

Marine licence application form: construct, alter or improve any works

Marine (Scotland) Act 2010

Marine and Coastal Access Act 2009

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Section one - Acronyms and explanatory notes

Acronyms

Acronyms referred to in this application form:

EIA	Environmental Impact Assessment
MHWS	Mean High Water Springs
MPA	Marine Protected Area
MD-LOT	Marine Directorate – Licensing Operations Team
SAC	Special Area of Conservation
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
WGS84	World Geodetic System 1984

Explanatory notes

The following numbered paragraphs correspond to the questions in the application details (section four) and are intended to assist in completing the form. These explanatory notes are specific to this application form and should be read in conjunction with marine licensing guidance: <https://www.gov.scot/collections/marine-licensing-and-consent/>

1. Applicant details

The person making the application who will be named as the licensee. If an applicant is an organisation or company, the registered company address should be given.

2. Agent details (if any)

Any person acting under contract (or other agreement) on behalf of any party listed as the applicant.

3. Payment

An invoice for the application fee will be issued by MD-LOT after an application is received and initial checks have been carried out. The invoice will provide information on accepted methods of payments. Information on marine licensing fees can be found at:

<https://www.gov.scot/publications/marine-licence-application-fees/>

All payments should reference the invoice number to allow the payment to be processed efficiently and to prevent delays. Application fees should not be sent with applications prior to receiving an invoice.

4. Cost of the activity

Provide the cost of the activity seawards of the tidal limit of MHWS. This estimate should only cover work taking place below the tidal level of MHWS and must take into consideration the cost of materials, labour etc.

5. Application type

Indicate if the application is for a new construction site or an existing construction site. Provide the existing or previous marine licence reference and expiry date if applicable.

6. Scotland's National Marine Plan

Any applicant for a marine licence should consider their proposals with reference to Scotland's National Marine Plan. Scotland's National Marine Plan can be found at: <https://www.gov.scot/publications/scotlands-national-marine-plan/pages/0/>

Provide information on how the proposed activity is in accordance with Scotland's National Marine Plan, including reference to relevant policies. This should include consideration of the General Policies and any Sector Policies.

7. Activity details

- a) Give a brief description of the activity (e.g. construction of a new sea outfall). This description may be used on the marine licence if it is granted.
- b) Provide the total area of the proposed activity in square metres and total length in metres where relevant e.g. for bridges, causeways.
- c) Provide the proposed start date of the project. This must be a date in the future as marine licences are not back dated. Consideration should be given to the marine licensing process which must be completed prior to the proposed start date. Target duration for determination of a marine licence application where EIA is not required is 14 weeks.
- d) Provide the proposed end date of the activity. The proposed end date should be the maximum duration expected and should include time for contingencies.

If a marine licence to construct, alter or improve of works is granted, it will normally be valid for the duration of the activity and the licence will expire at the proposed end date. If an activity will not be completed before a marine licence expires, the licence holder must apply to vary the marine licence to update the proposed end date. If this is required, licence holders should apply to vary the marine licence to continue any ongoing work at least 14 weeks (if an EIA is not required) prior to the expiry date on the licence.

- e) Describe the location of the proposed activity.

Include a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the proposed activity.

Latitude and longitude coordinates of the activity must be provided in World Geodetic System 1984 (WGS84) degrees, decimal minutes (to three decimal places) format XX°X.XXX'N XXX°X.XXX'W or E e.g. 57°8.567'N 002°5.383'W.

Coordinates taken from recent admiralty charts or GPS equipment are likely to be available in WGS84 compatible datum and in degrees, decimal minutes format.

It is important that the correct positions, in the correct format, are included with this application, as any errors will result in the application being refused or delayed.

To supplement your application, provide photographs of the activity location and submit these with your application.

Also provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which must be marked to indicate:

- the full extent of the works in relation to the surrounding area
- latitude and longitude co-ordinates defining the location of the works

The map or chart may also show the level of MHWS and any adjacent SAC, SPA, SSSI, MPA, Ramsar or similar conservation area boundary.

Maps and charts will be consulted upon. If they are subject to copyright, it is your responsibility as the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.

f) Drawings of the licensed activity.

Drawings will be consulted upon. If they are subject to copyright, it is your responsibility as the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.

Drawings for the following works should include:

- Sewer outfalls, discharge pipes for industrial waste etc.
 - The size and description of the pipe must be shown on the longitudinal sections and details of its supports, foundations, methods of jointing and details of any tidal flaps.
- Bridges over tidal waters
 - An elevation with longitudinal and cross-sections of the bridge to a suitable scale must show the dimensions of the spans and width of piers, etc. above and below MHWS and the maximum and minimum heights of the undersides of the superstructures above MHWS. The headroom above MHWS and the width of span of the nearest bridges, if any, above and below the site must be stated.
- Tunnels under tidal waters
 - The longitudinal section of the tunnel must show the distances between the bed of the river or estuary and the top of the tunnels. Cross-sections must show the internal and external dimensions of the tunnel and particulars of construction. When a proposed future dredging level is known this must also be shown on all sections.
- Overhead cables
 - Catenary must be supplied in addition to the site plan showing the minimum clearance of the cable at MHWS and the electrical clearance allowed.

g) Indicate if the activity is located within the jurisdiction of a Statutory Harbour Authority and provide details of the Statutory Harbour Authority where relevant.

h) Provide a full method statement, including schedule of works and estimated duration of construction.

i) Provide an assessment of the potential adverse impacts which the activity may have on human health, the environment and legitimate uses of the sea. Include details of sensitive areas e.g. Special Areas of Conservation, Special Protection Areas, Sites of Special Scientific Interest, Marine Protected Areas, Ramsar sites, Priority Marine Features, National Scenic Areas, seal haul out sites, bathing waters, shellfish harvesting areas.

