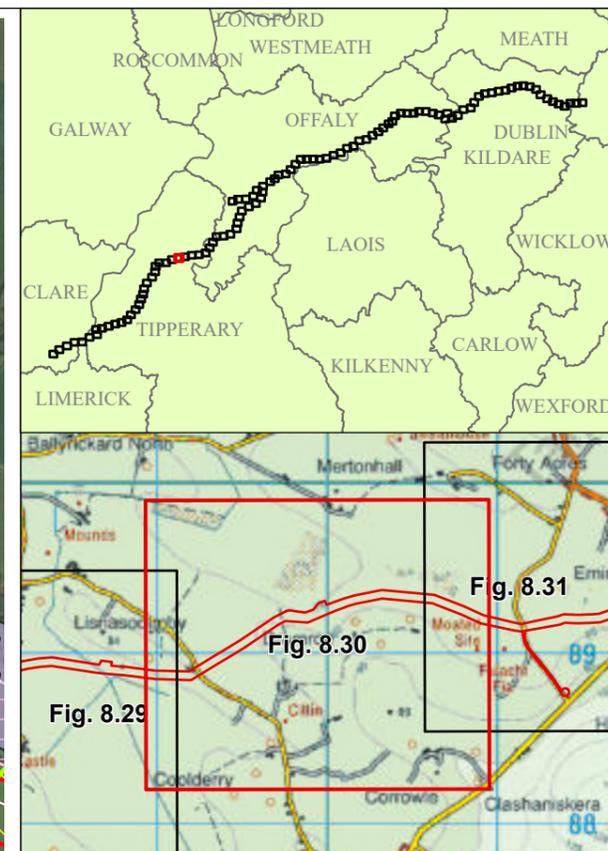
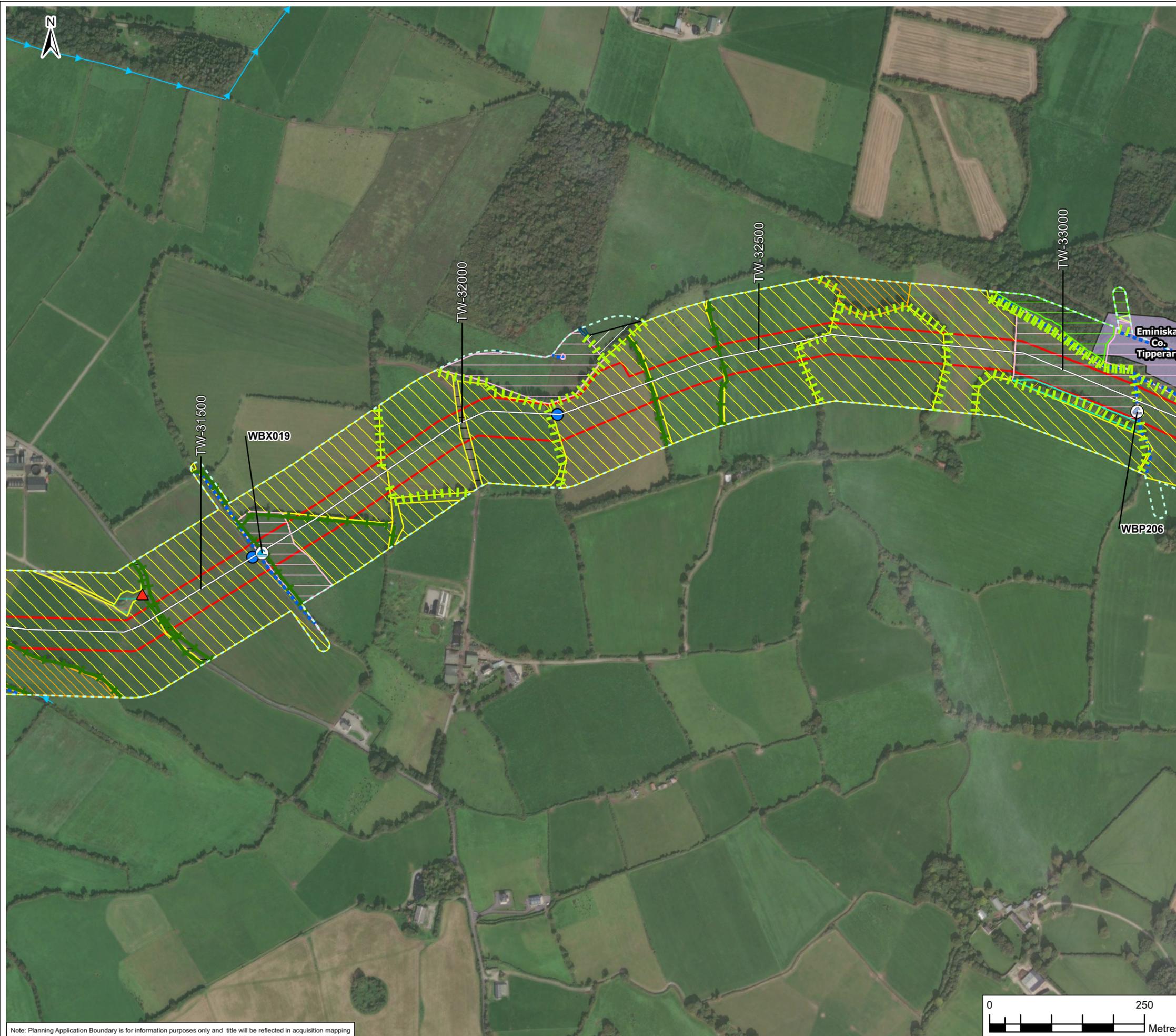
Survey data see legend on page 1  
*RW-xxx* - Raw Water Chainage  
*TW-xxx* - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

<b>Jacobs</b>		<b>TOBIN</b>	
Client			
Project			
Water Supply Project Eastern and Midlands Region			
Drawing Title			
Figure 8.29 Habitat and Flora Map Sheet 26 of 105			
Drawing Status			
Final - Planning Application			
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1355		
File Path	W:\GIS\Map\0200_DublinWaterSupply\Project\0200_0000_Maps\0200_0213_0200_0213.dwg		

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Washout Valve (WB)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

**Invasive Species**

- Snowberry

**Annex I Habitats**

- Mollinia meadows (6410)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.30  
Habitat and Flora Map  
Sheet 27 of 105

Drawing Status: Final - Planning Application

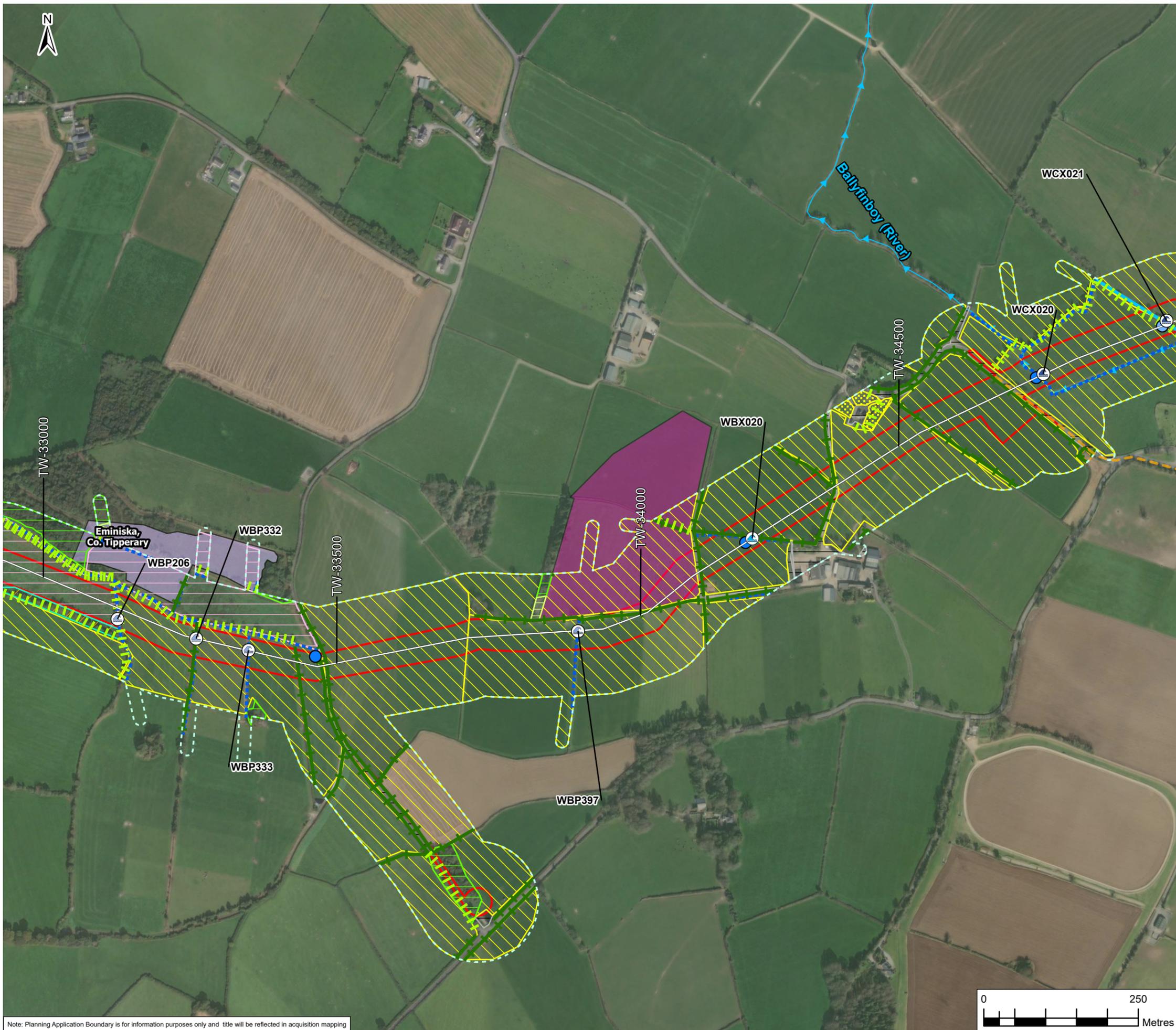
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1356	
File Path	W:\GIS\Map\0200_DublinRawSupply\Project\0200_0000_Maps\0200_0213_0200_0213.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Talte Éireann Surveying  
World Imagery: Microsoft, Vantor

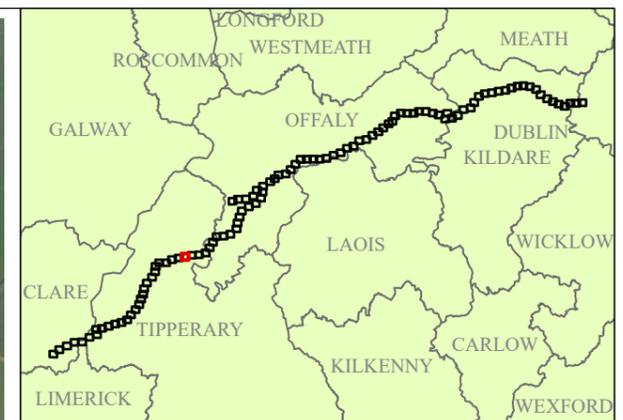
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WBX – streams)
Indicative Pipeline	Watercourse Crossing (WBP – drains)
Study Area	Rivers/Streams
Haul Roads	Annex I Habitats
Washout Valve (WA)	Mollinia meadows (6410)
Washout Valve (WB)	Rare Protected Flora
Watercourse Crossing (WCX – EPA mapped)	Yellow Archangel (recorded within habitat)

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project

Water Supply Project  
 Eastern and Midlands Region

Drawing Title

Figure 8.31  
 Habitat and Flora Map  
 Sheet 28 of 105

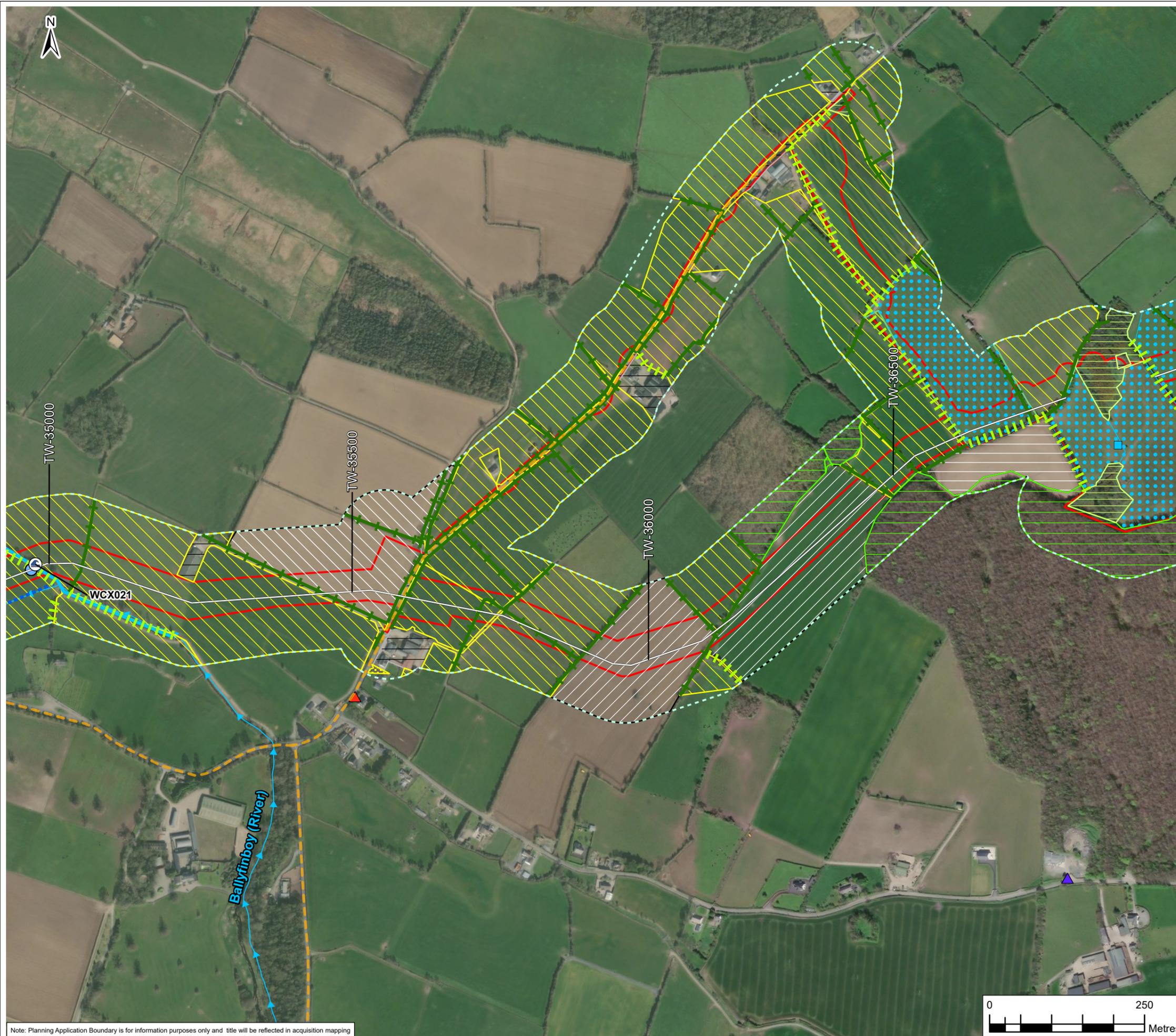
Drawing Status

Final - Planning Application

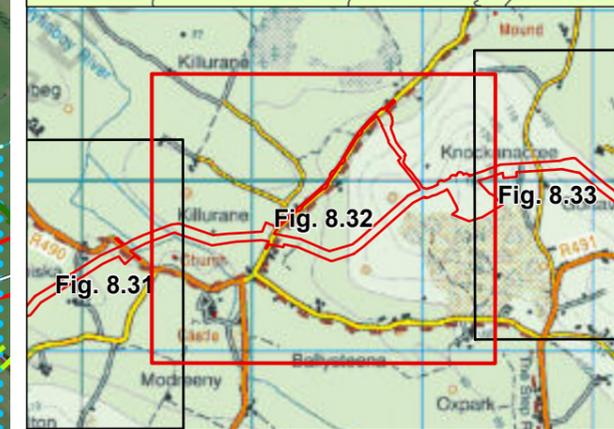
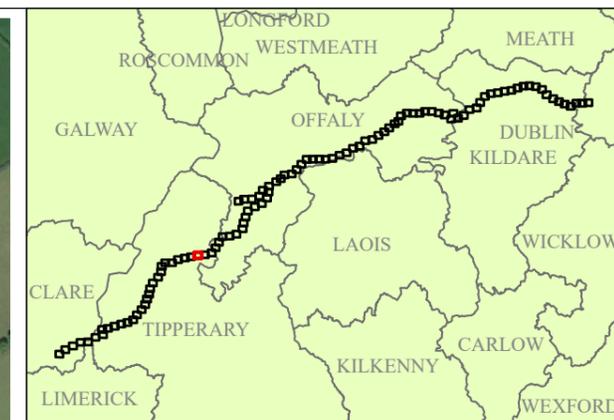
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1357	
File Path	W:\GIS\Projects\32105801_Database\Supply\Project\CD\32105801_000_Maps\005_DP3_0000_DP3.1.aprx	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tailte Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Rivers/Streams
Individue Pipeline	Infrastructure Sites
Study Area	Break Pressure Tank
Haul Roads	Invasive Species
Washout Valve (WA)	Japanese knotweed
Watercourse Crossing (WCX - EPA mapped)	Snowberry

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client  
 Uisce Éireann Irish Water  
 Tionscatal Soláthair Uisce Water Supply Project

Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.32  
 Habitat and Flora Map  
 Sheet 29 of 105

Drawing Status  
 Final - Planning Application

Scale @ A3  
 1:6,000 DO NOT SCALE

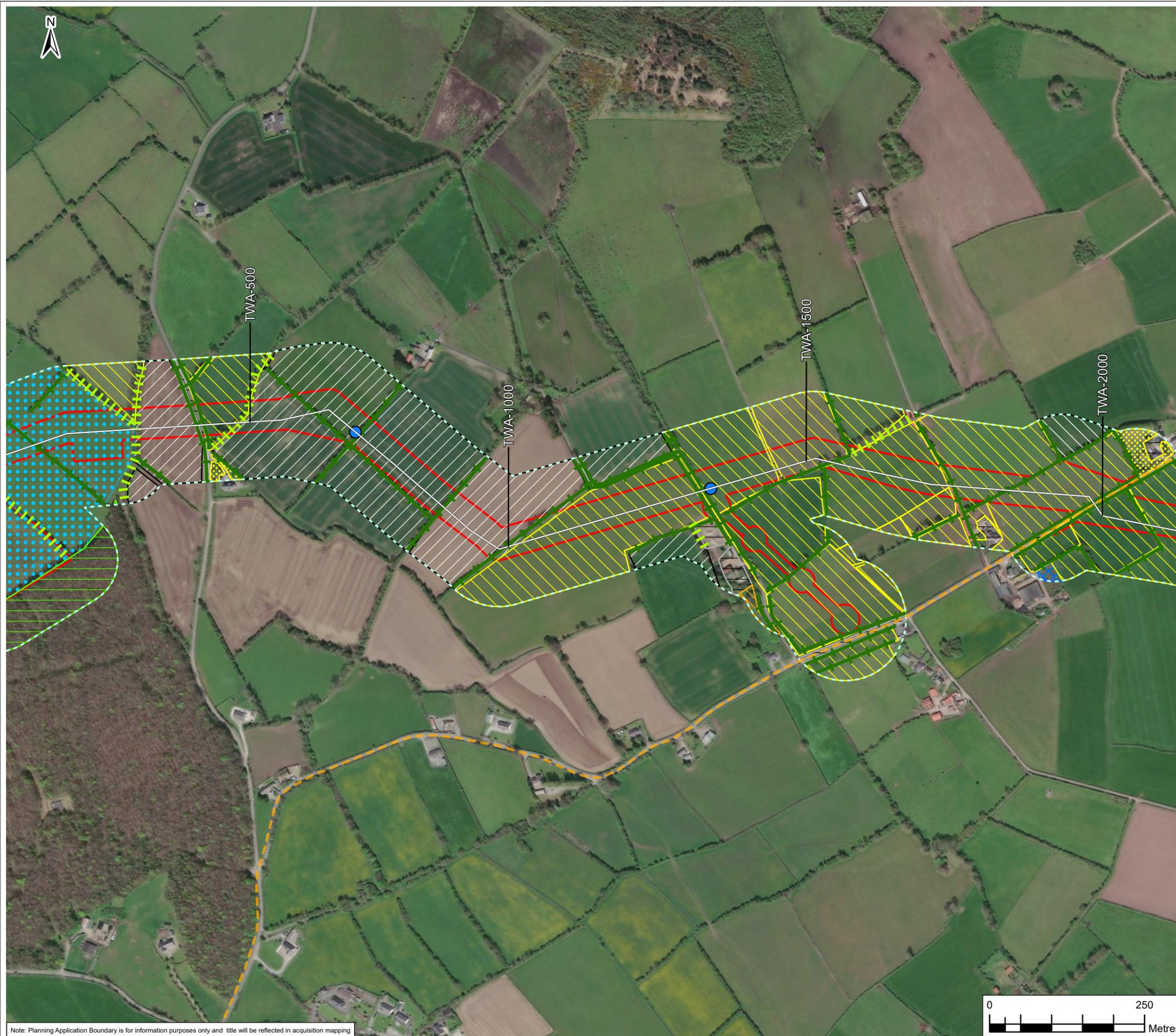
Jacobs No.  
 32105801

Client No.  
 9318

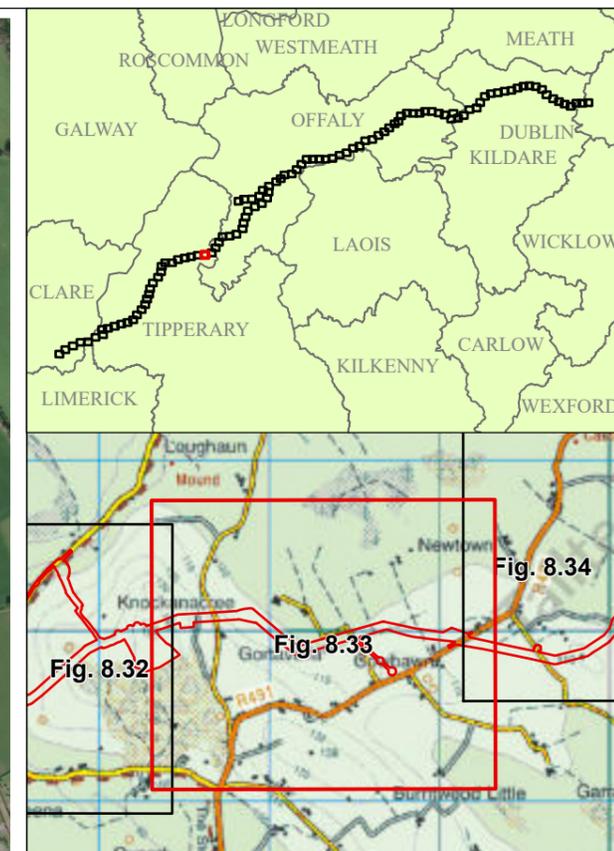
Drawing No.  
 32105801/700/1358

File Path  
 W:\GIS\Map\0200\_Data\WaterSupply\Project\0200\_000\_Maps\0200\_021\_0200\_021\_1.aprx

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs TOBIN**

Client

Project

Water Supply Project  
Eastern and Midlands Region

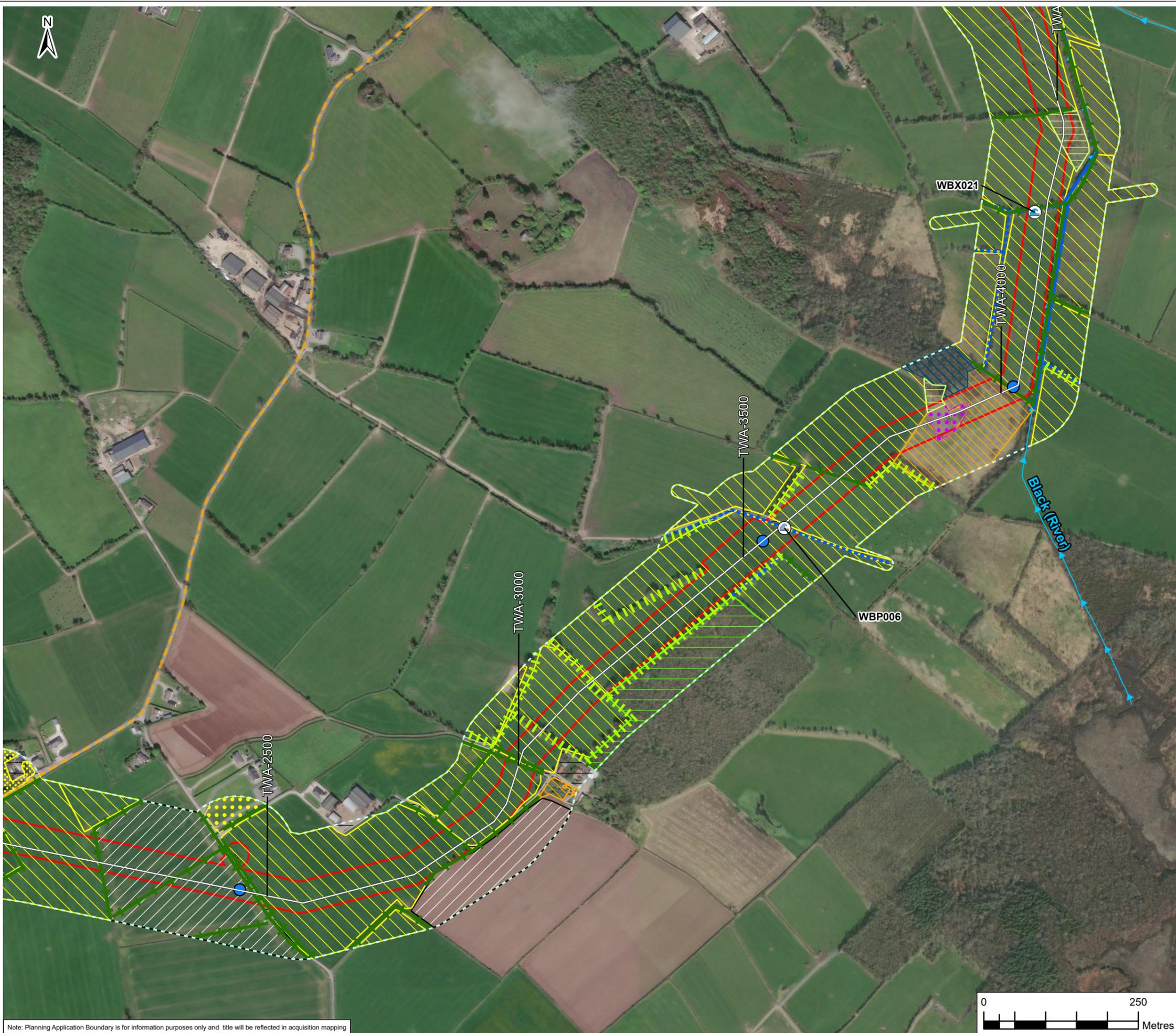
Drawing Title

Figure 8.33  
Habitat and Flora Map  
Sheet 30 of 105

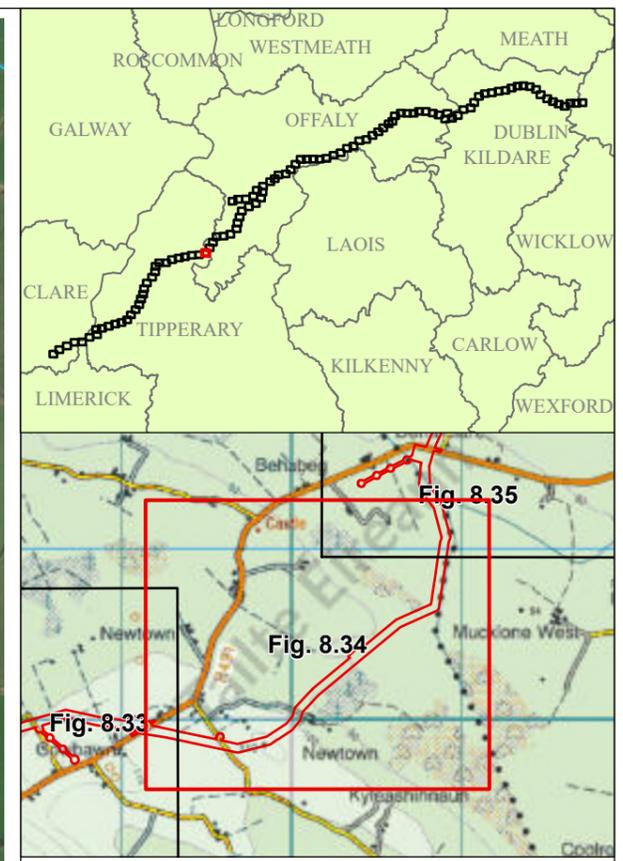
Drawing Status	Final - Planning Application		
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1359		
File Path	W:\GIS\Map\0300_Data\NewSupply\Project\0300_Map\0300_DP3_0300_DP3.dwg		

