

Preliminary Safety & Health Plan - Surveys

Lower Tinnahinch Weir Refurbishment and Rock Fish Pass

Report No. TWF-AYE-XX-XX-RP-PM-0002

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Preliminary Safety & Health Plan - Surveys

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Contents

[1] Preface.....	1
[2] Introduction.....	2
[2.1] Preliminary Safety and Health Plan	2
[2.2] Principles of Prevention	2
[2.3] Safety Objectives and Current Legislation	3
[2.4] Particular Risks	3
[3] General Description of the Works	5
[3.1] Site Location	5
[3.2] Scope of Works	6
[3.2.1] Geotechnical Investigations (GI).....	6
[3.2.2] Topographic & Riverbed Bathymetry.....	7
[3.2.3] Structural Condition Survey	7
[4] Nature of Project.....	8
[4.1] Project Team	8
[4.2] Contact Details	8
[4.3] Site Welfare Facilities	9
[4.4] Notification to Health and Safety Authority	9
[4.5] Location/Layout of the Works	9
[4.6] Site Restrictions	9
[4.6.1] Access Restrictions	9
[4.6.2] Site Security.....	9
[4.6.3] Material Selection/Disposal	9
[4.6.4] Restrictions of Working Hours	10
[4.6.5] Safety Information.....	10
[4.6.6] Land Use.....	10
[4.6.7] Site Hazards	10
[4.7] Other Work Activities	10
[5] Project Timescale	11
[6] Particular Risks.....	12

[6.1]	General Works involving Particular Risks.....	12
[6.2]	Designer's Assessment Record.....	12
[6.3]	Summary of Particular Risks Identified.....	12
[7]	Additional Information.....	16
[7.1]	Contractor's Design	16
[7.2]	Existing Services	16
[7.3]	Sequence of Working	17
[7.4]	Traffic Management.....	17
[7.5]	Emergency Contacts	17
[8]	Site Rules	19
[9]	Continuing Liaison	20
[9.1]	Liaison Procedures	20
[10]	Safety File.....	23
	Appendix A – Scope of Works Drawing	A
	Appendix B – PSCS/ PSDP Information for Safety File	B

[1] Preface

The Safety, Health and Welfare at Work Act 2005 is the primary legislation in Ireland in respect to the health and safety of persons. The duties of the employers and others such as project supervisors relating to construction activities are generally defined in Section 17 of the Act. In addition to primary legislation, the Safety, Health and Welfare at Work (Construction) Regulations, S.I. No. 291 of 2013, as amended, sets out particular requirements and responsibilities of all persons involved in construction work.

As the appointed Project Supervisor Design Process, Ayesa has prepared this Preliminary Safety and Health Plan in accordance with Section 12 of the Regulations.

In compiling this Plan, we have taken into account all potential hazards associated with the undertaking of the proposed ground investigation works, to inform the appointed Contractor of potential hazards associated with the Construction stage and so as to provide the PSCS with sufficient information to develop a construction stage Plan in compliance with Section 16 of the aforementioned regulations.

[2] Introduction

[2.1] Preliminary Safety and Health Plan

The Preliminary Safety and Health Plan, hereafter known as the Plan, has been prepared for the Lower Tinnahinch Weir Refurbishment and Rock Fish Pass.

The Plan has been prepared in accordance with Clause 12 of the Safety, Health and Welfare at Work (Construction) Regulations (SI No. 291 of 2013) as amended, hereafter known as the Regulations, by Ayesa as the appointed Project Supervisor Design Process (PSDP), acting on behalf of Waterways Ireland (the Client).

The Plan has been prepared on a preliminary basis based on information provided by the client and designers. The purpose of the Plan is to provide information on the contract works, including a record of known risks to the safe undertaking of the ground investigation works. The information contained in the Plan shall be used by the Project Supervisor Construction Stage (PSCS) of the project for the development of the Construction Stage Safety and Health Plan.

It is expected that the Contractor will be appointed as PSCS for this Project. It is a requirement of the procurement process that the nominated PSCS demonstrates that they are competent to carry out the role for these particular construction activities.

[2.2] Principles of Prevention

In the evaluation of risks and the completion of the Plan, all designers are required to carry out a specific risk assessment for all design packages. The risk assessment is undertaken with regard to the “general principles of prevention” as set out in the third schedule of the Safety, Health and Welfare Act of 2005 (No. 10 of 2005). They include, in decreasing order of preference:

1. Avoid the risk entirely;
2. Evaluate unavoidable risks;
3. Combat risks at sources;
4. Adapt work to the individual, especially the design of places of works;
5. Adapt the place of work to technical progress;
6. Replace dangerous articles, substances, or systems of work by non-dangerous or less dangerous articles, substances or systems;
7. Use collective protective measures over individual measures;
8. Develop an adequate prevention policy;
9. Give appropriate training and instruction to employees.

