

Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.35
 Methods of Construction

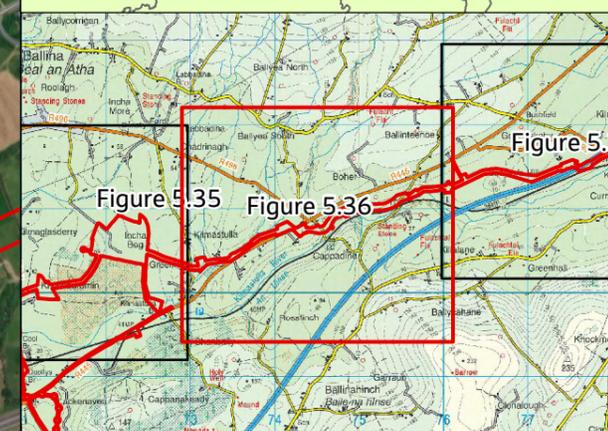
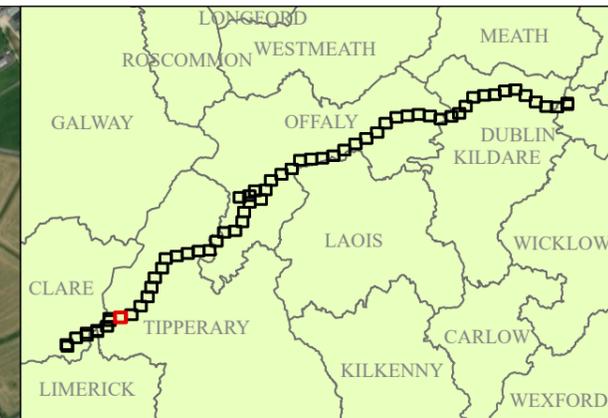
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 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/07035	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 3 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

Jacobs TOBIN

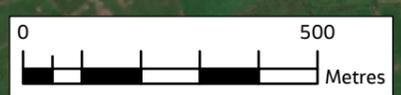
Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.36
 Methods of Construction

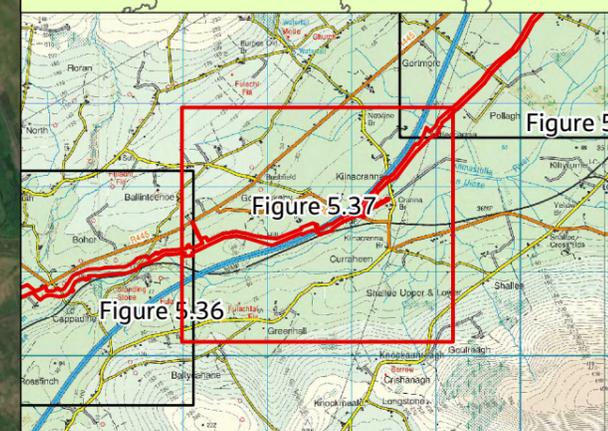
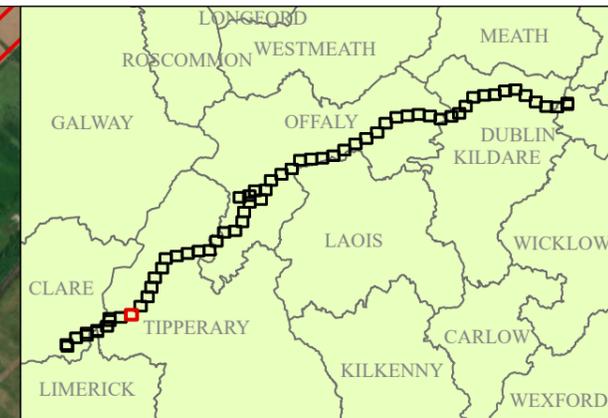
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Client No.	9318	
Drawing No.	32105801/700/07036	
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Legend

Planning Application Boundary	Peat (source: Teagasc)
Air Valve	Proposed Construction Method 0 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 3 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client

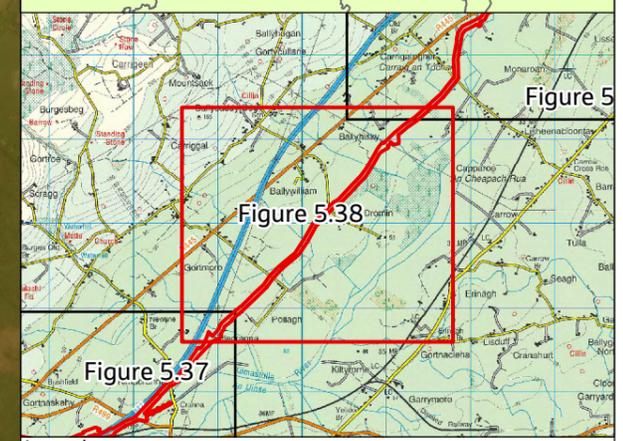
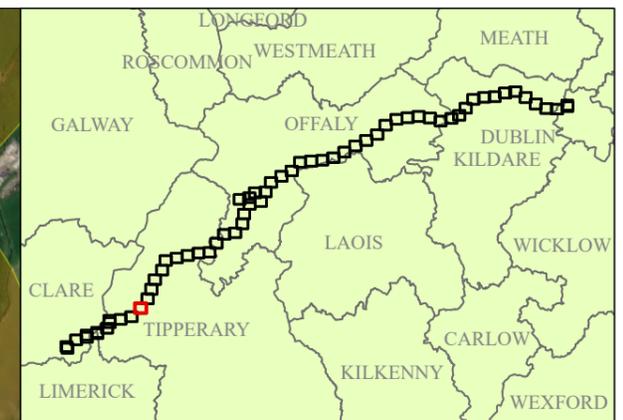
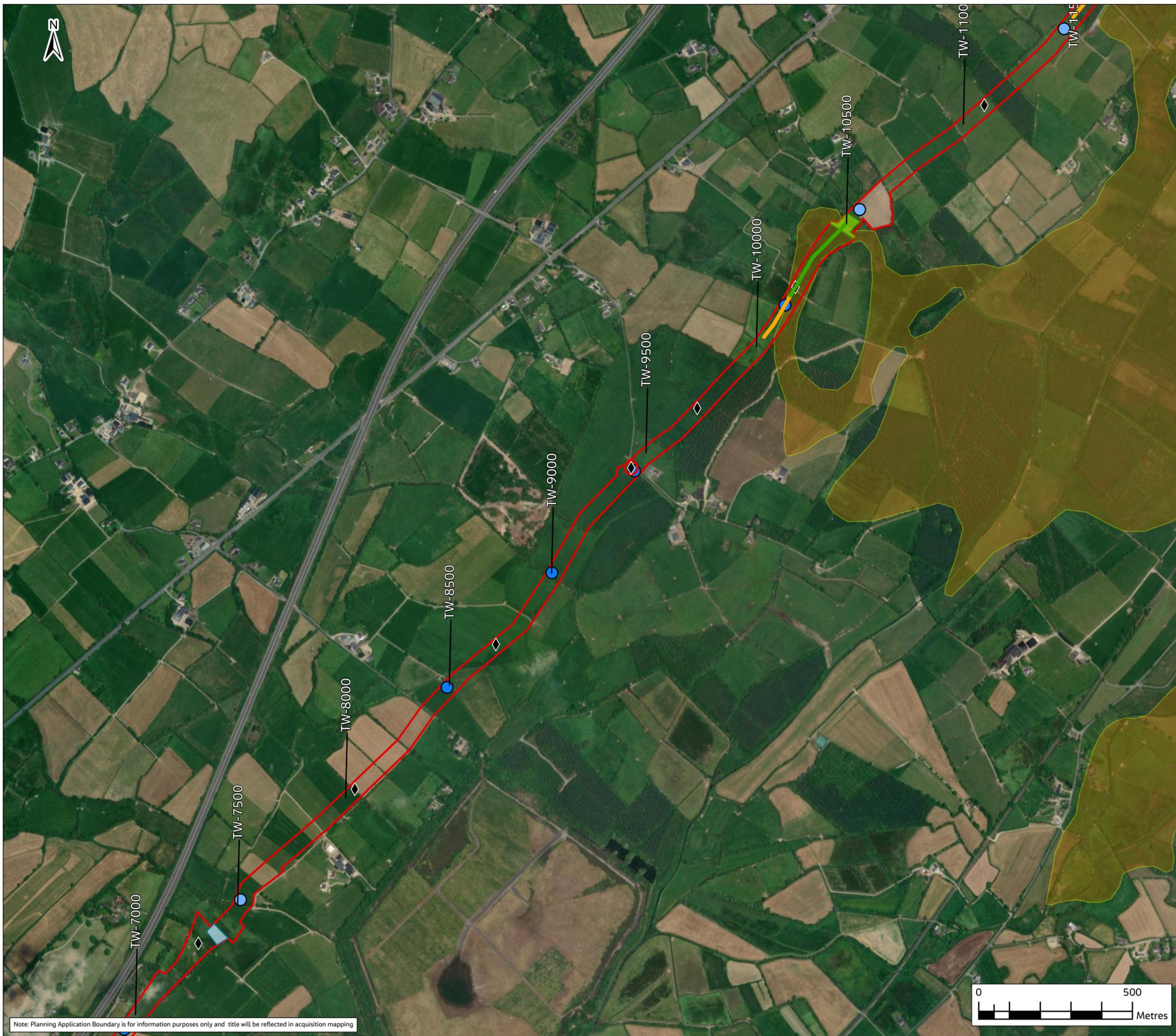
Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.37
 Methods of Construction

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Client No.	9318		
Drawing No.	32105801/700/07037		
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing	Peat (source: Teagasc)

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

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Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.38
 Methods of Construction

Drawing Status	Final - Planning Application		
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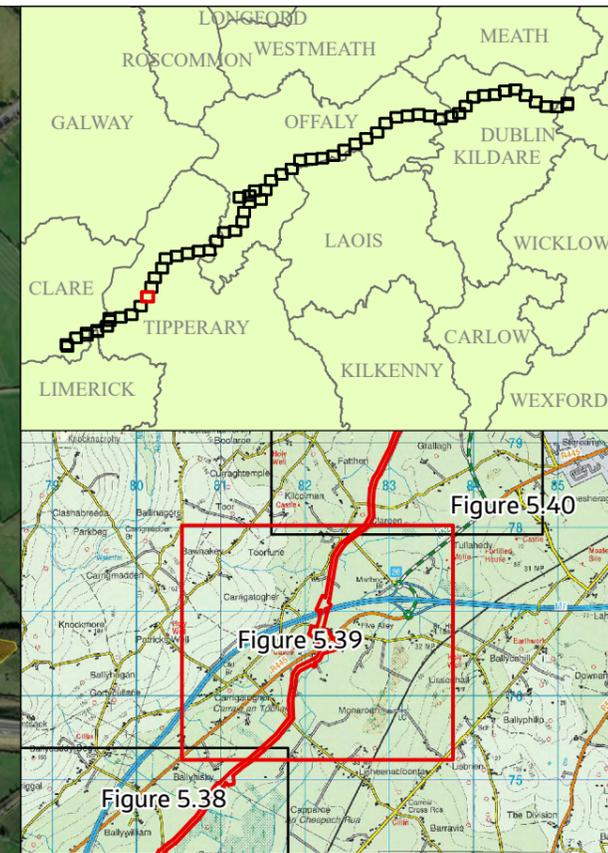


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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

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Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.39
Methods of Construction

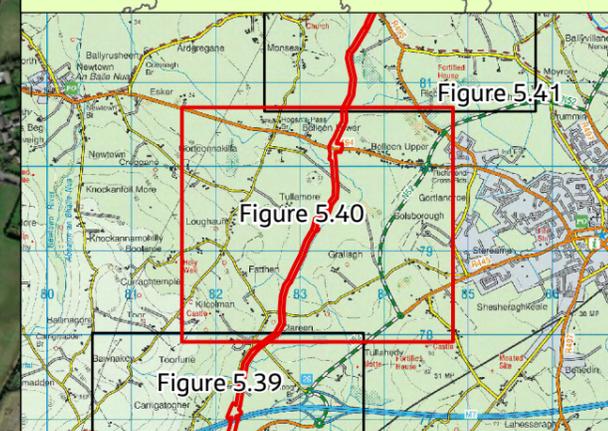
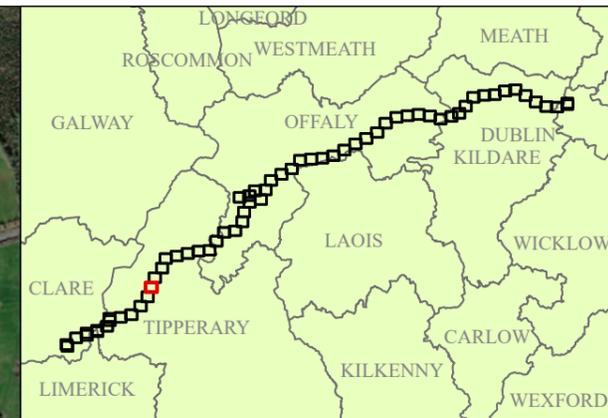
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Final - Planning Application

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Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.40
 Methods of Construction

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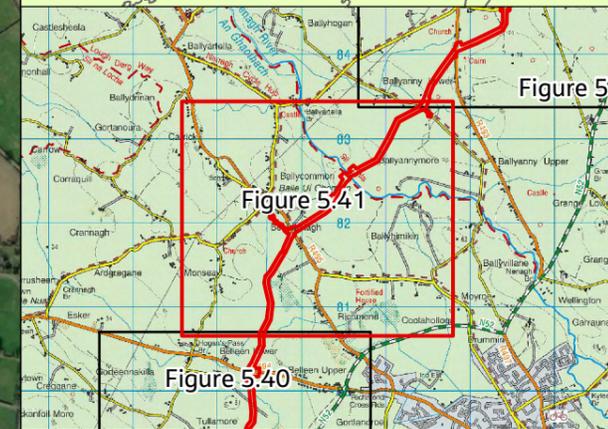
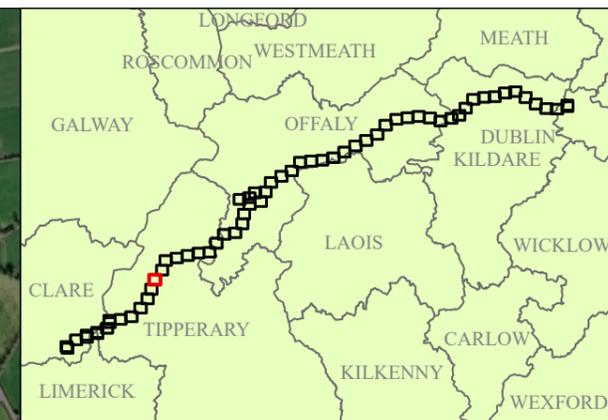
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



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



Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	Peat (source: Teagasc)

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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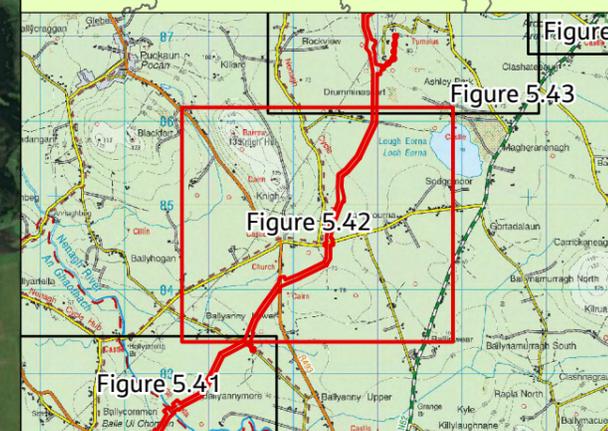
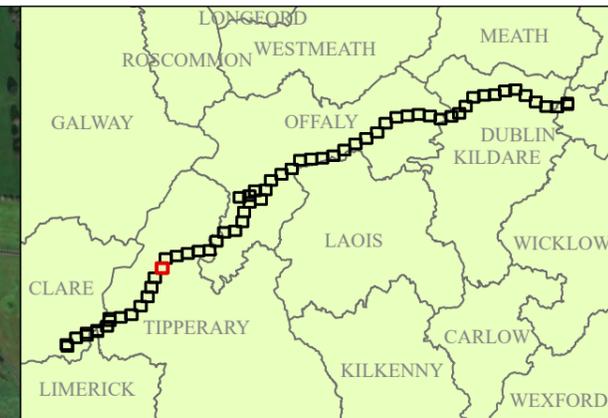
Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.41
 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
Drawing No.	32105801/700/07041		
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Legend

- Planning Application Boundary
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation
- ◆ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

