

AtkinsRéalis



**Ground Investigation
Contract: Preliminary
Safety & Health Plan**

Mayo County Council

June 2026

100129275-ATK-XX-XX-CN-GE-000004

GREAT WESTERN GREENWAY - NEWPORT TOWN

Notice

This document and its contents have been prepared and are intended solely as information for Mayo County Council and use in relation to Great Western Greenway - Newport Town

AtkinsRéalis Ireland Limited assumes no responsibility to any other party in respect of or arising out of or in connection with this document and/or its contents.

This document has 18 pages including the cover.

Document history

Document title: Ground Investigation Contract: Preliminary Safety & Health Plan

Document reference: 100129275-ATK-XX-XX-CN-GE-000004

Revision	Purpose description	Originated	Checked	Reviewed	Authorised	Date
P01	For Review	OK	SS	SW	SW	17/06/2026
C01	For Tender	OK	SS	SW	SW	18/06/2026

Client signoff

Client	Mayo County Council
Project	GREAT WESTERN GREENWAY - NEWPORT TOWN
Job number	100129275
Client signature/date	



Contents

1.	Introduction.....	4
1.1	Description of Project	4
1.2	Contact List	5
2.	Extent and Location of Existing Records and Plans	6
3.	Communication Arrangements	7
4.	Client Considerations & Management Requirements	8
5.	Existing On-site Hazards	10
5.1	Safety Hazards.....	10
5.2	Health Hazards	10
6.	Design Considerations	12
6.1	Particular Risks identified during design reviews (non-exhaustive).....	12
6.2	Other non-exhaustive hazards – Noted during design	13
7.	Safety File.....	15
Appendix A.	Existing Utilities Drawings	17

Tables

No table of figures entries found.

Figures

No table of figures entries found.



1. Introduction

This PS&HP has been prepared as required under Regulation 12(1) (a) of SI number 291 of the 2013 Safety, Health and Welfare at Work (Construction) Regulation in order to identify exceptional features of design and construction affecting Safety and Health on Projects, from information provided by designers, the client and by reference to the contract documentation.

It is not the intention of this document to identify normal construction activities that a competent contractor/PSCS would anticipate in a project of this nature.

The information contained in this PS&HP has been prepared prior to the commencement of work on site, and therefore does not take account of any matters or information which may come to light after that time.

The Contractor and PSCS are advised that commencement of excavation or other openings up of works may reveal changes requiring reassessment of the construction / design risks. The absence of mention of items must not be deemed to be an endorsement by the client or its Consultants that such items are safe. It is recommended that the contractor/PSCS always undertake pre-construction risk assessments to enable the development of safe systems of work.

1.1 Description of Project

Project Description	The proposed cycle and pedestrian route is approx. 1100m in overall length. It will tie into the Great Western Greenway at its southern end at Kilbride townland and at the northern end it will tie into the proposed Great Western Greenway at Knocknageeha townland. A detailed ground investigation is proposed for the Great Western Greenway at Newport Town. The works will include 4 no. cable percussion boreholes with rotary follow-on, 7 no. trial pits, 2 no. window sampling, in situ testing, geotechnical and geochemical laboratory testing, and factual reporting on all aspects of the investigation.	
Programme Details	The following planned dates have been determined based on experience of the time required to complete other similar works and taking into account local constraints.	
	Approximate Start of Investigation	Approximate Date of Completion
	10/08/2026	31/08/2026
Programme Timelines	Programme timelines were initially set down based on GI Contractors estimated timelines.	
Working Hours	- Mon-Fri 08.00-18.00 - Monday to Friday with on road working (including traffic management): 09:30 to 16:30 - Sat 09:00-13:00	