[2.3] Safety Objectives and Current Legislation

Regarding all persons and site activities, the Contractor shall provide for and ensure compliance with all Health, Safety and Welfare Standards and Regulations arising from the works and between the Employer and the Contractor. The Contractor shall be responsible for the health and safety of all persons employed on the site, whether under his direct control or not. The Contractor shall ensure that safe practices and work methods are always adopted. The following list of legislation and regulations is non-exhaustive:

- The Safety, Health and Welfare at Work Act 2005, S.I. No.10/2005
- The Safety, Health and Welfare at Work (Construction) Regulations 2013, S.I. No.291/2013
- The Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2018, S.I. No.299/2007
- Construction Sector C-19 Pandemic, Standard Operating Procedure, the latest version available at <https://cif.ie/coronavirus/>
- Code of Practice for Safe Use of Cranes in the Construction Industry, I.S. 360:2019
- Guide to the Safety, Health and Welfare at Work (Construction) (Amendment) (No. 2) Regulations 2008, S.I. No.423/2008
- Revised Code of Practice for the Design and Installation of Anchors Amended 2017, Health & Safety Authority
- Revised Code of Practice for Working in Confined Spaces Amended 2017, Health & Safety Authority
- Code of Practice for Avoiding Danger from Underground Services 2010, Health & Safety Authority
- Code of Practice for Avoiding Danger from Overhead Electricity Lines 2019, ESB Networks
- Safe Use of Ladders Information Sheet 2007, Health & Safety Authority
- Safe Use of Work Platforms/Trestles 2007, Health & Safety Authority
- Guidance for the Control and Management of Traffic at Roadworks (2010), Department of Transport and Health & Safety Authority
- Code of Practice for Temporary Works Procedures and the Permissible Stress Design of Falsework, BS 5975:2008+A1:2011

[2.4] Particular Risks

The Plan contains information on known or foreseeable risks including, but not limited to, those referred to in Schedule 1 of the Regulations as “Particular Risks”; namely:

1. Work which puts persons at work at risk of -
 - a. Falling from a height,
 - b. Burial under earthfalls, or
 - c. Engulfment in swampland,

where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or construction site;

2. Work which puts persons at work at risk from chemical or biological substances constituting a particular danger to the safety and health of such persons or involving a statutory requirement for health monitoring;
3. Work with ionising radiation requiring the designation of controlled or supervised areas as defined in Directive 96/29/Euratom²;
4. Work near high voltage power lines;
5. Work exposing persons at work to the risk of drowning;
6. Work on wells, underground earthworks and tunnels;
7. Work carried out by divers at work having a system of air supply;
8. Work carried out in a caisson with a compressed-air atmosphere;
9. Work involving the use of explosives;
10. Work involving the assembly or dismantling of heavy prefabricated components.

Other particular risks, not referred to in Schedule 1 of the Regulations have been considered and are presented in Section 6.

[3] General Description of the Works

[3.1] Site Location

The site of Tinnahinch Weir is location on the River Barrow which forms the boundary between County Kilkenny and County Carlow. The weir is approximately 1km south of Graiguenamanagh Bridge, as shown in Figure 3-1.

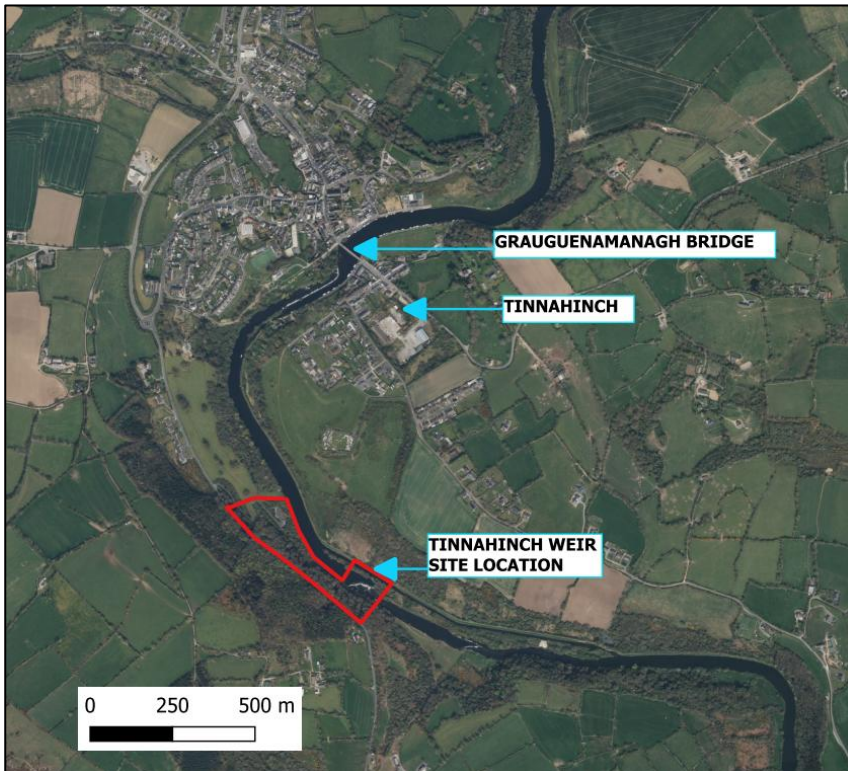


Figure 3-1: Site Location

The layout of the site is shown in Figure 3-2 and can accessed via the existing Uisce Éireann Wastewater treatment plant (WwTP) access road via the R705 public road.

An existing pathway extends from the WwTP, along the right bank of the River Barrow, through a forested/vegetated area to the weir which will eventually form the construction temporary access road.

The works are to be carried out along the existing access track, along the banks of the River Barrow and within the River Barrow channel.