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Client

Project
Water Supply Project
Eastern and Midlands Region

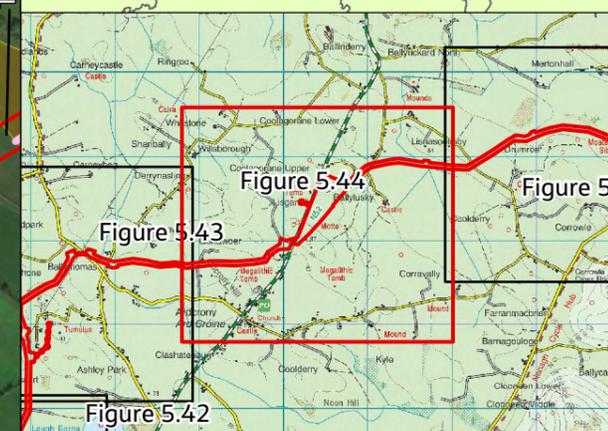
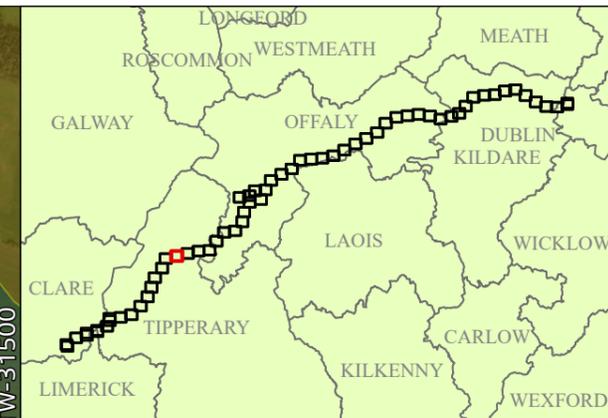
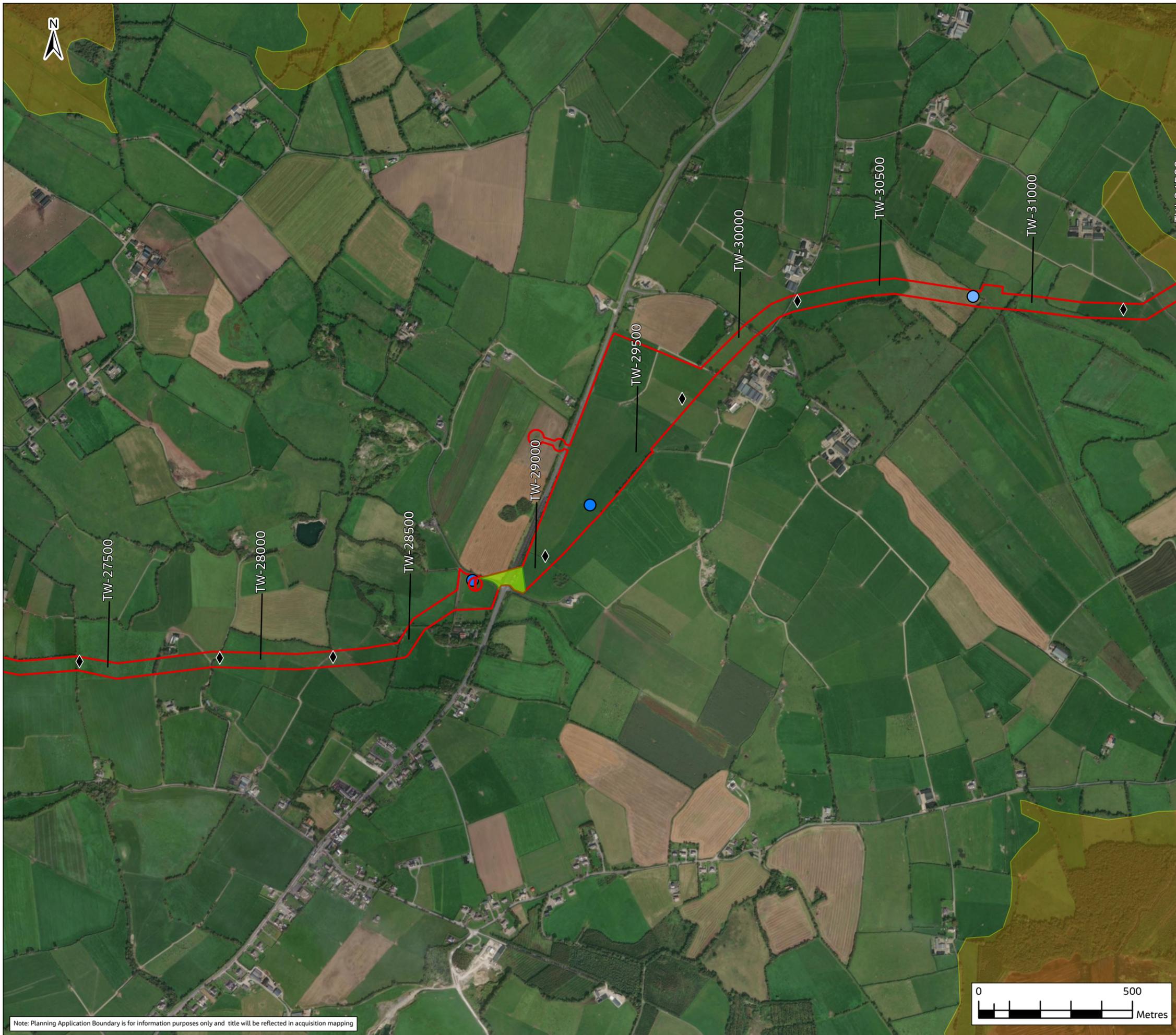
Drawing Title
Figure 5.42
Methods of Construction

Drawing Status: Final - Planning Application

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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.44
 Methods of Construction

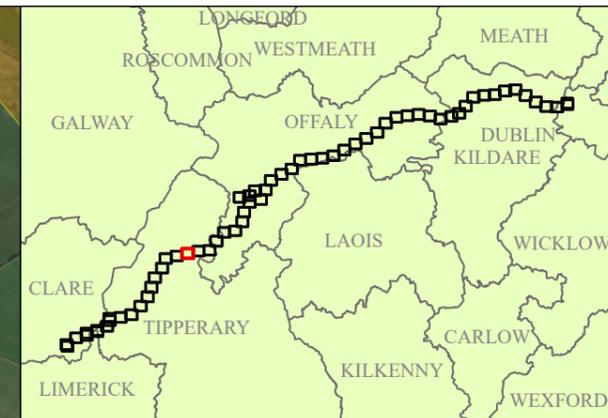
Drawing Status
 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/07044	
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
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Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.45
 Methods of Construction

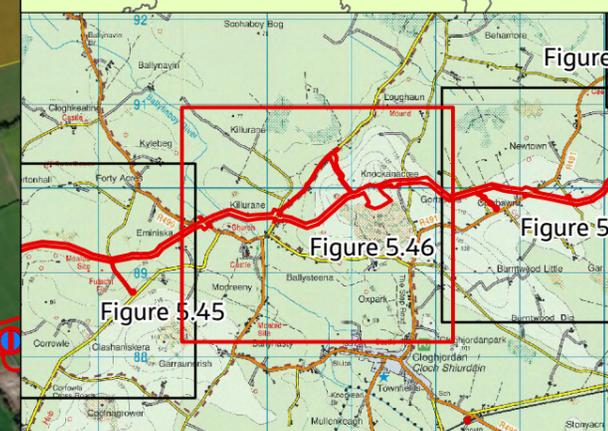
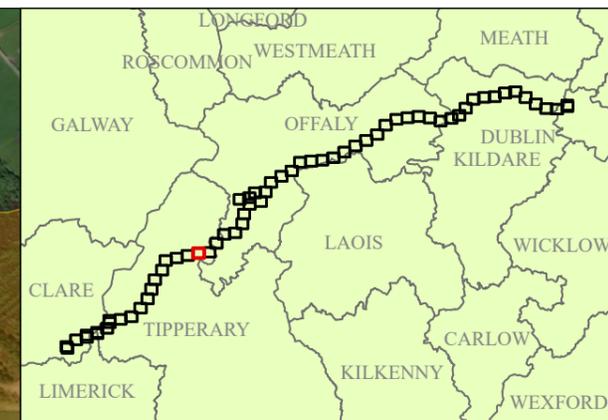
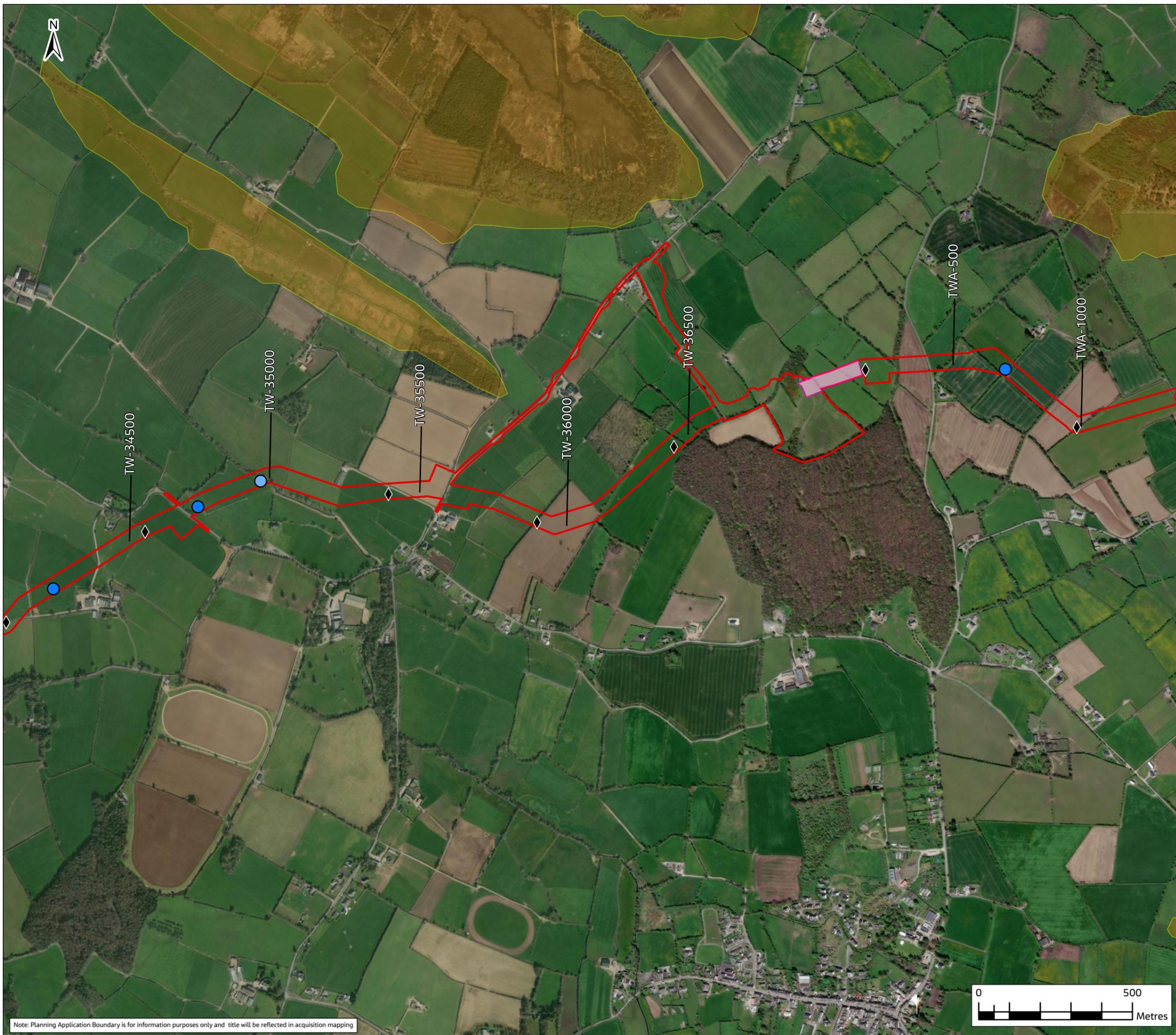
Drawing Status
 Final - Planning Application

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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	
Peat (source: Teagasc)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.46
 Methods of Construction

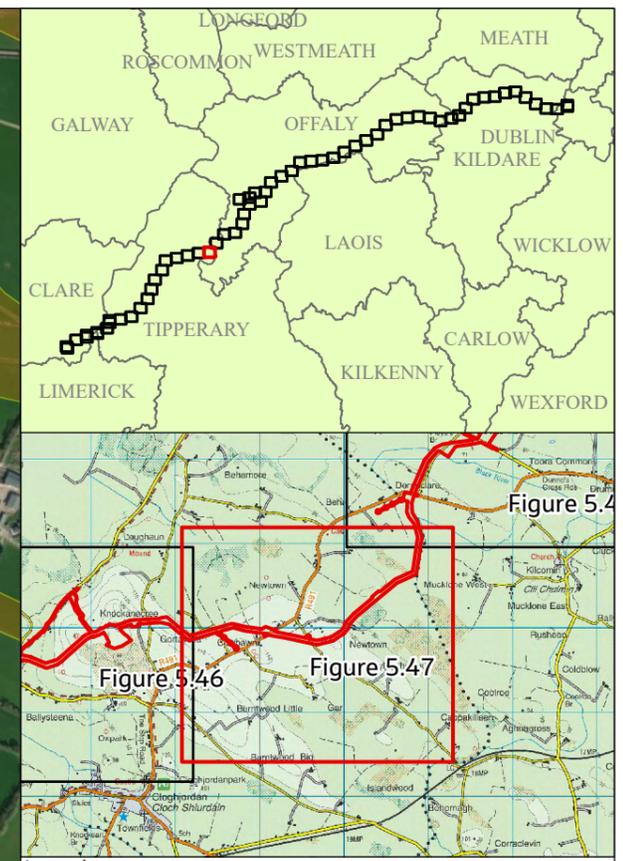
Drawing Status
 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/07046	
File Path	\\gblh01b01102\proj\32105801_700_07046\GIS\05 - Construction and Commissioning\Construction of Pipeline in Peat - Water.swp	



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

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Legend

- Planning Application Boundary
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.47
 Methods of Construction

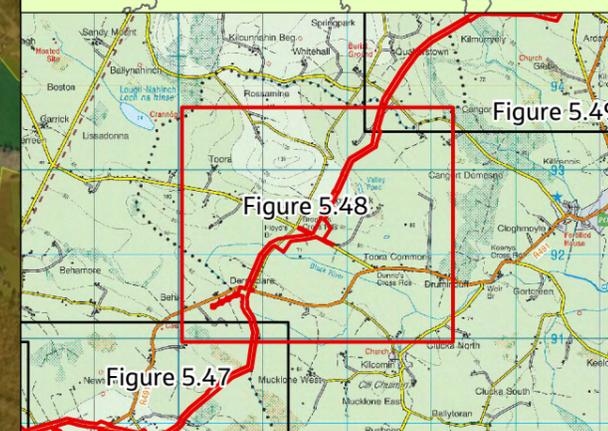
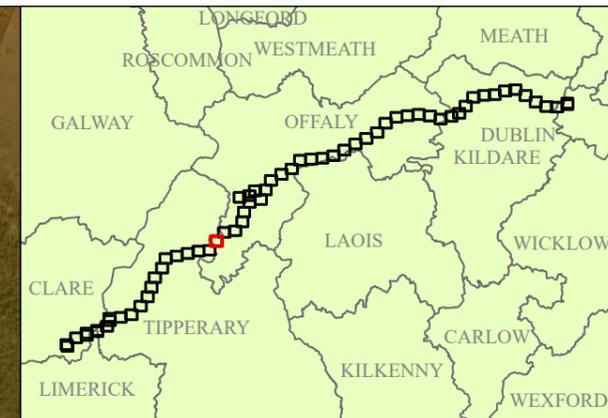
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project
 Water Supply Project
 Eastern and Midlands Region