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Talite Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊙ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

# Jacobs

# TOBIN

---

Client

---

Project

Water Supply Project  
Eastern and Midlands Region

---

Drawing Title

Figure 8.34  
Habitat and Flora Map  
Sheet 31 of 105

---

Drawing Status

Final - Planning Application

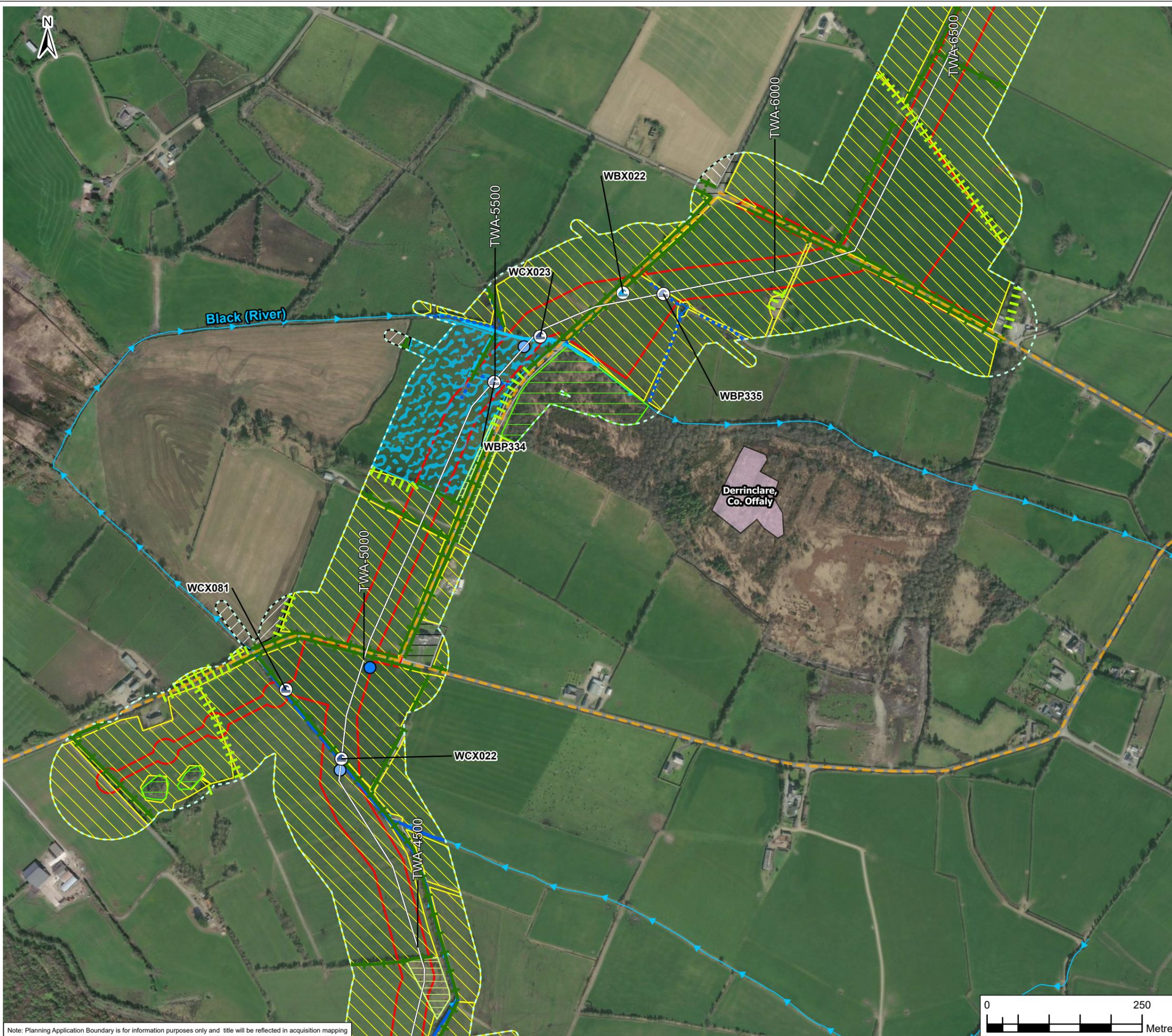
---

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1360	
File Path	W:\GIS\Map\0300_Data\NewSupply\Project\0300_0000_Map\0300_0310_0000_Draft_1.dwg	

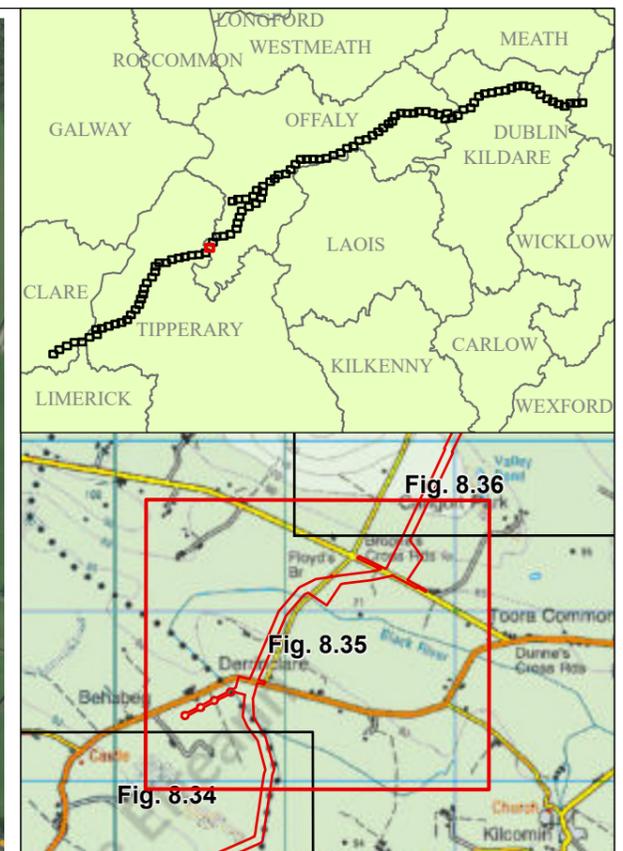
---

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



- Legend**
- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Haul Roads
  - Washout Valve (WA)
  - Washout Valve (WB)
  - Watercourse Crossing (WCX – EPA mapped)
  - Watercourse Crossing (WBX – streams)
  - Watercourse Crossing (WBP – drains)
  - Rivers/Streams
  - Annex I Habitats
  - Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae* (7210), Alkaline fens (7230)

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

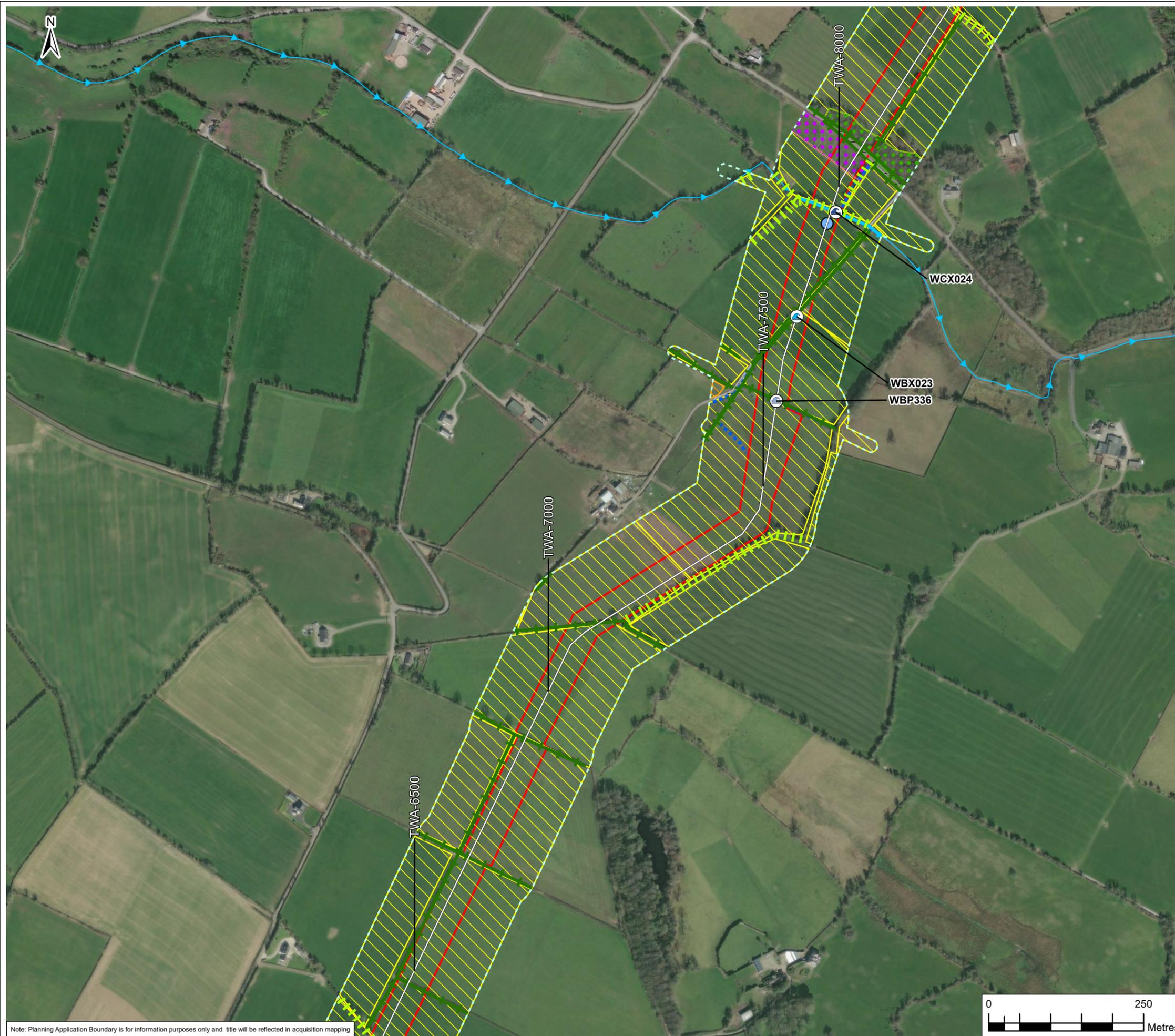
Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.35  
 Habitat and Flora Map  
 Sheet 32 of 105

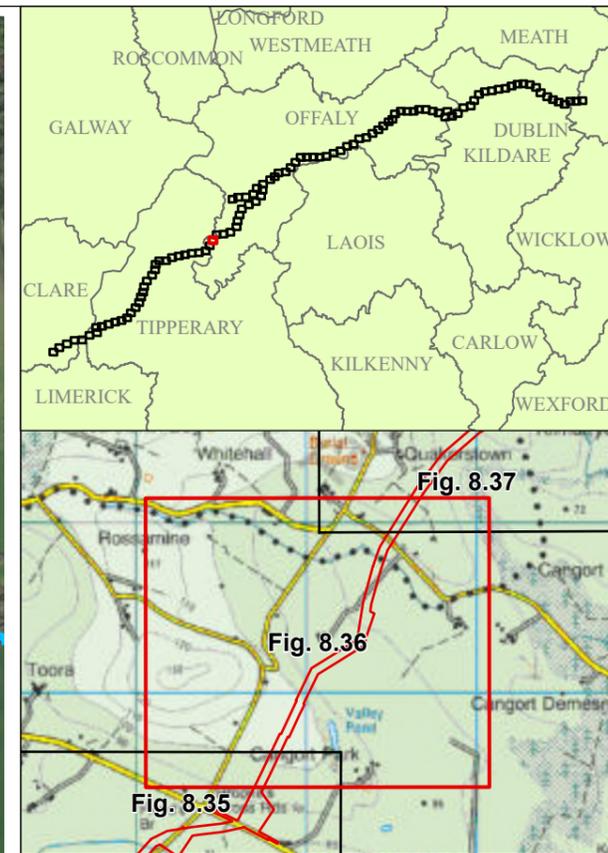
Drawing Status  
 Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1361	
File Path	W:\GIS\Projects\32105801_DublinNewSupply\Project\CD\32105801_Map\32105801_DPS1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Taithe Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WA)
- ⊙ Watercourse Crossing (WCX – EPA mapped)
- ⊙ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

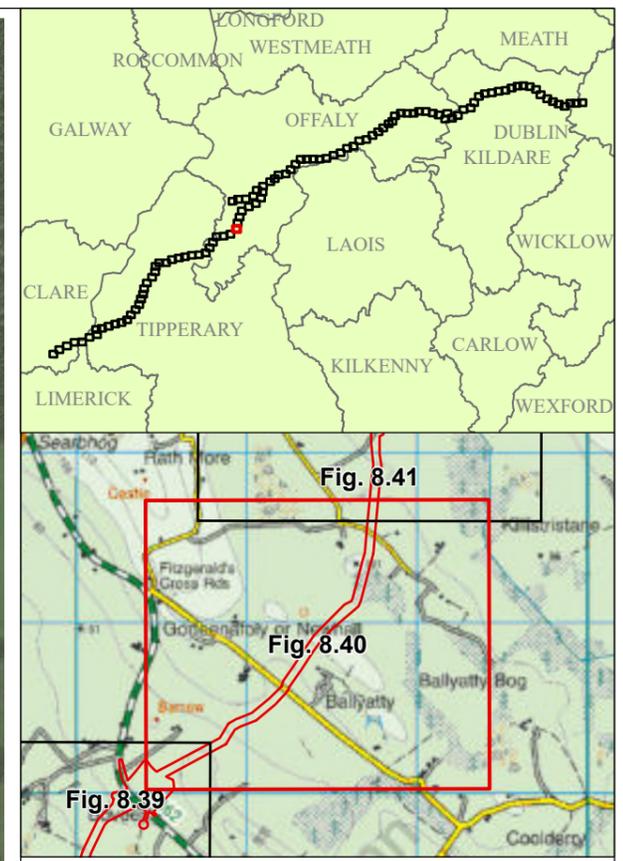
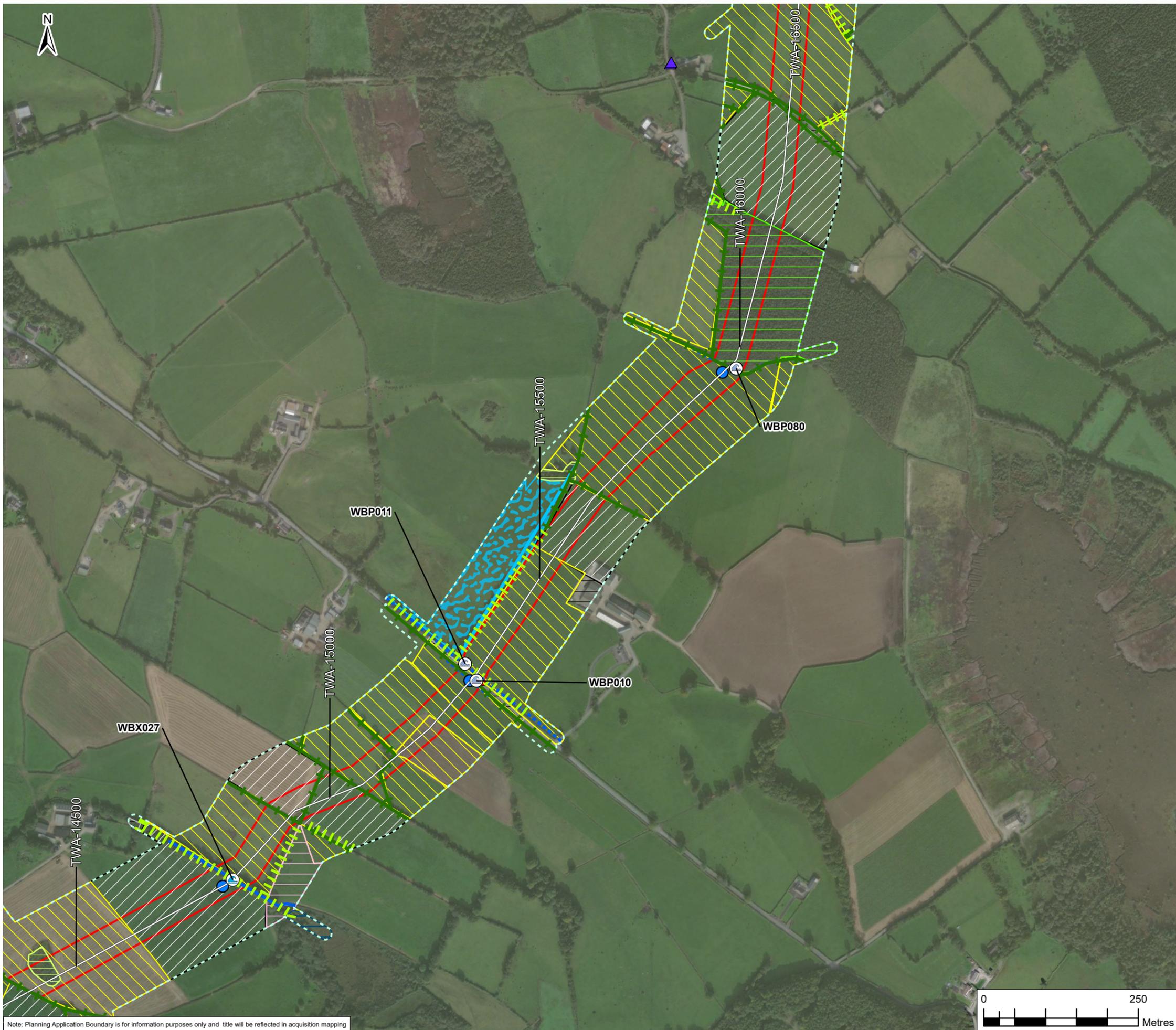
F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

<b>Jacobs</b>		<b>TOBIN</b>	
Client			
Project			
Water Supply Project Eastern and Midlands Region			
Drawing Title			
Figure 8.36 Habitat and Flora Map Sheet 33 of 105			
Drawing Status			
Final - Planning Application			
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1362		
File Path	W:\GIS\Map\0300_DublinNewSupply\Project\0300_0000_Maps\0300_03136200_DFS1.5.aprx		
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.			









**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)

**Invasive Species**

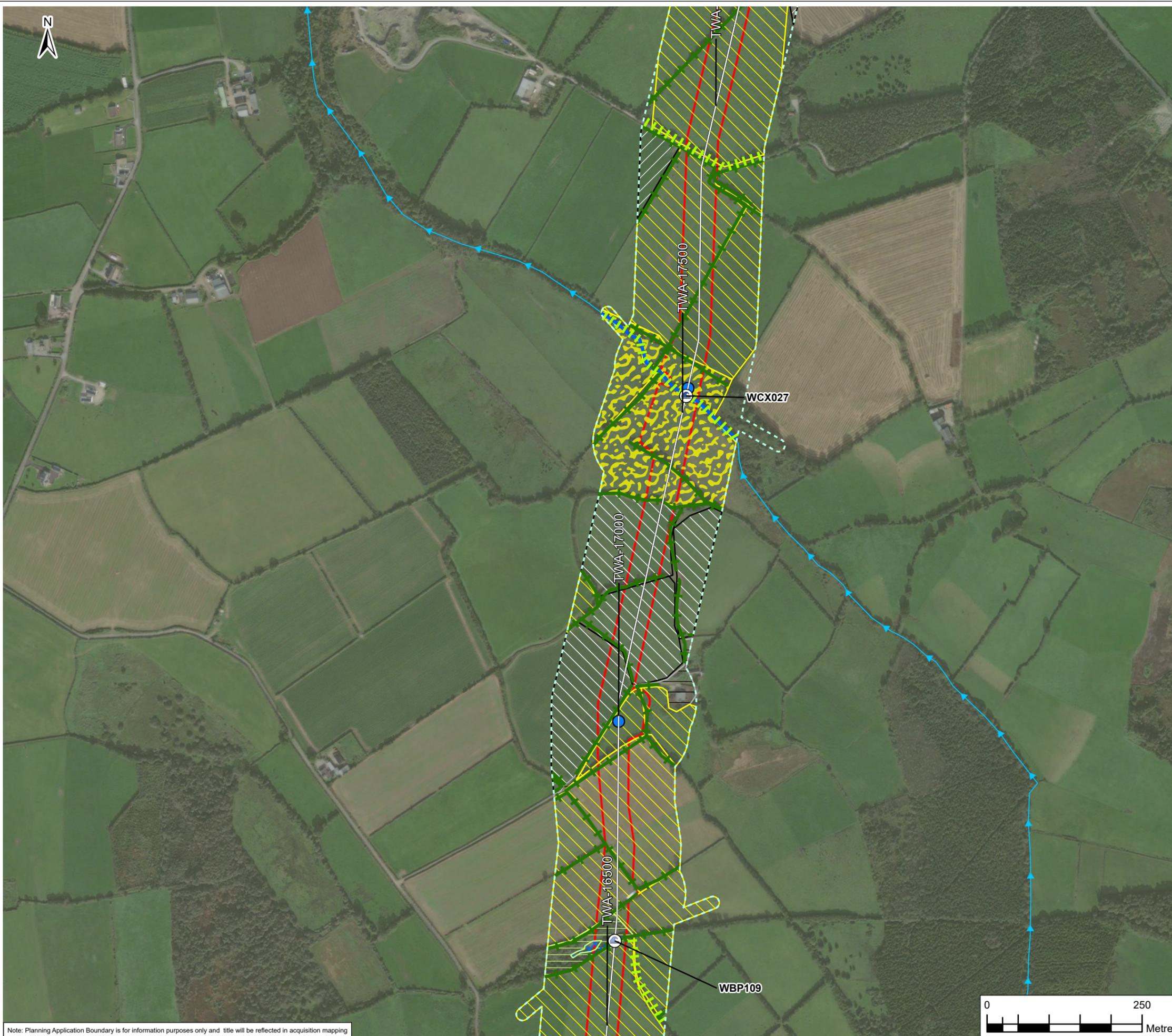
- ▲ Japanese knotweed

Survey data see legend on page 1

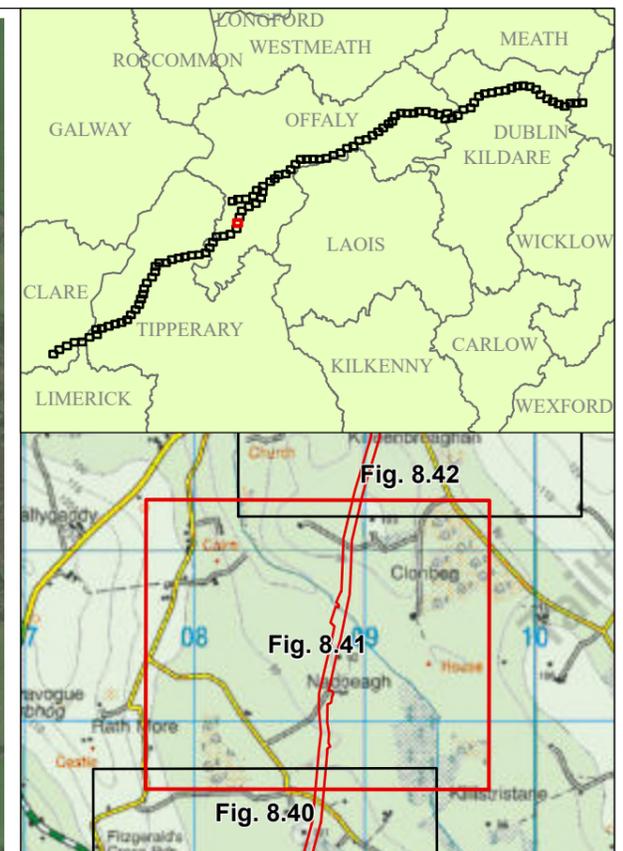
RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

<b>Jacobs</b>		<b>TOBIN</b>	
Client			
Project			
Water Supply Project Eastern and Midlands Region			
Drawing Title			
Figure 8.40 Habitat and Flora Map Sheet 37 of 105			
Drawing Status			
Final - Planning Application			
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1366		
File Path	W:\GIS\Map\0300_DublinNewSupply\Project\0300_Map\0300_DP3\0300_DP3.dwg		
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.			