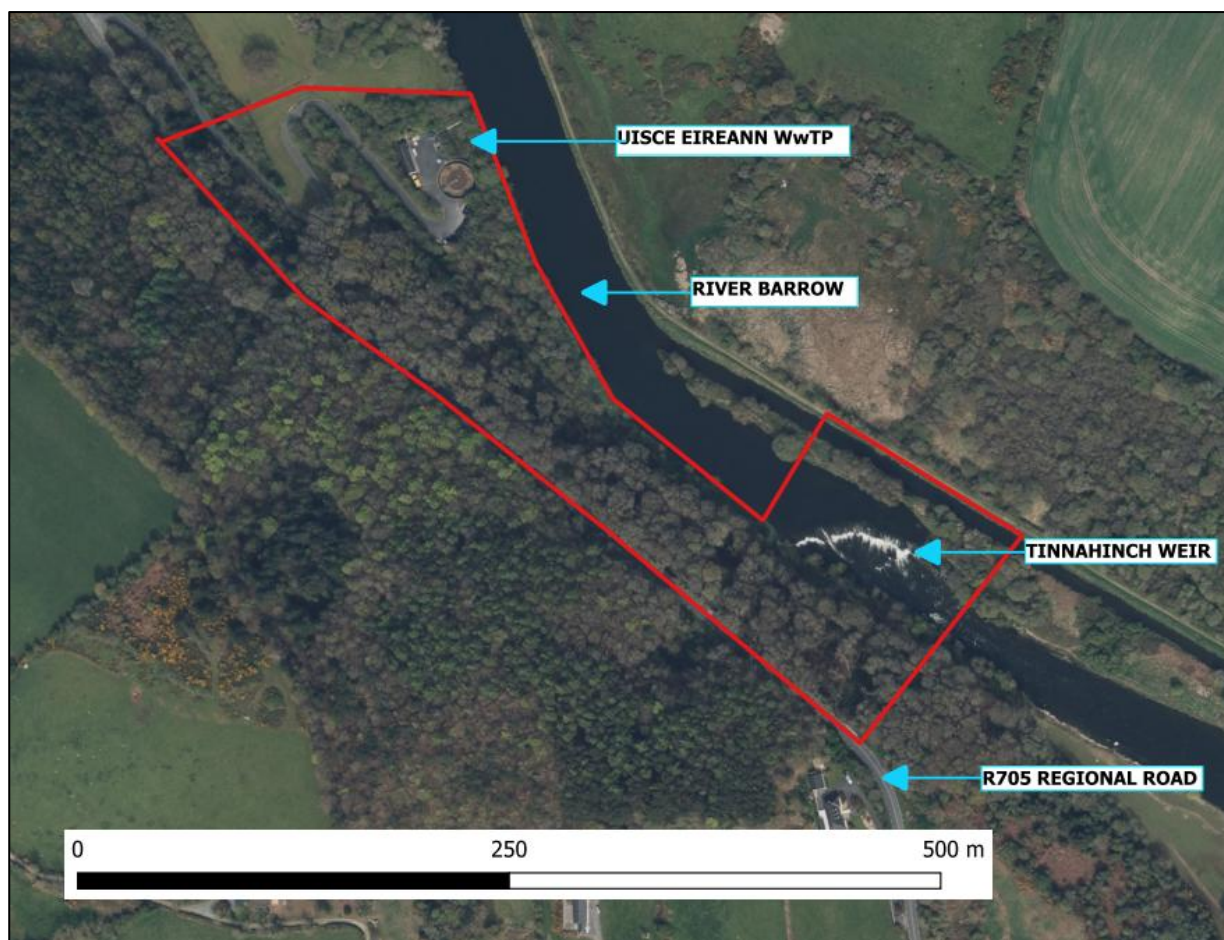


Figure 3-2: Site Layout

[3.2] Scope of Works

For a full description of the survey work scope and specification, refer to the project specific Particular Specification TWF-AYE-ZZ-XX-SP-GE-0001 for the GI and TWF-AYE-XX-XX-SP-PM-0002 for the Topographic, Bathymetric & Condition Survey Works. The Survey works comprises of the following:

[3.2.1] Geotechnical Investigations (GI)

- Cable percussion to maximum depth of 10m BGL
- Insitu SPT N testing in all boreholes.
- Insitu permeability testing in selected boreholes where ground conditions allow.
- Trial pits to 3m BGL or effective refusal.
- Geophysical Surveying
- Grab samples
- In-situ and laboratory geotechnical testing.
- Laboratory environmental testing.
- Standard re-instatement of works for all locations.

[3.2.2] Topographic & Riverbed Bathymetry

- Access track which extends from the Uisce Eireann wastewater treatment plant access track to the Lower Tinnahinch Weir structure (approximately 1400m² area).
- Weir structure including upstream and downstream riverbed channel and adjacent (right) riverbank (approximately 12,200m² area).

[3.2.3] Structural Condition Survey

- Non-intrusive structural condition survey of the weir
- Underwater photographic & videographic survey of the full length of the weir.
- Damage & defects to be photographed and recorded with GPS co-ordinates.
- Quantify dimensionally all defects encountered.