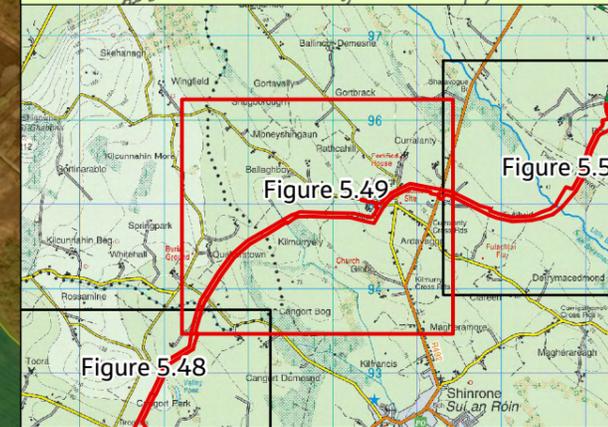
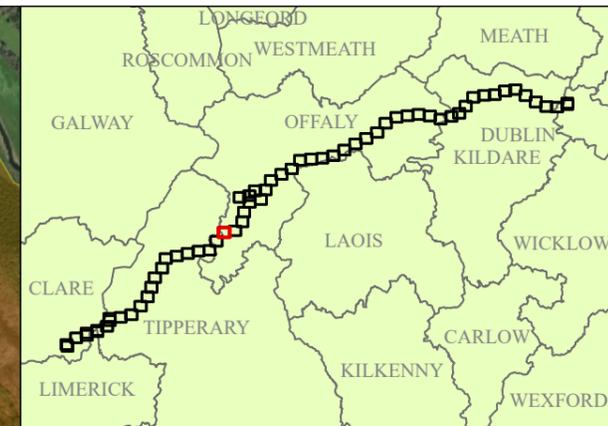
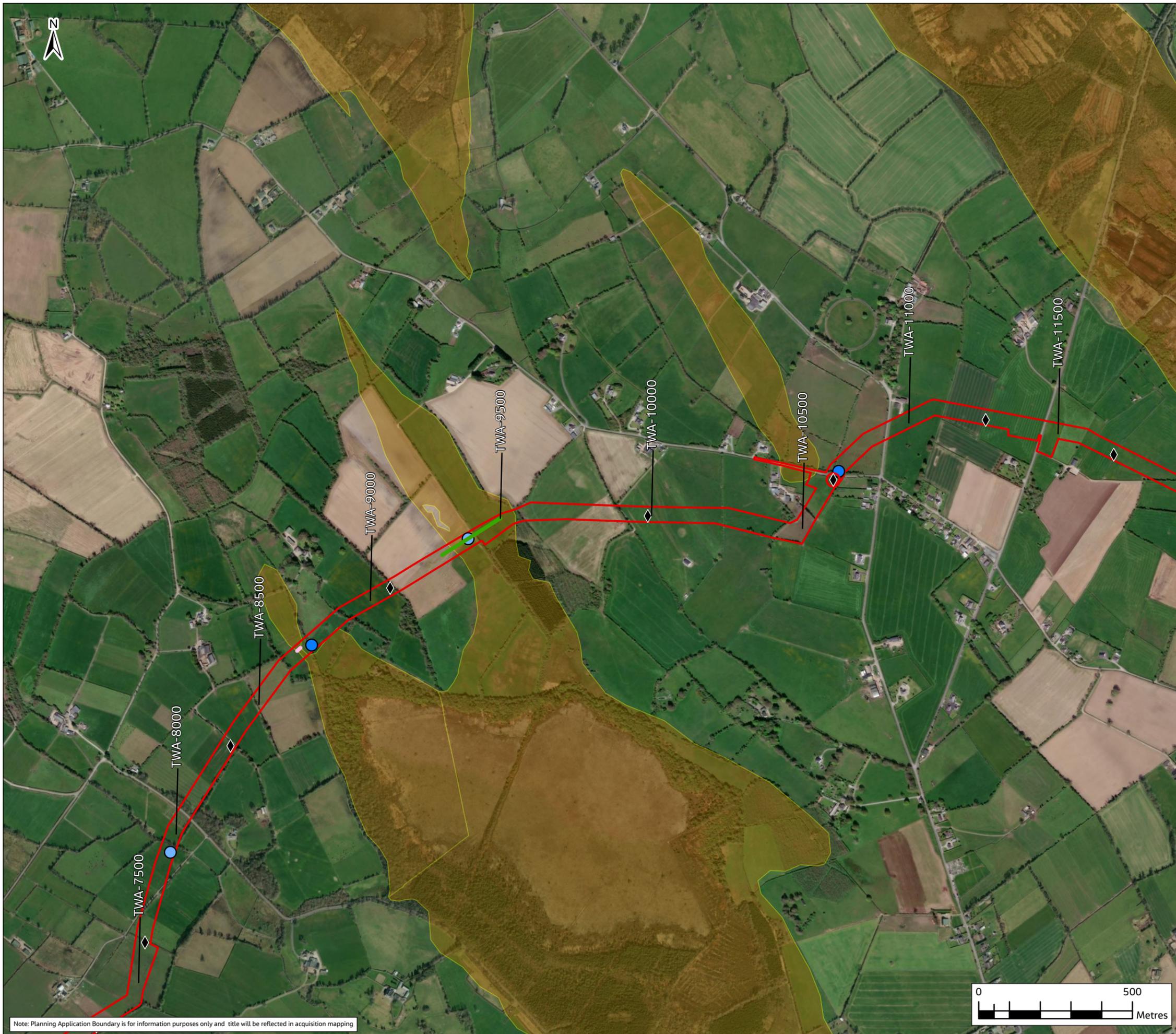
Drawing Title
 Figure 5.48
 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

Jacobs TOBIN

Client

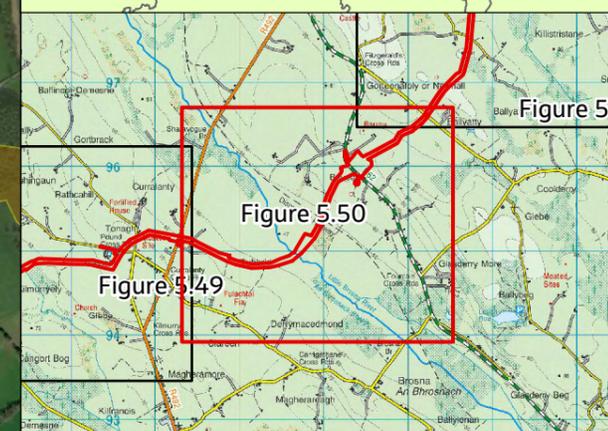
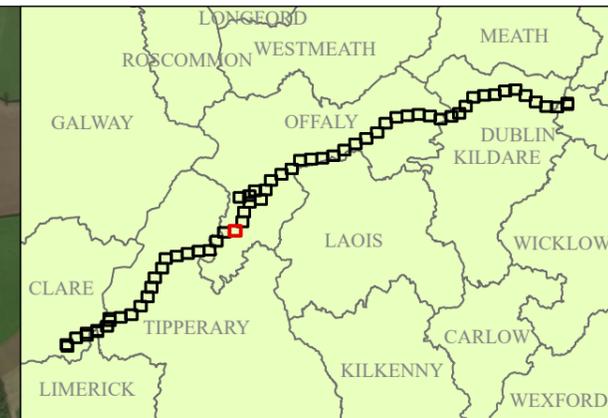
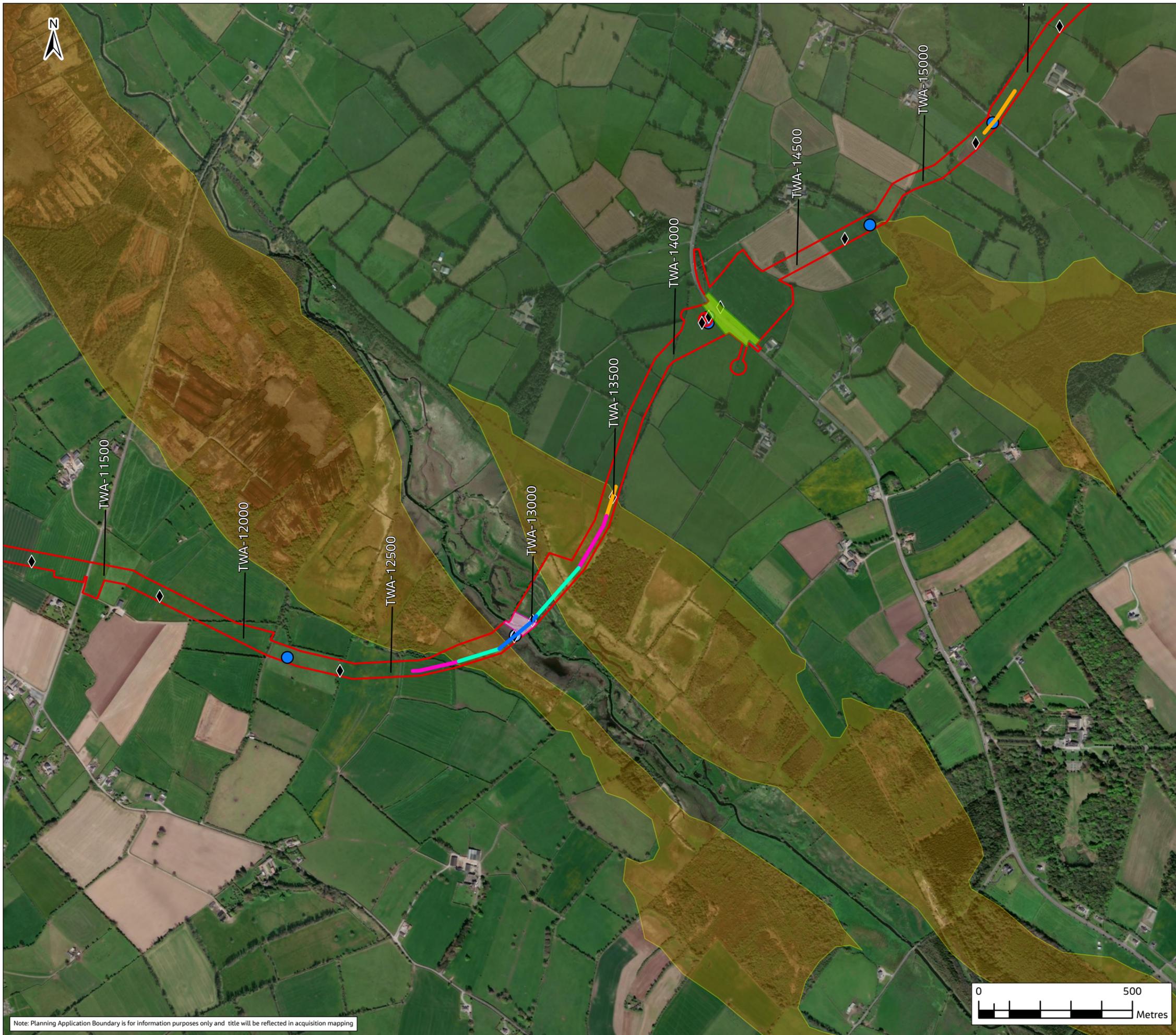
Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.49
 Methods of Construction

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



Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	
Peat (source: Teagasc)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project
 Water Supply Project
 Eastern and Midlands Region

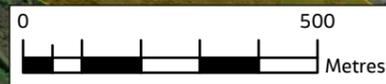
Drawing Title
 Figure 5.50
 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
Drawing No.	32105801/700/07050		
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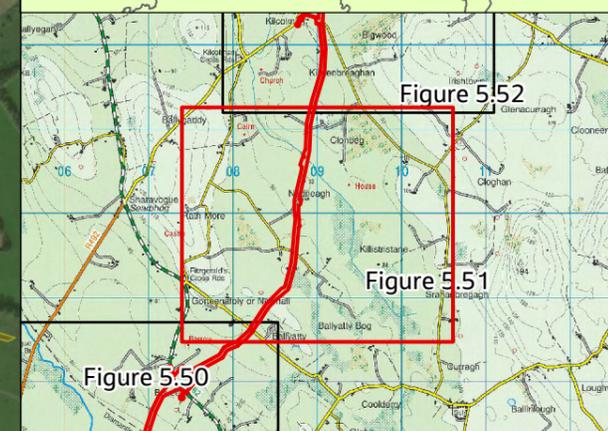
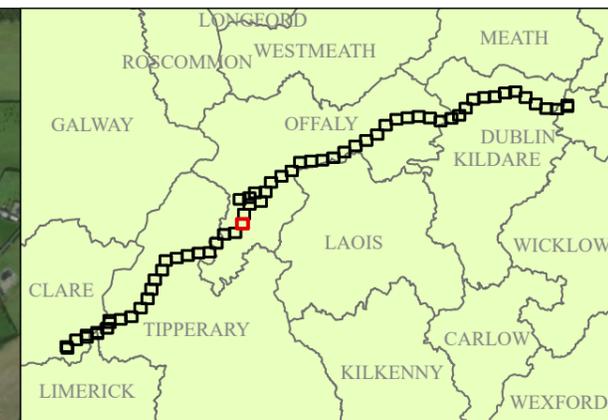
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





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



Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

RW-xxx - Raw Water Chainage
TWA-xxx - Treated Water Chainage

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

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Client:

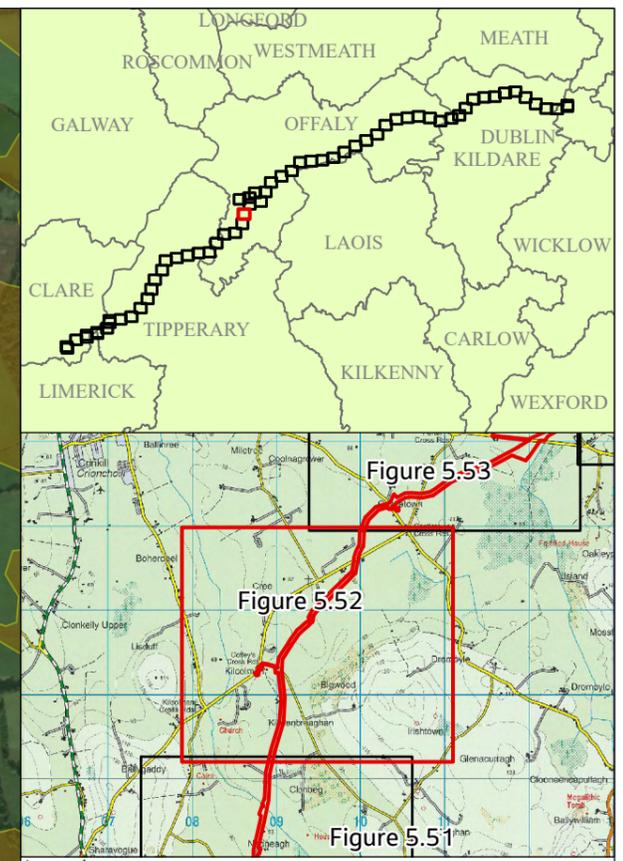
Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 5.51 Methods of Construction

Drawing Status: Final - Planning Application

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Legend

- Planning Application Boundary
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation
- ◇ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

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Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.52
Methods of Construction

Drawing Status

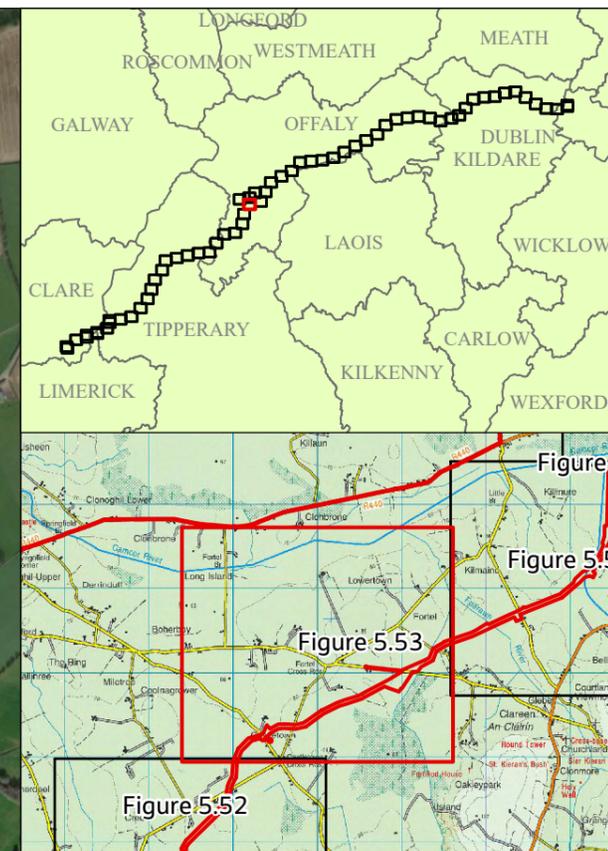
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation
- ◆ Air Valve
- ⊖ Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

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Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

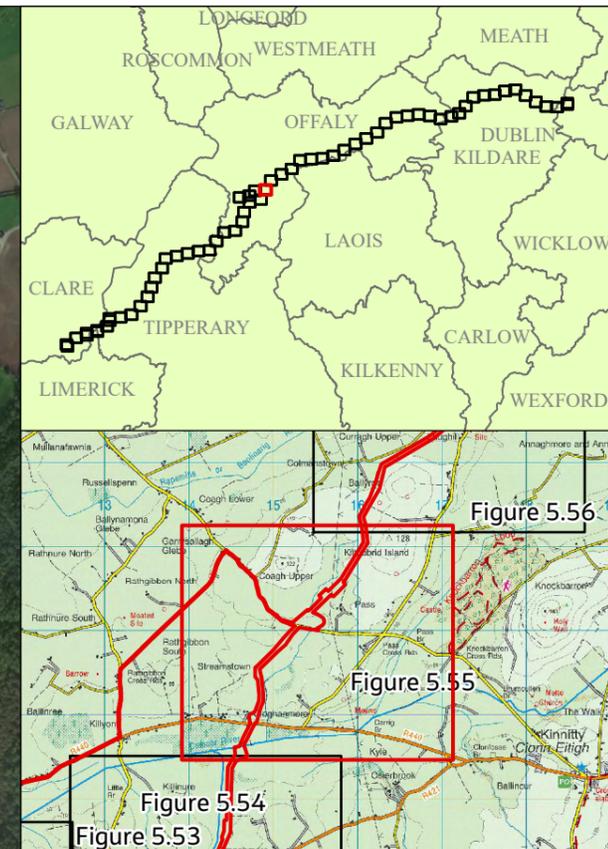
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Methods of Construction

Drawing Status: Final - Planning Application

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Client No.	9318	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Peat (source: Teagasc)
Air Valve	Proposed Construction Method 0 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 1 (up to 6m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 2 (up to 6m Deep Trench)
Proposed Construction Method - Tunnelled	Proposed Construction Method 3 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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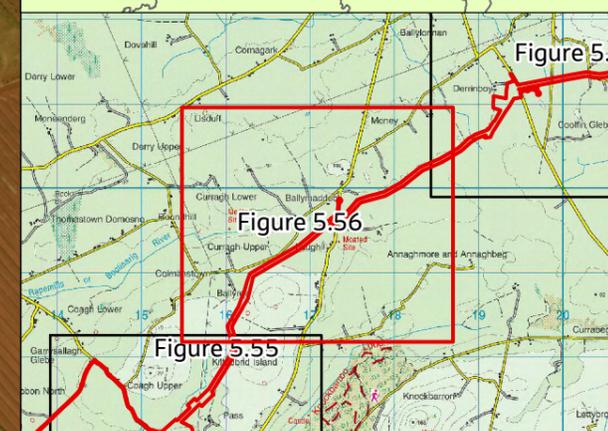
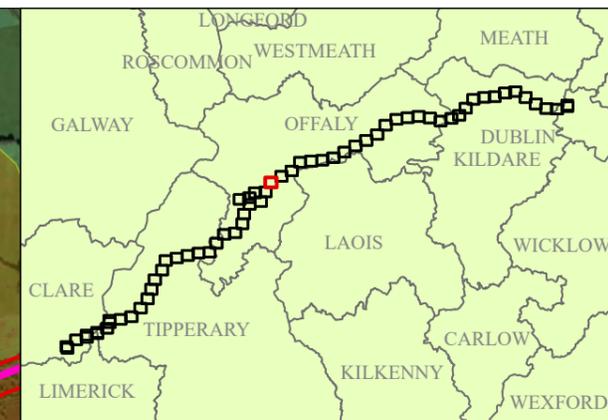
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Drawing Status: Final - Planning Application