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Washout Valve (WB)
- ⊙ Watercourse Crossing (WCX – EPA mapped)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

# Jacobs TOBIN

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

Figure 8.41  
Habitat and Flora Map  
Sheet 38 of 105

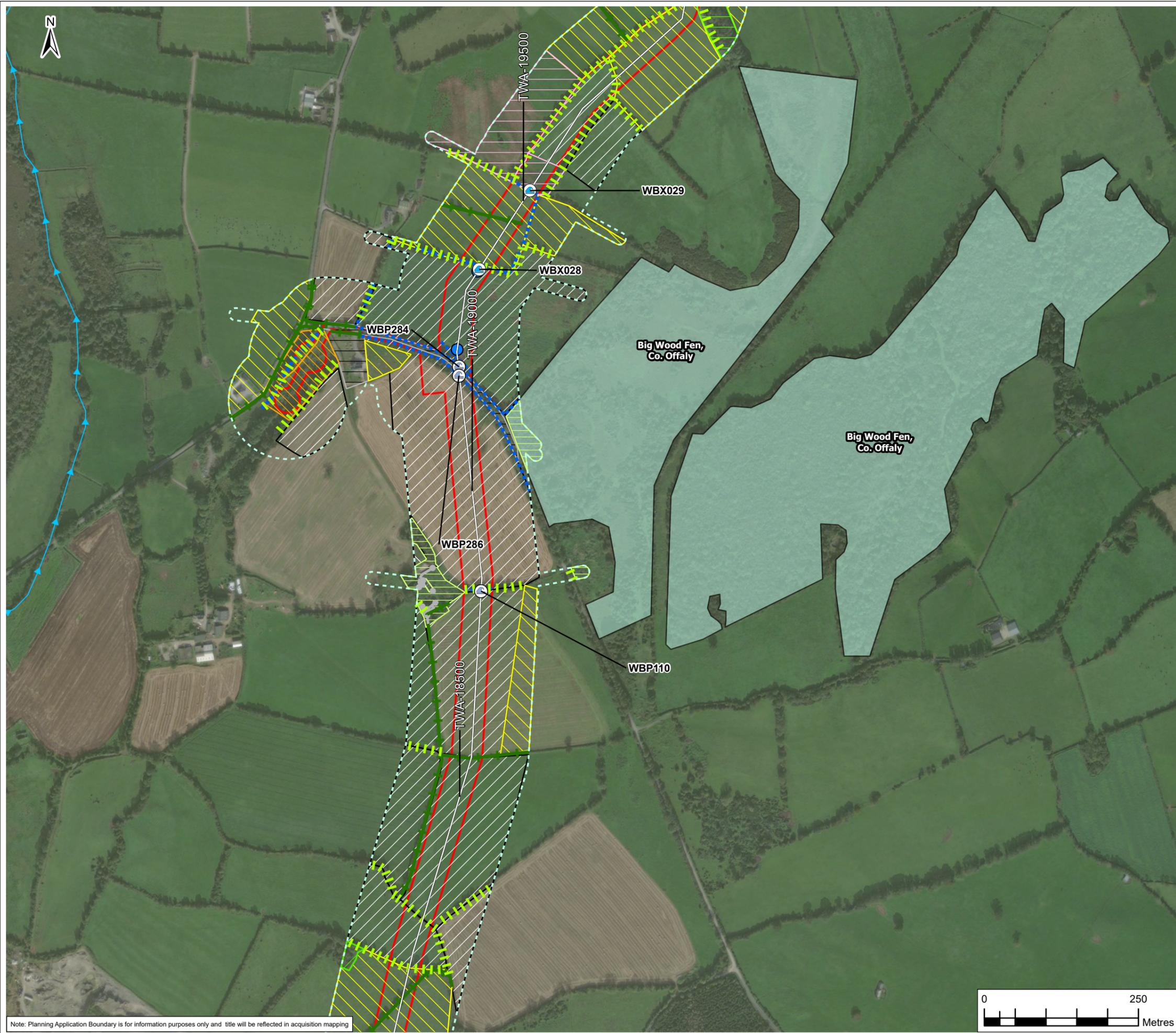
Drawing Status

Final - Planning Application

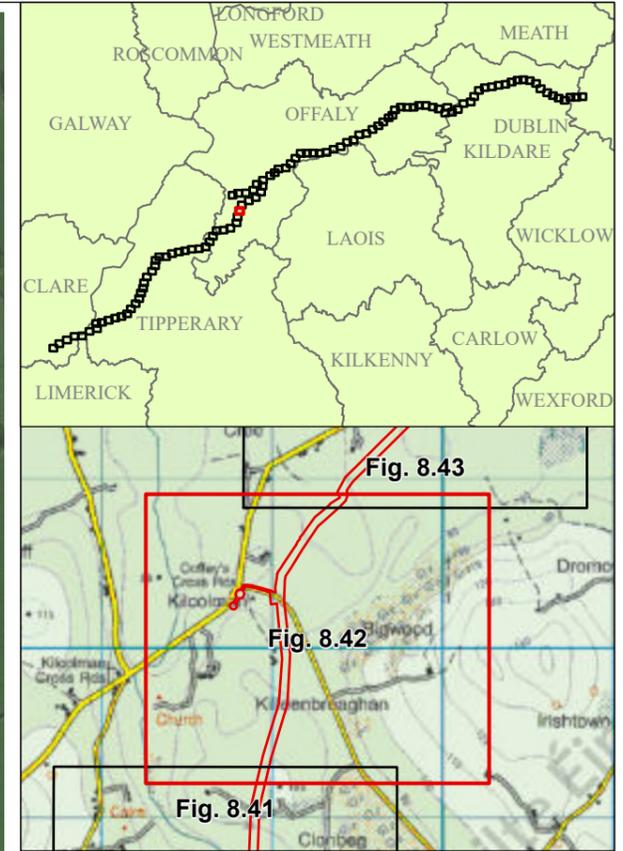
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1367	
File Path	W:\GIS\Map\0300_Drainage\Supply\Project\0300_0000_Maps\0300_0313_0000_D13.1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WBX – streams)
- ⊗ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Annex I Habitats  
 Alkaline fen (7230)  
 Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

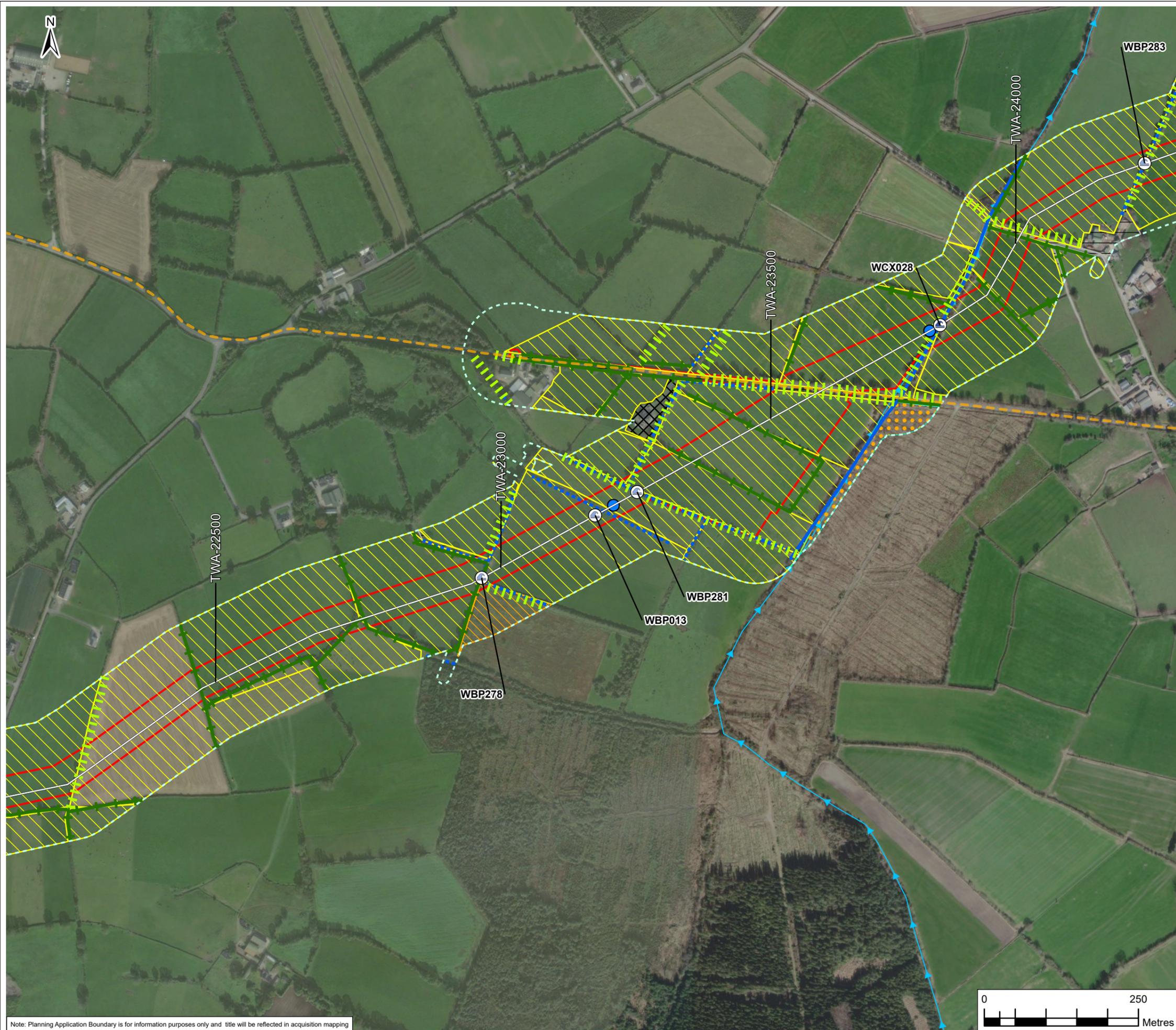
Drawing Title  
 Figure 8.42  
 Habitat and Flora Map  
 Sheet 39 of 105

Drawing Status  
 Final - Planning Application

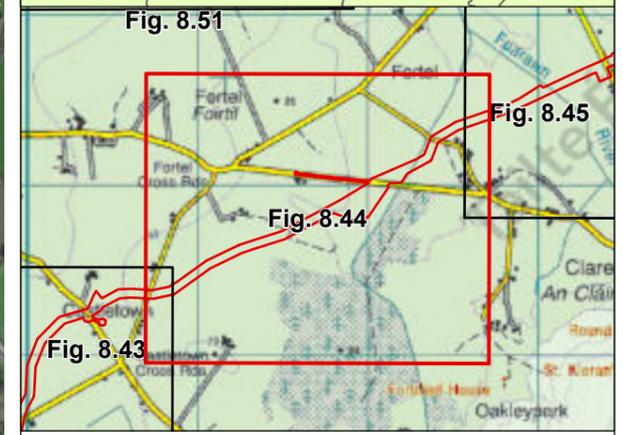
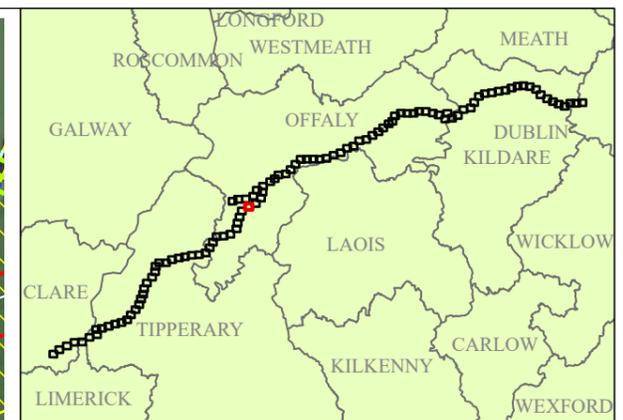
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1368	
File Path	W:\GIS\Map\0300_DublinWaterSupply\Project\0300_Map\0300_DFS\0300_DFS1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Taitte Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			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**

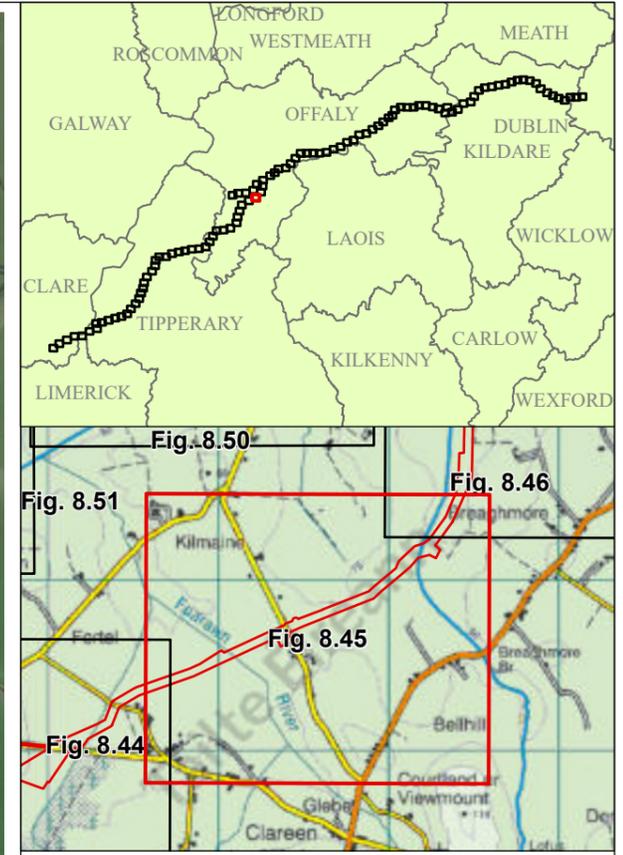
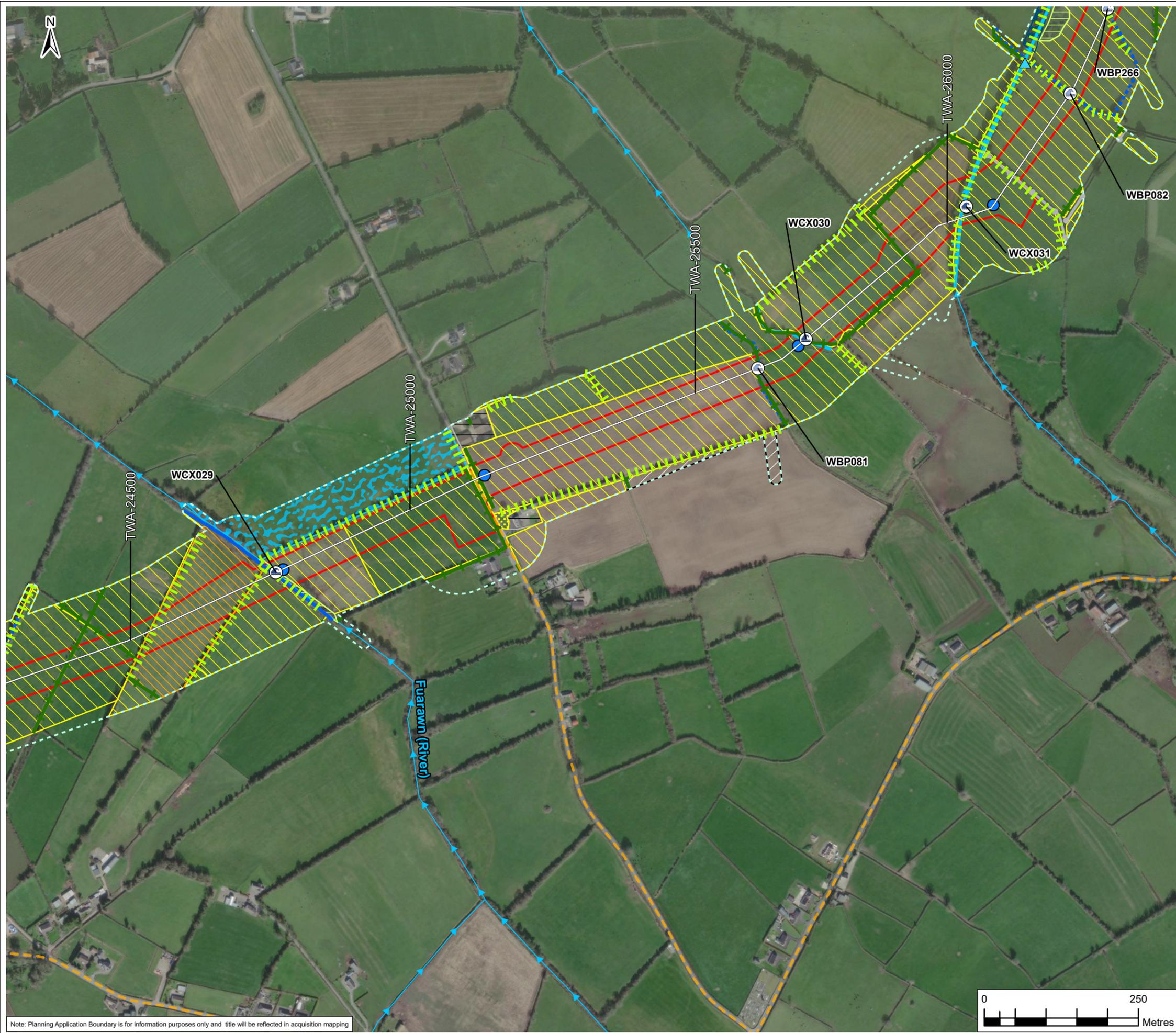
Drawing Title: **Figure 8.44 Habitat and Flora Map Sheet 41 of 105**

Drawing Status: **Final - Planning Application**

Scale @ A3	1:6,000	<b>DO NOT SCALE</b>
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1370	
File Path	W:\GIS\Map\0300_Data\NewSupply\Project\Rev\0300_Map\0300_DFS\0300_DFS.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Eireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WCX – EPA mapped)
- ⊕ Watercourse Crossing (WBP – drains)
- Rivers/Streams

**Invasive Species**

- ▲ Himalayan balsam

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.45  
Habitat and Flora Map  
Sheet 42 of 105

---

Drawing Status

Final - Planning Application

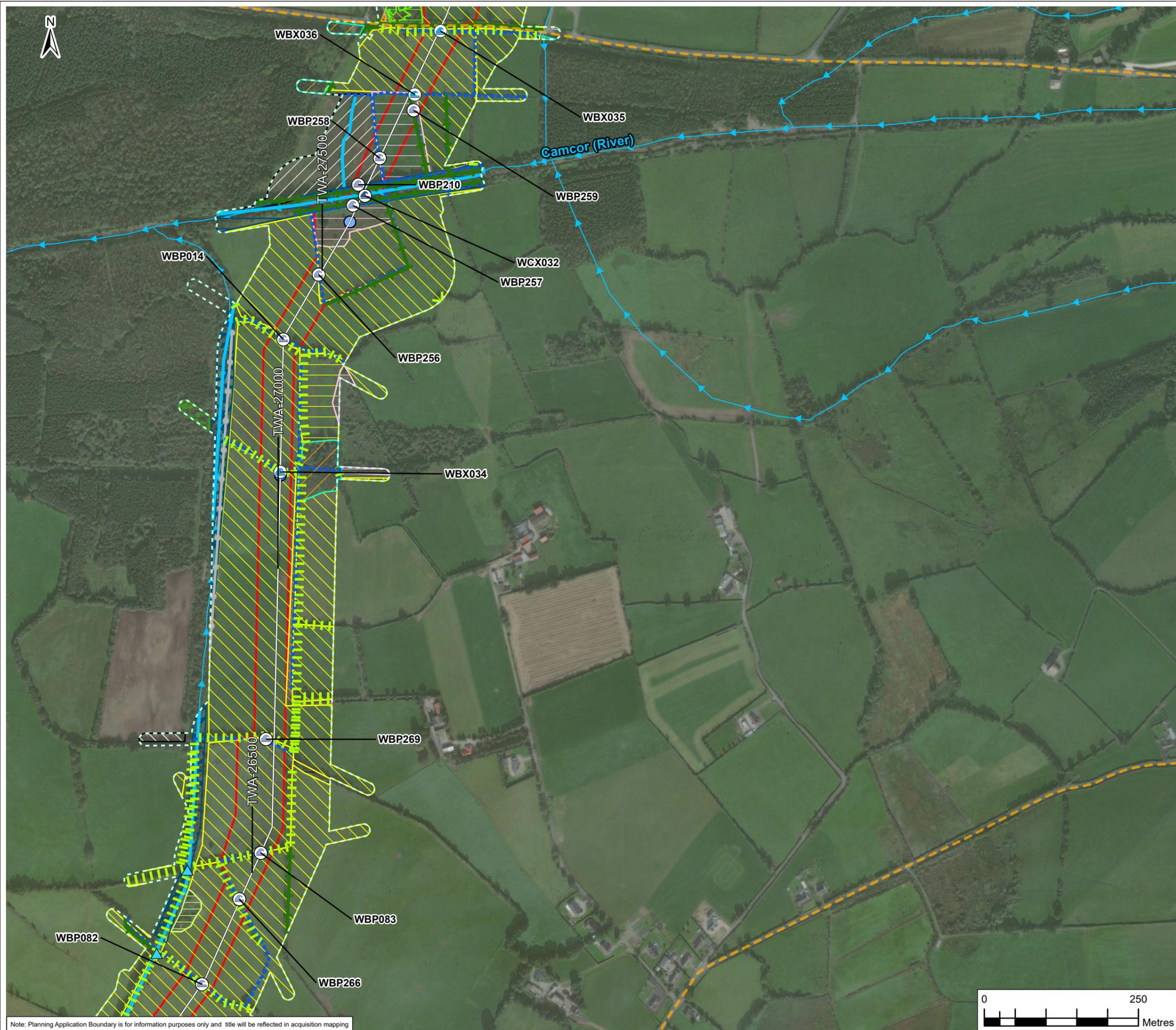
---

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1371	
File Path	W:\GIS\Map\0200_DublinWaterSupply\Project\0200_000_Maps\0200_021_0200_021_1.aprx	

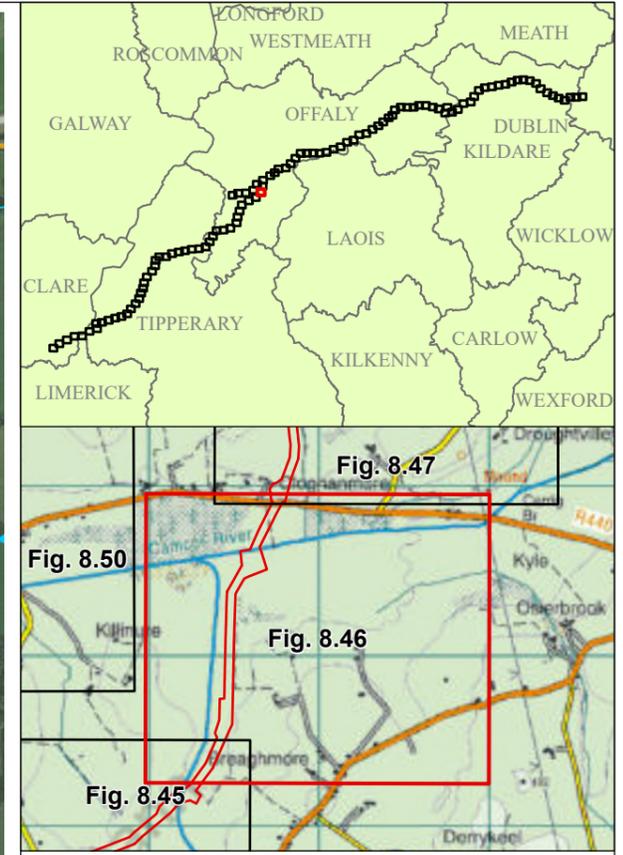
---

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WCX – EPA mapped)
Study Area	Watercourse Crossing (WBX – streams)
Haul Roads	Watercourse Crossing (WBP – drains)
Washout Valve (WA)	Rivers/Streams
Washout Valve (WB)	Invasive Species
	Himalayan balsam

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				

**Jacobs TOBIN**

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

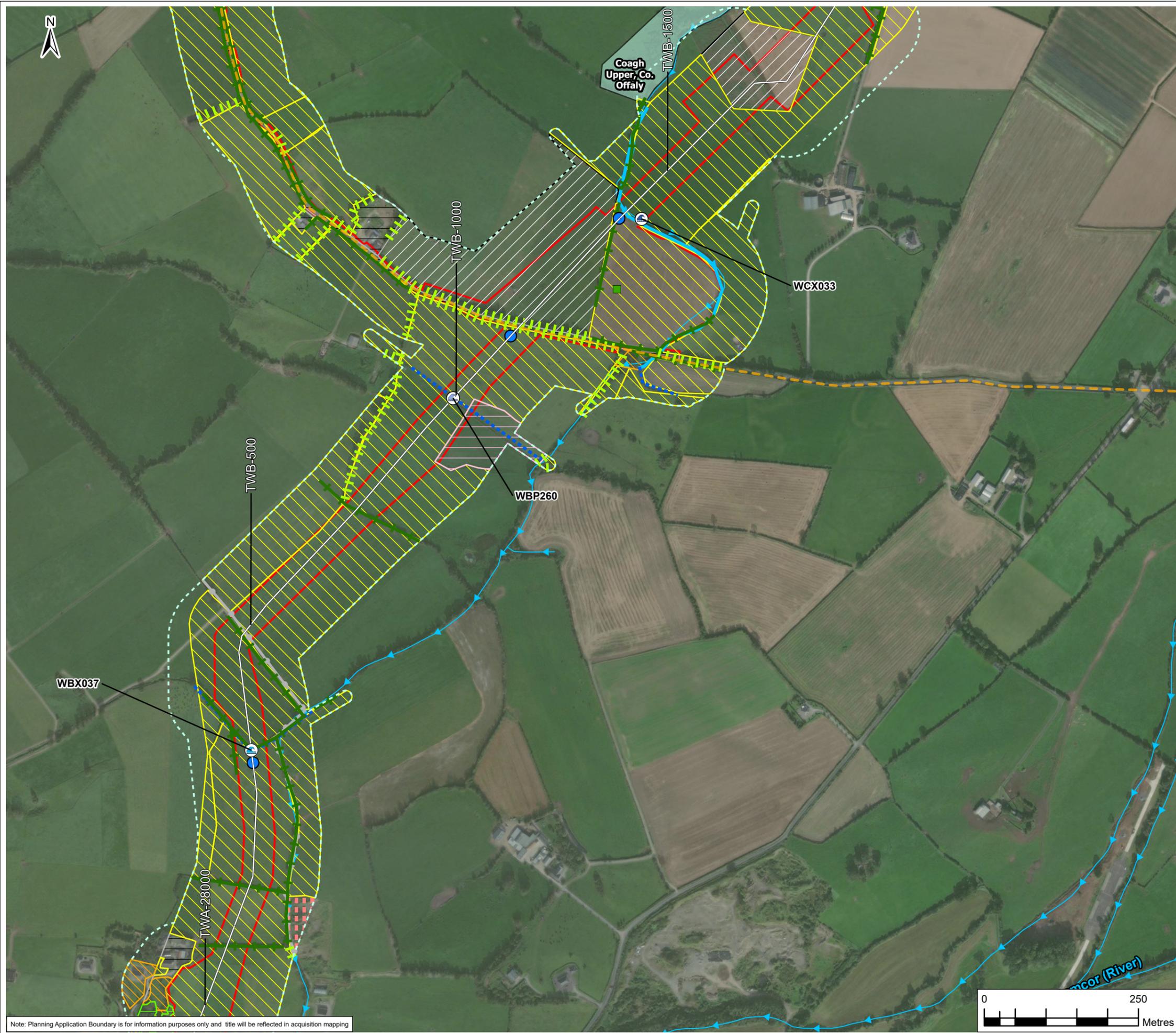
Figure 8.46  
Habitat and Flora Map  
Sheet 43 of 105