1.2 Contact List

Client Details	Name: Mayo County Council
	Address: Áras an Chontae, The Mall, Castlebar, Co. Mayo, F23 WF90
	Contact Name: Hugh Kelly
	Email: hkelly@MayoCoCo.ie
	Tel / Mobile +353 (0) 94 906 4680
Project Supervisor Design Process (PSDP)	Name: AtkinsRéalis Ireland Limited
	Address: Atkins House 150 Airside Business Park Swords, Co Dublin, K67K5W4
	Contact Name: Richard Joyce
	Email: richard.joyce@atkinsrealis.com
	Tel / Mobile 01 8108000
Public Engagement / Landowner Access	Name: Mayo County Council
	Address: Áras an Chontae, The Mall, Castlebar, Co. Mayo, F23 WF90
	Contact Name: Hugh Kelly
	Email: hkelly@MayoCoCo.ie
	Tel / Mobile +353 (0) 94 906 4680
Project Supervisor Construction Stage	Project Supervisor Construction Stage (PSCS). <i>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.</i>



2. Extent and Location of Existing Records and Plans

Safety File	The Preliminary Safety and Health Plan have been prepared in accordance with the Safety, Health, and Welfare at Work (Construction) Regulations 2013, (SI No. 291 of 2013) by the Project Supervisor for the Design Process, i.e. Atkins. Contractor to provide Construction Management Plan, Risk Assessment and Methods Statements (RAMS), traffic management plans where necessary, and relevant drawings for the safety file. The expected duration of the contract works, and the particular risks associated with the project as detailed in the following sections of this document necessitate the preparation of a Preliminary Safety and Health Plan. The plan is being made available to the Contractor who will undertake the duties of Project Supervisor for Construction Stage (PSCS) who is required to develop it further into the Construction Stage Safety and Health Plan and subsequently prepare and maintain the Safety and Health File for handover to the Employer on completion of the Project. The PSDP has compiled this Preliminary Safety & Health Plan; based on the information made available by the Client and / or Designers. All persons involved in this Project have a statutory duty to provide any information to the PSDP, necessary for them to comply with their statutory duties. The proposed route of the greenway is located within the Newport Town. Prior to commencing ANY works on site, the PSCS shall request that all existing drawings or other Safety Information that is in the possession of the Client and / or utility companies is forwarded to them in order to allow them safely to carry out this project. In addition, the PSCS, prior to commencing ANY works on site, should carry out whatever site investigations they deem necessary to safely execute the project. Any drawings / information received should be treated as non-exhaustive and must be verified by the Contractor prior to commencing works
Asbestos	None made known to the PSDP. Not envisaged for the scope of works.
Utility Drawings	Utilities are shown on drawings 100129275-ATK-XX-XX-SK-CE-900501 to 100129275-ATK-XX-XX-SK-CE-900505
Existing Safety Plans	None made known to the PSDP
Other relevant records plans etc	None made known to the PSDP



3. Communication Arrangements

Liaison with Client	Appointed contractor/ PSCS shall notify the client or clients representative in advance of commencing works.
Local authority roads and traffic department	The PSCS and contractor shall - prepare risk assessments for the design and construction of all works involving interaction with road users including for temporary works taking into account all regulatory requirements and relevant guidance. - submit a construction stage safety and health plan to the local authority for review and approval of measures relating to traffic safety before commencement of the works. - apply to the roads authority for any road works speed limit orders and road closures that are required allowing for all necessary notification and approval periods - arrange to meet with the local authority, Employer's Representative, An Garda Síochána and other emergency services before the beginning of construction.
PSDP	The PSDP shall - ensure that all relevant information prepared after the issue of this Preliminary Safety and Health Plan including revisions to records of Compliance with Construction Regulations Designer Duties is passed to the PSCS. - review such documents in order to ensure appropriate measures are implemented during the construction stage to manage any residual risk identified with regard to any particular element of the works. - maintain appropriate records in relation to the distribution of documents and the issue of information to all parties involved. - be kept informed by the appointed contractor of developments in relation to traffic management.