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Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

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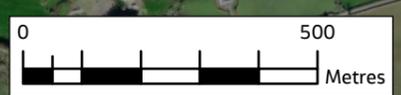
Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.56
 Methods of Construction

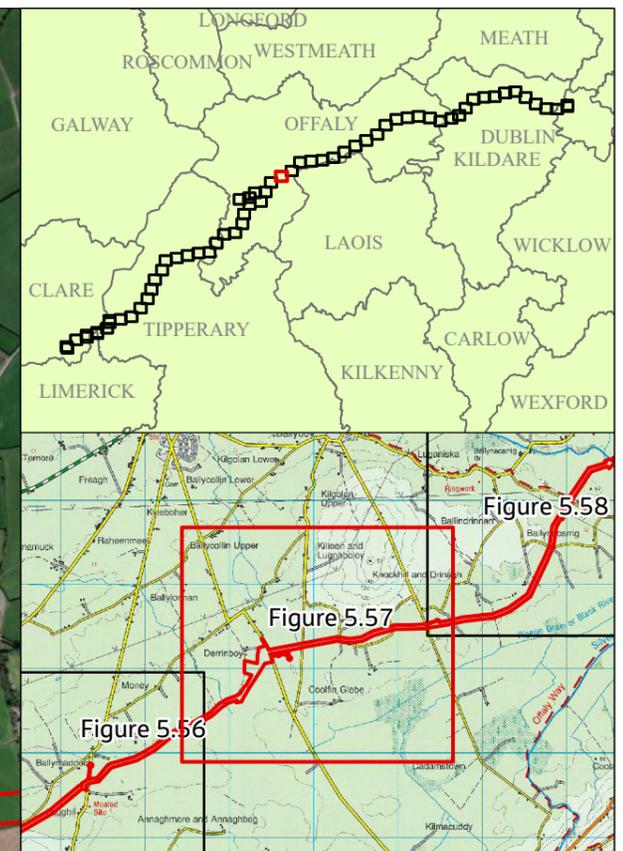
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Client No.	9318	
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Legend

- Planning Application Boundary
- Air Valve
- Line Valve
- Washout Valve (WB)
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.57
Methods of Construction

Drawing Status

Final - Planning Application

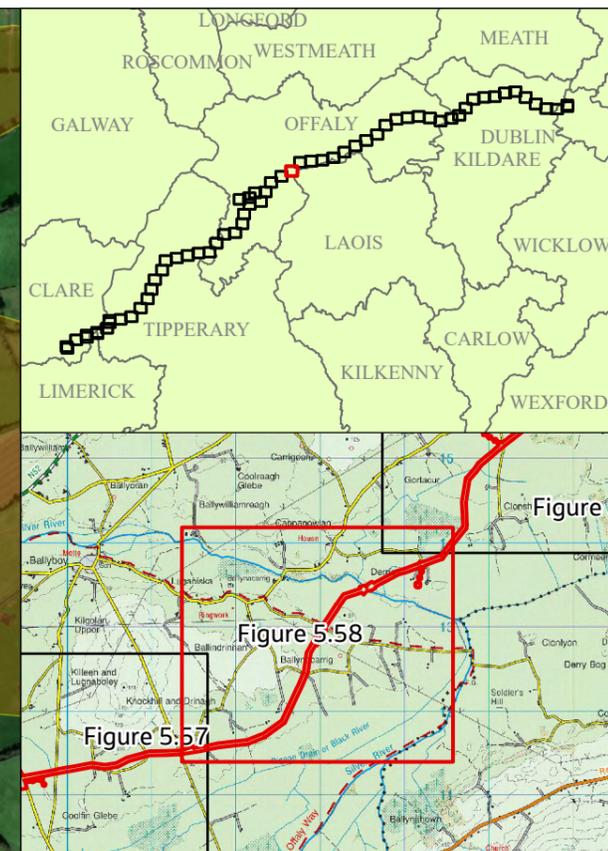
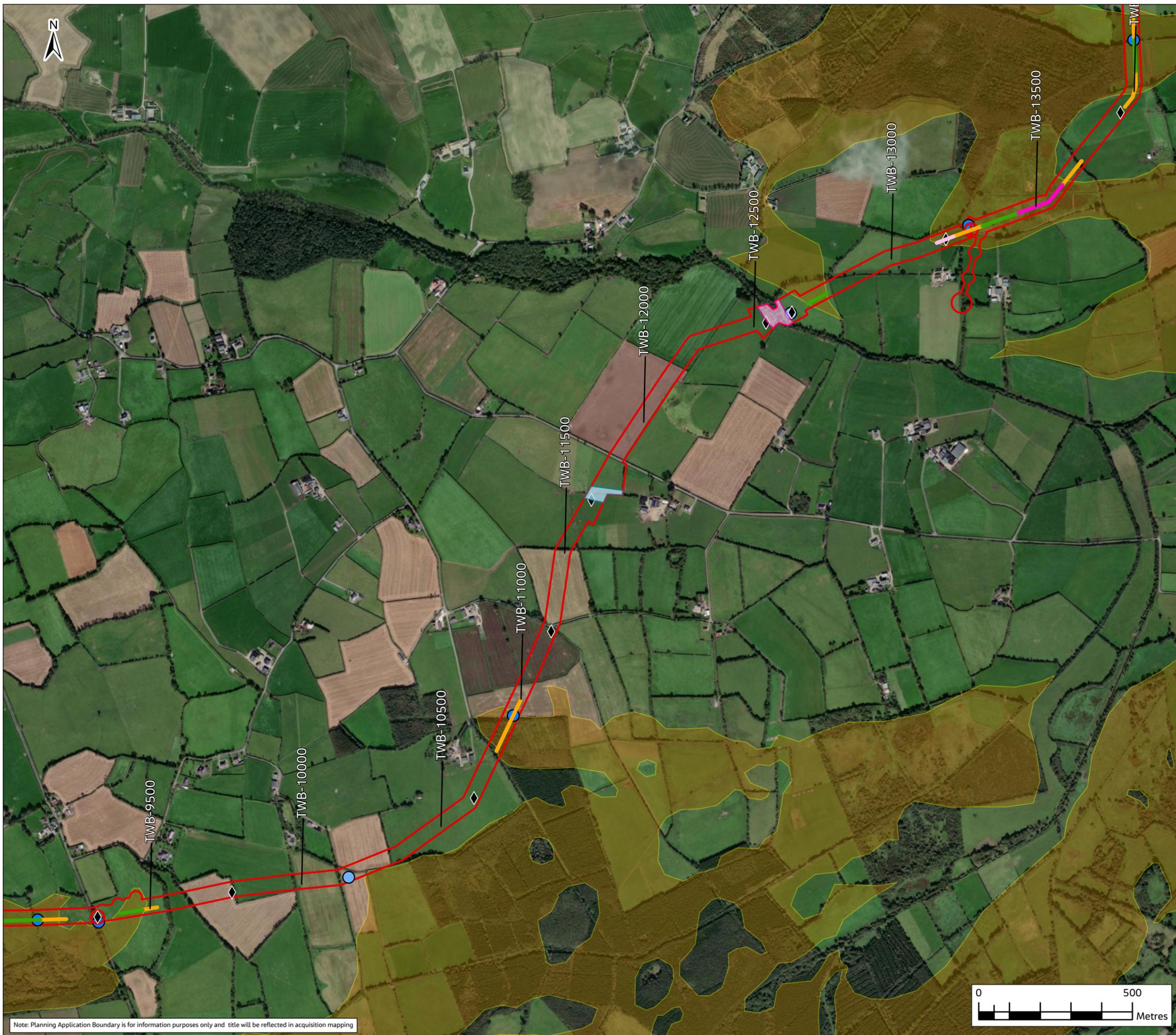
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Client No.	9318	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.58
Methods of Construction

Drawing Status: Final - Planning Application

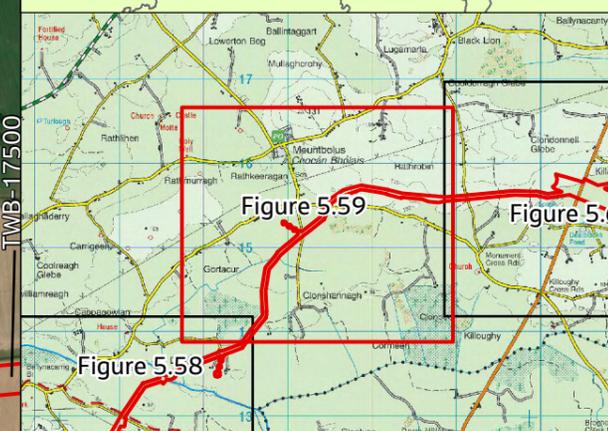
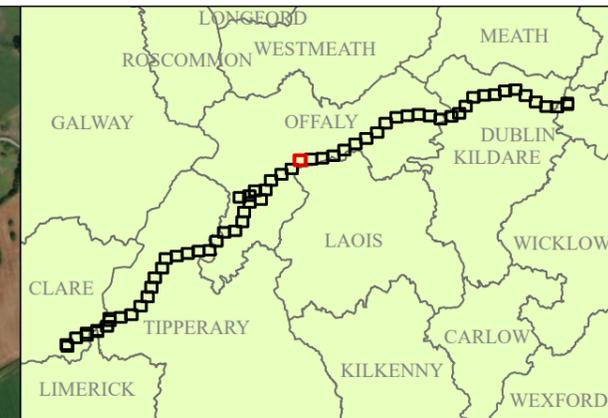
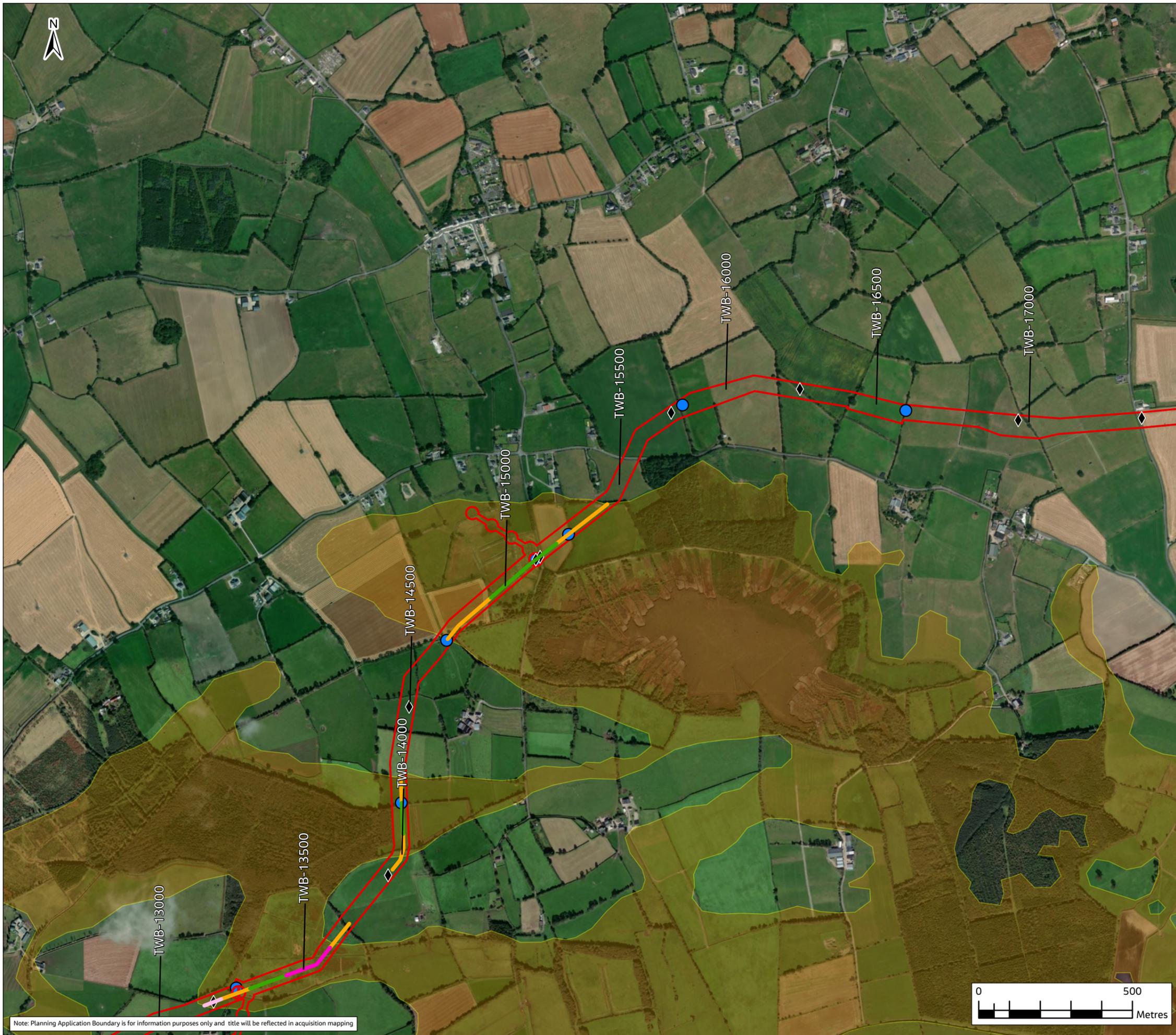
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Client No.	9318	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

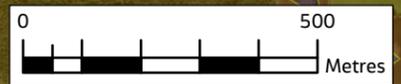
Drawing Title
 Figure 5.59
 Methods of Construction

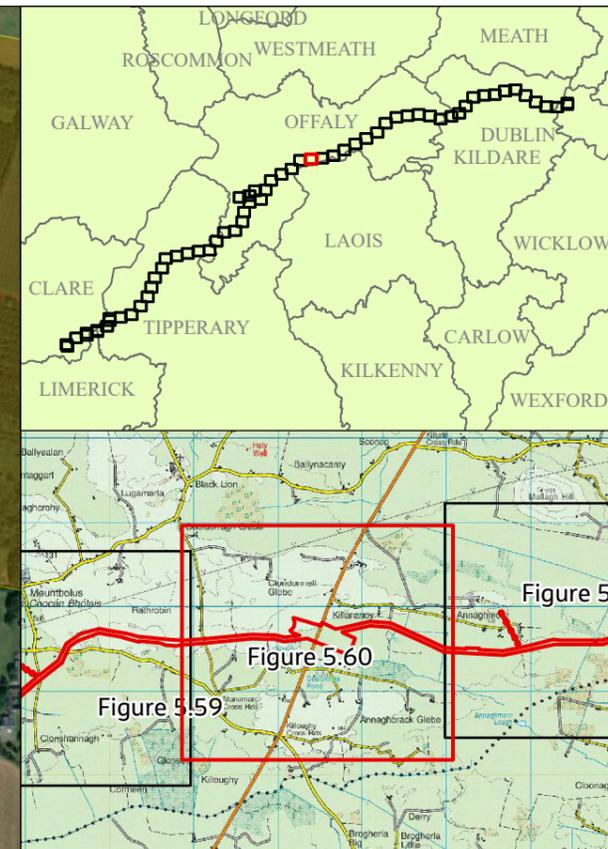
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Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

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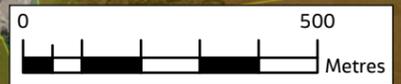
Project
 Water Supply Project
 Eastern and Midlands Region

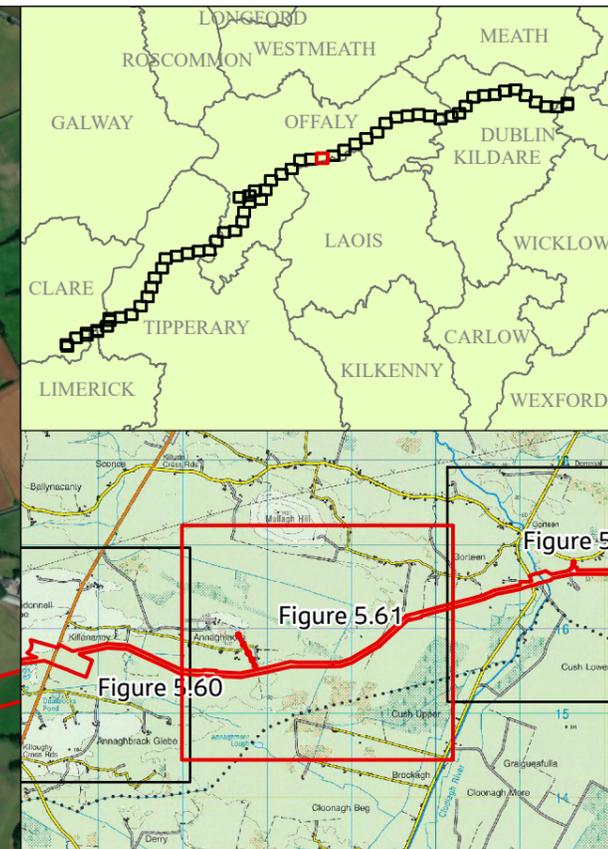
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 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- ◆ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