Drawing Status: Final - Planning Application

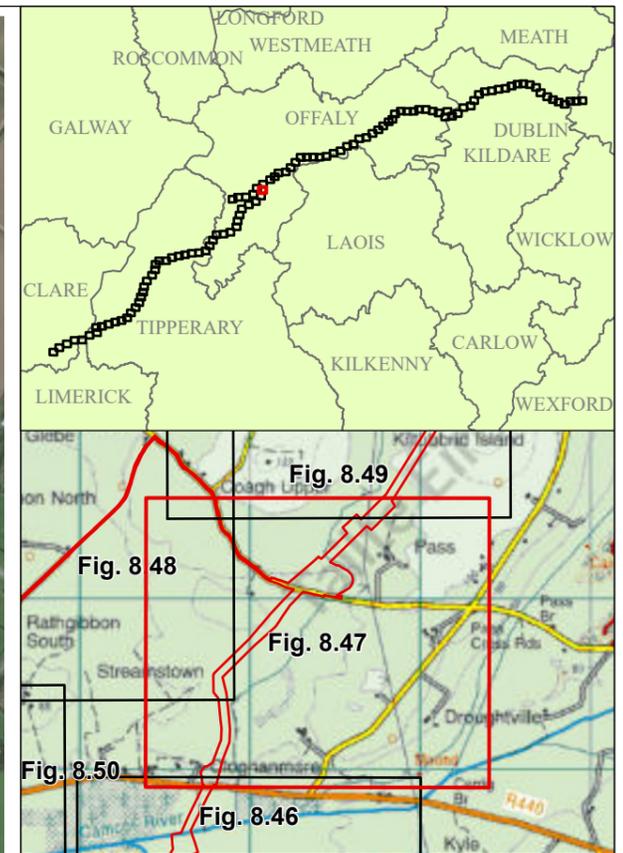
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1372	
File Path	W:\GIS\Map\0300_DublinNewSupply\Project\0300_Map\0300_DFS\0300_DFS_1.aprx	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Taithe Éireann Surveying  
World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WBX – streams)
Inductive Pipeline	Watercourse Crossing (WBP – drains)
Study Area	Rivers/Streams
Haul Roads	Infrastructure Sites
Washout Valve (WB)	Booster Pumping Station
Watercourse Crossing (WCX – EPA mapped)	Annex I Habitats
	Alkaline fen (7230)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				

**Jacobs** **TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.47  
 Habitat and Flora Map  
 Sheet 44 of 105

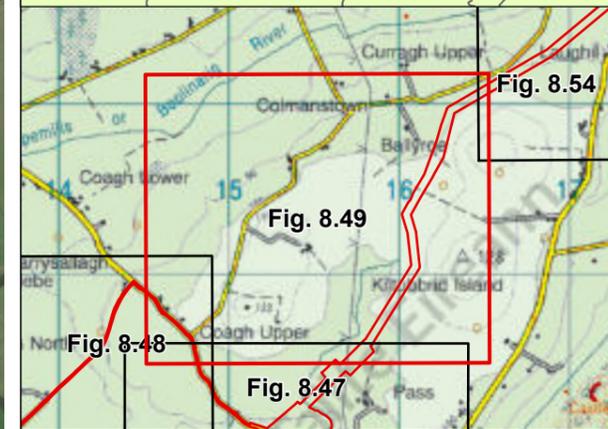
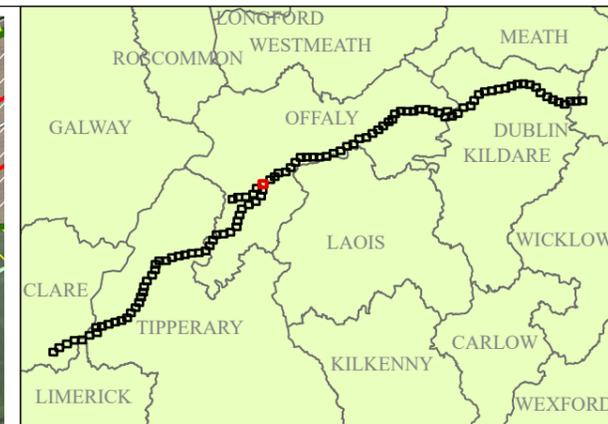
Drawing Status  
 Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1373	
File Path	W:\GIS\Map\0300_DublinNewSupply\Project\0300_000_Maps\0300_DP3\0300_DP3.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Rivers/Streams

**Annex I Habitats**

- Alkaline fen (7230)

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

---

**Client**

---

**Project**

Water Supply Project  
Eastern and Midlands Region

---

**Drawing Title**

Figure 8.49  
Habitat and Flora Map  
Sheet 46 of 105

---

**Drawing Status**

Final - Planning Application

---

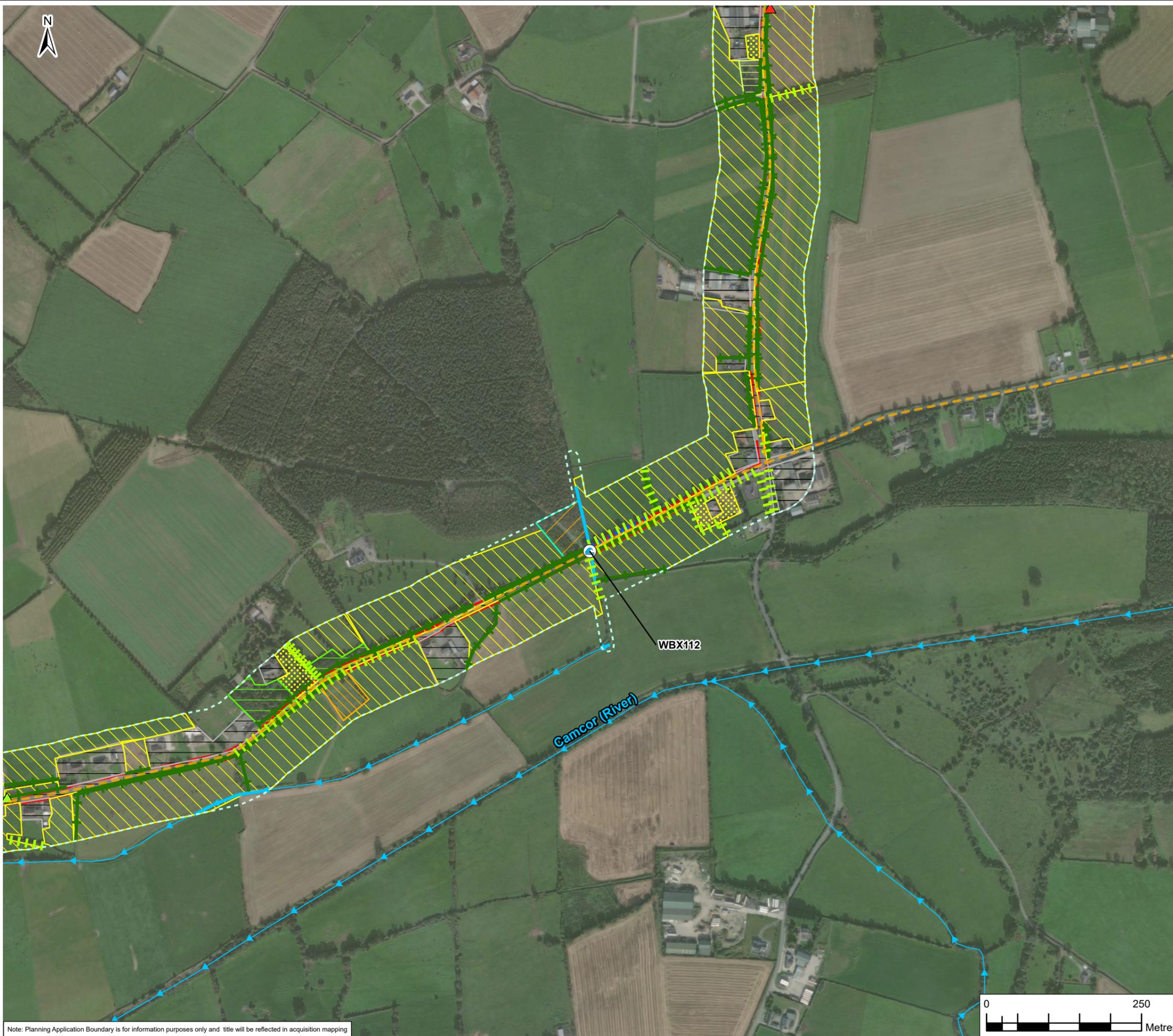
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1375	
File Path	W:\GIS\Map\0200_DublinNewSupply\Project\0200_000_Maps\0200_021_0200_021_1.dwg	

---

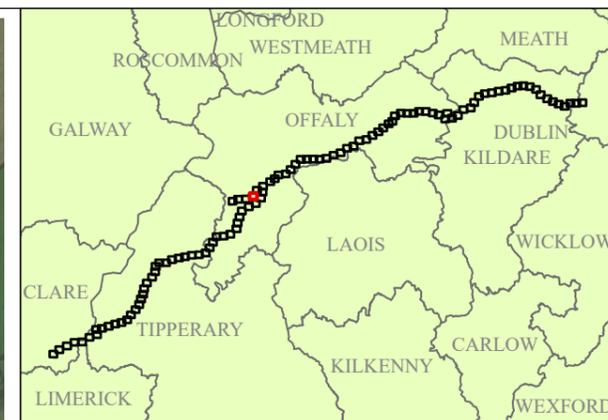
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Study Area
- Haul Roads
- Watercourse Crossing (WBX – streams)
- Rivers/Streams

**Invasive Species**

- ▲ Cotoneaster
- ▲ Snowberry

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

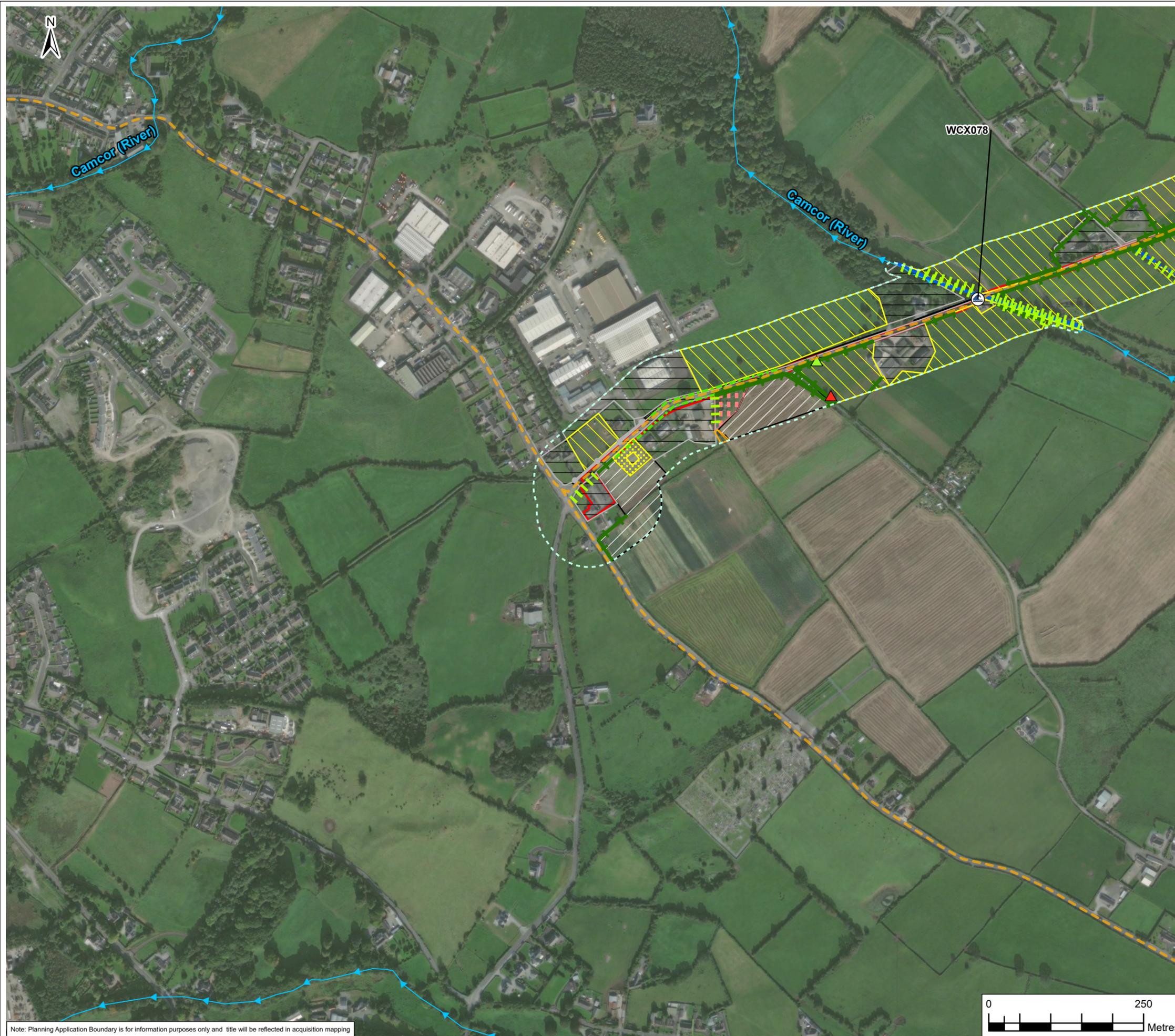
<b>Jacobs TOBIN</b>	
Client	
Project	Water Supply Project Eastern and Midlands Region
Drawing Title	Figure 8.50 Habitat and Flora Map Sheet 47 of 105
Drawing Status	Final - Planning Application
Scale @ A3	1:6,000 <span style="float: right;">DO NOT SCALE</span>
Jacobs No.	32105801
Client No.	9318
Drawing No.	32105801/700/1376
File Path	<small>W:\GIS\Map\0500_Database\Supply\Project\Rev\0500_Map\0500_DP3\0500_DP3.dwg</small>

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

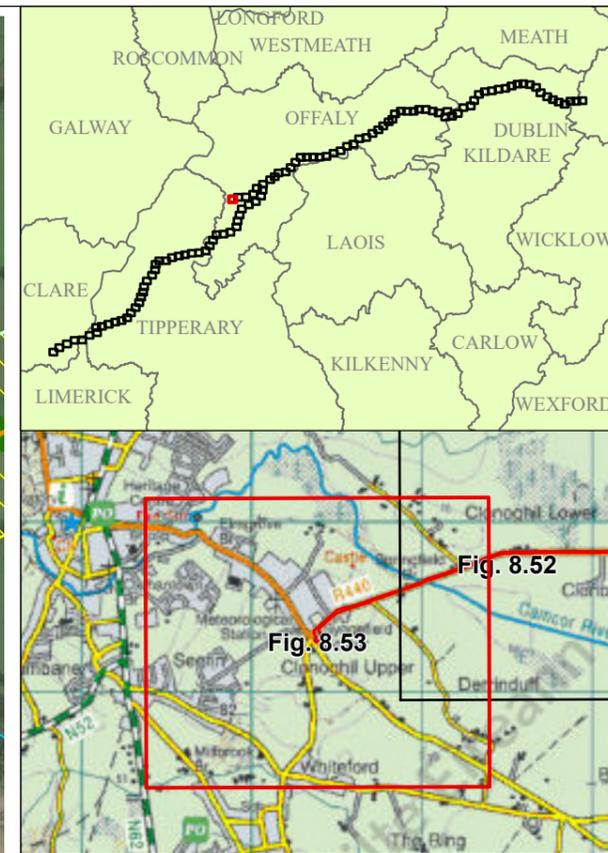
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Study Area
- Haul Roads
- Watercourse Crossing (WCX – EPA mapped)
- Rivers/Streams
- Invasive Species**
- ▲ Cotoneaster
- ▲ Snowberry
- Survey data see legend on page 1
- RW-xxx - Raw Water Chainage
- TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

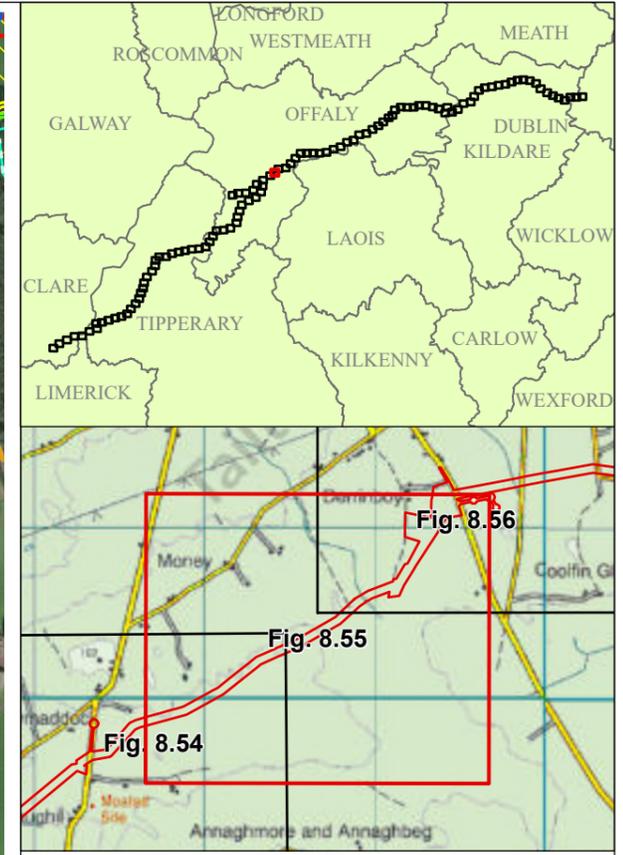
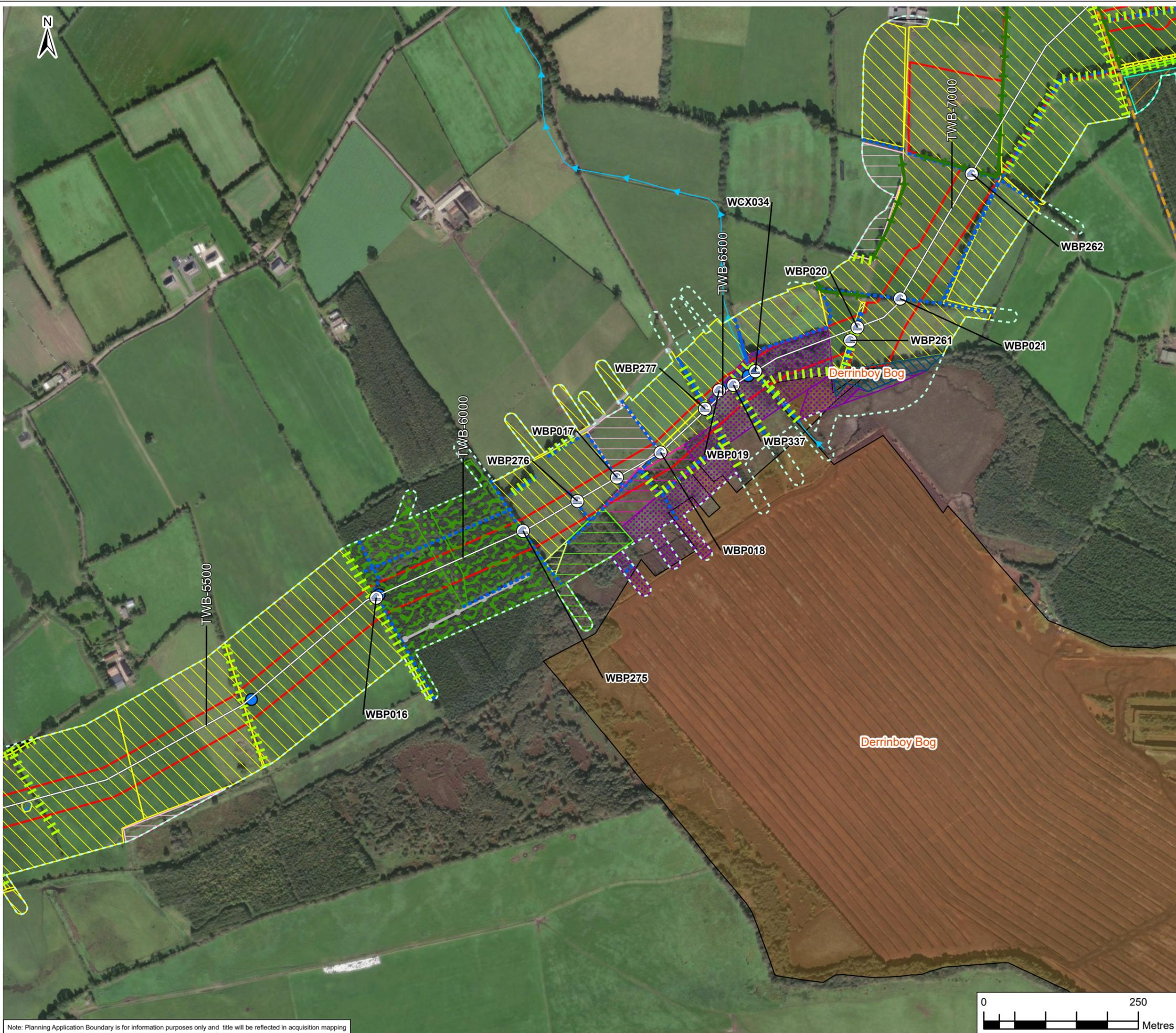
Drawing Title  
 Figure 8.53  
 Habitat and Flora Map  
 Sheet 50 of 105

Drawing Status  
 Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1379	
File Path	W:\GIS\Map\0300_DublinRawSupply\Project\0300_0000_Maps\0300_0313_0300_0313.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Talte Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊕ Watercourse Crossing (WCX – EPA mapped)
- ⊗ Watercourse Crossing (WBP – drains)
- Rivers/Streams
- Bord na Móna - bogs

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

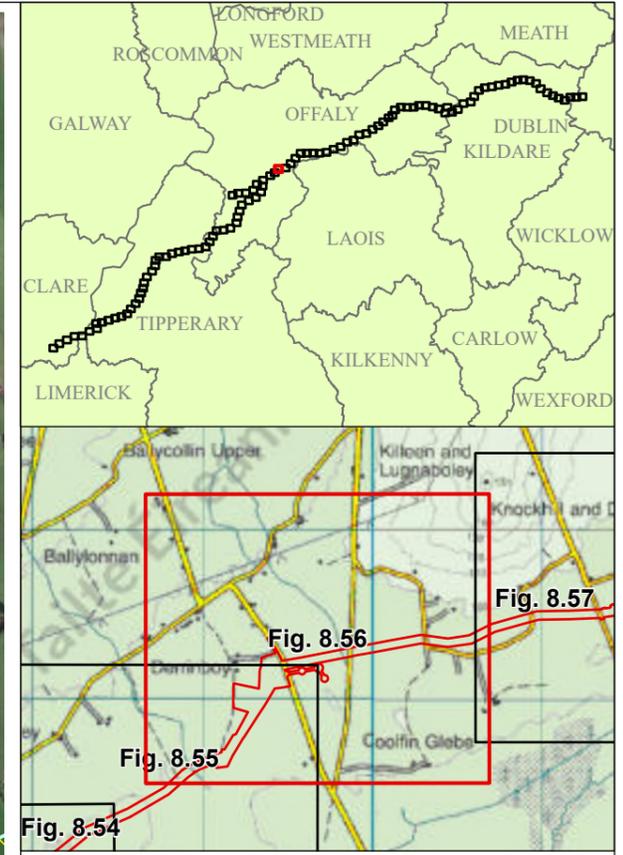
<b>Jacobs</b>		<b>TOBIN</b>	
Client			
Project			
Water Supply Project Eastern and Midlands Region			
Drawing Title			
Figure 8.55 Habitat and Flora Map Sheet 52 of 105			
Drawing Status			
Final - Planning Application			
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1381		
File Path	W:\GIS\Map\0300_DublinNewSupply\Project\0300_Map\0300_DP3\0300_DP3.dwg		
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.			

Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams
- Bord na Móna - bogs
- Annex I Habitats
- Transition mire (7140)

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			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 8.56 Habitat and Flora Map Sheet 53 of 105**

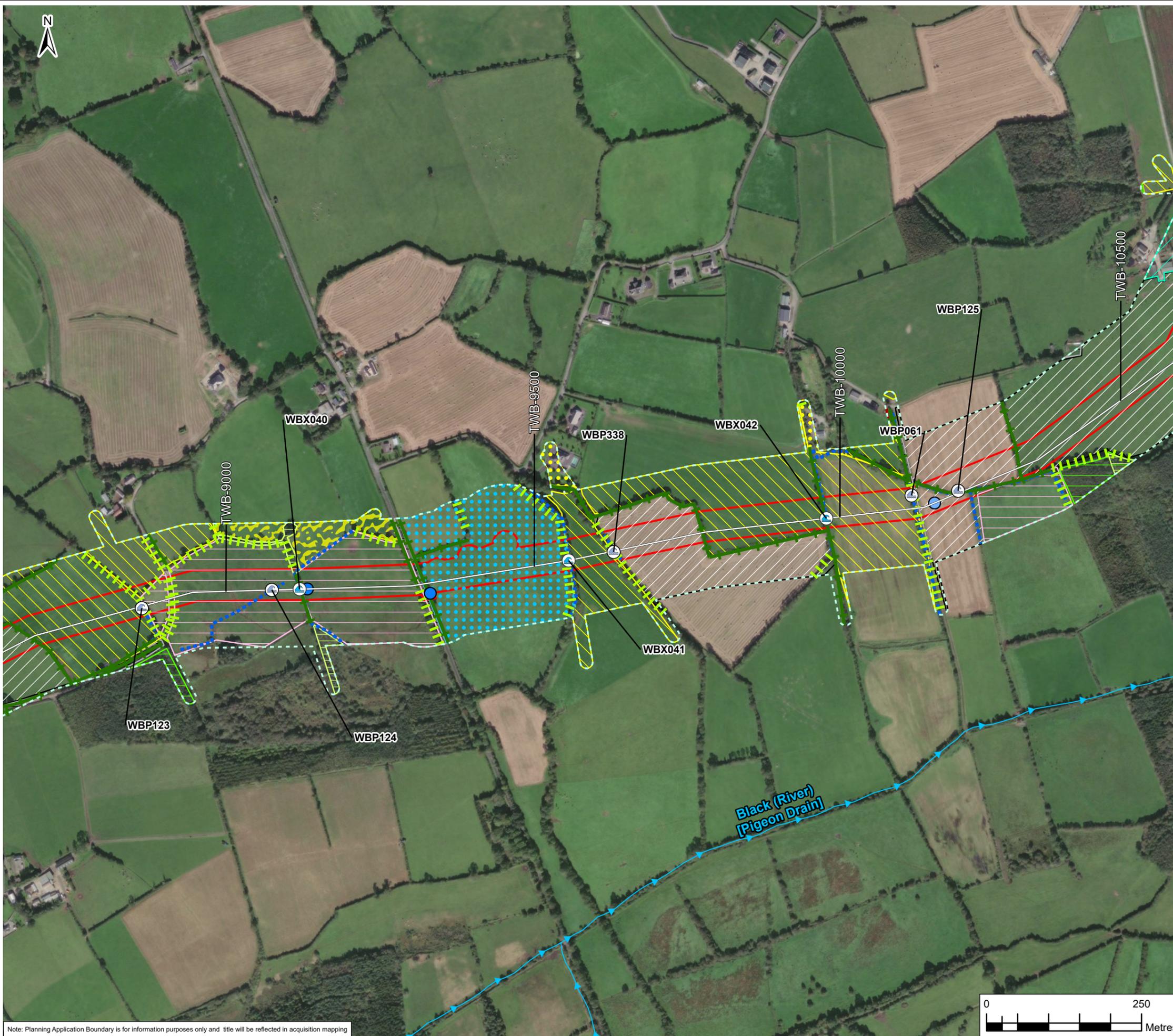
Drawing Status: **Final - Planning Application**

Scale @ A3: **1:6,000** | **DO NOT SCALE**

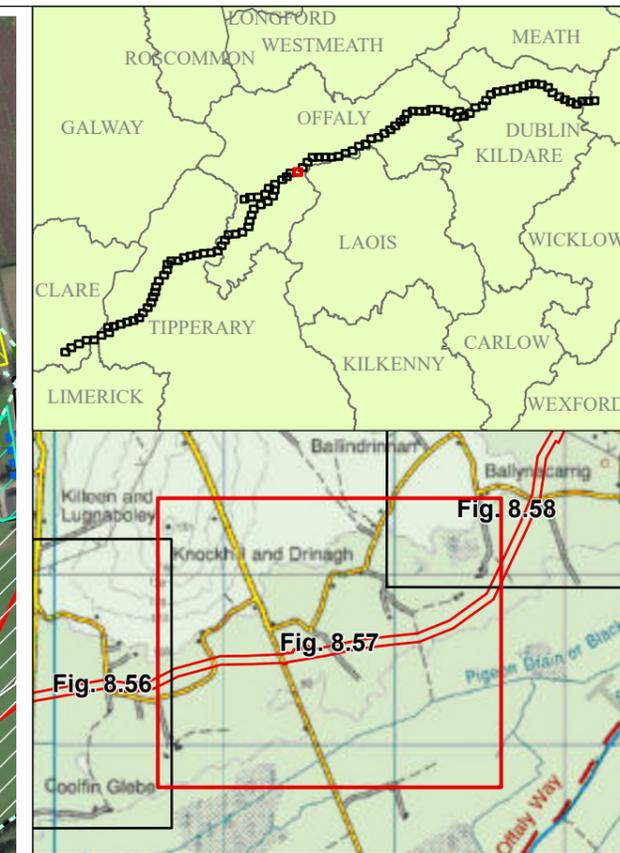
Jacobs No.: 32105801  
 Client No.: 9318  
 Drawing No.: 32105801/700/1382  
 File Path: W:\GIS\MapDocs\32105801\MapDocs\32105801\_700\_1382\32105801\_700\_1382\_Draft\_1.aprx

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Taithe Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



- Legend**
- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Washout Valve (WA)
  - Washout Valve (WB)
  - Watercourse Crossing (WBX – streams)
  - Watercourse Crossing (WBP – drains)
  - Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Client

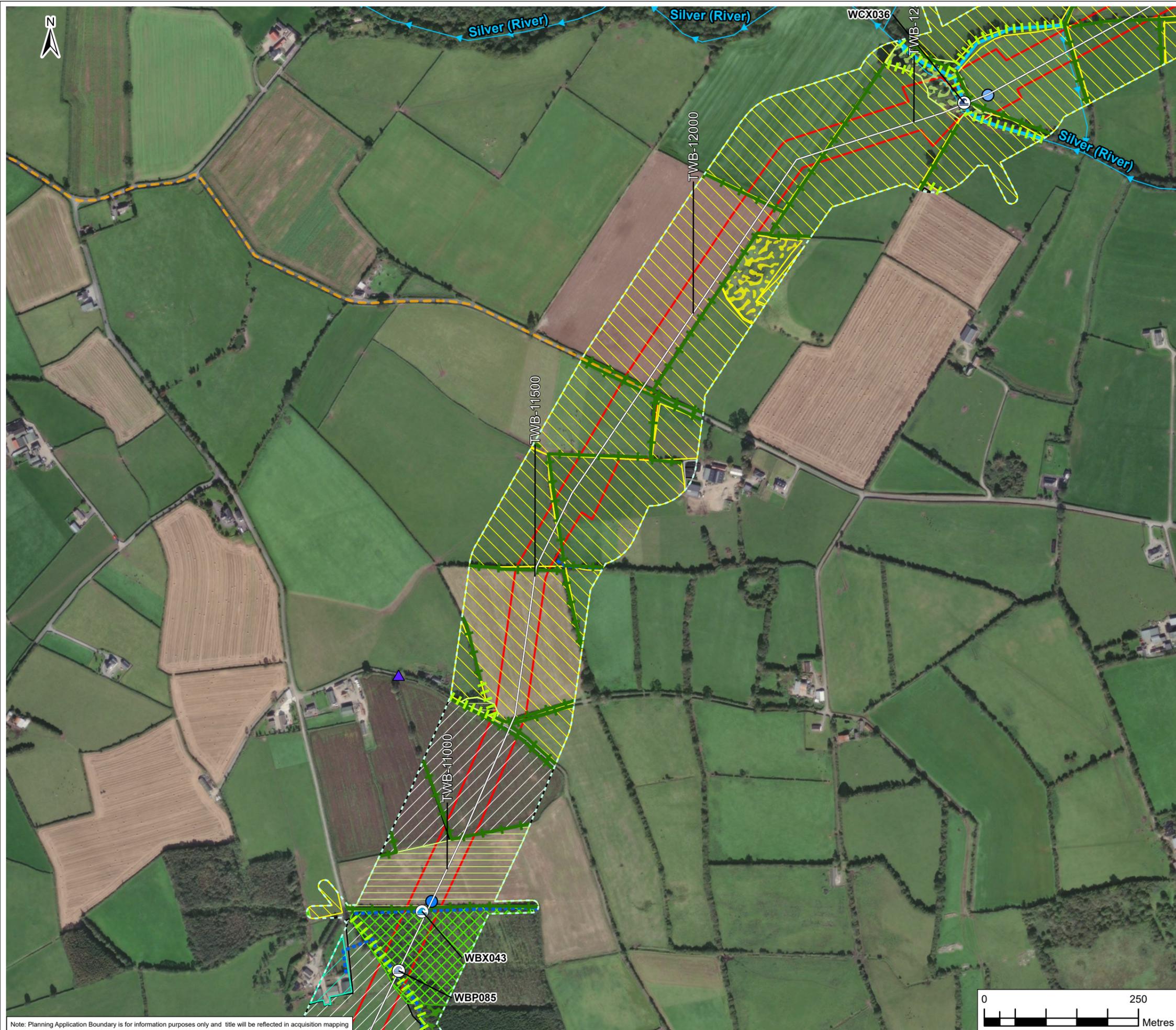
Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.57  
 Habitat and Flora Map  
 Sheet 54 of 105

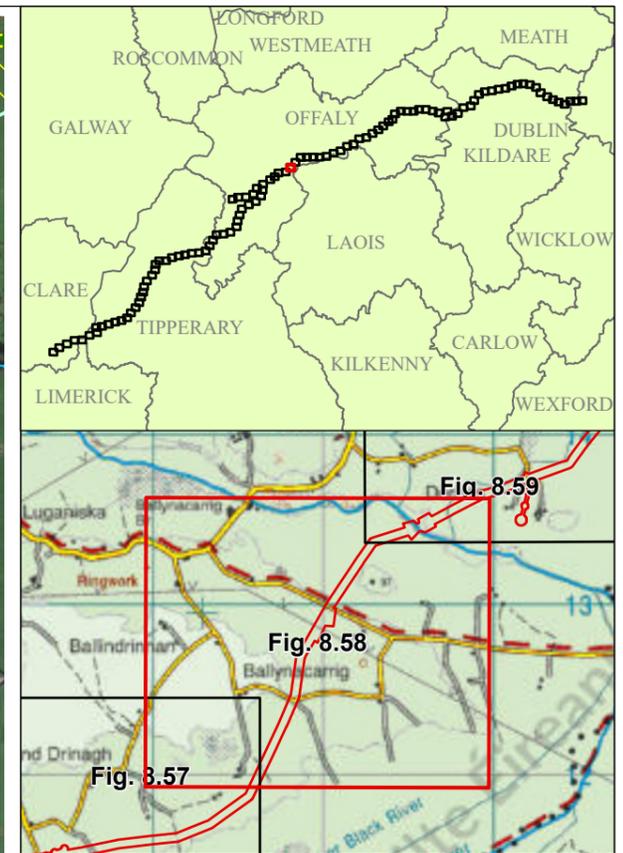
Drawing Status  
 Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1383	
File Path	W:\GIS\MapDocs\32105801_Drainage\Supply\Project\4-01010_000_Maps\005_DP3_0000_DP3.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WCX – EPA mapped)
Indivative Pipeline	Watercourse Crossing (WBX – streams)
Study Area	Watercourse Crossing (WBP – drains)
Haul Roads	Rivers/Streams
Washout Valve (WA)	Invasive Species
Washout Valve (WB)	Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project

Water Supply Project  
 Eastern and Midlands Region

Drawing Title

Figure 8.58  
 Habitat and Flora Map  
 Sheet 55 of 105

Drawing Status

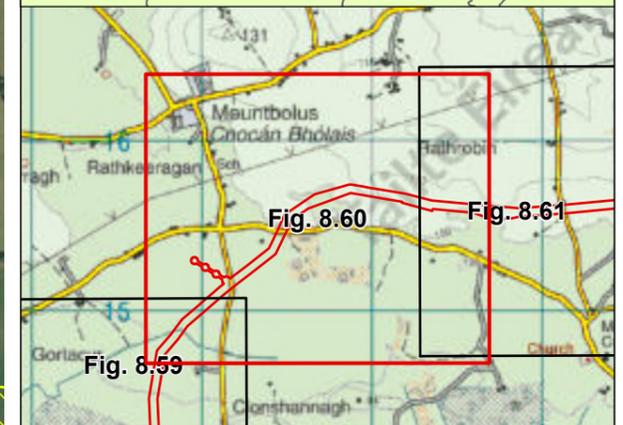
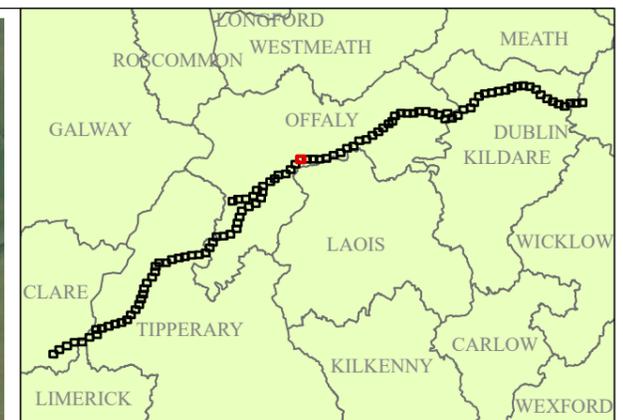
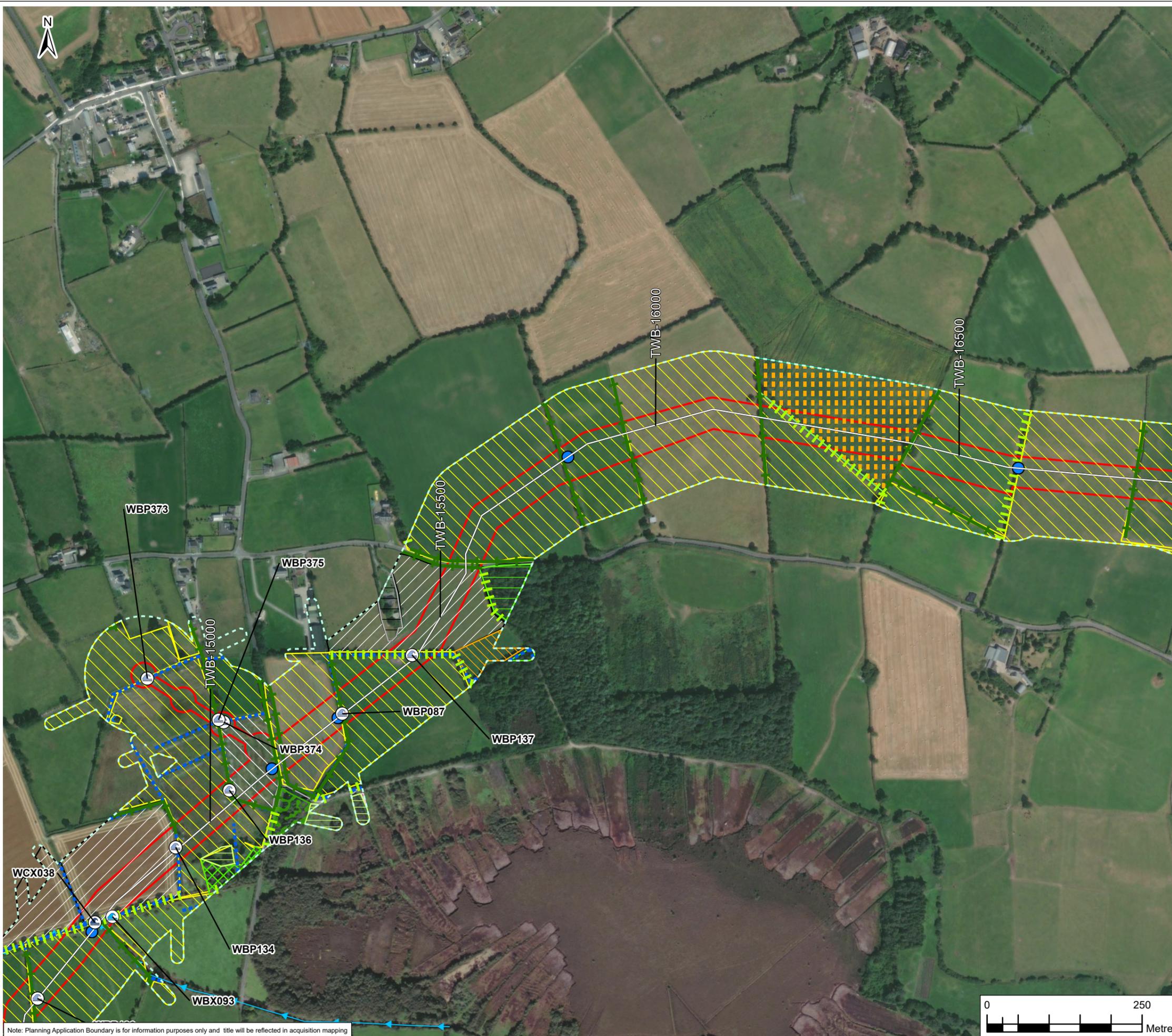
Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1384	
File Path	W:\GIS\Map\0360_DublinRawSupplyProject\0360_000_Maps\0360_DP3\0360_DP3.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Washout Valve (WB)
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

**Jacobs TOBIN**

Client

Project

Water Supply Project  
Eastern and Midlands Region

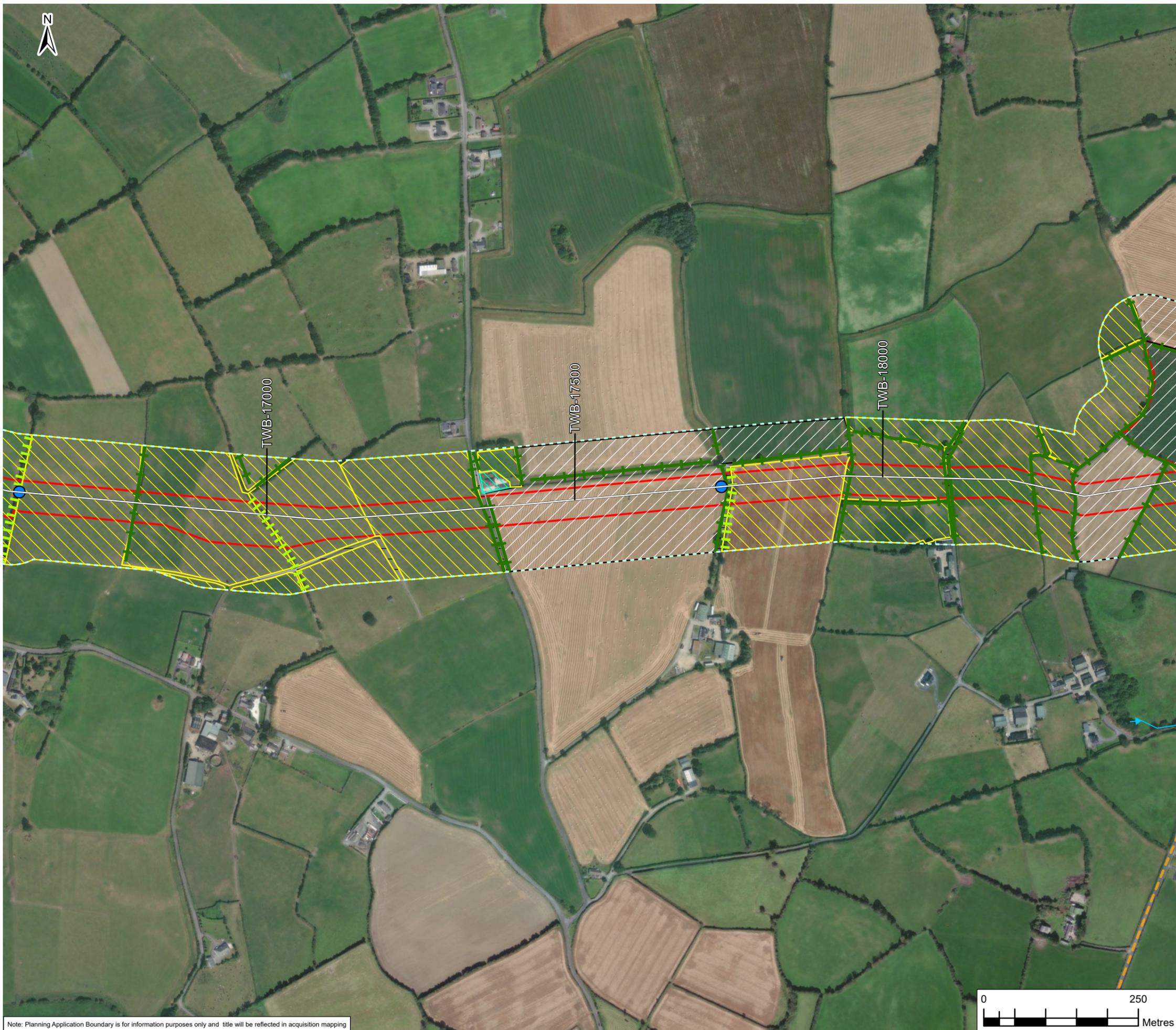
Drawing Title

Figure 8.60  
Habitat and Flora Map  
Sheet 57 of 105

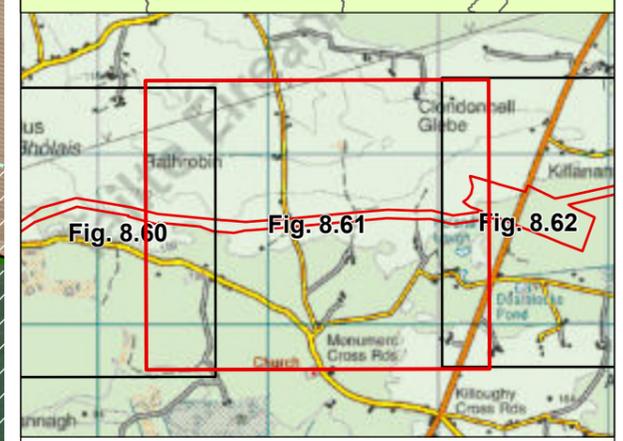
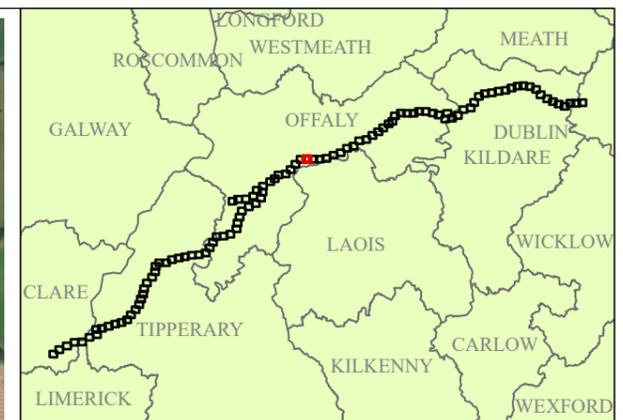
Drawing Status	Final - Planning Application		
Scale @ A3	1:6,000	DO NOT SCALE	
Jacobs No.	32105801		
Client No.	9318		
Drawing No.	32105801/700/1386		
File Path	W:\GIS\Map\0300_Database\Supply\Project\0300_Map\0300_DFS\0300_DFS_1.dwg		

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Taitte Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Rivers/Streams

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.61  
 Habitat and Flora Map  
 Sheet 58 of 105

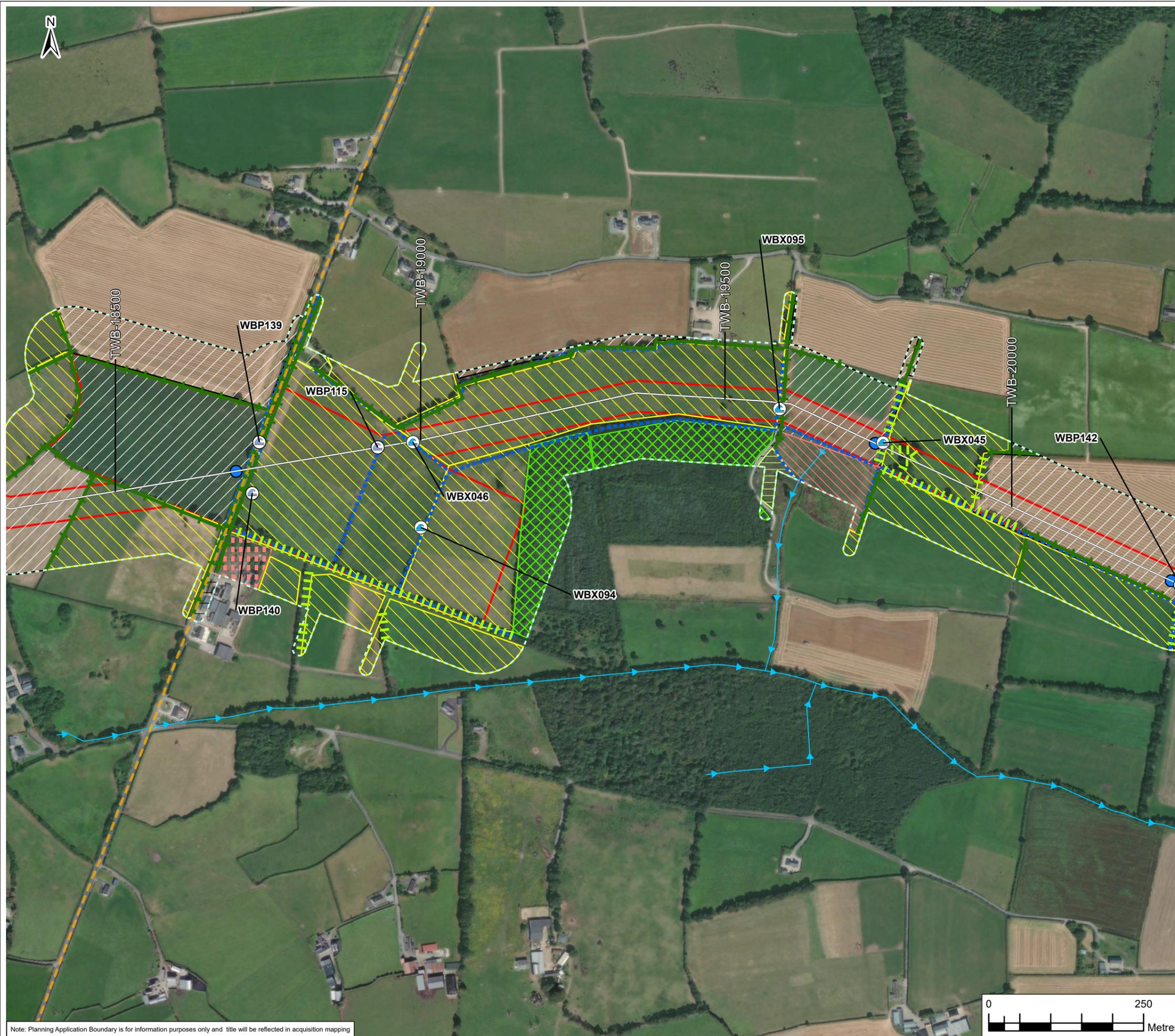
Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1387	
File Path	W:\GIS\Map\05801_Drawing\Map\Supply\Project\05801_005_Map\05801_DFS_05801_DFS_1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping

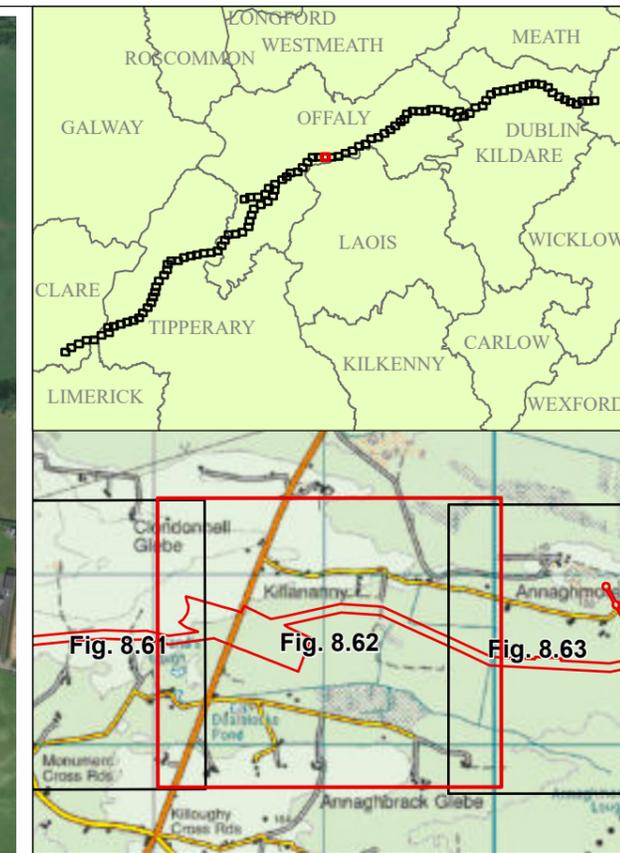


Fig. 8.61 Fig. 8.62 Fig. 8.63

**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊙ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.62  
Habitat and Flora Map  
Sheet 59 of 105