4. Client Considerations & Management Requirements

The following communication arrangements shall be put in place for the duration of the works:

Client	Notify the HSA of a design process using form AF 1 if applicable Appoint a competent PSDP in writing. Supply all relevant Safety Files and safety information to the PSDP for inclusion in the Preliminary Health and Safety Plan. Appoint a competent PSCS in writing.
PSDP	The party appointed by the client to co-ordinate the health and safety aspects of the project's design at the planning stages, including the preparation of the Preliminary Safety & Health Plan and the safety file.
PSCS	Schedule 1 of the Safety, Health and Welfare at Work (Construction) Regulations lists ten work activities that may create particular risks. The list of particular risks is not exhaustive and PSCS may identify further work activities with particular risks. You will need to assess these and make sure appropriate controls are put in place and communicated to relevant parties e.g. employees, contractors and the Project Supervisor for the Design Process.
PSCS / Safety & Health Plan	The PSCS must comply with the Safety, Health and Welfare at Work (Construction) Regulations 2013. It is the responsibility of the PSCS to develop the Safety & Health Plan for the Construction Stage. This involves the implementation of the Safety & Health Plan, and any required amendments. All Contractors must make available to the PSCS any information that will have implications to the safe maintenance of the structure for inclusion in the Safety File, as the work progresses.
Selection of the PSCS	The successful tenderer shall be appointed as the PSCS in accordance with the Safety, Health and Welfare at Work (Construction) Regulations 2013. The PSCS will receive a copy of the Preliminary Safety & Health Plan, as part of the Contractor documents. The Preliminary Safety & Health Plan details the Particular Risks involved in this project. It shall be the responsibility of the PSCS to develop the Preliminary Safety & Health Plan into the Construction Stage Safety & Health Plan, PRIOR to commencing work on this project. The PSCS must forward a copy of the Construction Phase Safety & Health Plan to the Client / Project Supervisor for the Design Stage, for approval, PRIOR to commencing any works on site.
Contractor / Sub-Contractor	Any person engaged by the PSCS / main Contractor to carry out construction works under the direction of the PSCS / main Contractor
Safety Objectives	Zero Incidents and Zero Accidents



Arrangements for Monitoring and review	PSDP / or representative will complete an initial Site visit review. PSCS will issue regular reports to the PSDP/ Project Contact in relation to the project and status. Site inspection and review of works will be carried out by Design team representatives during the works if deemed necessary.
Permits & Authorisation requirement	Access to each exploratory is to be agreed with Mayo CoCo, two weeks prior to works commencing
Emergency Procedures	PSCS must put in place an Emergency plan for the duration of works. This must be communicated to all site staff.
Site rules	Induction training is very important in communicating key health and safety information to employees, contractors and other relevant persons when they first arrive on site. Key Actions for the PSCS ▪ When carrying out induction the following information should be communicated: ▪ Specific hazards associated with the workplace and the controls in place ▪ Roles and responsibilities ▪ Emergency procedures and First Aid arrangements ▪ Record of communication of information
Site restrictions	Client will provide restrictions related to each parcel of land before commencement of the works.
Activities on or adjacent to the site during the works	There are no known activities due to take place during the works. The majority of the site works are located within Newport town, close to the existing N59 and close to residential areas of the town.
Arrangement for Liaison between Parties.	Pre-start Meeting Ongoing Reports Email communications
Security Arrangement	Client has not set down any specific Security requirements for the project. PSCS must ensure the site and site works are secured at all times. Contractor to ensure site is secure and necessary precautions taken to keep plant and equipment safe