[4] Nature of Project

[4.1] Project Team

Client

Name: Waterways Ireland

Address: Waterways Ireland, 2 Sligo Road, Enniskillen, Co. Fermanagh, BT74 7JY

Project Supervisor Design Process

Name: Ayesa Engineering

Address: Building 2100, Cork Airport Business Park, Kinsale Road, Cork, T12 KV8R

Project Designer

Name: Ayesa Engineering

Address: Building 2100, Cork Airport Business Park, Kinsale Road, Cork, T12 KV8R

[4.2] Contact Details

Client

Name: James Sweeney

Contact: +44 7747 472 901

Email: james.sweeney@waterwaysireland.org

Project Supervisor Design Process

Name: Aidan Ascott

Contact: +353 21 240 7988

Email: Aidan.Ascott@Ayesa.com

Project Designer

Name: Willem Snyman

Contact: +353 (0) 1 456 4370

Email: WSnyman@Ayesa.com

Contractor – Project Supervisor Construction Stage (PSCS)

Name: TBC
Address: TBC
Contact: TBC
Phone/Fax: TBC

[4.3] Site Welfare Facilities

Welfare facilities shall be in accordance with the Regulation and shall be provided by the Contractor.

[4.4] Notification to Health and Safety Authority

As the project will not take more than 30 days or 500 man-hours notification to the HSA is not required.

[4.5] Location/Layout of the Works

The location and layout of the various elements making up the scheme are shown on the contract drawing TWF-AYE-ZZ-XX-DR-PM-0101 which is included in Appendix A.

[4.6] Site Restrictions

[4.6.1] Access Restrictions

Site restrictions include:

- Working in private property.
- Working adjacent to and in the vicinity of rivers and streams

[4.6.2] Site Security

The Contractor will be responsible for the security and safety of the site(s) for the duration of the works in accordance with all relevant safety regulations and must coordinate with the relevant landowner caretaker and/or Waterways Ireland regarding the same.

[4.6.3] Material Selection/Disposal

The Contractor will be responsible for considering the degree to which any waste material arising from the works can be disposed of off-site safely in accordance with all relevant regulations.

[4.6.4] Restrictions of Working Hours

The normal working week shall be Monday to Friday 8am until 6pm. Night and weekend working are not permitted except with the approval of the Employers Representatives.

Instream construction works are constrained by the permissible instream working season (June to September inclusive). The contractor shall prepare a programme with this constraint in mind so that all works which require channel entry are completed from June to September inclusive.

[4.6.5] Safety Information

The PSCS must provide information for inclusion in the Safety File for this project in digital format before substantial completion is certified. The information required is described in Appendix B to this Plan.

[4.6.6] Land Use

The proposed works will be carried out on both public and privately owned lands. The Contractor shall take all necessary precautions to protect persons at or in the vicinity of the Works from any possible risks, which may arise from the Works.

The works are to be carried out along the existing access track, along the banks of the River Barrow and within the River Barrow channel.

[4.6.7] Site Hazards

Works are proposed in low-lying areas in and adjacent to the River Barrow. Water levels rise rapidly on the River Barrow in response to rainfall. Water levels on the River Barrow can be accessed and reviewed on www.waterlevel.ie.

[4.7] Other Work Activities

The PSDP is not aware at the time of prepared this Plan of any other work activities to be carried out on the site at the same time as the Survey works.

Should other parties be found to be carrying out works in the vicinity of the survey works areas, then the protocol to be followed shall include making contact with these other parties and requesting a copy of their proposed programmes, to identify and resolve any potential scheduling conflicts.

[5] Project Timescale

Project Timescale: Estimated 2 Weeks (on-site works)

Timescale for the completion of construction is estimated to be 6 weeks from Commencement Date.

Note: The above timescale is based on production rates achieved on similar projects together with allowance for mobilisation, ground investigation and reinstatement works (planting and grass).

Commencement on site: On-site ground Investigation works expected to commence in July 2026.

[6] Particular Risks

[6.1] General Works involving Particular Risks

This section of the Preliminary Safety & Health Plan is prepared to highlight work involving particular risks to the health and safety of persons at work. This list has been prepared in accordance with, but not limited to, Schedule 1 of the Safety, Health and Welfare at Work (Construction) Regulations 2013 as amended and represents a non-exhaustive list of particular risks. It should be noted that some of the risks on the project may arise out of working methods which are at the discretion of the Contractor and as such cannot be determined by the PSDP at the time of writing this Plan.

The summary of particular risks identified to date is presented in Section [6.3] below and includes items of work involving particular risk to the health and safety of persons at work, or other persons affected by construction activities.

[6.2] Designer's Assessment Record

The designers of the works have considered safety during construction as a part of their design in accordance with the document "*Designing for Safety in Construction*". Their assessments are recorded in their Designer's Assessment Records (DAR). The hazards identified are listed below.

[6.3] Summary of Particular Risks Identified

Schedule 1 of the Regulations lists work that presents particular risks to the safety and health of persons at work.

Table 6.1 Ground Investigations Contract - Particular Risks

Item No	Particular Risks	Details
1	Work which puts persons at work at risk of – (a) Falling from a height, (b) Burial under earthfalls, or (c) Engulfment where work is particularly aggravated by the nature of the work or process used or by the environment at the place of work.	a) Trial pits are proposed with a depth of 3m are proposed. Contractor to implement appropriate measures. The ground conditions are expected to be soft along the riverbanks. Contractor to assess ground conditions prior to commencement of works. b) No requirement for contractor/supervisory staff to access pits is anticipated. Contractor/supervisory staff should not enter pits unless they are shored/benched excavation with safe access/exit. All site personnel to stand back from trial pit edge and avoid standing on 'long' side of pit. All pits to be backfilled immediately following completion. Contractor to submit method statement regarding all trial excavations. c) Not anticipated.