Drawing Status

Final - Planning Application

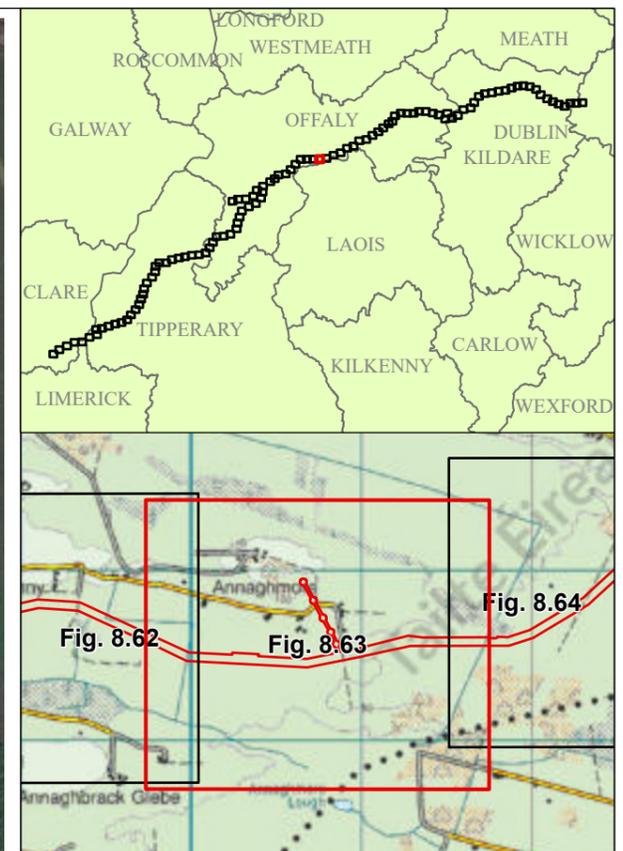
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1388	
File Path	W:\GIS\MapDocs\32105801_Drawing\Supply\Project\Fig8.62_59_Maps\8.62_59_1388_D13.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Client

Project

Water Supply Project  
Eastern and Midlands Region

Drawing Title

Figure 8.63  
Habitat and Flora Map  
Sheet 60 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1389	
File Path	W:\GIS\MapDocs\32105801_Design\RawSupply\Project\CD\32105801_Map060_Draft.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Taitte Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







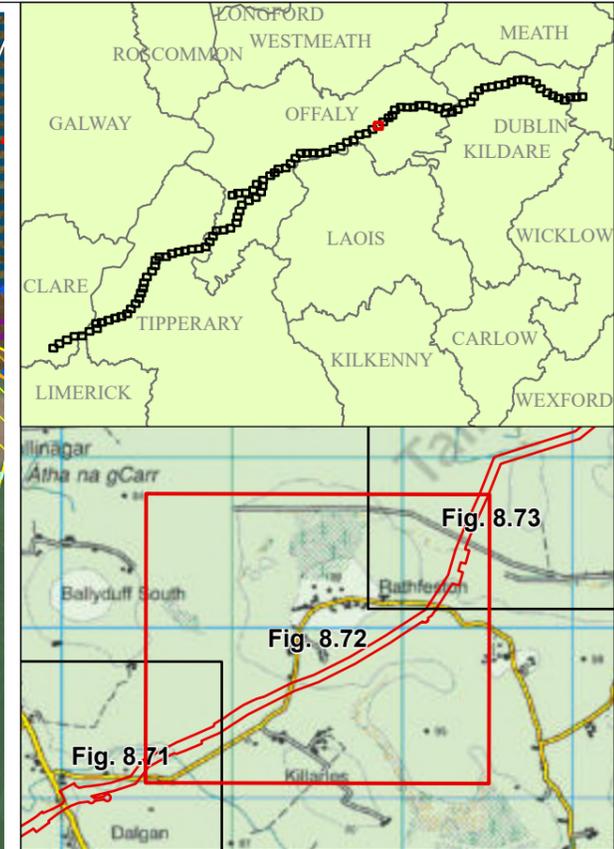












**Legend**

- - - Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WB)
- ⊙ Watercourse Crossing (WCX – EPA mapped)
- ⊙ Watercourse Crossing (WBX – streams)
- ⊙ Watercourse Crossing (WBP – drains)
- Rivers/Streams
- Bord na Móna - bogs

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Client:

Project: Water Supply Project  
Eastern and Midlands Region

Drawing Title: Figure 8.72  
Habitat and Flora Map  
Sheet 69 of 105

Drawing Status: Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1398	
File Path	W:\GIS\Map\32105801_DublinWaterSupplyProject\32105801_700_Map\32105801_700_1398_Draft_1.dwg	

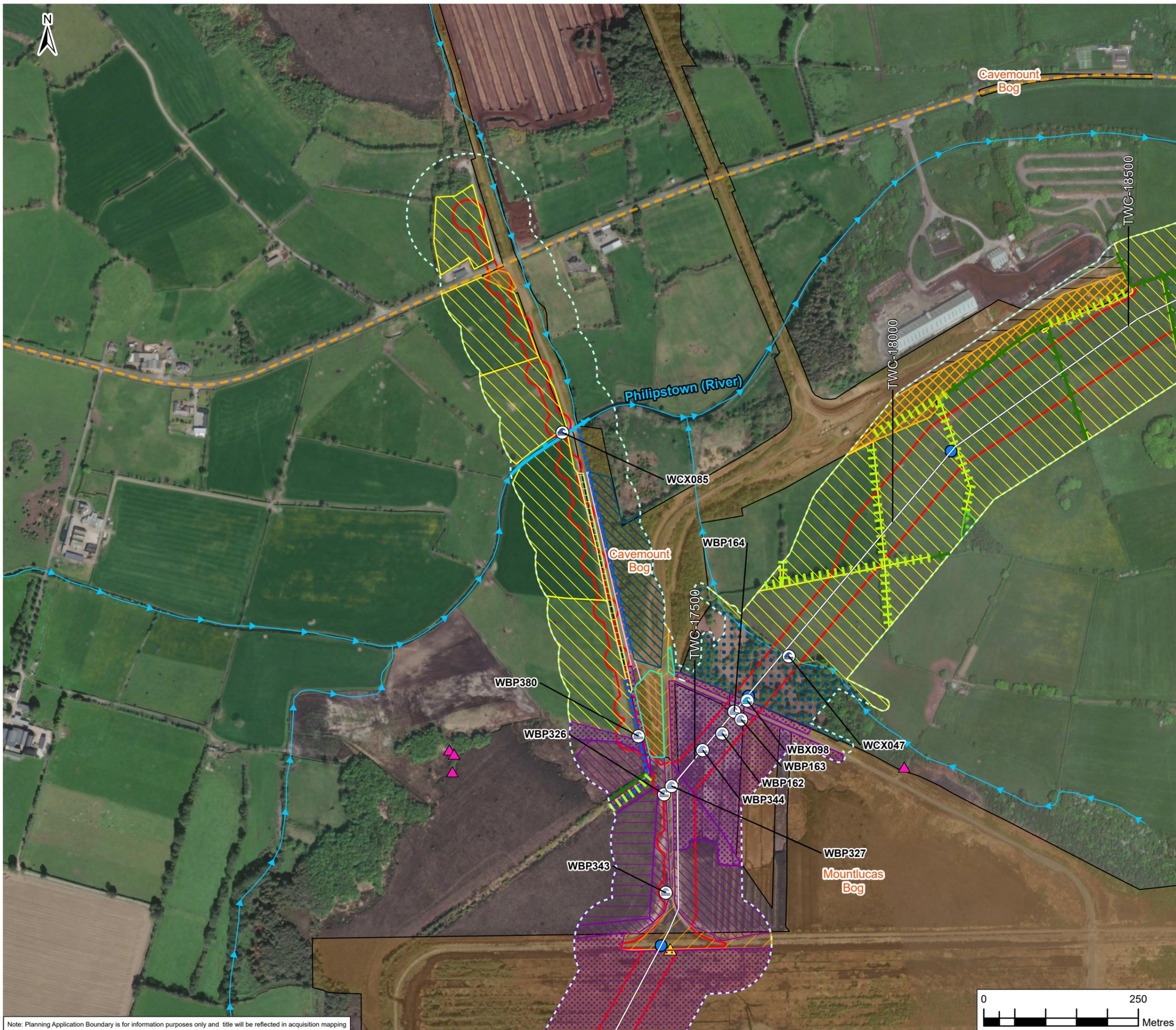
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Taitte Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

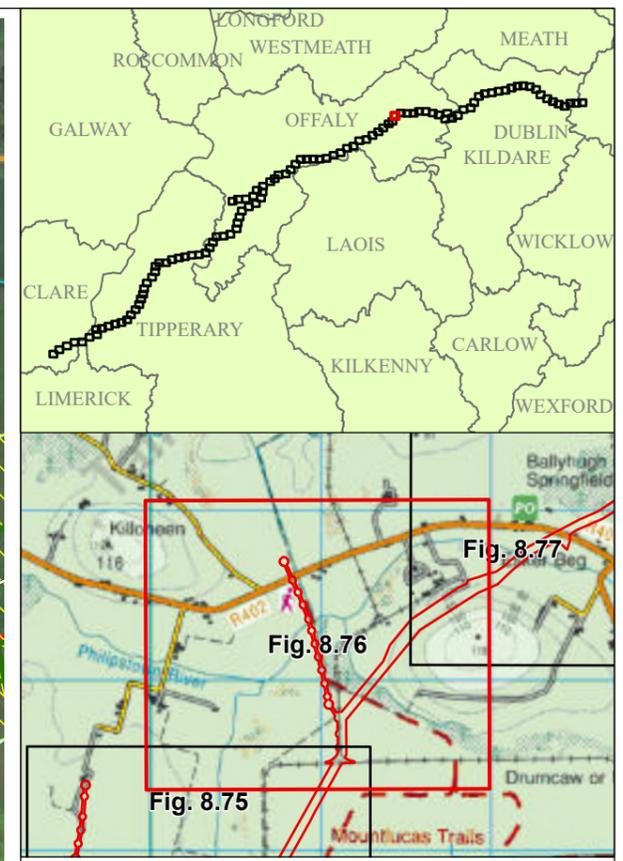








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WBP – drains)
Indicative Pipeline	Rivers/Streams
Study Area	Bord na Móna - bogs
Haul Roads	Invasive Species
Washout Valve (WB)	Rhododendron
Watercourse Crossing (WCX – EPA mapped)	Rare Protected Flora
Watercourse Crossing (WBX – streams)	Basil thyme

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

Drawing Title  
 Figure 8.76  
 Habitat and Flora Map  
 Sheet 73 of 105

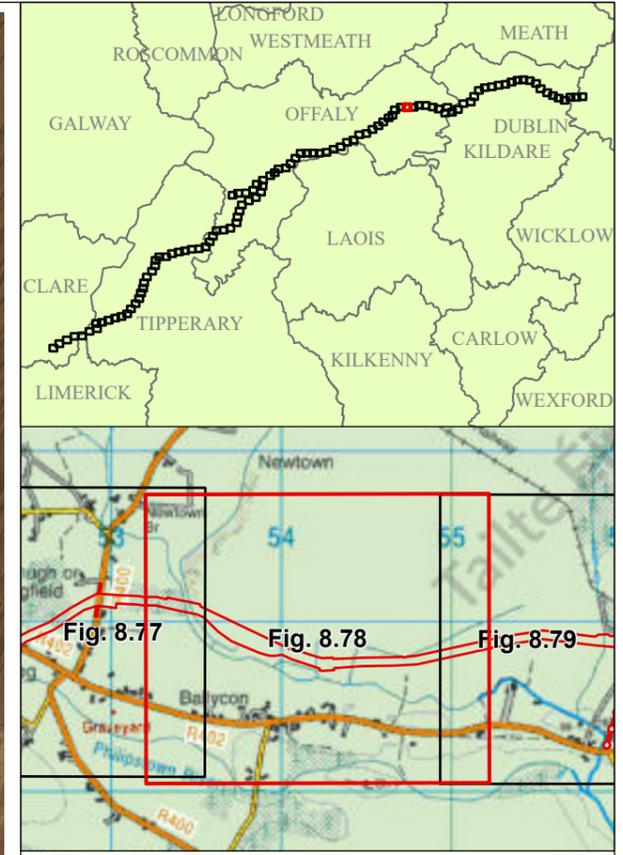
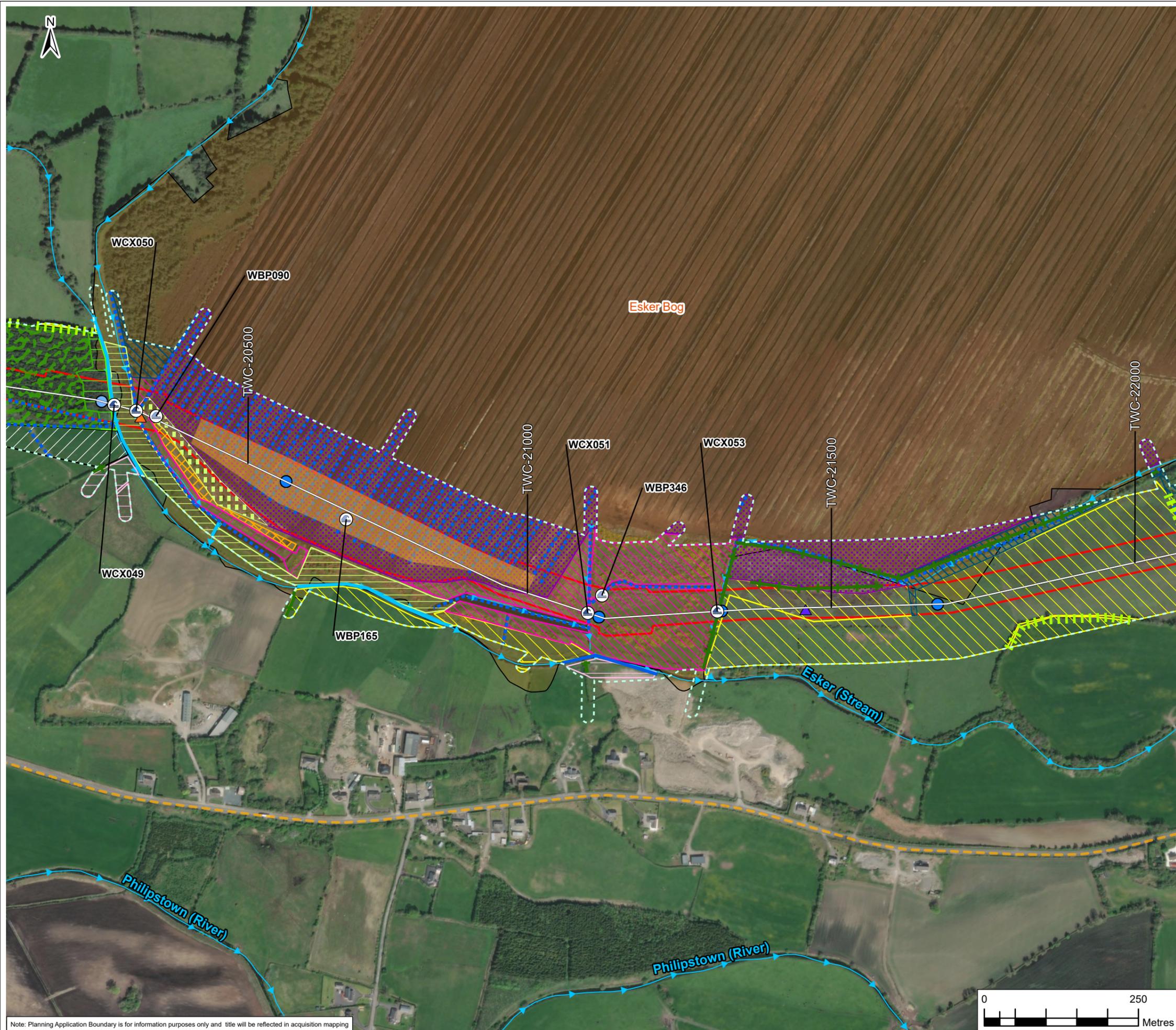
Drawing Status  
 Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1402	
File Path	W:\GIS\MapDocs\32105801\32105801_700_1402_MapDocs\32105801_700_1402.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tailte Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





**Legend**

Planning Application Boundary	Watercourse Crossing (WBP – drains)
Indicative Pipeline	Rivers/Streams
Study Area	Bord na Móna - bogs
Haul Roads	Bog Drainage Ditches
Washout Valve (WA)	<b>Invasive Species</b>
Washout Valve (WB)	Canadian waterweed
Watercourse Crossing (WCX – EPA mapped)	Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.78  
 Habitat and Flora Map  
 Sheet 75 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1404	
File Path	W:\GIS\Projects\0300_DublinWaterSupply\Project\0300_0000_Maps\0300_0313_0300_0313.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Taitte Éireann Surveying  
 World Imagery: Microsoft, Vantor

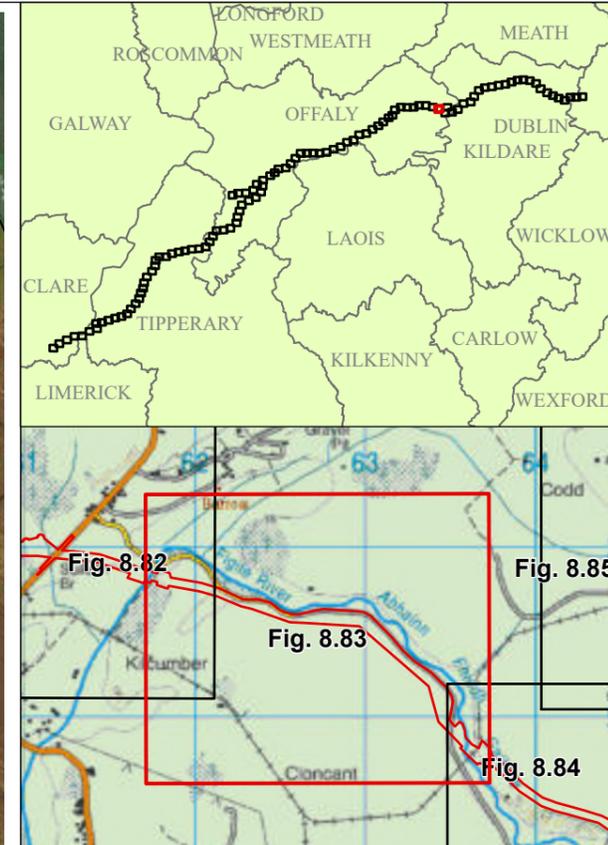
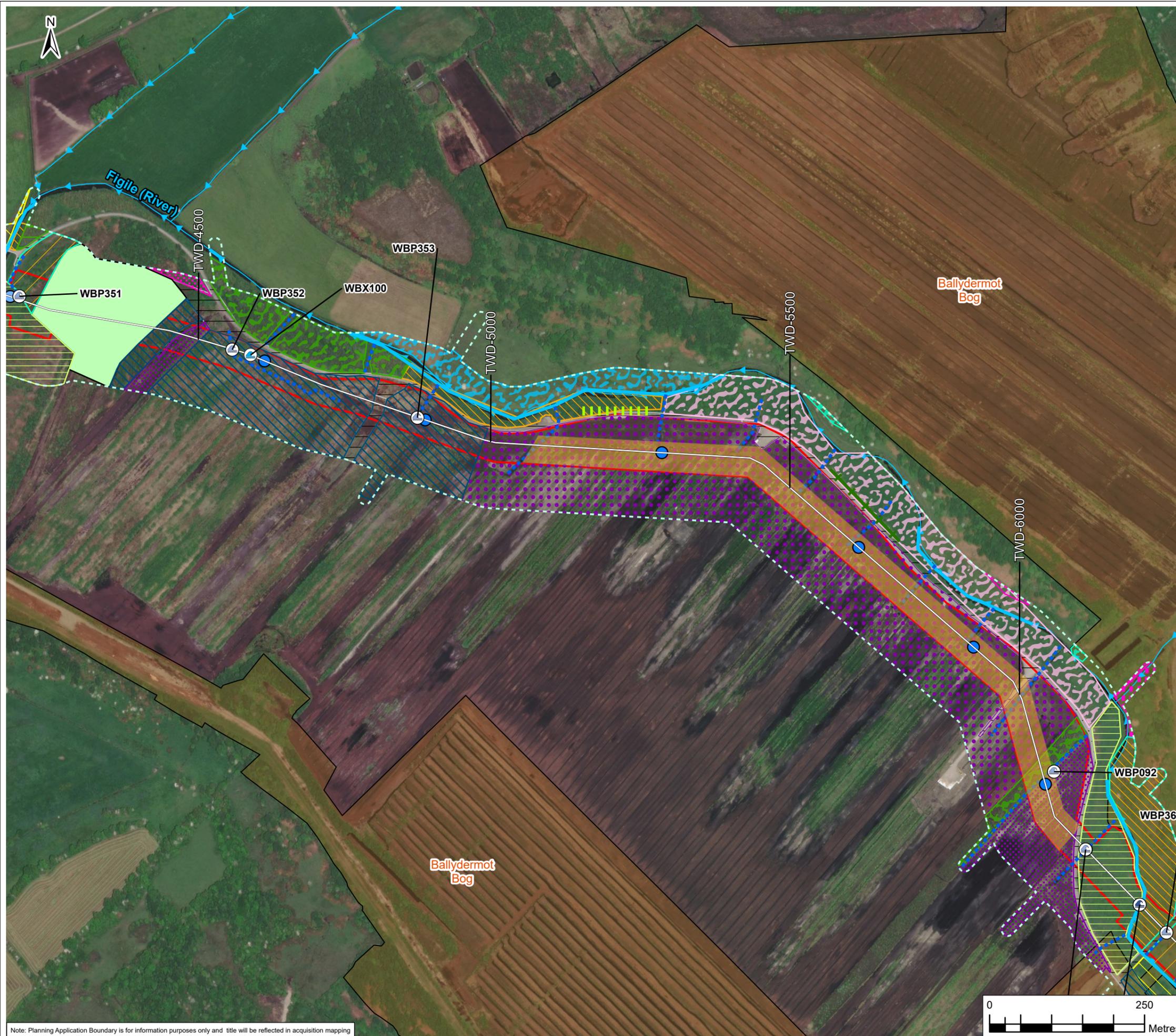
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.











**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WA)
- Washout Valve (WB)
- Watercourse Crossing (WCX – EPA mapped)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams
- Bord na Móna - bogs
- Bog Drainage Ditches
- Survey data see legend on page 1
- RW-xxx - Raw Water Chainage
- TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				

**JACOBS TOBIN**

Client: **Uisce Éireann** / **Tionscadal Soláthair Uisce Water Supply Project**

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

Drawing Title: **Figure 8.83 Habitat and Flora Map Sheet 80 of 105**

Drawing Status: **Final - Planning Application**

Scale @ A3: **1:6,000** | **DO NOT SCALE**

JACOBS No. **32105801**

Client No. **9318**

Drawing No. **32105801/700/1409**

File Path: W:\GIS\Map\0800\_DublinNewSupply\Project\0800\_Map\0800\_DP3\_0800\_DP3.1.aprx

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

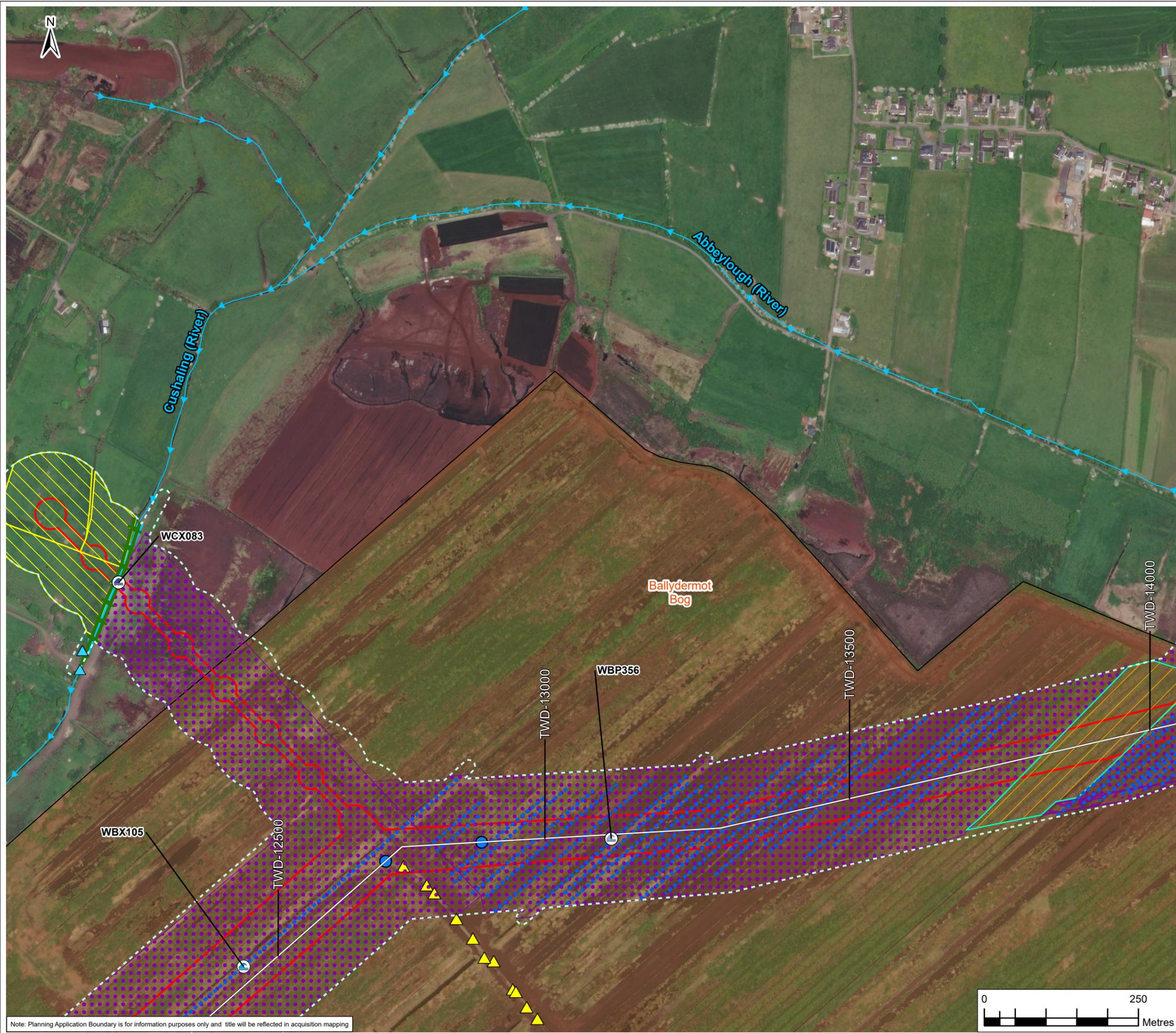
Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