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Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.61
Methods of Construction

Drawing Status: Final - Planning Application

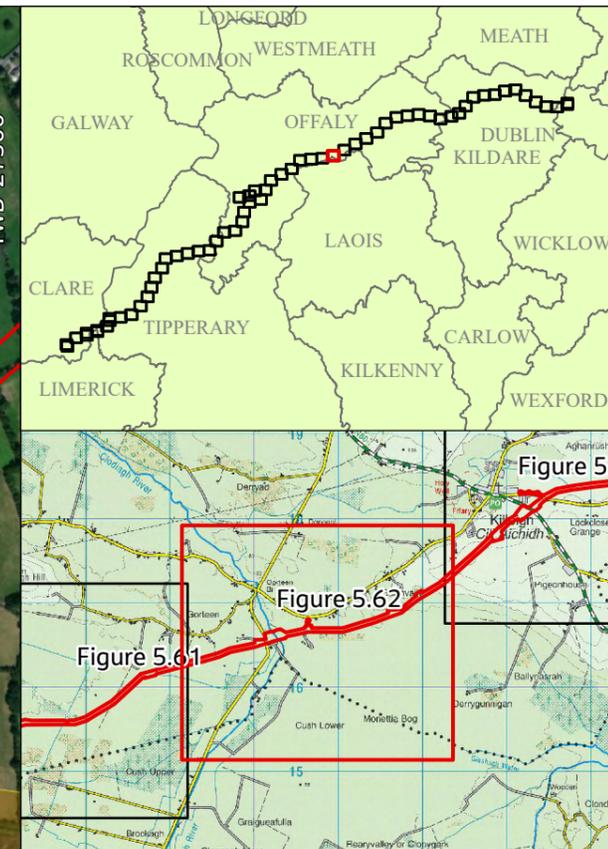
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	
Peat (source: Teagasc)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client:

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 5.62 Methods of Construction

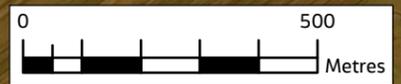
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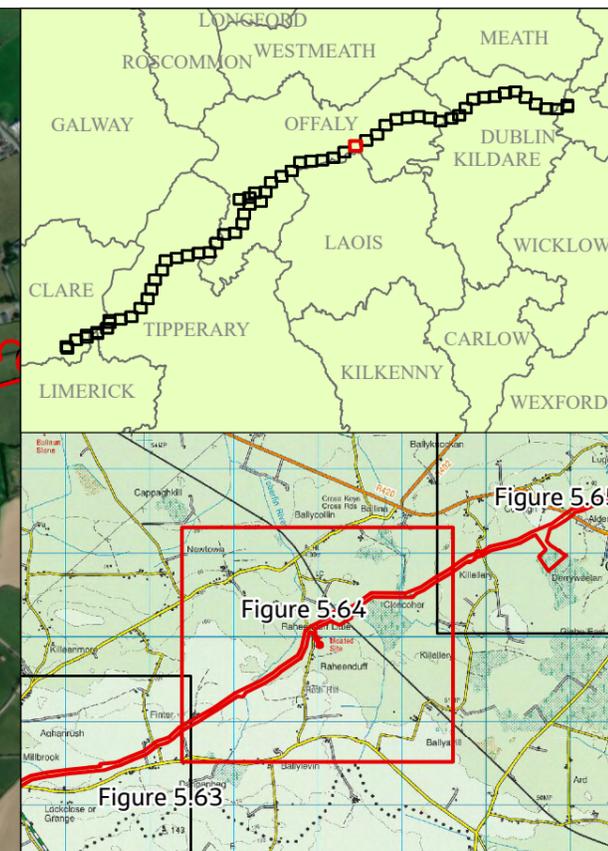
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- Washout Valve (WB)
- Washout Valve (WA)
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*
- Peat (source: Teagasc)
- ◆ Air Valve
- ⊕ Line Valve
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

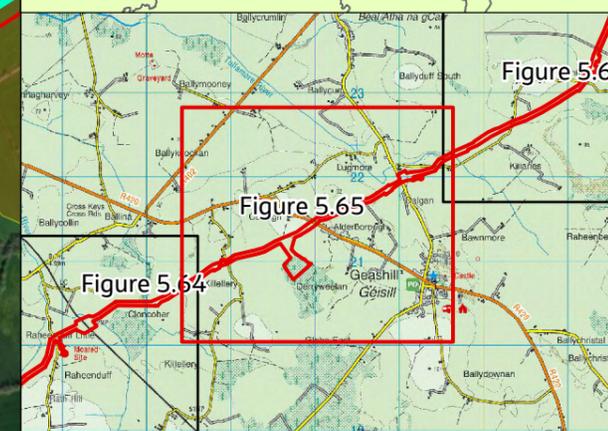
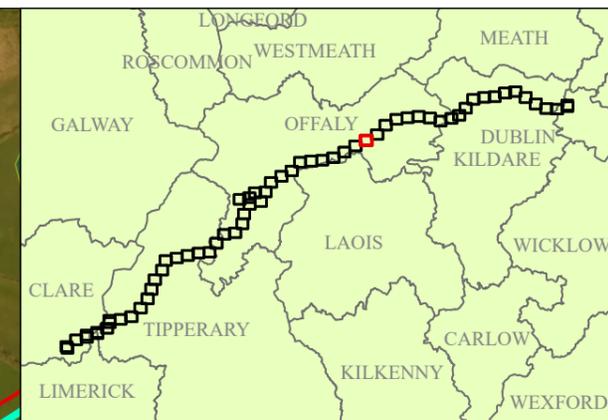
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 Figure 5.64
 Methods of Construction

Drawing Status	Final - Planning Application		
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client

Project

Water Supply Project
 Eastern and Midlands Region

Drawing Title

Figure 5.65
 Methods of Construction

Drawing Status

Final - Planning Application

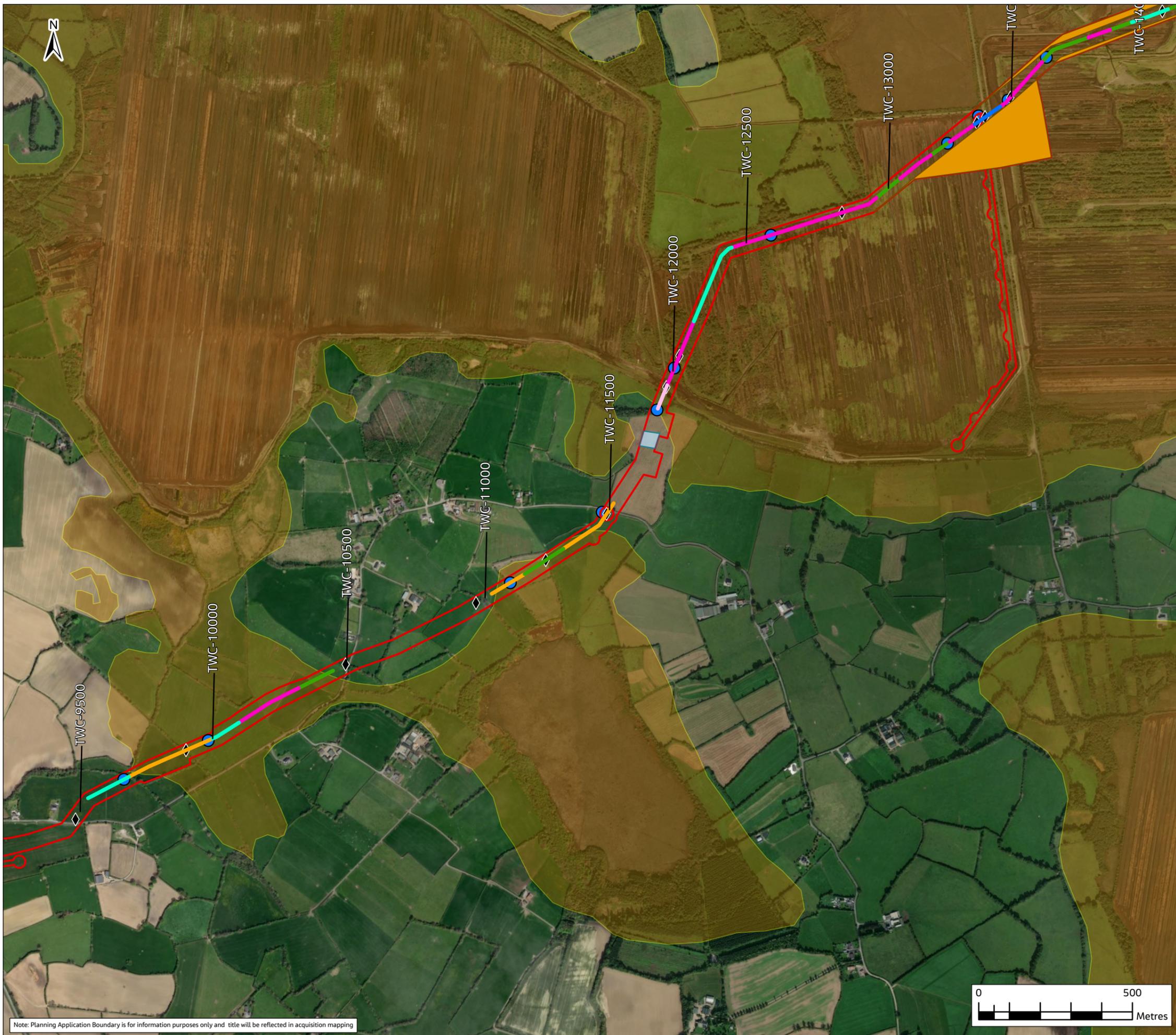
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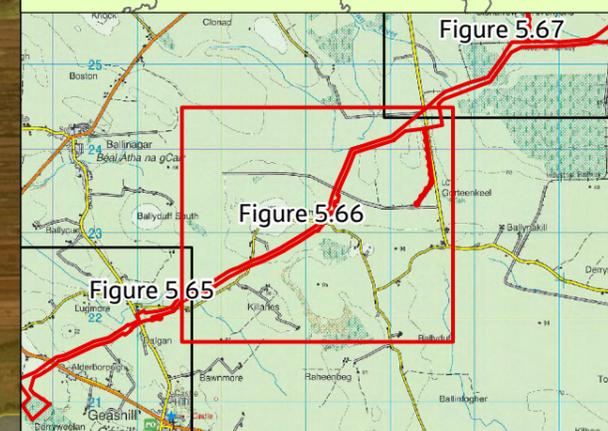
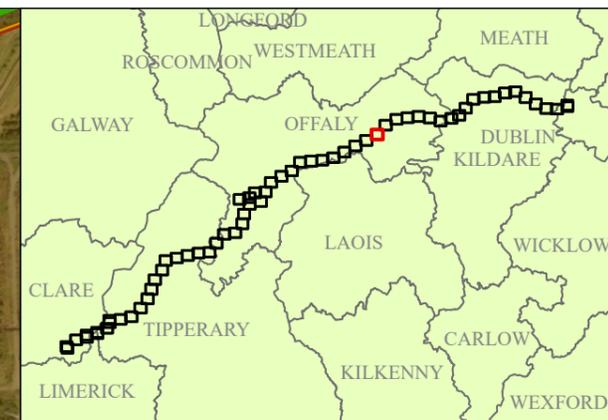
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Working Area widened due to Deep Peat
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
			Drawn	Check'd	Rev'd	Appr'd

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Project
Water Supply Project
Eastern and Midlands Region

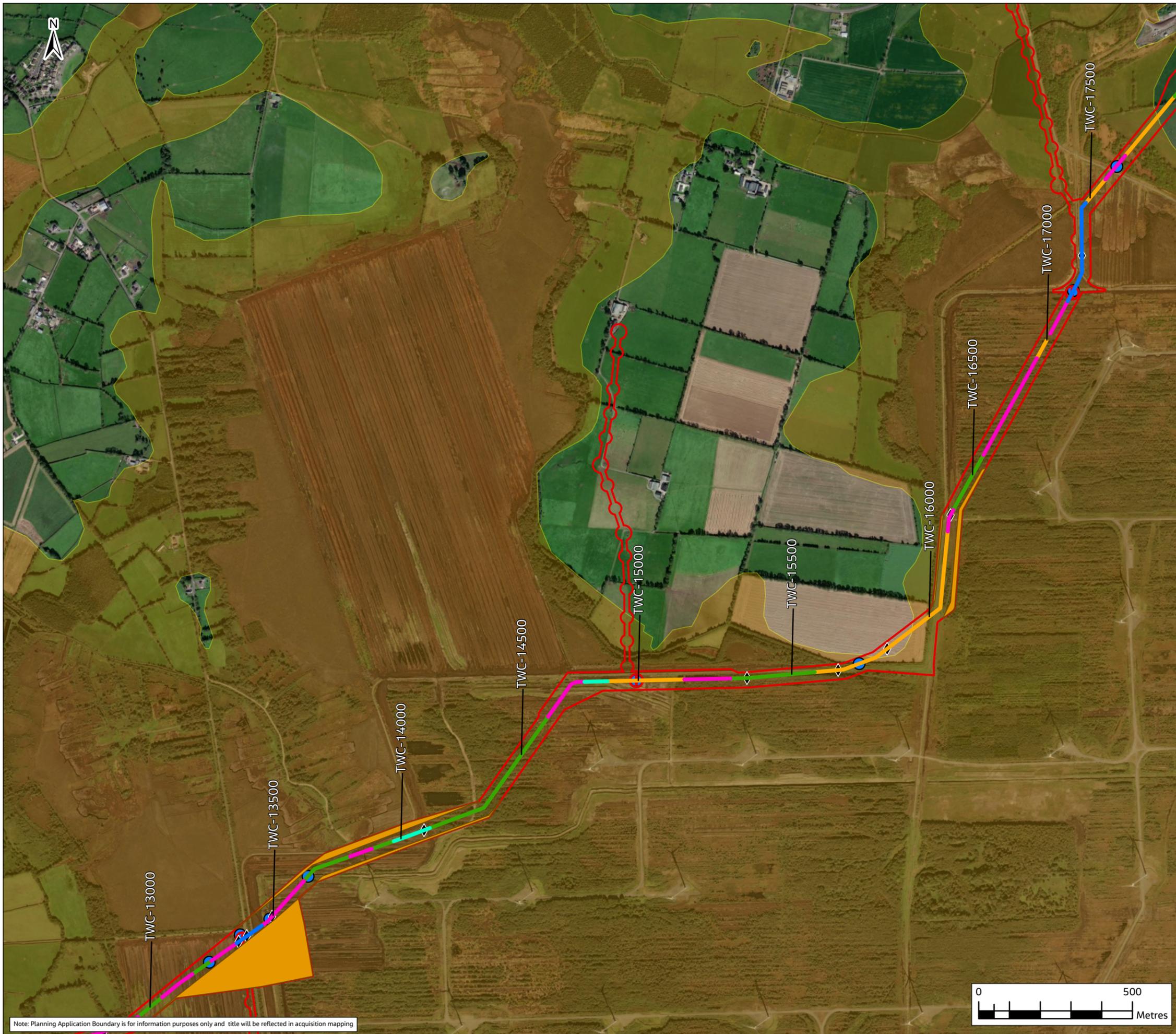
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Figure 5.66
Methods of Construction

Drawing Status
Final - Planning Application

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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Working Area widened due to Deep Peat	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

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Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.67
 Methods of Construction