Item No	Particular Risks	Details
2	Work which puts persons at - Risk for chemical or biological substances or where the activity has a statutory requirement for health monitoring.	GI locations particularly in overgrown areas can potentially be habitat for rats and Weils disease, which is a risk. Contractor to implement appropriate safety measure to protect staff from these risks. The Contractor shall comply with all measures necessary to reduce the spread of Covid-19 as published by the Government of Ireland, Construction Industry Federation (CIF), Health Service Executive (HSE) and Health and Safety Authority (HSA).
3	Work with ionizing radiation.	Based on information currently available, this type of work will not be required as part of this project.
4	Work near high voltage lines.	All excavation locations to be cleared via CAT scan prior to dig. There are no known underground ESB cables crossing the site. The Contractor shall obtain the most up-to-date drawings prior to commencing works. Particular care to be taken in congested areas as indicated in Drawing TWF-AYE-ZZ-XX-DR-PM-0101. Overhead power lines are not anticipated on site. The Contractor is referred to the ESB publications: "Code of Practice for Avoiding Danger from Overhead Electricity Lines", September 2008, and "Avoidance of Electrical Hazards when Digging", March 2013 and subsequent amendments.
5	Work which may put persons at risk from drowning.	The works are proposed both in and adjacent to the River Barrow (ie a live river). Contractor to set up safe system of works on site including necessary barriers and edge protection from nearby watercourse. Adequate lifesaving equipment including lifebuoys should be provided as necessary. Contractor to develop safe system of works for excavations near water courses which should be detailed in the Contractors MS and RAMS for the works. The section of the River Barrow where works are proposed is not tidally influenced.
6	Work on wells, underground earth works and tunnels.	Based on information currently available, this type of work will not be required as part of this project.

Item No	Particular Risks	Details
7	Work carried out by divers at work having a system of air supply.	Proposed works include divers with air supplies. The associated diving risks, such as drowning, decompression sickness, poor visibility, and strong currents, are present in the proposed works. The contractor to use safe systems of works in relation to risks associated with diving (including but not limited to the risks raised).
8	Work carried out in a caisson with a compressed air atmosphere	This type of work will not be required as part of this project.
9	Work involving the use of explosives	This type of work will not be required as part of this project.
10	Work involving the assembly or dismantling of heavy prefabricated components	Contractor to set up a safe system of work during operations on site. All casings and heavy equipment to be properly handled on site. Adequate lifting arms or personnel to be provided to lift any castings or components of GI works.

Table 6.2 Ground Investigations Contract - Other Risks

Item No	Particular Risks	Details
11	Working in close proximity to / on the public road	Based on information currently available, this type of work will not be required as part of this project.
12	Working within a confined space	Based on information currently available, this type of work will not be required as part of this project.
13	Rig / Equipment instability	The contractor is expected to visit site and ensure they are satisfied with existing ground conditions. Contractor to inform Ayesa if slope of ground is considered unsafe for Contractor's plant and assessment will be completed to determine if hole can be removed/repositioned. If required, suitable temporary works should be designed and installed to support rigs and plant. This is to be determined by Contractor on site. Contractor to complete assessment of platform requirements for ground investigation equipment. Contractor is expected to visit site and ensure they are satisfied with ground bearing capacity for ground investigation rigs and plant at locations shown on drawings. If required, suitable temporary works should be designed and installed to support rigs and plant. This is to be determined by Contractor on site.

[7] Additional Information

[7.1] Contractor's Design

The project may include elements of a temporary nature, which are to be designed by the Contractor or his Subcontractors.

It is not anticipated that temporary works for traffic management measures will be required as part of this project. Should traffic/pedestrian management be required, a traffic management plan should be prepared in advance by the PSCS and submitted to the Employers Representative for review. Any such traffic management plan should allow for the access to all areas of the existing roads, laneways and footpaths, where available.

The Contractor shall ensure that where traffic management set up is required, the set up should allow for rapid access by emergency vehicles to the works in the event of an emergency. The Contractor shall also allow for the maintenance and management of access to private properties at all times.

[7.2] Existing Services

There are existing underground and overhead electricity cabling services in the vicinity of the survey works. The Contractor should satisfy themselves as to the exact locations of any existing overhead lines by visiting the site before commencement of the work and assessing the impact of the equipment proposed to undertake the work.

The Contractor should take every possible precaution to avoid such an encroachment into the exclusion zones of any overhead lines (refer to latest version of ESB "Code of Practice for Avoiding Danger from Overhead Electricity Lines").

Where this risk cannot be mitigated, the Contractor may need to consider a coordinated planned outage with ESB, to fully manage this risk.

The contractor shall confirm with Uisce Éireann regarding any water services in the vicinity of the survey works especially around the Tinnahinch Waste Water Treatment Plant.

A summary of the information is shown below and the information received is included within the Information Pack issued as part of the Contract Documents.