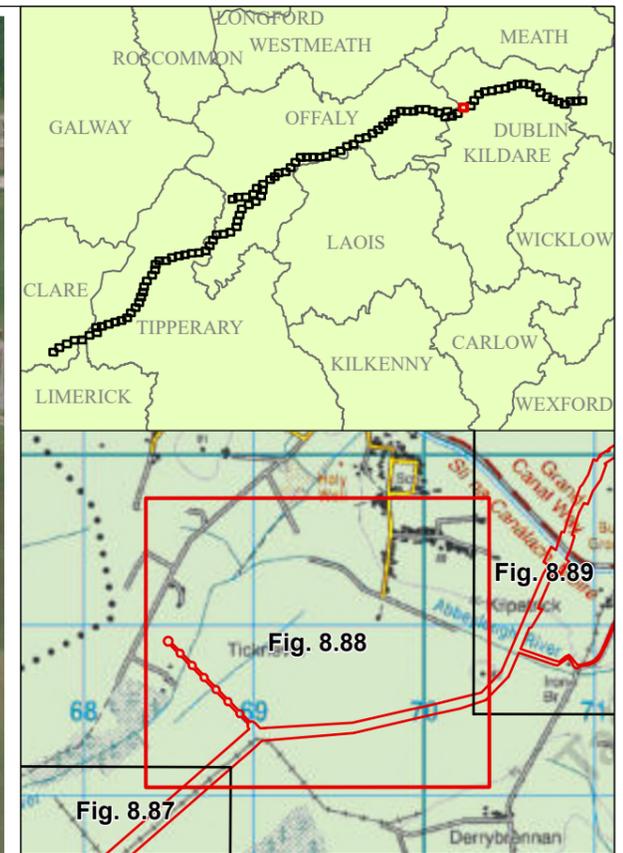








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



- Legend**
- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Washout Valve (WB)
  - Watercourse Crossing (WCX - EPA mapped)
  - Watercourse Crossing (WBX - streams)
  - Watercourse Crossing (WBP - drains)
  - Rivers/Streams
  - Bord na Móna - bogs
  - ▲ Invasive Species
  - ▲ Himalayan balsam
  - ▲ Rare Protected Flora
  - ▲ Basil thyme

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

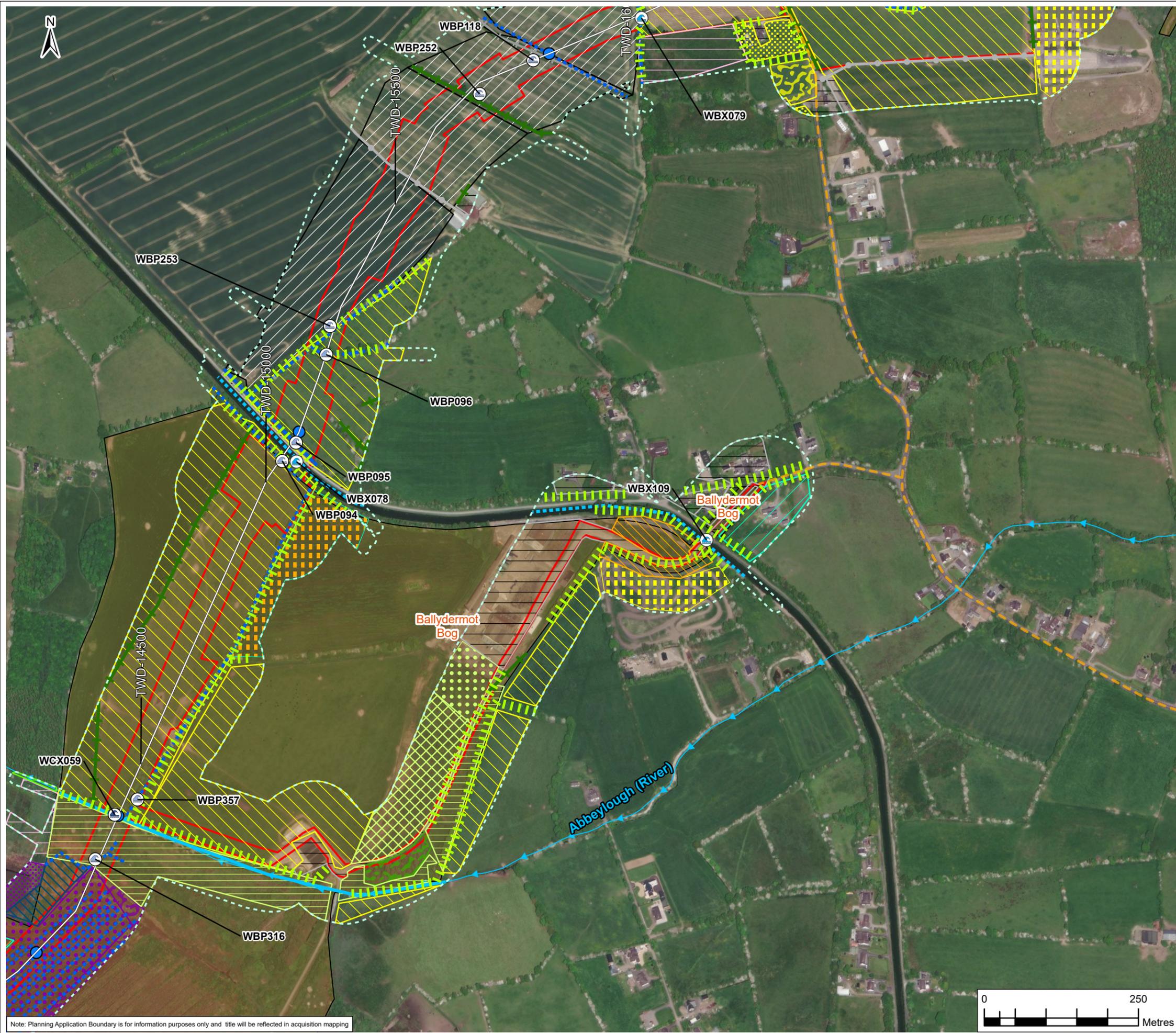
Drawing Title  
 Figure 8.88  
 Habitat and Flora Map  
 Sheet 85 of 105

Drawing Status  
 Final - Planning Application

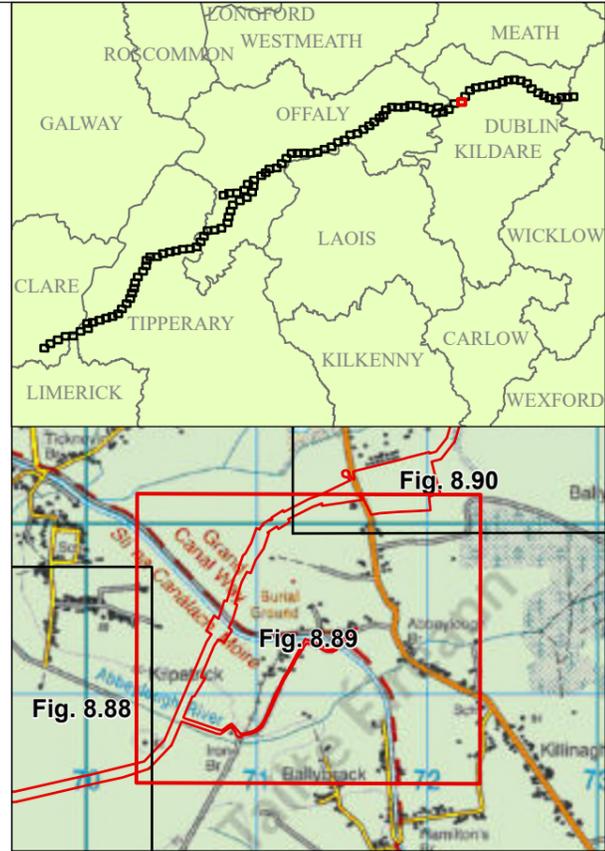
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1414	
File Path	W:\GIS\Map\0880_DublinWaterSupplyProject\0880_0880_Map\0880_DFS\0880_DFS1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tailte Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WCX – EPA mapped)
- ⊕ Watercourse Crossing (WBX – streams)
- ⊖ Watercourse Crossing (WBP – drains)
- Rivers/Streams
- Bord na Móna - bogs

Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.89  
Habitat and Flora Map  
Sheet 86 of 105

---

Drawing Status

Final - Planning Application

---

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1415	
File Path	W:\GIS\Map\0800_DublinNewSupply\Project\Rev\0800_Map\0800_DP3\0800_DP3.dwg	

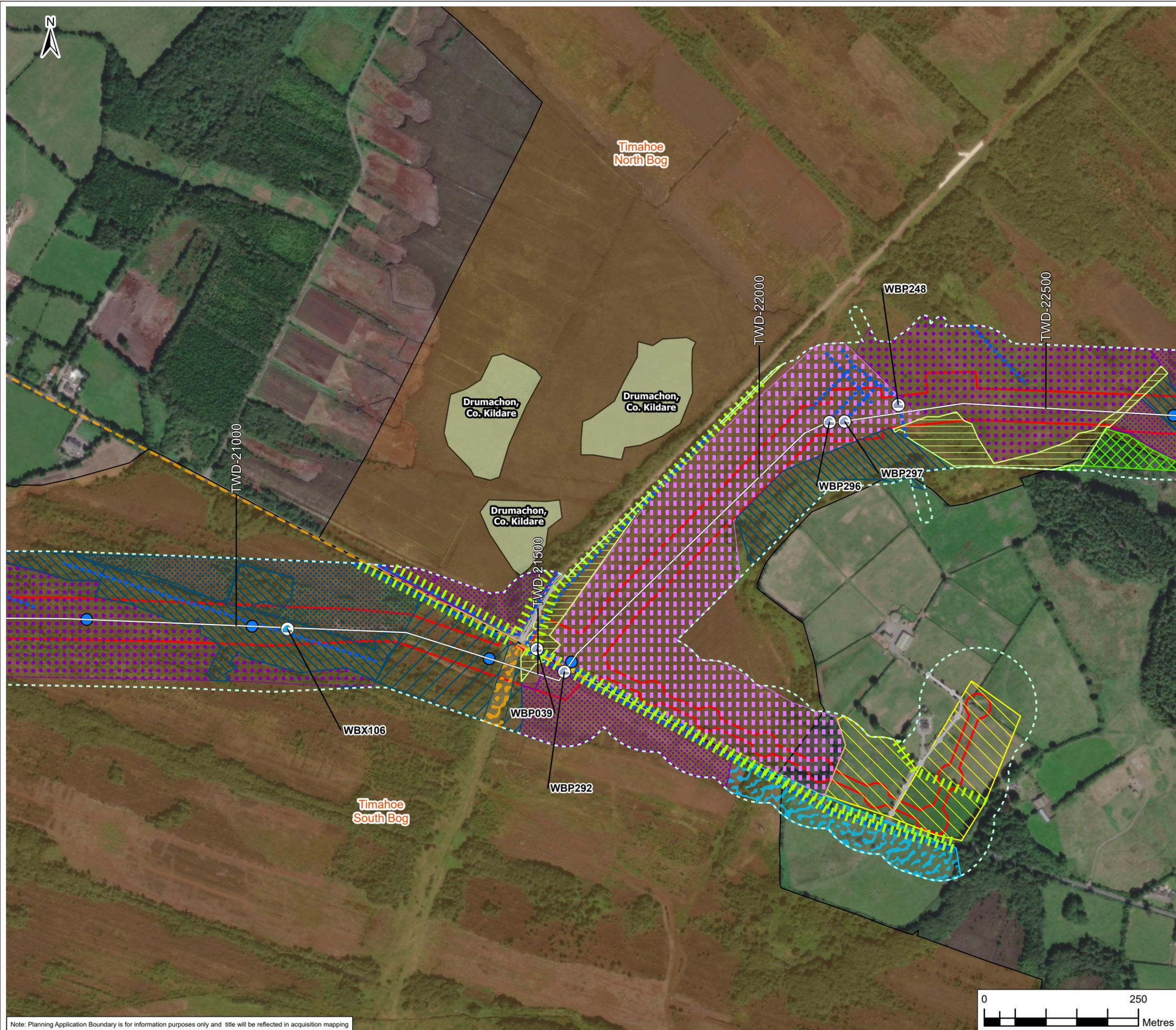
---

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

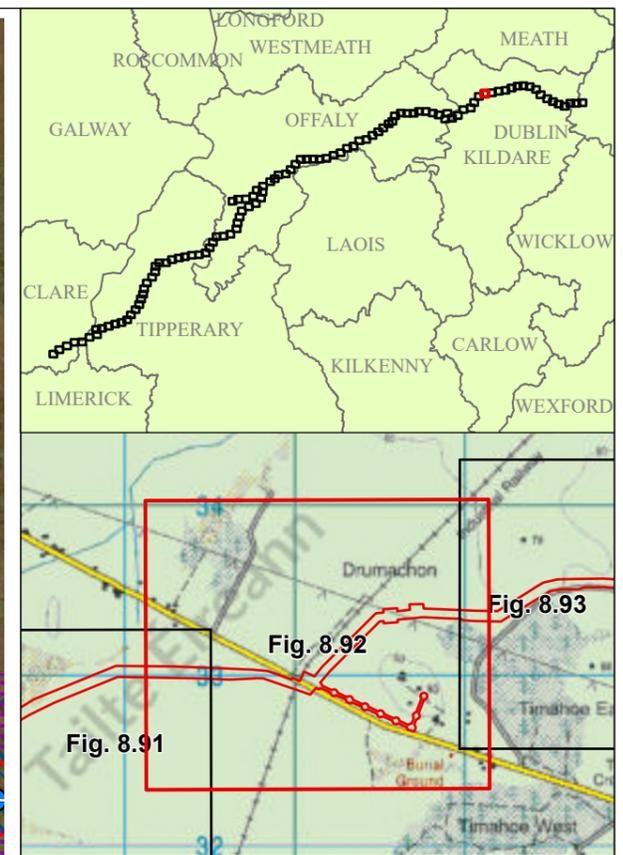
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Bord na Móna - bogs

**Annex I Habitats**

- Active raised bog (7110)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.92  
Habitat and Flora Map  
Sheet 89 of 105

Drawing Status

Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1418	
File Path	W:\GIS\MapDocs\32105801_Design\WaterSupply\Project\Fig8.92_890_32105801_DFS_0000_013.1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Taitte Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

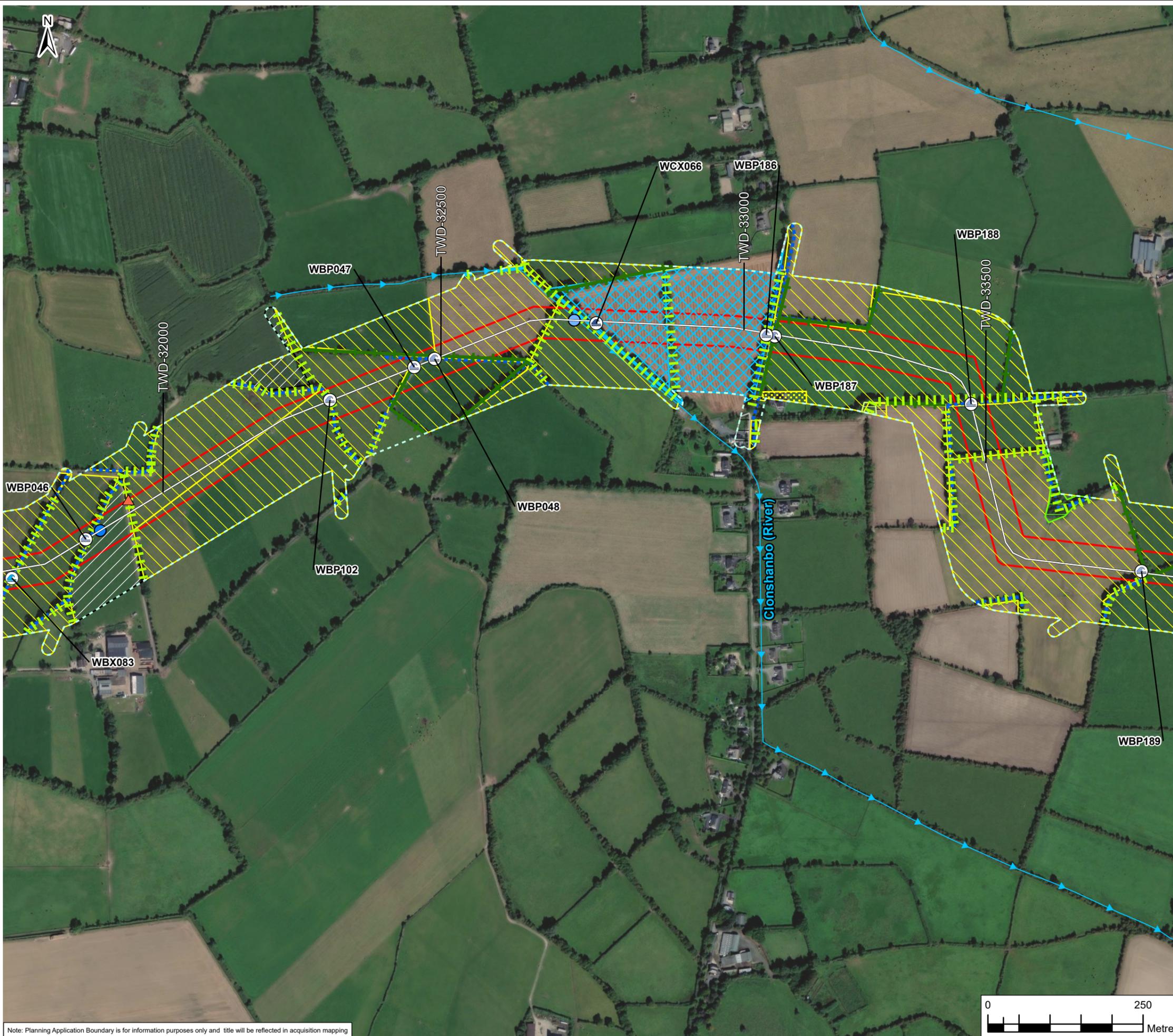




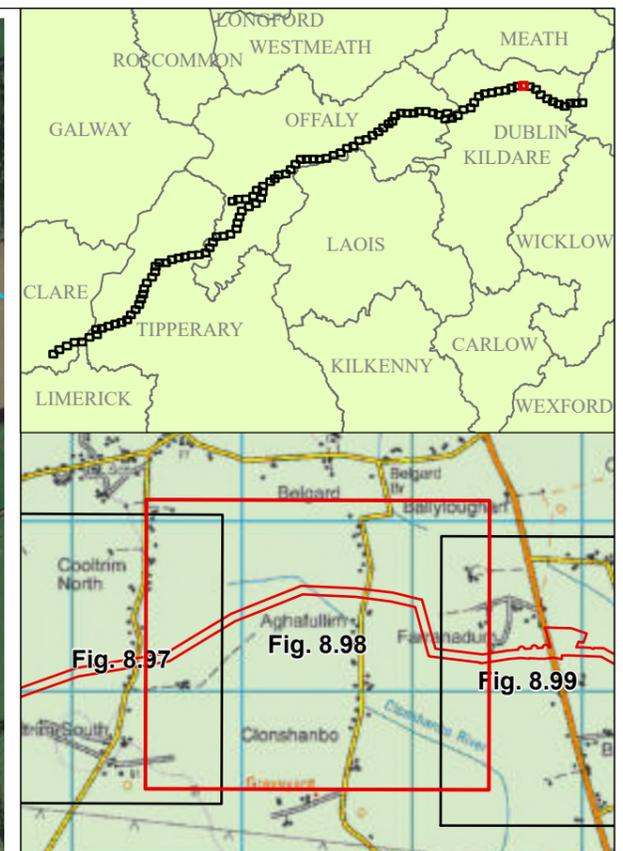








Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Washout Valve (WA)
- Washout Valve (WB)
- ⊗ Watercourse Crossing (WCX – EPA mapped)
- ⊗ Watercourse Crossing (WBX – streams)
- ⊗ Watercourse Crossing (WBP – drains)
- Rivers/Streams

**Invasive Species**

- ▲ Butterfly bush

**Survey data see legend on page 1**

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.98  
Habitat and Flora Map  
Sheet 95 of 105

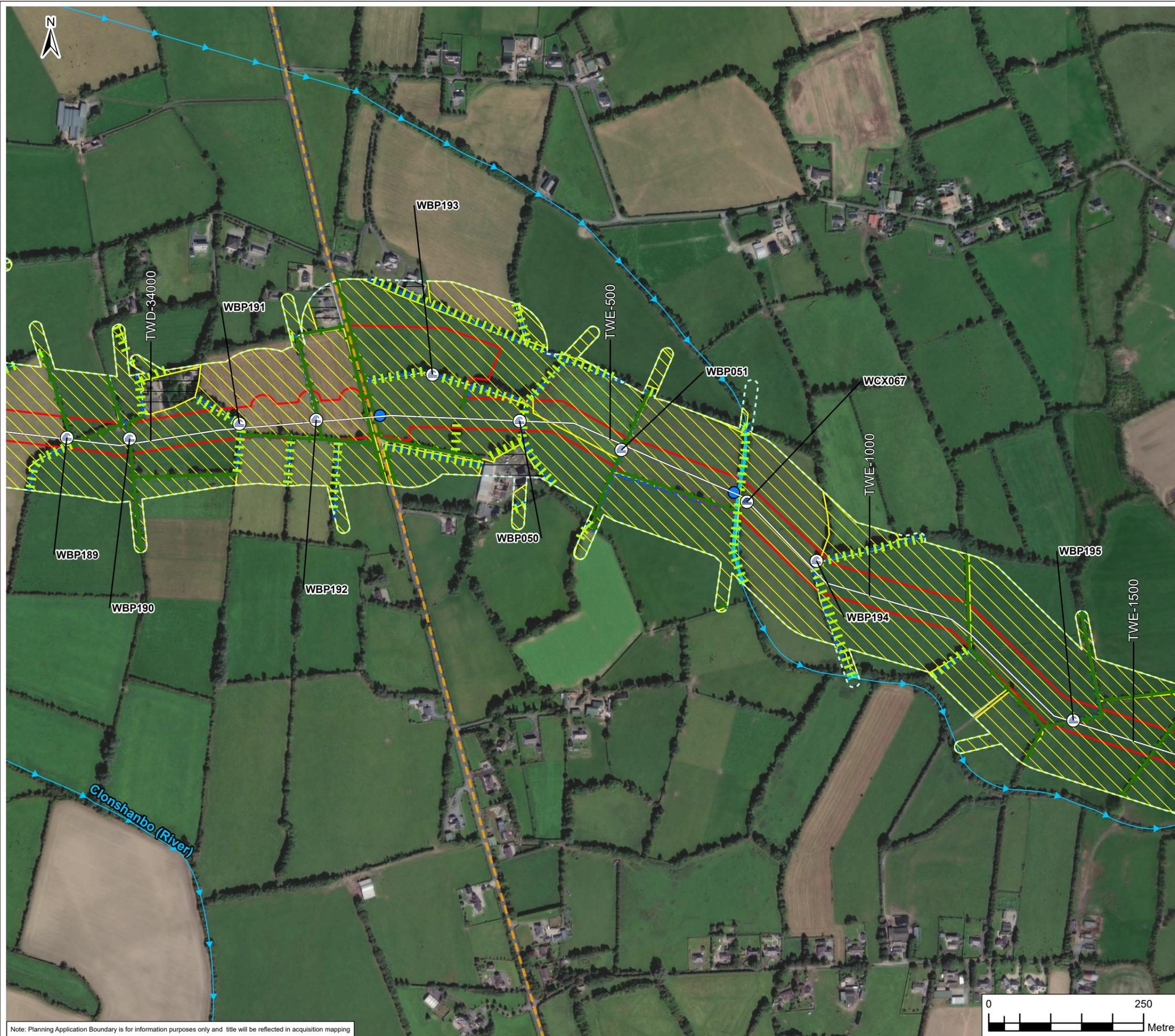
Drawing Status

Final - Planning Application

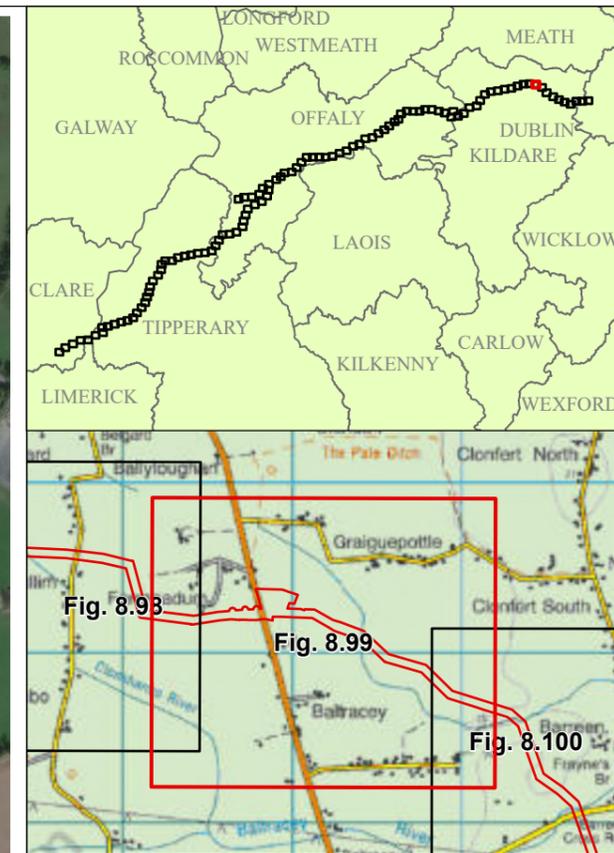
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1424	
File Path	W:\GIS\Map\32105801_DublinWaterSupply\Project\CD\32105801_Map\32105801_DFS_1.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Haul Roads
  - Washout Valve (WB)
  - ⊗ Watercourse Crossing (WCX – EPA mapped)
  - ⊕ Watercourse Crossing (WBP – drains)
  - Rivers/Streams
- Survey data see legend on page 1  
 RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.99  
 Habitat and Flora Map  
 Sheet 96 of 105