5. Existing On-site Hazards

5.1 Safety Hazards

Boundaries & Access	This section of the route comprises of approximately 1.1km of the greenway between the junction of the N59 and R317 at the north part of the scheme and terminates south of Newport Town. The Contractors are deemed to have visited the sites prior to submitting a tender and satisfied themselves of the suitability of their proposed plant and equipment to carry out the work and access all the exploratory hole locations for the actual site conditions (soft ground, slopes, structures, watercourses, vegetation, invasive species, traffic etc). It is the responsibility of the Contractor to ensure that access tracks are protected and secured and/or that their proposed plant/equipment is suitable to access the locations and carry out the work without causing damage. Access and any work required to access the location of each exploratory hole and carrying out the work (e.g. temporary removal of fences or gates and reinstatement, vegetation clearance etc.) is the responsibility of the Contractor as well as the reinstatement and making good any damage caused by the Contractor. All access is to be agreed with the landowners and Mayo County Council prior to starting on site.
Temporary Access	No temporary access will be required.
Adjacent Land Use	The land uses adjacent to the site are as follows: Residential properties, footways, N59 road, parks
Existing storage of Hazardous materials	None made known to PSDP
Location of Existing services	The locations of existing known services are indicated on the utility drawings included in Appendix A .
Ground Conditions	According to Geological Society Ireland (GSI), the geology of the site comprises Made Ground composed mainly of construction fill and Till derived from limestone. Based on the GSI website, the bedrock's geology of the site is underlain by bedrock of the Rockfleet Bay Limestone Formation comprising mainly of interbedded fine grained, dark limestone and calcareous shale.
Existing structures	There are several existing structures located along the route or adjacent to the route. Details of the closest structures are listed below.

5.2 Health Hazards

Asbestos (including results of survey)	Asbestos may be present in derelict buildings on private land in the vicinity of BH3 and BH4.
--	---



Existing storage of Hazardous materials	The design team are unaware of the presence of Existing storage of Hazardous material on the site - Assumed not present.
Contaminated Land	The design team are unaware of the presence of Existing structures with hazardous materials on the site - Assumed not present.
Existing structures with hazardous materials	The design team are unaware of the presence of Existing structures with hazardous materials on the site - Assumed not present.
Health Risk (arising from client activities)	Potential health risks exist due to the presence of contaminated material. Risks to personnel may arise from contact, inhalation, or ingestion during site activities.



6. Design Considerations

Design Assumptions and control measures	The design to date has been based on available topographical surveys (2024) and OS Mapping.
Co-ordination of On-going design Work & design Changes	Design is currently progressing through detailed design stage but additional design work will be undertaken prior to construction beginning.

6.1 Particular Risks identified during design reviews (non-exhaustive)

Particular Risk	Present Yes / No	Comments
(as set out in Schedule 1 of the Safety, Health and Welfare at Work (Construction) Regulations, 2013)		
Falling from a height	Yes	Risk of falling into open trial pits
Burial under earthfalls	Yes	Risk from Trial Pit Collapse
Engulfment in swampland	No	
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 legal requirement for health monitoring.	Yes	Potential exposure to Weil's disease in bog areas and respirable crystalline silica.
Work with ionising radiation requiring the designation of controlled or supervised areas as defined in Article 20 of directive 80/836/ Euratom.	No	
Work near high voltage power lines.	Yes	As denoted <u>indicatively</u> on the ESB records
Work exposing persons at work to the risk of drowning.	No	
Work on wells, underground earthworks and tunnels.	No	
Work carried out by divers at work having a system of air supply.	No	
Work carried out in a caisson with compressed air atmosphere.	No	
Work involving the use of explosives	No	
Work involving the assembly or dismantling of heavy prefabricated components	No	