Contact Service	Contact Details
Gas Networks Ireland – Gas Mains	
'Dial Before You Dig'	1850 42 77 47 dig@gasnetworks.ie
Gas Networks Ireland Distribution Design Department.	01 602 1354
Gas Networks Ireland Transmission Mains	021 453 4000

ESB–Power supplies and street lighting	
ESB Networks, Osprey House, Lower Grand Canal Street, Dublin 2	01-7027257 01-7026558 01-7027155
Fax:	01 638 8169
Email:	dig@esb.ie
Eir - Telecommunications	
Dial 1901, request Fault Repair	1901
Post your request to:	Plan Design Bureau Administration, Eircom, Block 1C,Cumberland House, Fenian Street, Dublin 2.
‘Click Before You Dig’	https://cbyd.emaps.eircom.ie/
Uisce Éireann – Water supply & Sewerage	
Telephone:	1890 278 278

Table 7.1 Existing Service Provider Contact Details

The information provided does not relieve the Contractor from the obligation to carry out his own checks for services and to make contact with service providers prior to works commencing. The Contractor shall note that the list above is non-exhaustive and there may be other service providers not listed who should be contacted.

[7.3] Sequence of Working

No specific sequence of working is required in relation to health and safety.

[7.4] Traffic Management

It is not anticipated that temporary works for traffic management measures will be required as part of this project.

[7.5] Emergency Contacts

The following are emergency contacts for:

- Ambulance (112 or 999)

- Citizens Information Centre (+353 76 107 4000)
- Carlow District Hospital (+353 59 913 6458)
- Civil Defence (+353 66 712 8500)
- Coast Guard (+353 66 947 6109)
- Doctor On Call (1850 33 5911)
- ESB Fault and Emergency (1850 372999)
- ESB Networks (1850 205805)
- Fire Brigade (112 or 999)
- Gardai (112 or 999)
- H.S.A. (1890 289389)
- HSE Enquiries (1850 241850)
- Traffic Watch (1890 205805)

[8] Site Rules

A set of site rules for general guidance is to be developed by the PSCS. These shall include:

- Procedure for visitors;
- Use of personal protective equipment;
- Management of excavations;
- Working near live traffic;
- Working beside plant and heavy machinery;
- Collective protection measures to be adopted over individual measures;
- Control of noise and dust;
- Access, egress and parking.

[9] Continuing Liaison

[9.1] Liaison Procedures

Procedures will be required for liaison between the PSCS, the PSDP, the Contractor and designers for consideration of the following:

- a) Coordination and cooperation (duties as set out in Regulations 8, 9, 11, 12, 14, 15, 16 and 17)
- b) Health and Safety implications of items Designed by the Contractor (duties set out in Regulation 15)
- c) Unforeseen eventualities during the survey period resulting in change of survey locations and which might affect particular risks, contract timescale or have other health and safety implications.
- d) The Safety File (Regulations 8, 13 and 21)
- e) The Contractor shall make himself aware of the duties and powers of the PSDP. The Contractor will be required to co-operate with the PSDP.

In the event of an unforeseen eventuality under item c above, the Contractor shall promptly inform the PSCS and the PSDP of the eventuality.

The procedures shown overleaf shall be considered by the Contractor in order to produce the information for the Safety Plan and PSDP.

Reference	Description	Responsibility
1.1	Within one week of the date of commencement the Contractor shall provide the Project Supervisor for the Design Process (PSDP) with a schedule of all temporary works that are envisaged throughout the construction period on the attached Temporary Works Design Schedule (TWDS).	Contractor
1.2	The Contractor shall advise on the TWDS which temporary work activities require design tasks be completed.	
1.3	For activities requiring temporary works design the Contractor shall include on the TWDS the details and qualifications of the personnel taking responsibility for the temporary works design.	
1.4	The Contractor shall include on the TWDS details of the Permanent Works Designers (PWD's) that the Contractor shall consult with when preparing the temporary works designs.	
1.5	The TWDS shall be updated throughout the construction period and any changes forwarded to the PSDP.	
2	The PSDP shall issue the TWDS to all Temporary Works Designers (TWDs) and PWDs listed on the TWDS.	PSDP
3	Prior to completing the temporary works designs the Contractor shall consult with the PWDs as noted in the TWDS. The Contractor shall provide the PSDP with copies of any correspondence with PWDs.	Contractor
4	The PWDs shall co-operate with the Contractor and provide such design criteria relevant to the temporary works as may be necessary. The PWD's shall provide the PSDP with copies of any correspondence with the Contractor and / or TWD's.	Permanent Works Designers
5	The Contractor shall advise the PSDP if any of the PWDs fail to provide requested criteria relevant to the temporary works.	Contractor
6	In the event that PWDs do not co-operate with the Contractor and / or TWDs, the PSDP shall act in accordance with Regulation 14 of the Safety, Health and Welfare at Work (Construction) Regulation 2013.	PSDP
7	Upon receipt of all requested information the Contractor shall finalise the temporary works designs. The designs shall be signed off as checked and approved by the TWD's identified on the TWDS.	Contractor
8.1	At least one week prior to the commencement of the activity the Contractor shall forward the information to the PSDP: Details of the PWDs that have been consulted in preparing the temporary works designs.	Contractor