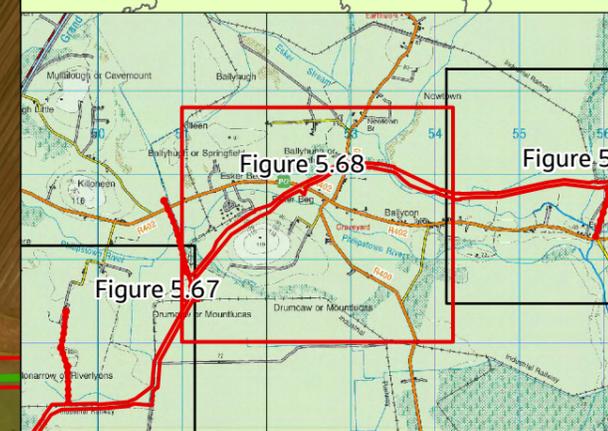
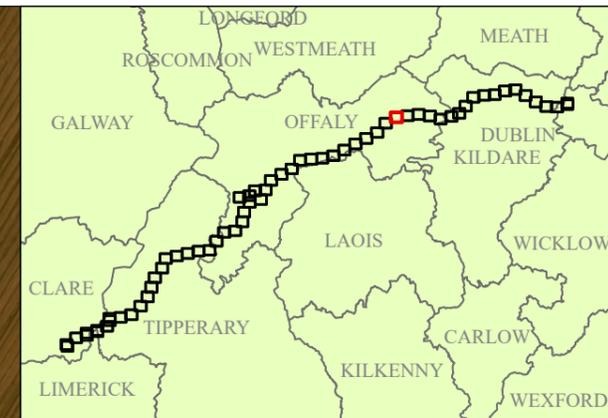
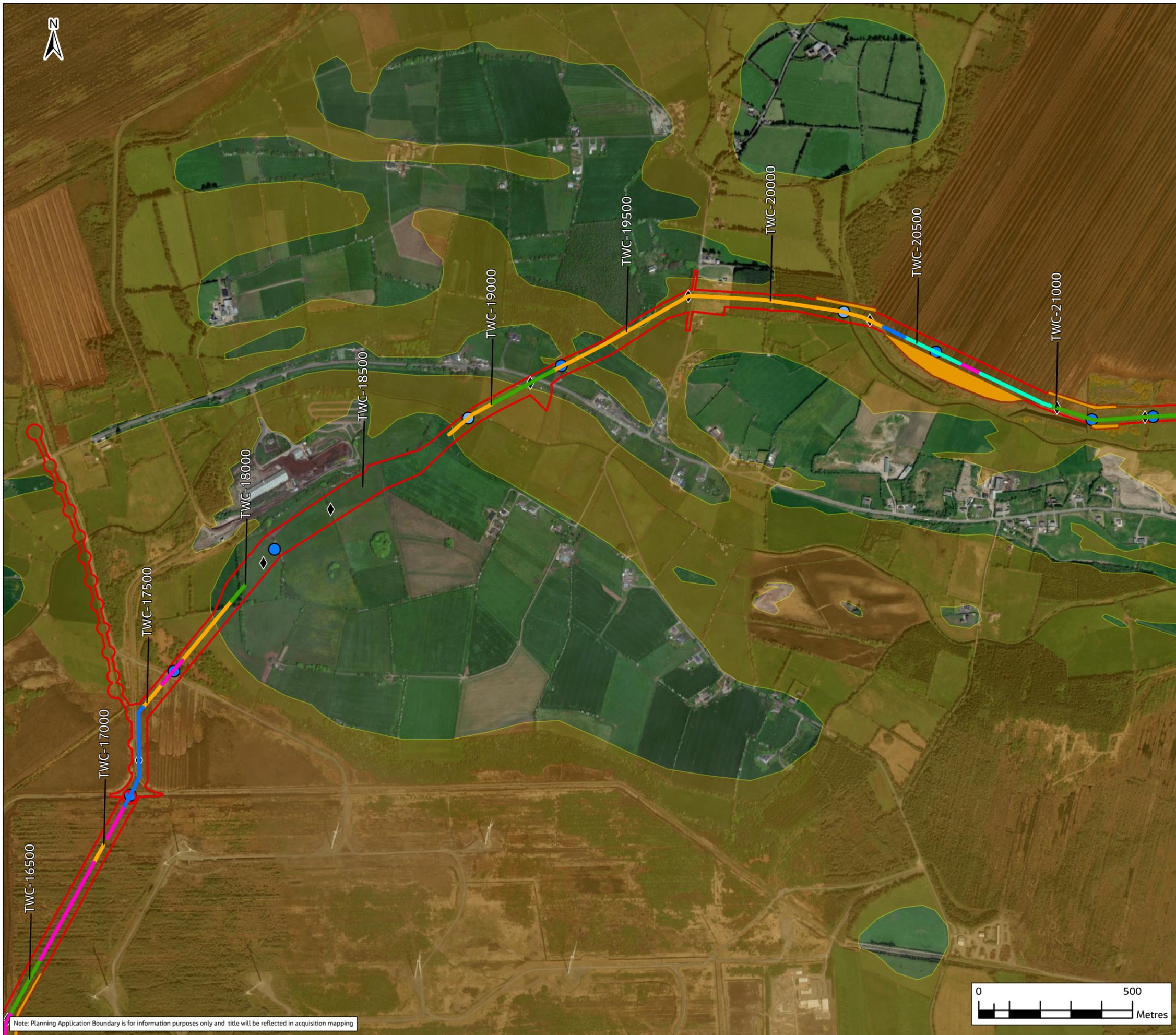
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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Working Area widened due to Deep Peat	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing	
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				

Jacobs TOBIN

Client:

Project: Water Supply Project
 Eastern and Midlands Region

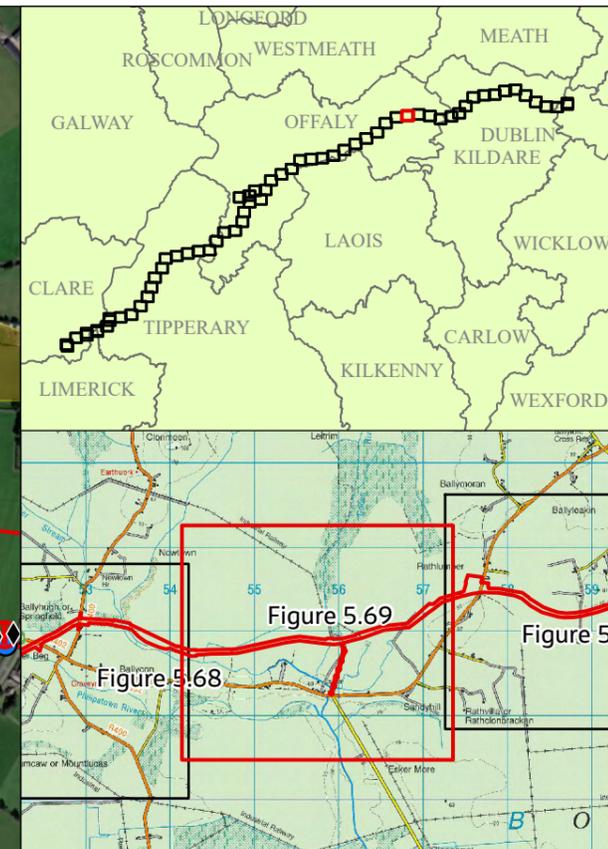
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 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
Drawing No.	32105801/700/07068		
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

- Planning Application Boundary
- Air Valve
- Line Valve
- Washout Valve (WB)
- Working Area widened due to Deep Peat
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.69
 Methods of Construction

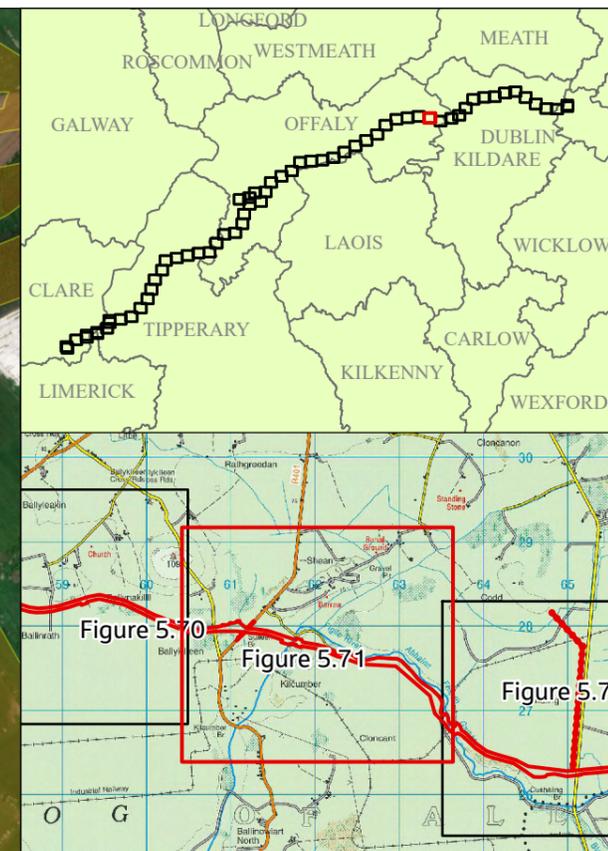
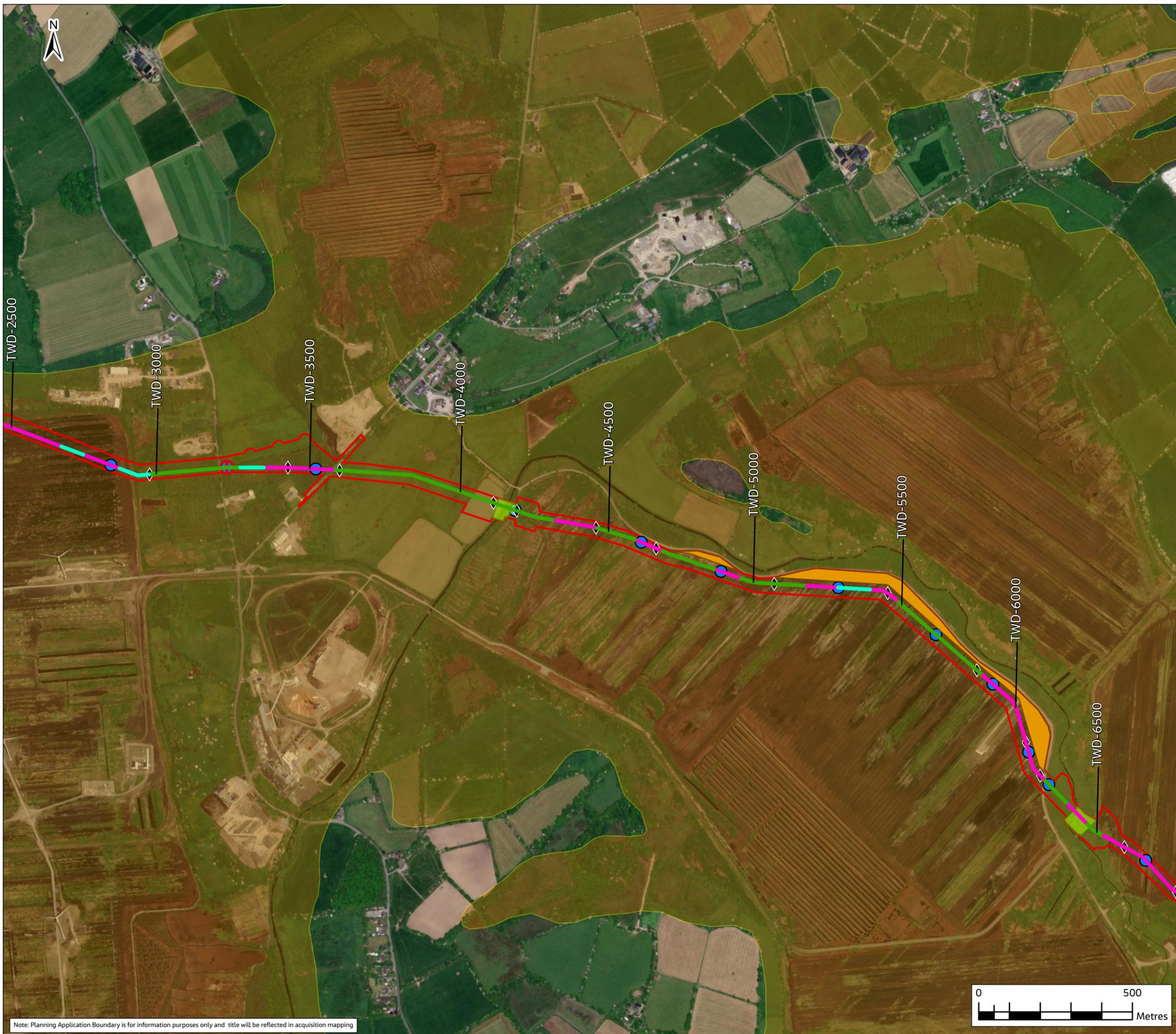
Drawing Status
 Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/07069	
File Path	\\gblh01r01\proj\32105801_700_07069\GIS\05_Construction and Commissioning\Construction of Pipeline in Peat - WaterAire	



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

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Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Working Area widened due to Deep Peat	Tunnel/Trenchless Crossing
Peat (source: Teagasc)	No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				



Client: Uisce Éireann, Tionscadal Soláthair Uisce Water Supply Project

Project: Water Supply Project Eastern and Midlands Region

Drawing Title: Figure 5.71 Methods of Construction

Drawing Status: Final - Planning Application

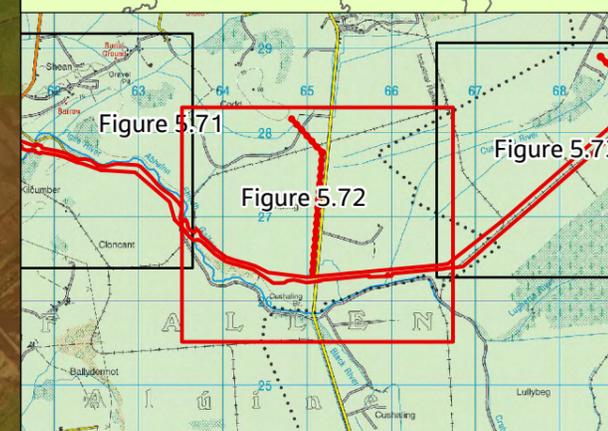
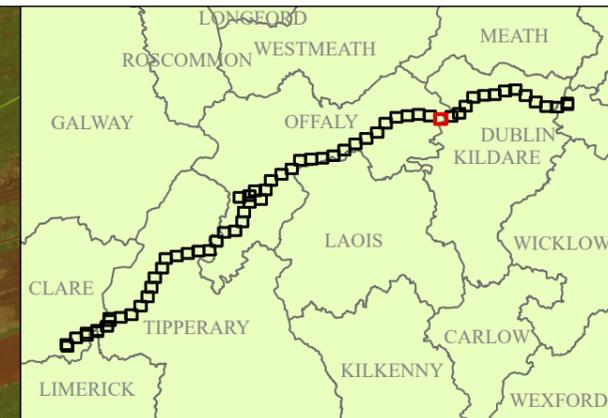
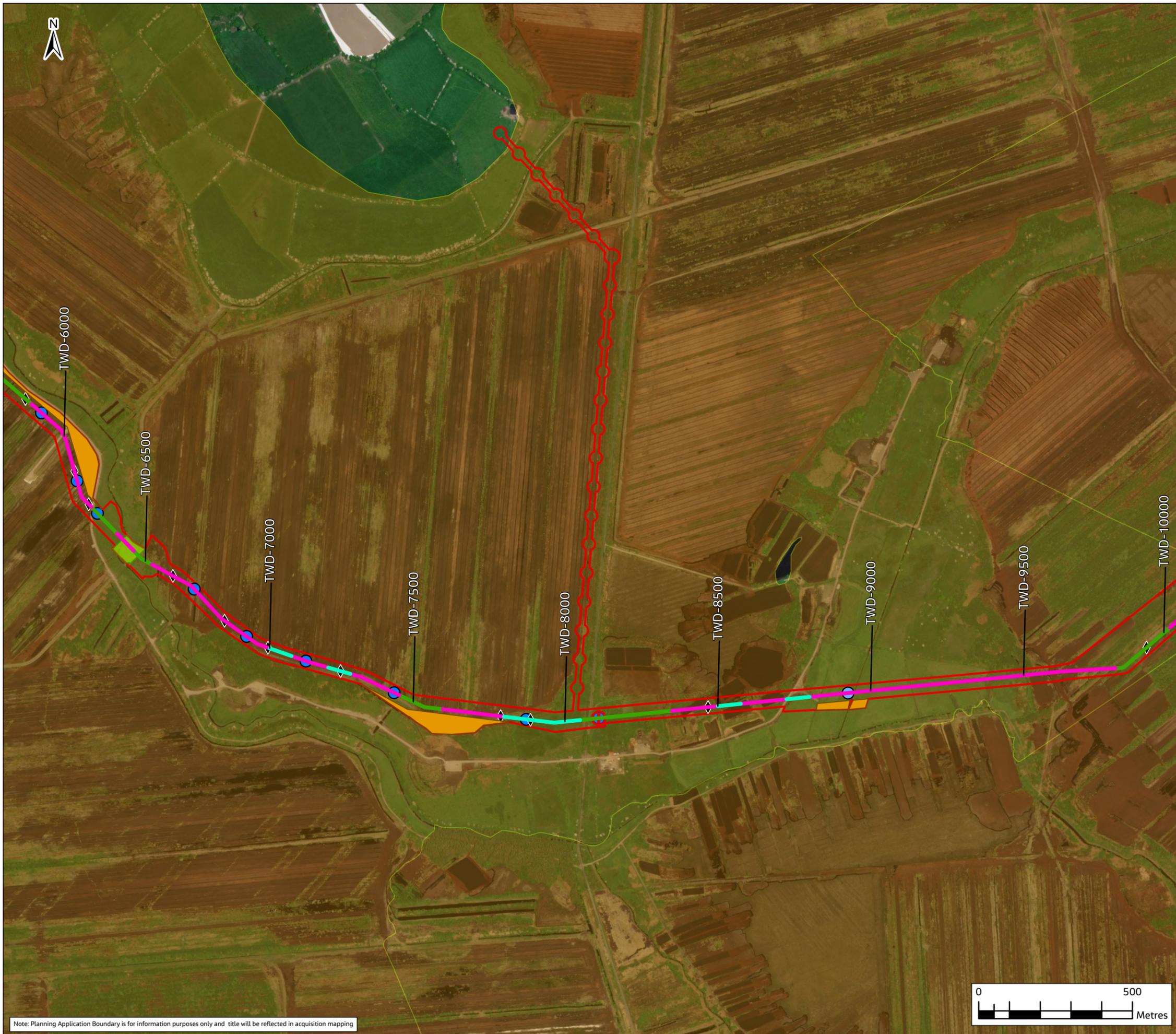
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Client No.	9318	
Drawing No.	32105801/700/07071	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- Working Area widened due to Deep Peat
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.72
 Methods of Construction