Drawing Status  
 Final - Planning Application

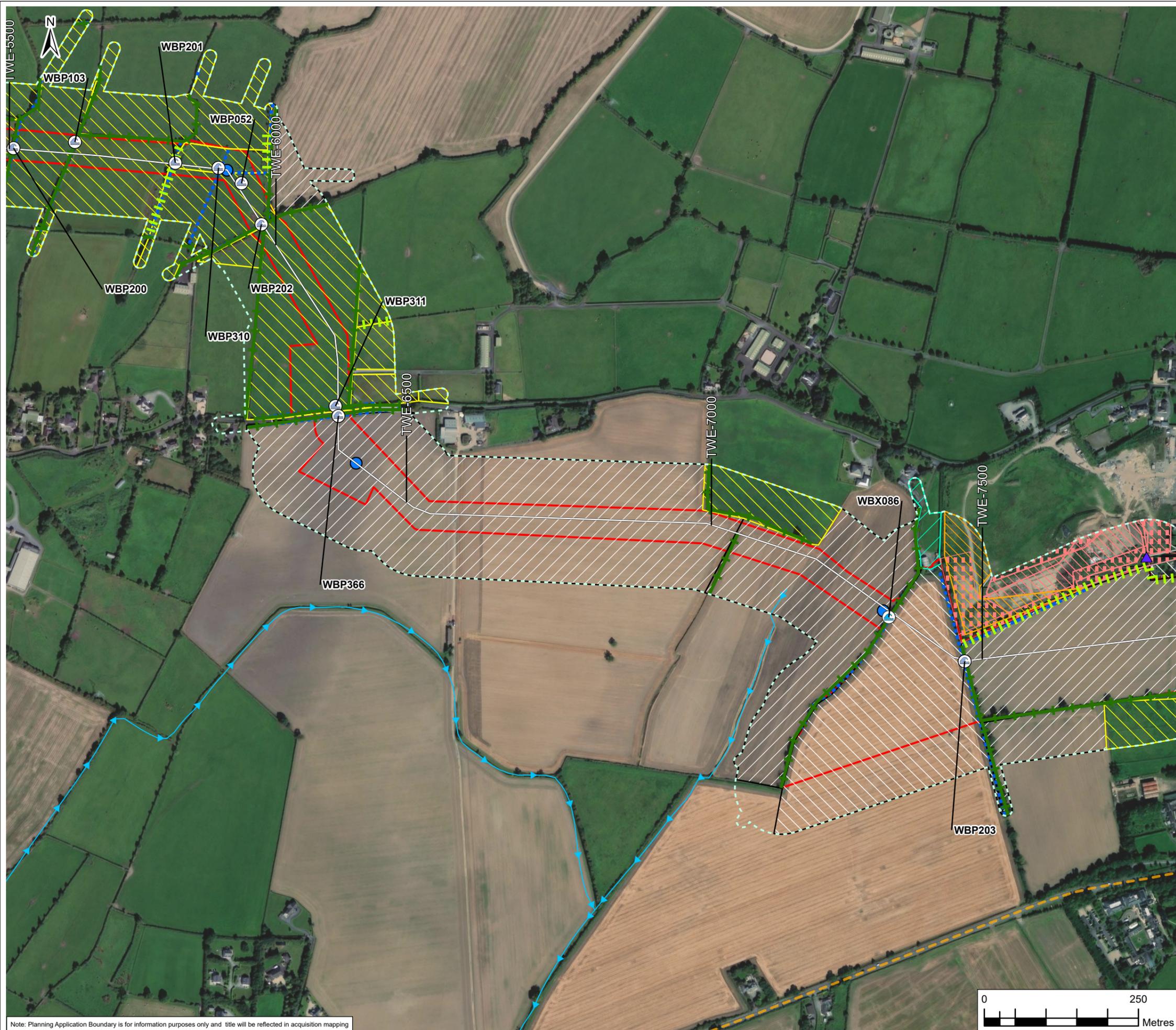
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1425	
File Path	W:\GIS\MapDocs\32105801_DublinRawSupply\Project\CD\32105801_MapDocs\32105801_Draft_1.aprx	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor

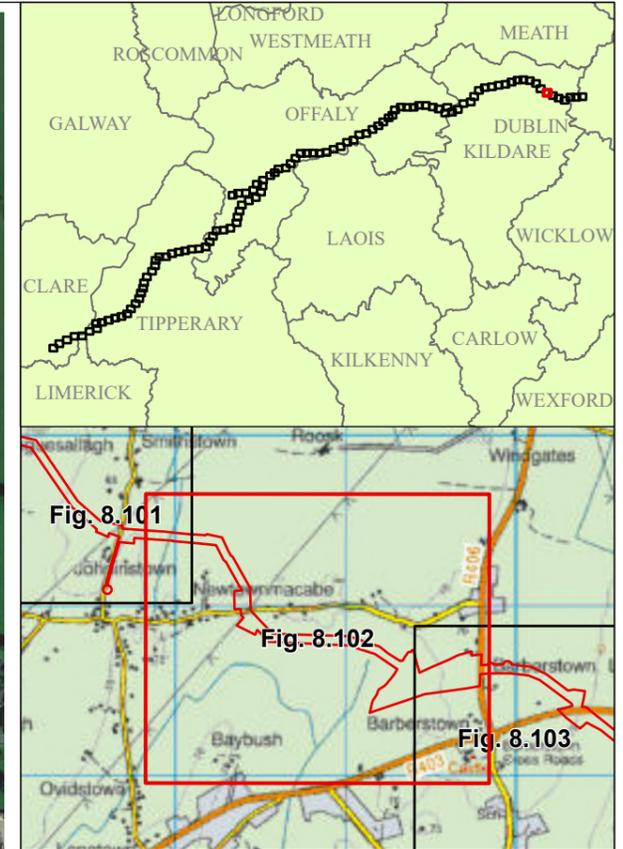
© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Watercourse Crossing (WBX – streams)
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

**Invasive Species**

- Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TWE-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	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 8.102 Habitat and Flora Map Sheet 99 of 105**

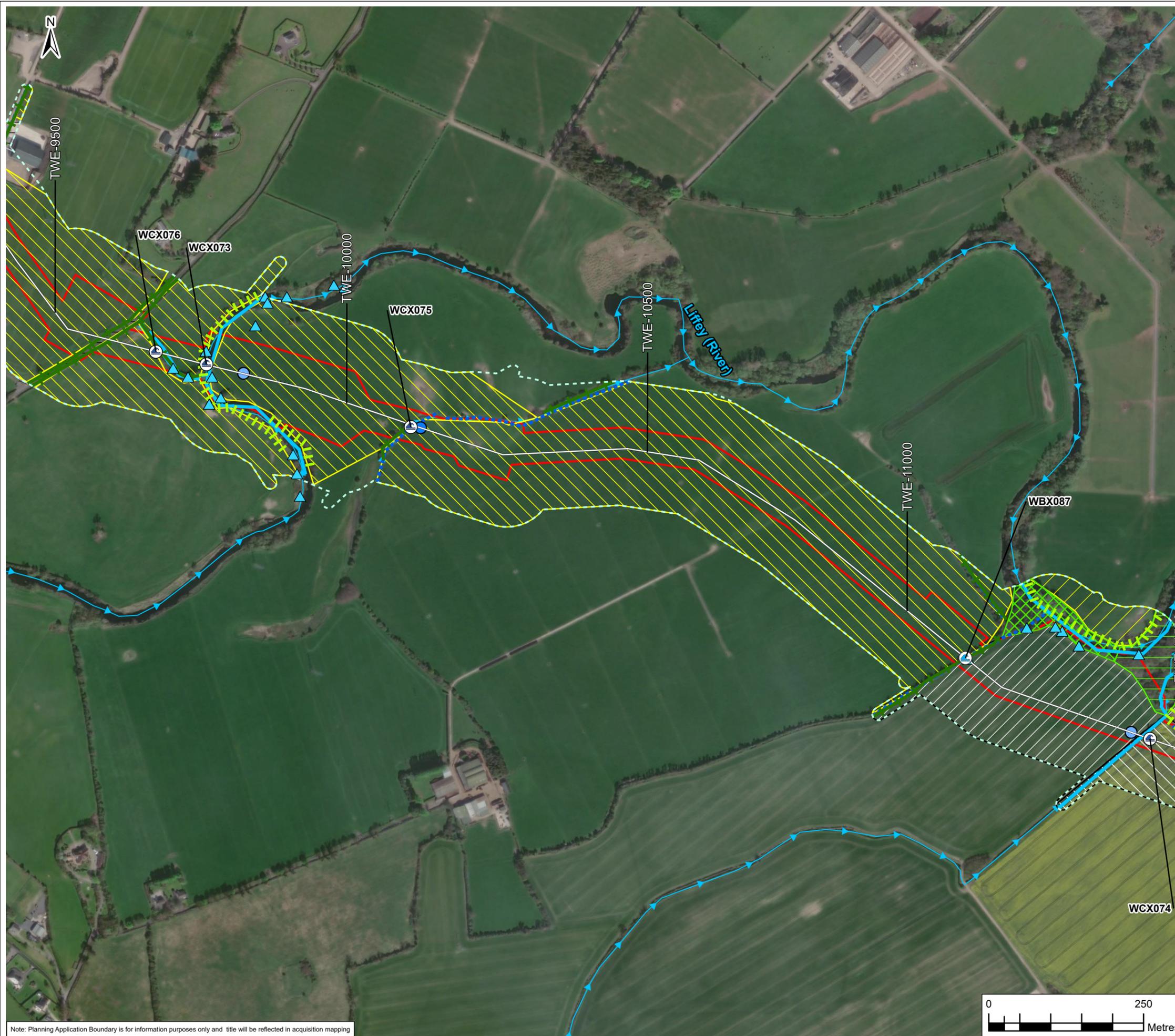
Drawing Status: **Final - Planning Application**

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1428	
File Path	W:\GIS\Map\0800_DublinWaterSupply\Project\0800_000_Maps\0800_DP3_0800_DP3_1.aprx	

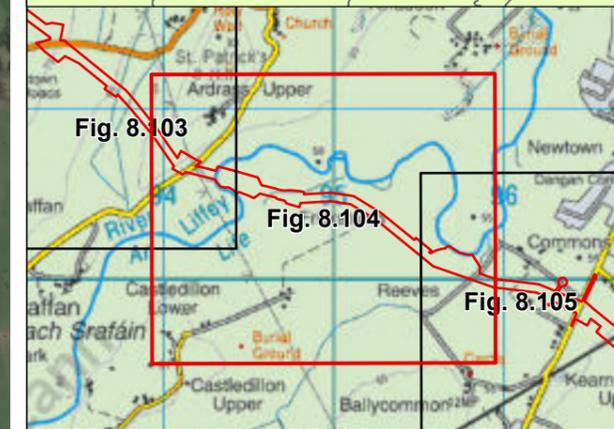
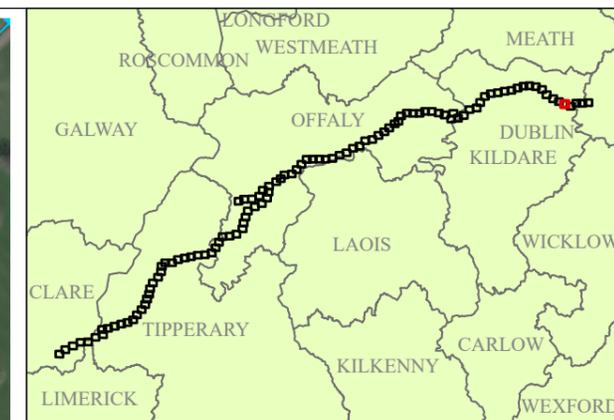
Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Taille Éreann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



- Legend**
- Planning Application Boundary
  - Indicative Pipeline
  - Study Area
  - Washout Valve (WA)
  - Washout Valve (WB)
  - ⊗ Watercourse Crossing (WCX – EPA mapped)
  - ⊗ Watercourse Crossing (WBX – streams)
  - Rivers/Streams

- Invasive Species**
- ▲ Himalayan balsam
- Survey data** see legend on page 1
- RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				

**Jacobs TOBIN**

**Client**

**Project**

Water Supply Project  
Eastern and Midlands Region

**Drawing Title**

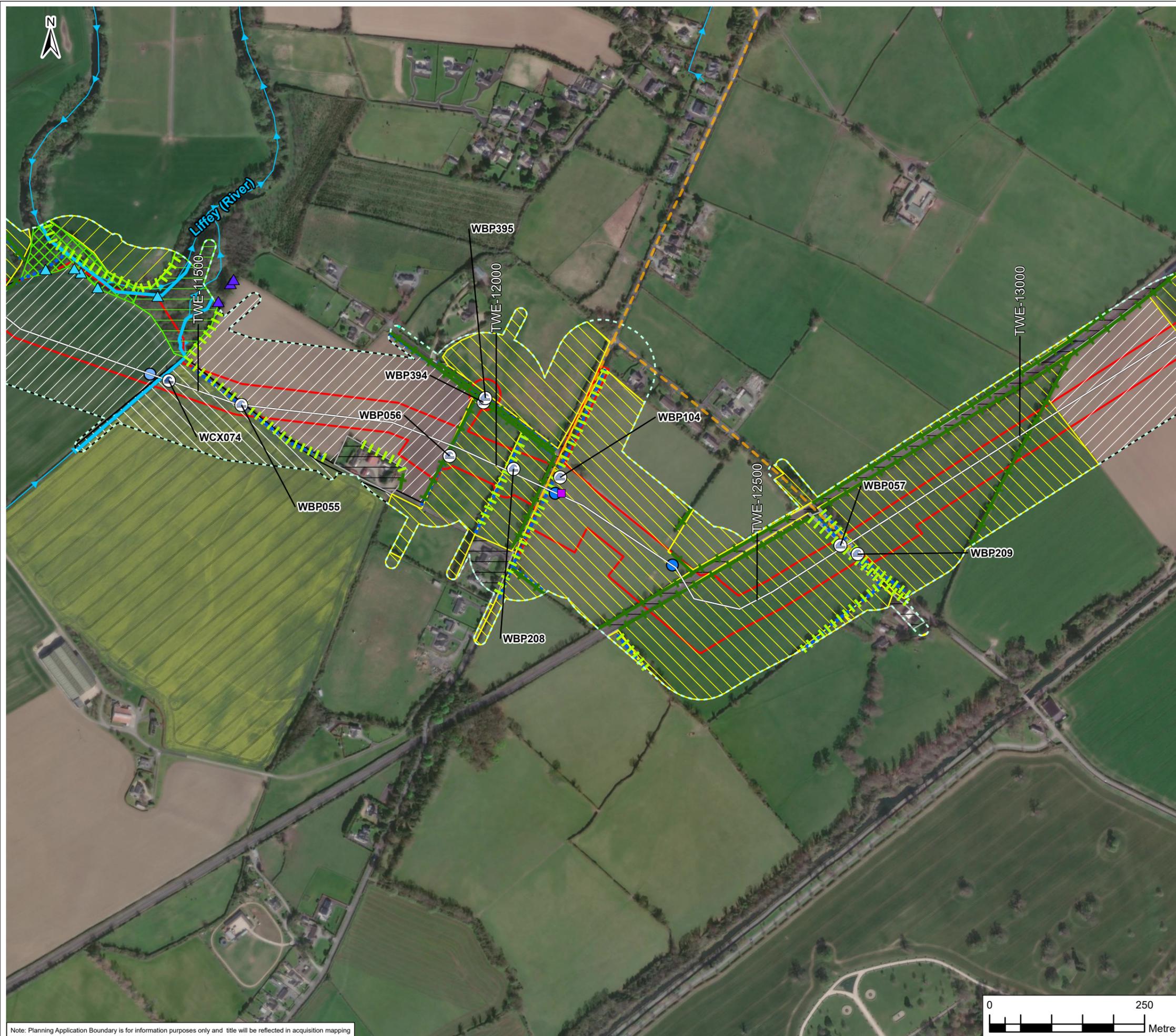
Figure 8.104  
Habitat and Flora Map  
Sheet 101 of 105

**Drawing Status** Final - Planning Application

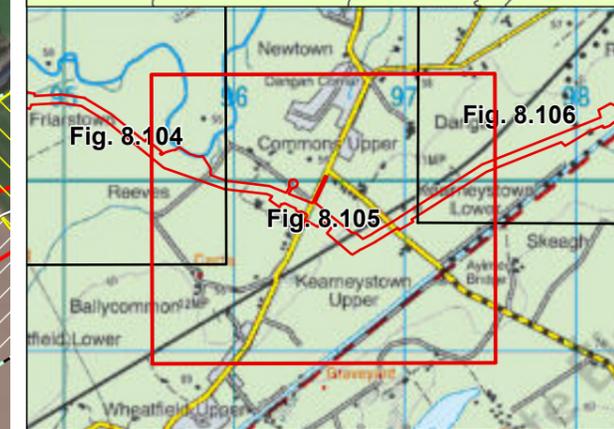
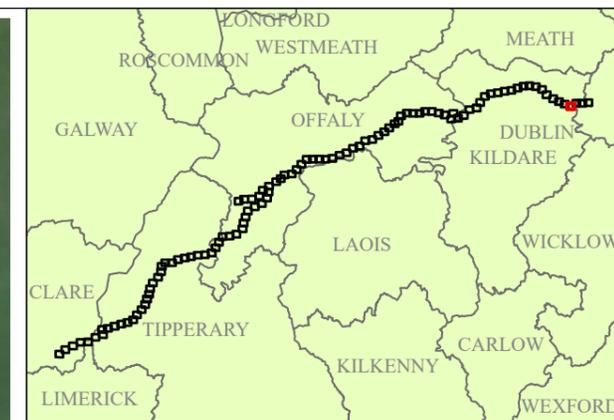
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1430	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Watercourse Crossing (WBP – drains)
Indicative Pipeline	Rivers/Streams
Study Area	Infrastructure Sites
Haul Roads	Flow Control Valve
Washout Valve (WA)	Invasive Species
Washout Valve (WB)	Himalayan balsam
Watercourse Crossing (WCX – EPA mapped)	Japanese knotweed

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
 TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

**Jacobs** **TOBIN**

Client

Project  
 Water Supply Project  
 Eastern and Midlands Region

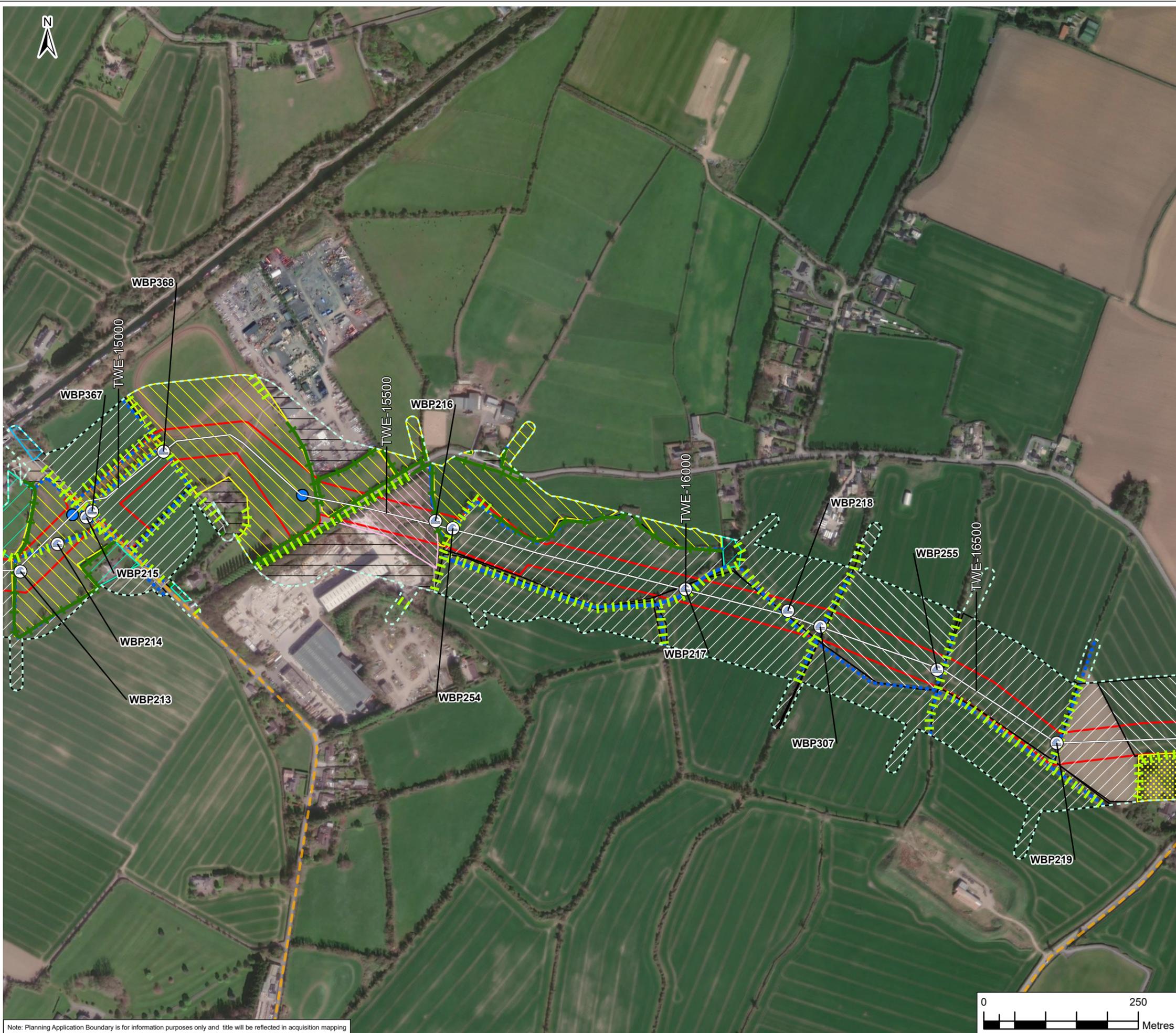
Drawing Title  
 Figure 8.105  
 Habitat and Flora Map  
 Sheet 102 of 105

Drawing Status  
 Final - Planning Application

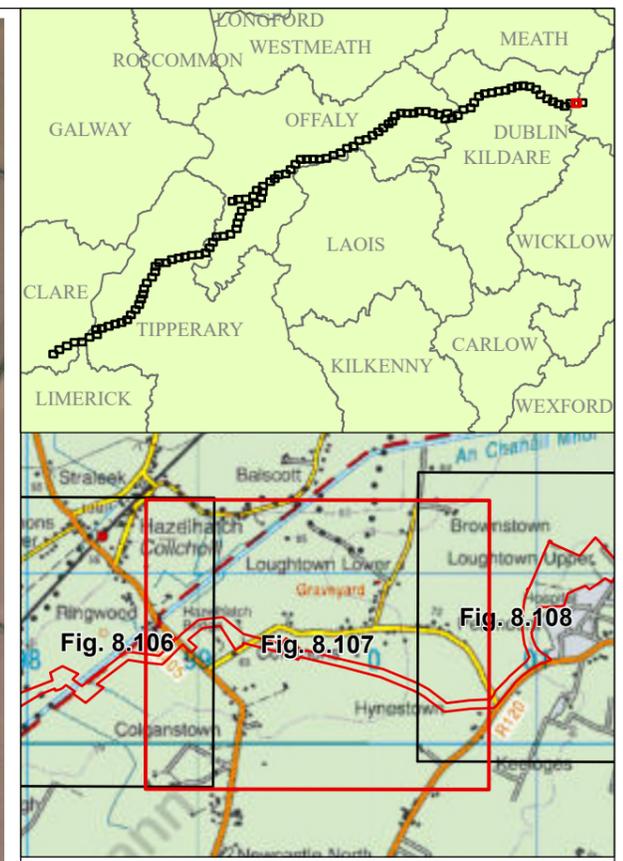
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1431	
File Path	W:\GIS\Map\0200_DublinWaterSupply\Project\0200_0000_Maps\0200_0210_0200_0210.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
 MapGenie Discovery ITM: © Tallie Éireann Surveying  
 World Imagery: Microsoft, Vantor  
 © Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indicative Pipeline
- Study Area
- Haul Roads
- Washout Valve (WB)
- Watercourse Crossing (WBP – drains)

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	SP	LK	SN	SW
F03	19/11/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Client:

Project: Water Supply Project  
Eastern and Midlands Region

Drawing Title: Figure 8.107  
Habitat and Flora Map  
Sheet 104 of 105

Drawing Status: Final - Planning Application

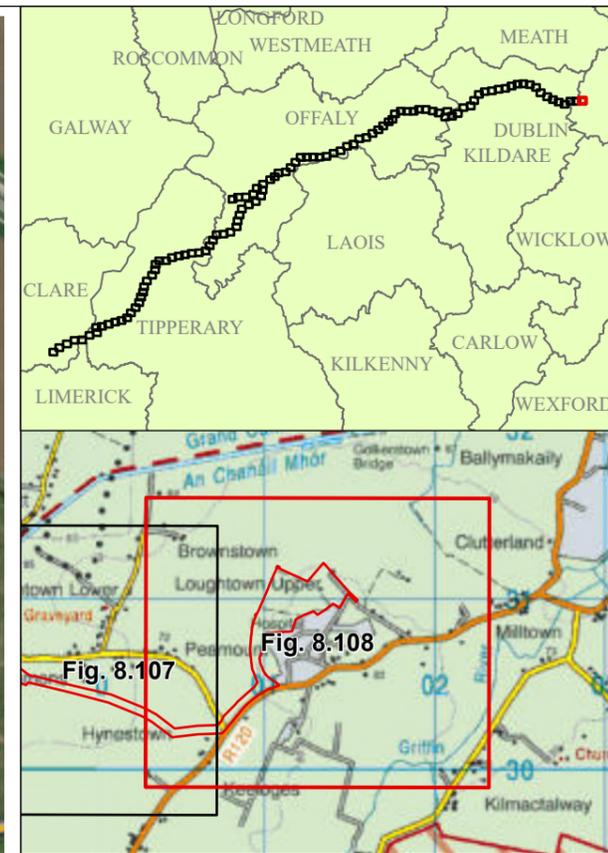
Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1433	
File Path	W:\GIS\Map\0200_Database\Supply\Project\0200_000_Maps\0200_0213_0000_0213.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water.  
MapGenie Discovery ITM: © Taitte Éireann Surveying  
World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



**Legend**

- Planning Application Boundary
- Indivative Pipeline
- Study Area
- Haul Roads
- Watercourse Crossing (WBP – drains)
- Rivers/Streams

**Infrastructure Sites**

- Termination Point Reservoir

Survey data see legend on page 1

RW-xxx - Raw Water Chainage  
TW-xxx - Treated Water Chainage

F03	19/11/25	Final - Planning Application	SP	LK	SN	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**Jacobs TOBIN**

Client: Uisce Éireann, Tionscald Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 8.108 Habitat and Flora Map Sheet 105 of 105

Drawing Status: Final - Planning Application

Scale @ A3	1:6,000	DO NOT SCALE
Jacobs No.	32105801	
Client No.	9318	
Drawing No.	32105801/700/1434	
File Path	W:\GIS\Map\0200_DublinWaterSupply\Project\0200_0000_Map\0200_0213_0000_0213.dwg	

Copyright © Ordnance Survey Ireland. Licence number 3/3/34/Irish Water. MapGenie Discovery ITM: © Tallie Éireann Surveying World Imagery: Microsoft, Vantor

© Copyright 2024 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.