A risk assessment for the temporary works activity

Details of the residual risk

8.2	The risk assessment and details of residual risks should be prepared by the TWDs and should be signed off as checked and approved.	
9	The PSDP shall review the information and complete the attached Temporary Works Design Record (TWDR). If the information is deemed adequate it shall be filed in the Safety File. If not, it shall be returned to the Contractor with the TWDR with reasons for non-acceptance.	PSDP
10	If requested by the PSDP the Contractor shall re-submit the information before commencing the temporary works activity.	Contractor
11	If the information received is deemed adequate the PSDP shall forward the risk assessments and statement of residual risks to the PSCS for inclusion in the Safety File.	PSDP
12	The TWDS shall be updated regularly by the PSDP to record the following: Consultation by Contractor and / or TWDs with PWDs Receipt of risk assessments and residual risks Issue of risk assessments and residual risks to the PSCS	PSDP

Table 9.1 Liaison Procedures

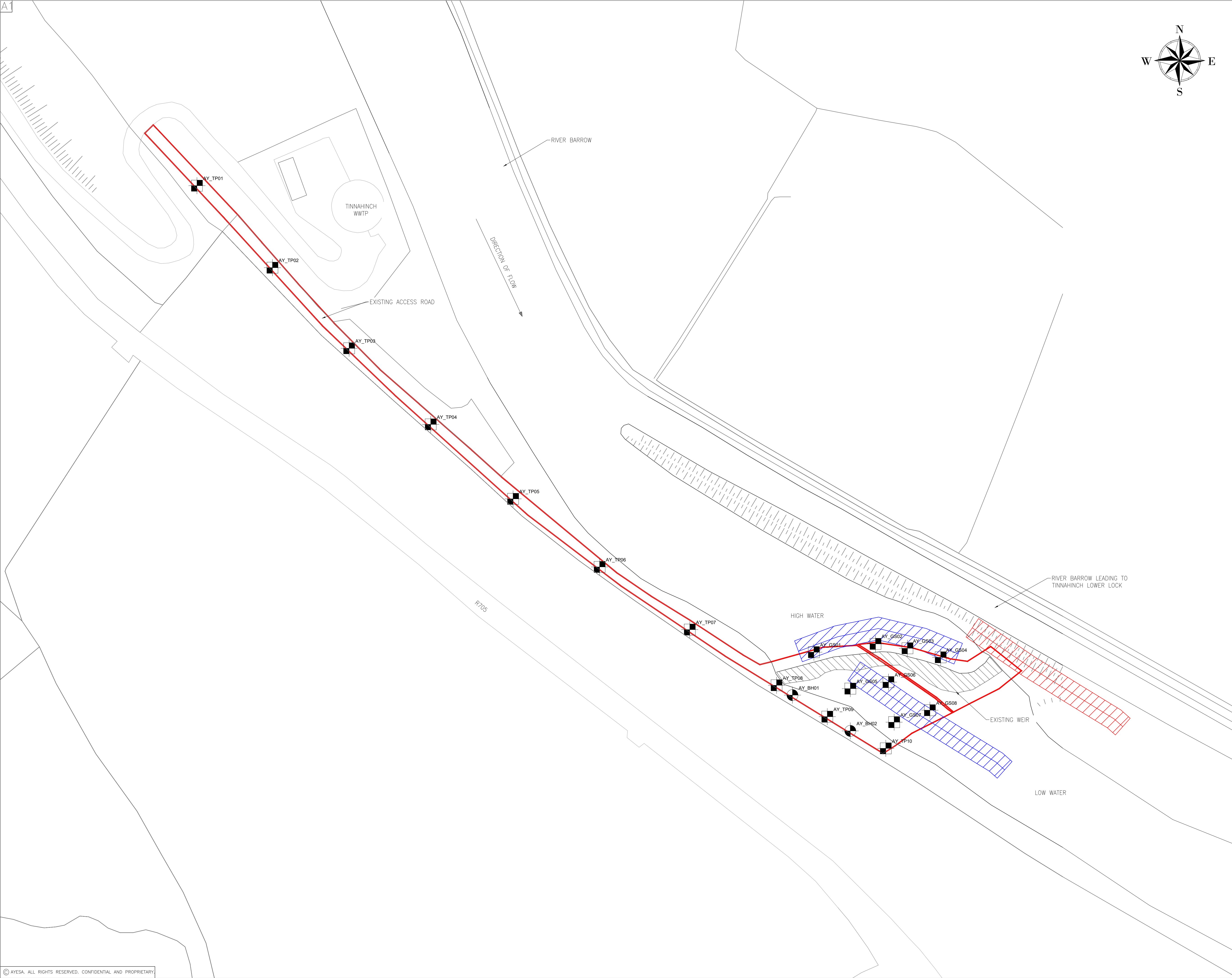
[10] Safety File

It is a requirement of the Regulations that both the PSCS and Contractor are required to assist the PSDP in complying with their legal responsibilities. This requirement extends to the completion of the Safety File. To ensure the Safety File is completed in time, the PSCS and the Contractor should provide appropriate information to the PSDP as requested. This shall contain in writing all information, relevant to the safe maintenance and repair of the works after completion, including information from the final version of the Safety and Health Plan.

The PSCS shall make arrangements for and ensure that all contractors (including main, domestic and specialist subcontractors) on the project provide all information relevant to the safe maintenance and repair of the works after completion.