6.2 Other non-exhaustive hazards – Noted during design

Additional Hazards	Present Yes / No	Comments
Work involving interaction with traffic		
▪ Locations where it is envisaged current traffic arrangements will be altered to single lane working ▪ Locations where it is envisaged road closures and diversions will be necessary ▪ Locations where restrictions will apply to working hour. ▪ Locations where restrictions will apply to the extent of work allowed at any one time ▪ Locations where temporary road widening may be required ▪ Locations where it is envisaged the minimum lateral safety zone cannot be maintained ▪ Locations where an advisory or mandatory speed limit will apply ▪ Requirements for advanced warning or variable message signage ▪ Precautionary measures required in relation to construction accesses ▪ Precautionary measures required in relation to warning signs, lights and barriers ▪ Precautionary measures required in relation to pedestrians and cyclists ▪ Precautionary measures required in relation to open excavations ▪ Precautionary measures required where traffic will be required to use a road with a temporary surface ▪ Requirements for recovery vehicles ▪ Requirements for communication of road and traffic safety measures to the public ▪ General requirement for content of the safety and health plan in relation to road and traffic safety ▪ General requirement for constant review of precautionary measures deployed to ensure appropriate traffic speed through the works	Yes	The Contractor shall give at least five (5) working days' notice to Mayo County Council's Traffic Department of any operations which may involve the use of public roads by Contractor's Plant and/or abnormally heavy volume or oversized construction traffic. Mayo County Council Traffic Department shall be fully informed of the Contractor's programme in respect of the public roads before the commencement of any operations that will impact on the road network.
Work adjacent to railway tracks	No	
Work near gas mains or installations	No	



Additional Hazards	Present	
	Yes / No	Comments
Work on or adjacent to pressure mains	Yes	Water main and other services located underground. Contractor to apply due diligence and locate all services prior to starting the intrusive work.
Works in confined spaces	No	
Works involving significant demolition	No	
Works involving significant risk of fire	No	
Works involving interaction with the public	Yes	Work site shall be fenced and secured from the public and possible third-party operatives.
Anti-social behaviour	Yes	Contractor to provide a method statement on how they will deal with any anti-social behaviour encountered. Wash hands regularly, gloves to be worn and tools used to clear any overgrown areas where discarded sharps/needles etc could be present.
Work in Confined spaces	No	
Working in areas where rodents may be present	Yes	Avoid working with cuts and abrasions on hands, avoid hand to eye and mouth contact, take vaccinations/antibiotics where appropriate, wear gloves and cover open cuts and abrasions to prevent entry of pathogen. Wash hands regularly. Take all appropriate precautions and inform through Toolbox Talk
Working adjacent to a designated Special Area of Conservation (SAC)	Yes	Erection of silt trap between drilling rig and riverbank edge.



7. Safety File

The Safety File is a record of information, prepared by the Project Supervisor Design Process (PSDP), under Regulation 13(a) & (b) of The Safety, Health and Welfare at Work (Construction) Regulations 2013.

The Safety File is a record of information for the end user of infrastructure, which focuses on safety and health in relation to the day-to-day usage, maintenance, alteration and demolition of the structure. The information contained within the file should alert those responsible for the structure and the services within it of any significant risks to safety and health that should be addressed during further works to or within the structure.

In order for the PSDP to fulfil his obligations under Regulation 13 it is necessary that they be in receipt of all appropriate information from designers, the PSCS, and other duty holders.

In order to make this task achievable co-operation between and co-ordination of all the relevant parties is essential, right from the outset of the project.

The PSCS is responsible under Regulation 21 for the co-ordination of arrangements among Contractor / PSCS to ensure the provision

Item	Information Required	Provider
1	The general design criteria adopted	Designer
2	Material and other specifications	Designer
3	Drawings	Designer
4	As built drawings	PSCS
5	Operation and maintenance manuals	PSCS
6	Certificates of test and inspection including all material testing records and records confirming specification compliance	PSCS
7	Details of the equipment and maintenance facilities provided	PSCS
8	Details of the location and nature of utilities and services	PSCS
9	Details of the location and nature of emergency and firefighting systems	PSCS



APPENDICES

Appendix A. Existing Utilities Drawings



AtkinsRéalis



Stephen Wyse
AtkinsRéalis Ireland Limited
150-155 Airside Business Park
Swords
Co. Dublin
K67 K5W4

Tel: +353 1 810 8000

© AtkinsRéalis Ireland Limited except where stated
otherwise