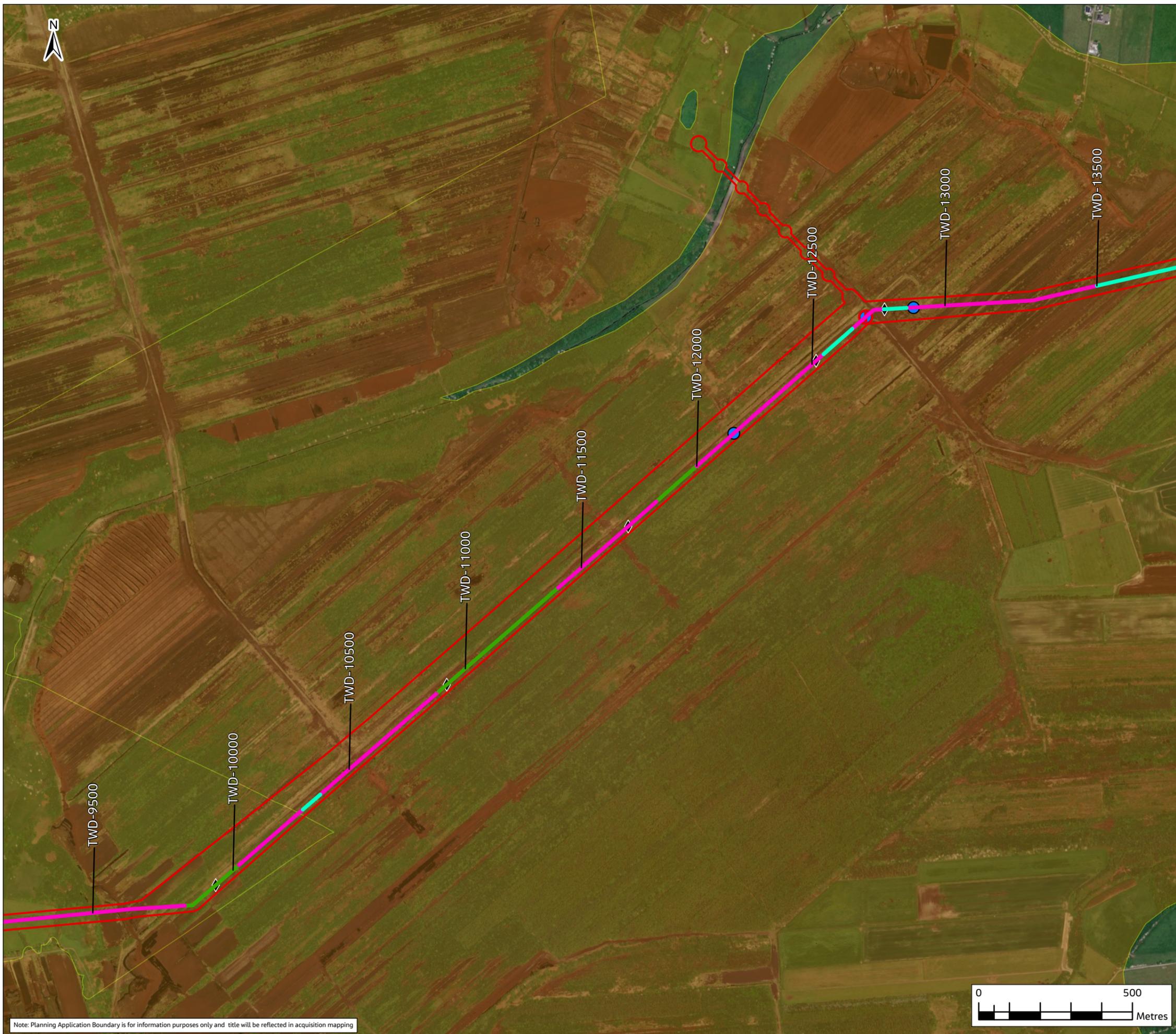
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project

Water Supply Project
Eastern and Midlands Region

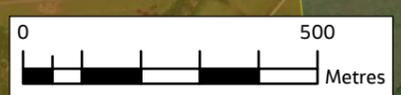
Drawing Title

Figure 5.73
Methods of Construction

Drawing Status

Final - Planning Application

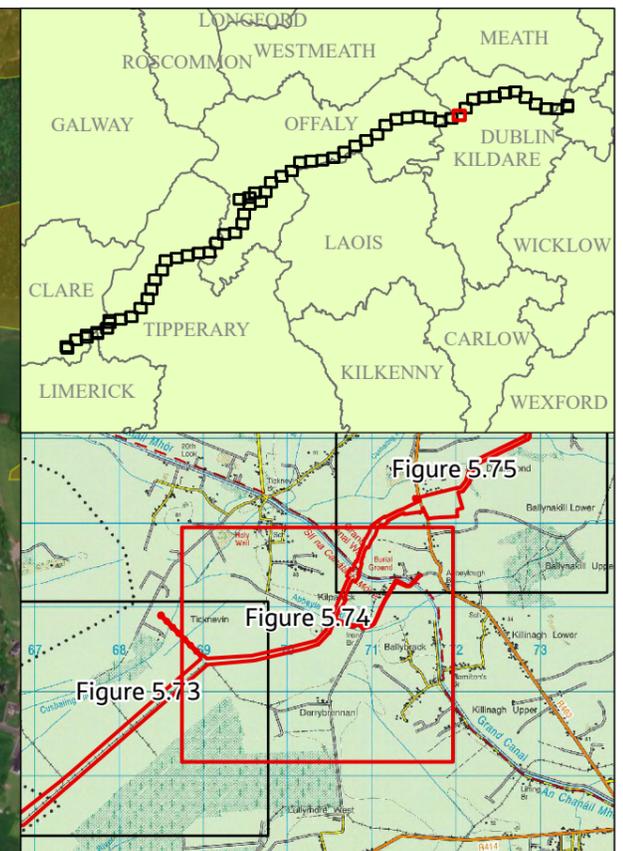
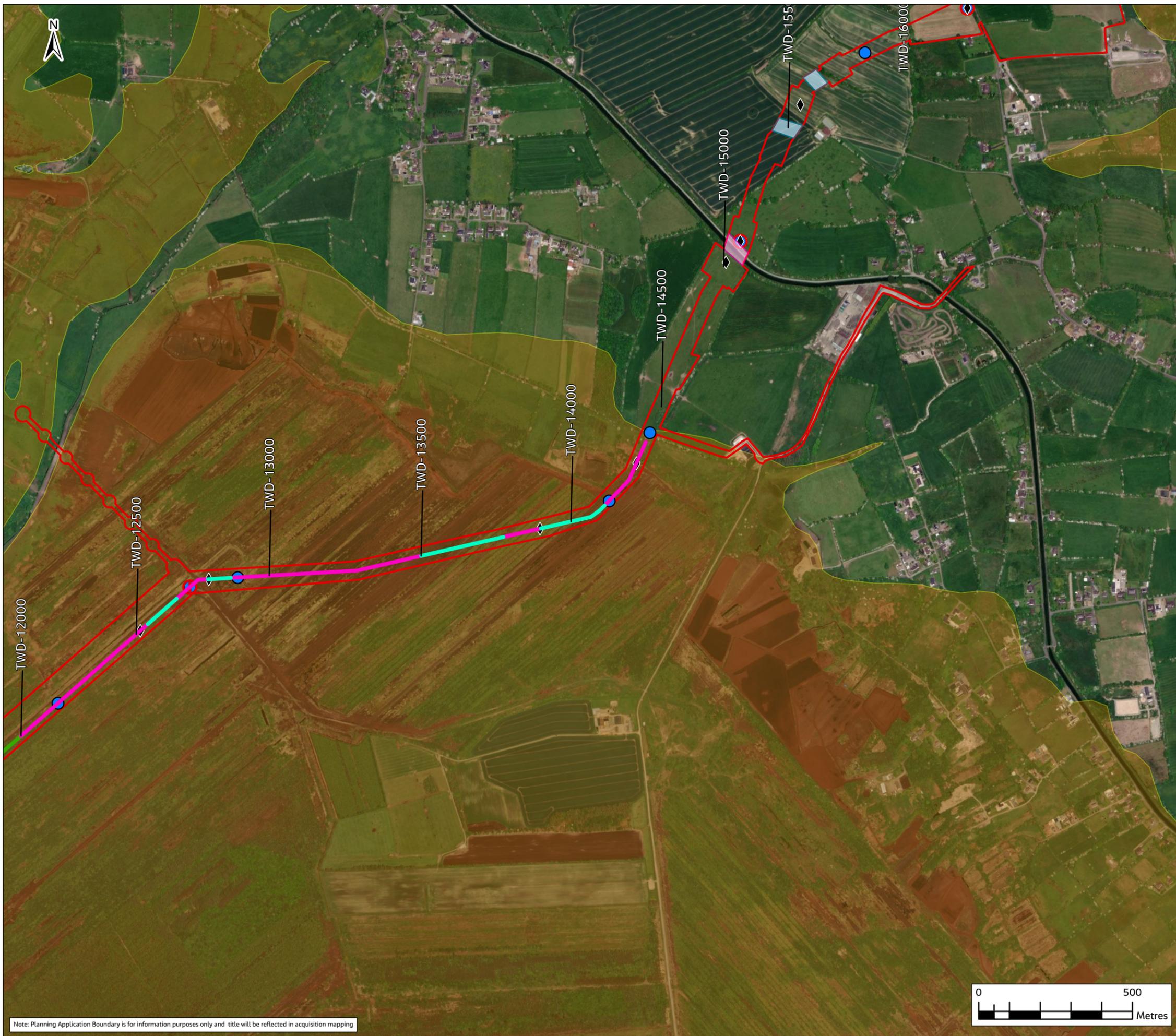
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Client No.	9318	
Drawing No.	32105801/700/07073	
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Legend

- Planning Application Boundary
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation
- Peat (source: Teagasc)
- ◆ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.74
Methods of Construction

Drawing Status

Final - Planning Application

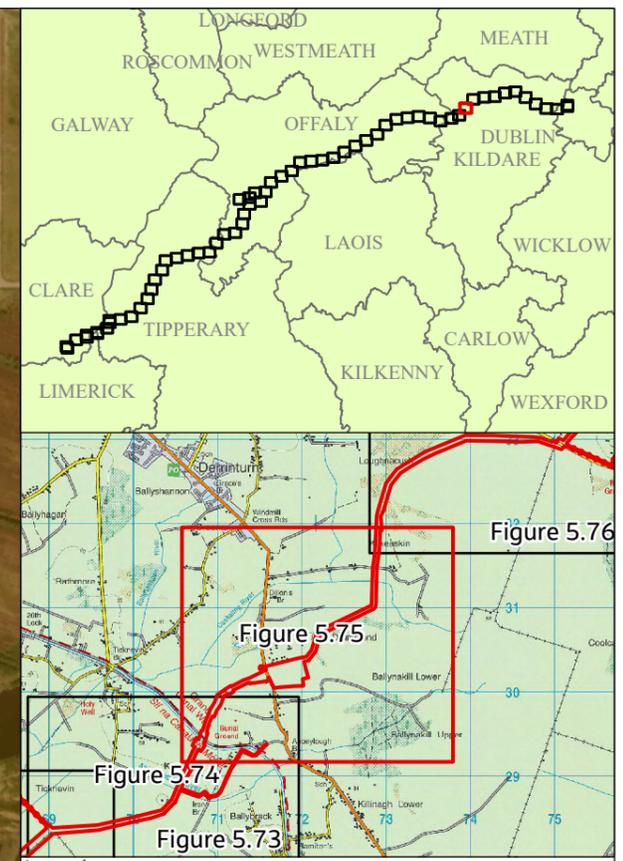
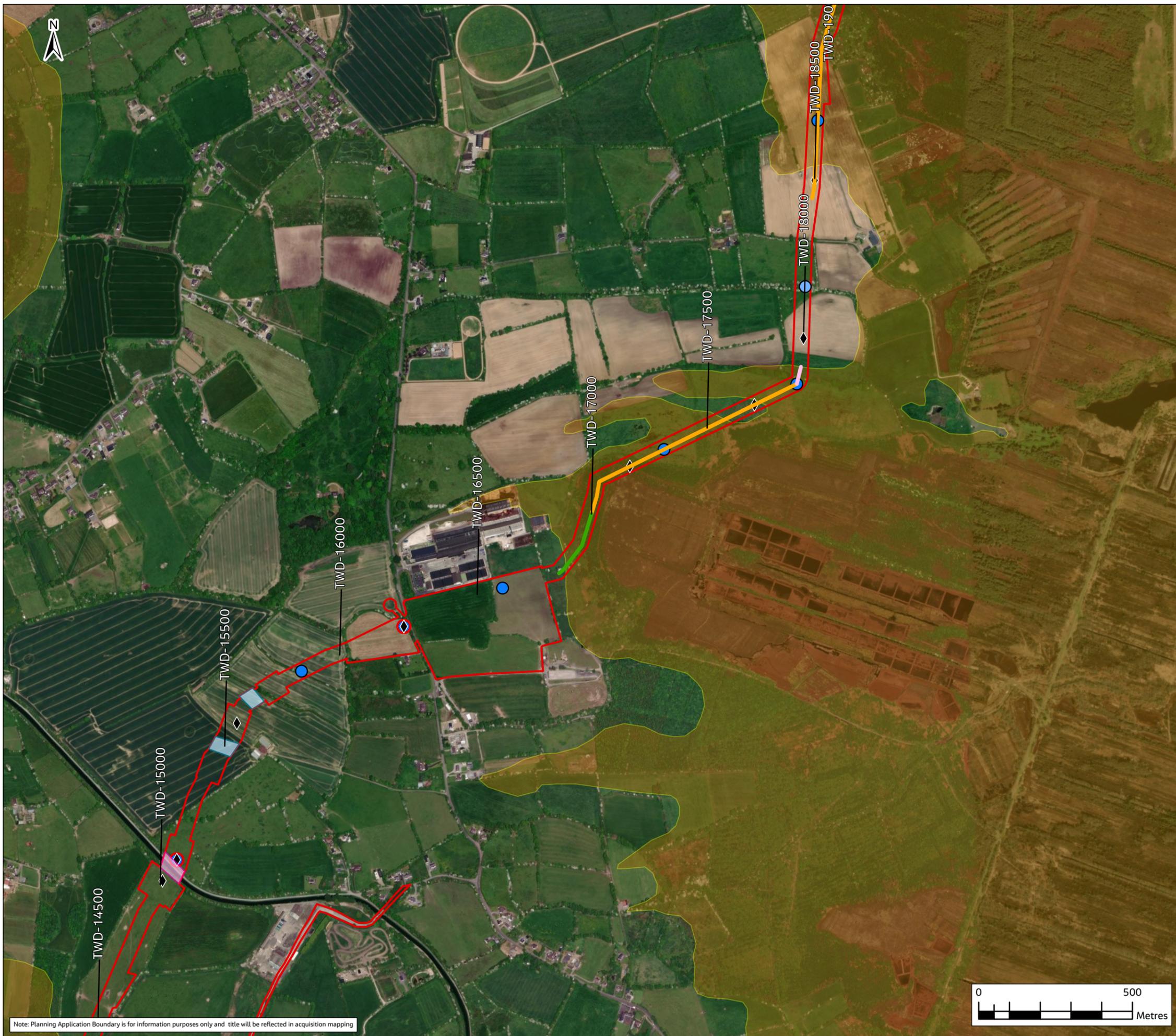
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation
- ◆ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.75
Methods of Construction