Under Regulations, the PSDP must prepare a Safety File and present it to the Employer on completion of the works. In order to prepare this document, the PSDP should receive appropriate information from the Contractor (PSCS).

Appendix A – Scope of Works Drawing



SAFETY, HEALTH AND ENVIRONMENTAL

REFER TO THE PROJECT DESIGN RISK REGISTER FOR ALL SAFETY, HEALTH AND ENVIRONMENTAL RISK, INCLUDING CONSTRUCTION, MAINTENANCE AND DEMOLITION.

CONSTRUCTION:

1. SLIPS, TRIPS, AND FALLS.
2. FALL FROM HEIGHT.
3. DROWNING.
4. BIOLOGICAL SUBSTANCES.
5. SITE ACCESS & OBSTRUCTIONS.

MAINTENANCE, CLEANING AND OPERATION :

1. NOT APPLICABLE FOR SURVEYS.
2.
3.

DECOMMISSIONING OR DEMOLITION :

1.
2.
3.

BY ACCEPTING THE WORKS, THE CONTRACTOR CONFIRMS THEY HAVE THE REQUIRED COMPETENCY TO EXECUTE THE WORKS TO AN APPROVED METHOD STATEMENT.

GENERAL NOTES

1. DO NOT SCALE OFF DRAWING.
2. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
3. ALL LEVELS ARE IN METRES (m) AND TO MALIN HEAD DATUM UNLESS OTHERWISE NOTED.
4. ALL CO-ORDINATES ARE GIVEN IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR (ITM).
5. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE SURVEY SPECIFICATION WHICH SETS OUT ALL REQUIREMENTS.

SI LOCATIONS		
ID	EASTING	NORTHING
AY_TP01	670673.166	642851.384
AY_TP02	670706.428	642815.268
AY_TP03	670740.201	642777.680
AY_TP04	670776.136	642746.258
AY_TP05	670812.426	642713.468
AY_TP06	670850.543	642679.630
AY_TP07	670890.248	642655.891
AY_TP08	670928.474	642631.369
AY_TP09	670950.819	642617.548
AY_TP10	670976.591	642603.588
AY_BH01	670935.468	642627.043
AY_BH02	670960.957	642611.278
AY_GS01	670949.860	642645.949
AY_GS02	670977.500	642649.609
AY_GS03	670986.130	642647.664
AY_GS04	671000.775	642643.683
AY_GS05	670960.970	642629.896
AY_GS06	670977.770	642632.754
AY_GS07	670980.270	642615.127
AY_GS08	670996.021	642620.402

LEGEND:

— SITE BOUNDARY

LAND GEOPHYSICAL SURVEY CORRIDOR

RIVER GEOPHYSICAL SURVEY CORRIDOR

PROPOSED GRAB SAMPLE

PROPOSED BOREHOLE

PROPOSED TRIAL PIT

REV	DATE	DESCRIPTION	CHK	APP
P01	23.06.26	ISSUE FOR APPROVAL	WS	AA

CLIENT

Waterways Ireland

Uiscebhéalai Bireann Waterways Airlann

ENGINEER

ayesa

PROJECT

LOWER TINNAHINCH WEIR REFERBISHMENT & FISHPASS

DRAWING TITLE

EXISTING SITE LAYOUT

STATUS	ISSUE FOR APPROVAL	CODE	S4
Date: 17.06.26	Scale: 1:750	Drawn: JN	Chk: WS
AYESA No: C56/1297	App: AA	Rev:	
TWF-AYE-ZZ-XX-DR-MA-0002	P01		

Appendix B – PSCS/ PSDP Information for Safety File

1.00: GENERAL INFORMATION		Source of Information
1.01	The name of the Project.	PSDP
1.02	Address, site location map & associated grid coordinates of the works.	PSDP
1.03	Brief history of the development, including the general design criteria.	PSDP
1.04	Description of the Project works.	PSDP
1.05	The name and address of the Client.	PSDP
1.06	The name and address of the Employer's Representative.	PSDP
1.07	The name and address of the PSDP.	PSDP
1.08	The names and addresses of the Designer(s)	Designer(s)
1.09	The name and address of the PSCS.	PSCS
1.10	The names and addresses of the Contractor(s).	Contractor(s)
1.11	Details of all authorities plus copies of all consents and approval obtained.	PSDP / Contractor
1.12	Contract Documents.	Designer
1.13	Names, addresses, telephone for subcontractors, temporary works Designers, suppliers and manufacturers.	Contractor(s)
1.14	The Fire Safety Strategy for any buildings including drawings showing emergency escape routes, location of emergency and firefighting systems, services shut off valves, switches etc.	N/A
1.15	Ground conditions – ground investigation reports including site mark-ups detailing actual conditions encountered.	Designer / PSDP
1.16	Relevant information, as determined by the PSDP, in relation to adjacent land uses.	PSDP
1.17	Any previous Safety File.	Client (N/A)
2.00: CONSTRUCTION & EQUIPMENT INFORMATION		Source of Information
2.01	The general design criteria adopted - design assumptions and calculations pertinent to the execution of the works.	Designer

2.02	Demolition hazards identified by the Designer(s) and Contractor(s), if applicable.	Designer / Contractor
2.03	NA	
2.04	Safety and Health Plan	PSCS
2.05	Site Visit Inspection Reports	PSCS