Drawing Status

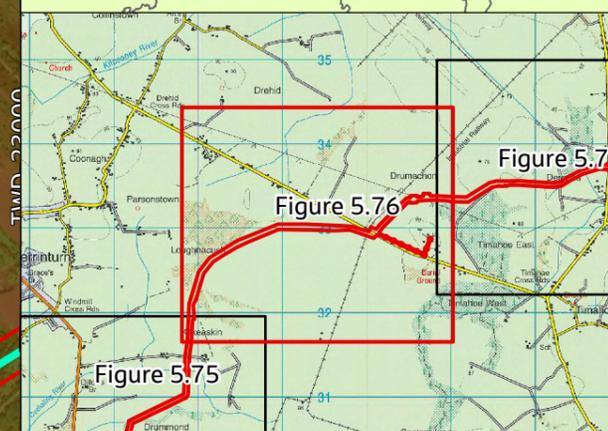
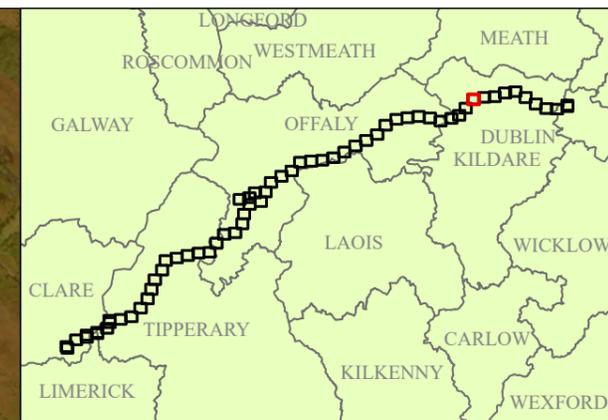
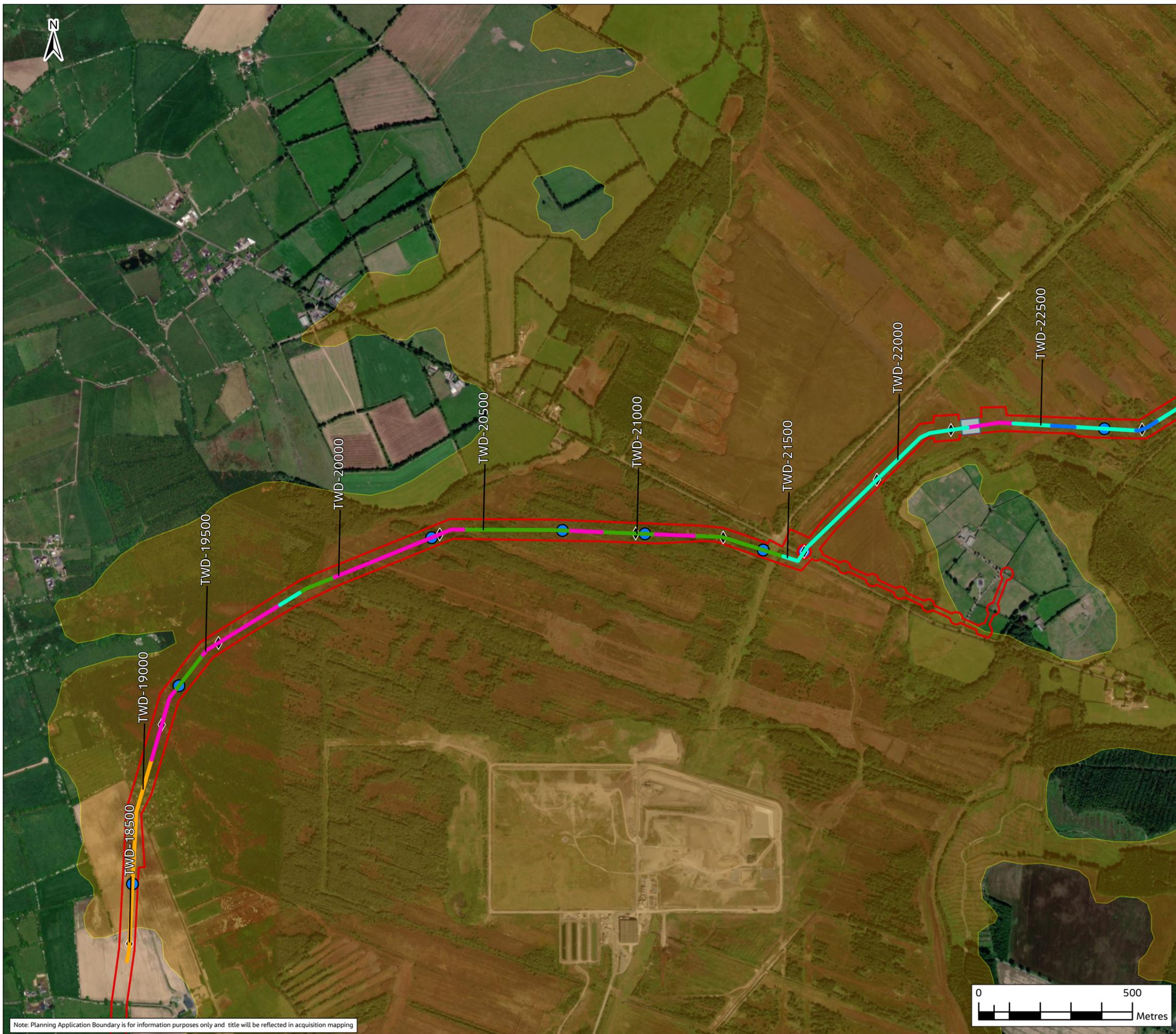
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Final - Planning Application	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
		Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.76
 Methods of Construction

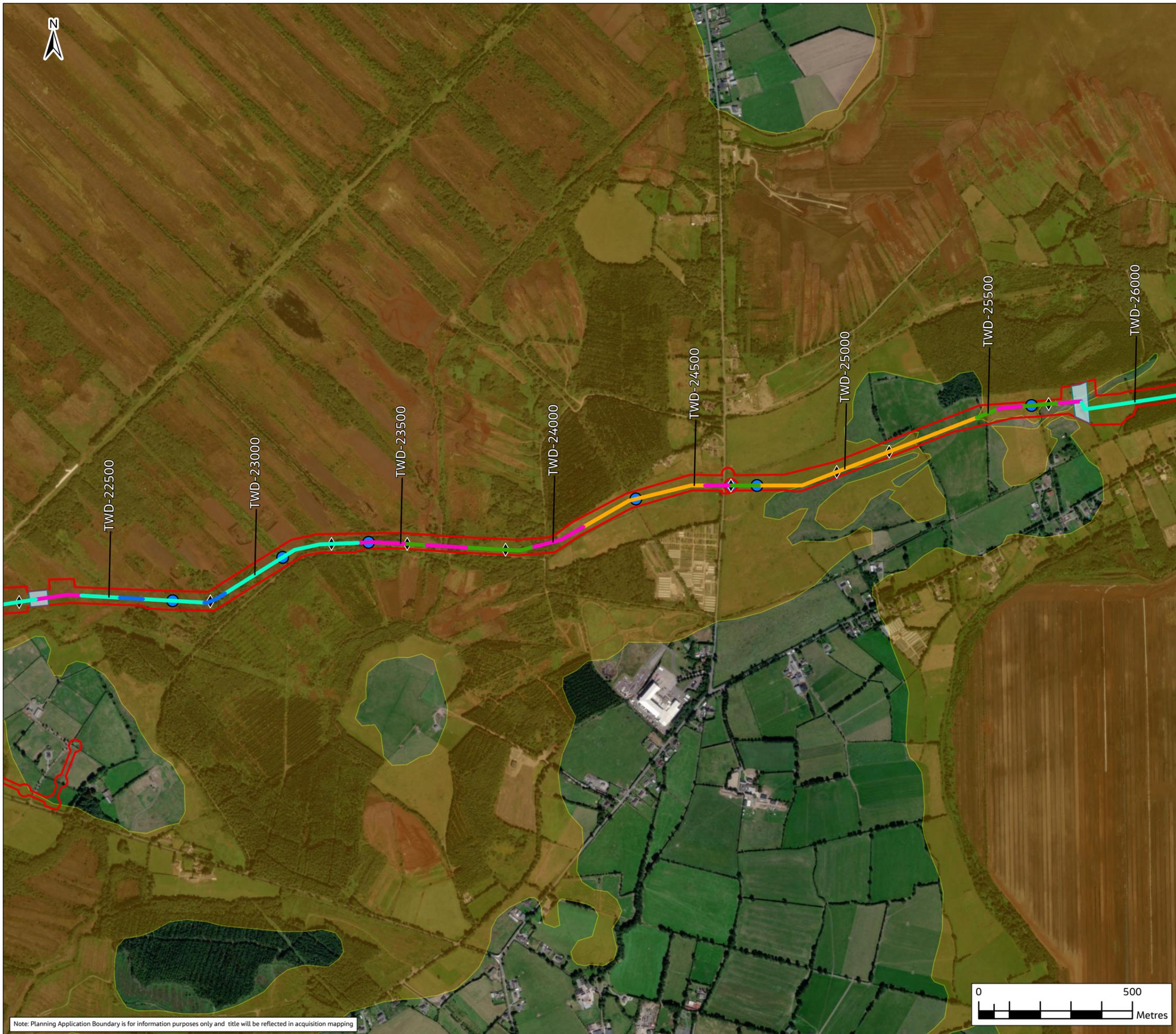
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping



Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.77
 Methods of Construction

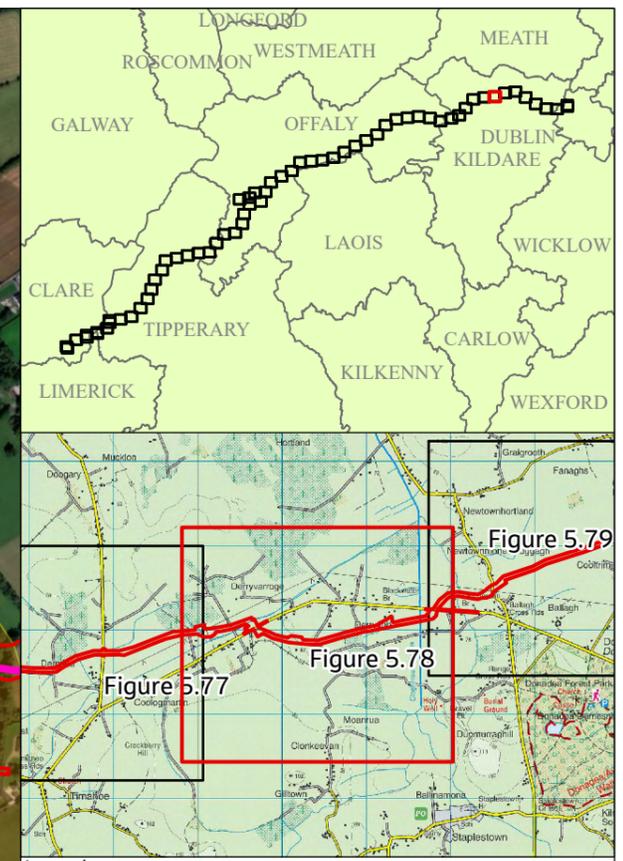
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Client No.	9318	
Drawing No.	32105801/700/07077	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping

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Legend

- Planning Application Boundary
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Working Area widened due to Deep Peat
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application	PG	PW	DS	SW

Jacobs TOBIN

Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.78
Methods of Construction

Drawing Status

Final - Planning Application

Scale @ A3	1:12,000	DO NOT SCALE
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Client No.	9318	
Drawing No.	32105801/700/07078	
File Path	\\gblh01\01\02\01\32105801_002_000\02\07078\05 - Construction and Commissioning\Construction of Pipeline in Peat - Water.swp	

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



Legend

- Planning Application Boundary
- ◆ Air Valve
- L Line Valve
- WB Washout Valve (WB)
- WA Washout Valve (WA)
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

Rev.	Date	Purpose of revision	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
			Drawn	Check'd	Rev'd	Appr'd

Jacobs TOBIN

Client

Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.80
Methods of Construction

Drawing Status

Final - Planning Application

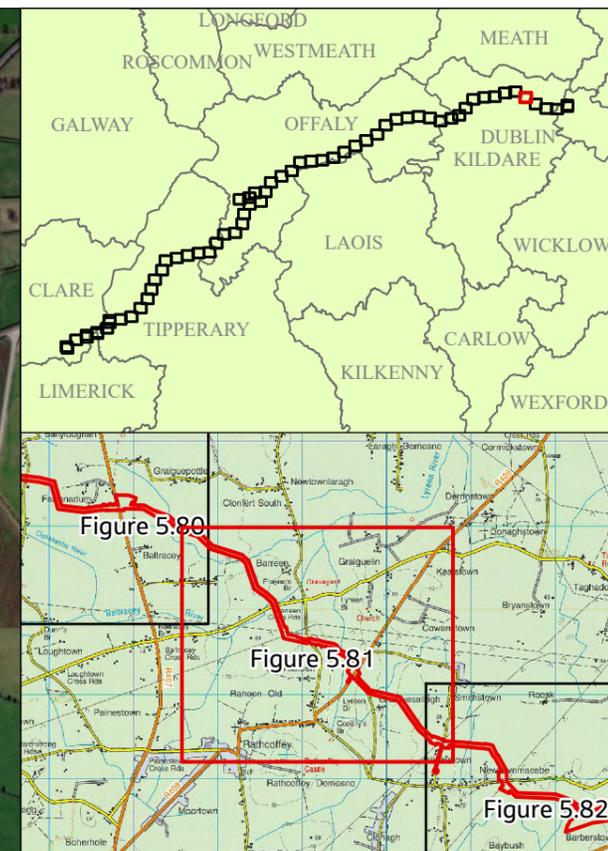
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Client No.	9318	
Drawing No.	32105801/700/07080	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- ◆ Air Valve
- Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	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 5.81
Methods of Construction

Drawing Status

Final - Planning Application

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Client No.	9318	
Drawing No.	32105801/700/07081	
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

Planning Application Boundary	Proposed Construction Method 0 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 1 (up to 6m Deep Trench)
Line Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Washout Valve (WA)	Proposed Construction Method 4 (up to 4m Deep Trench)
Potential Tunnel/Trenchless Crossing for Overhead Power Lines	No Peat Identified in Ground Investigation
Tunnel/Trenchless Crossing	
Peat (source: Teagasc)	

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

Rev.	Date	Final - Planning Application	PG	PW	DS	SW
F02	01/12/25	Final - Planning Application				
		Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project
 Water Supply Project
 Eastern and Midlands Region

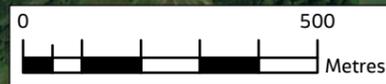
Drawing Title
 Figure 5.82
 Methods of Construction

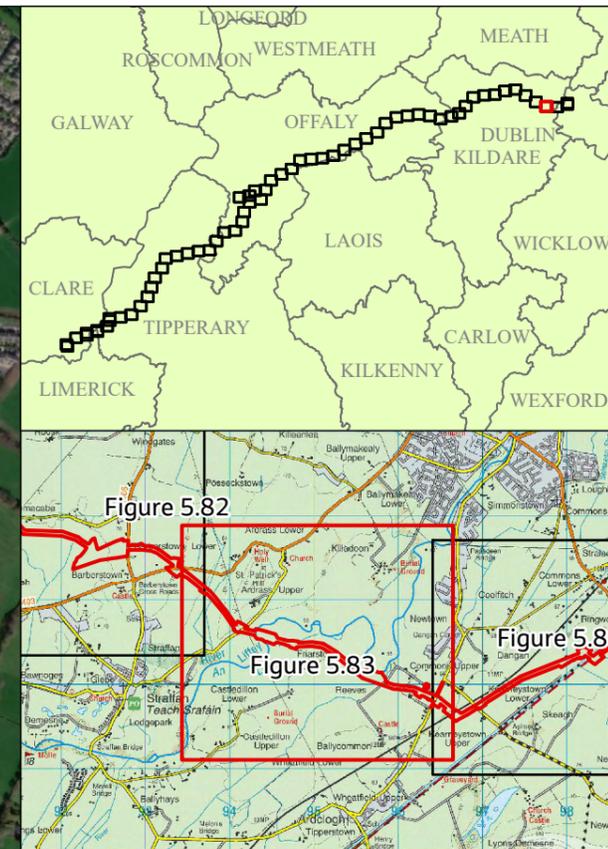
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Note: Planning Application Boundary is for information purposes only and title will be reflected in acquisition mapping





Legend

- Planning Application Boundary
- ◆ Air Valve
- ⊘ Line Valve
- Washout Valve (WB)
- Washout Valve (WA)
- Potential Tunnel/Trenchless Crossing for Overhead Power Lines
- Tunnel/Trenchless Crossing
- Tunnel/Trenchless Crossing with No Above Ground Disturbance*
- Peat (source: Teagasc)
- Proposed Construction Method 0 (up to 6m Deep Trench)
- Proposed Construction Method 1 (up to 6m Deep Trench)
- Proposed Construction Method 2 (up to 6m Deep Trench)
- Proposed Construction Method 3 (up to 4m Deep Trench)
- Proposed Construction Method 4 (up to 4m Deep Trench)
- No Peat Identified in Ground Investigation

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Project

Water Supply Project
Eastern and Midlands Region

Drawing Title

Figure 5.83
Methods of Construction

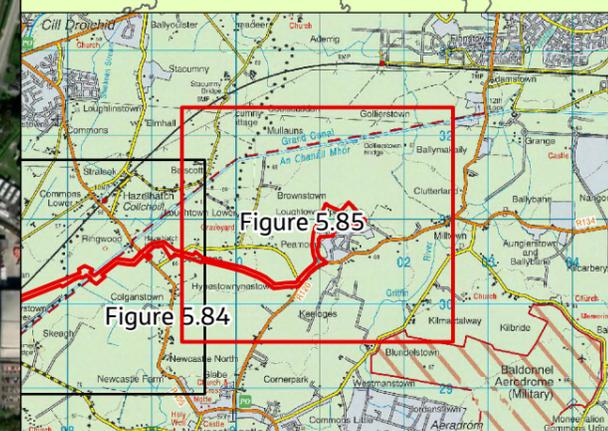
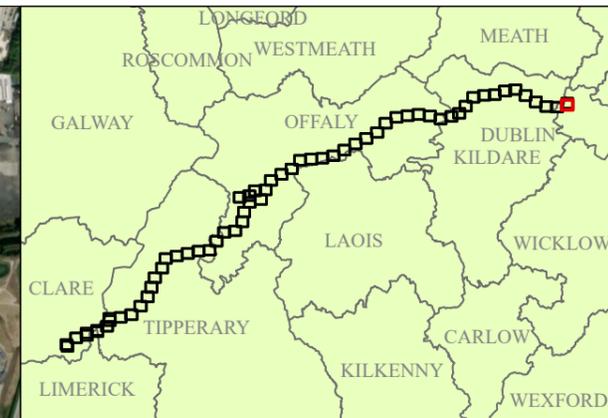
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Legend

Planning Application Boundary	Proposed Construction Method 1 (up to 6m Deep Trench)
Air Valve	Proposed Construction Method 2 (up to 6m Deep Trench)
Washout Valve (WB)	Proposed Construction Method 3 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing	Proposed Construction Method 4 (up to 4m Deep Trench)
Tunnel/Trenchless Crossing with No Above Ground Disturbance*	No Peat Identified in Ground Investigation
Peat (source: Teagasc)	
Proposed Construction Method 0 (up to 6m Deep Trench)	

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

F02	01/12/25	Final - Planning Application	PG	PW	DS	SW
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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Client

Project
 Water Supply Project
 Eastern and Midlands Region

Drawing Title
 Figure 5.85
 Methods of Construction

Drawing Status	Final - Planning Application		
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Client No.	9318		
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