Further guidance on designated conservation areas can be obtained from NatureScot: <https://www.nature.scot/professional-advice/protected-areas-and-species/priority-marine-features-scotlands-seas/feature-activity-sensitivity-tool-feast>

Scotland's National Marine Plan Interactive can provide information to support applications: <https://marinescotland.atkinsgeospatial.com/nmpi/>

Guidance on shellfish harvesting areas can be obtained from Food Standards Scotland: <https://www.foodstandards.gov.scot/>. Parameters are set to protect the water quality in which edible shellfish are grown.

You should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage"

<https://www.historicenvironment.scot/archives-and-research/publications/>

Information on bathing waters can be obtained from the Scottish Environment Protection Agency: <https://bathingwaters.sepa.scot/>

Where there are potential adverse impacts from the activity, provide details of proposed mitigation, such as use of Marine Mammal Observers or Passive Acoustic Monitoring, to avoid or reduce potential adverse impacts.

8. Materials used

- a) Complete the table to indicate all the permanent materials to be used (below MHWS) to construct, alter or improve works and the quantity, dimension and weights of the materials. MD-LOT may require samples of materials to be chemically analysed.
- b) Complete the table to indicate all the materials to be removed (from below MHWS) in construction, alteration or improvement of the works (quantity, dimension and weights of the materials).
- c) Complete the table to indicate any temporary works used in construction (below MHWS) and a description of the materials used in the temporary works (quantity, dimension and weights of the materials).

9. Marine Noise Registry

The Department for Environment Food & Rural Affairs (DEFRA) and Joint Nature Conservation Committee (JNCC) developed the [Marine Noise Registry](#) (MNR) to record human activities in UK seas that produce loud, low to medium frequency (10Hz – 10kHz) impulsive noise.

There is a requirement to monitor loud, low to mid frequency impulsive noise. Activities where this type of noise is produced include seismic airguns, other geophysical surveys (<10kHz), pile driving, explosives and certain acoustic deterrent devices.

Where noisy activity is being undertaken, you must register an account with the MNR which allows you to provide details of the proposed application/activity.

The MNR collects the estimated location and date data on noisy activities (during the planning stages). This data should be provided as a proposed application/activity in the MNR and the reference number of the MNR proposed application/activity must be included in the marine licence application form. Applications for licensable marine activities that produce loud, low to medium frequency (10Hz – 10kHz) impulsive noise will not be accepted until the MNR has been completed and submitted.

10. Statutory consenting powers

Describe what (if any) statutory responsibilities you (or your client) have to consent any aspect of the activity.

11. Statutory Pre-Application Consultation

Certain activities within 0-12 nautical miles of the coast are subject to public pre-application consultation requirements. Such 'prescribed classes' of activity are often larger projects, with a greater potential for impacts on the environment, local communities and other legitimate uses of the sea.

If the activity is subject to pre-application consultation requirements, the application must include:

- the date of the notification to the consultees specified in the Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013 and a copy of the notification
- the date of the public notice for the PAC event and a copy of the public notice
- the date the PAC event was held and the type of PAC event held
- a copy of the PAC report

Statutory Pre-Application Consultation will allow those local communities, environmental groups and other interested parties to comment on a proposed development in its early stages – before an application for a marine licence is submitted. Further information can be obtained from: www.gov.scot/publications/marine-licensing-overview/

The Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013 and the Marine (Scotland) Act 2010 sets out process for complying with the Pre-Application Consultation Process.

12. Consultation (in addition to Statutory Pre-Application Consultation)

List any persons or bodies that you have consulted and provide copies of any correspondence with the application.

13. Environmental Impact Assessment (EIA)

The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (0-12nm) and the Marine Works (Environmental Impact Assessment) Regulations 2007 (12-200nm) set out a framework for assessing the significant environmental impacts of activities within Scotland's waters.

There may be a requirement for an EIA to be carried out for applications for certain projects and for an EIA report to be submitted with marine licence applications for those activities. If an EIA and EIA report is required, an EIA report must be submitted with the application.

You must indicate if the application is for an “EIA project” and provide information on any EIA screening opinions or EIA scoping opinions that have been given in relation to the proposed activity. MD-LOT checks applications against any advice given during EIA screening, including whether a project was ‘screened out’ of EIA, based on proposed mitigation.

Further information on EIA can be found at: <https://www.gov.scot/publications/marine-licensing-and-consenting-environmental-impact-assessment-requirements/>

14. Associated works

Indicate whether the application is associated with any other marine activities (e.g. land reclamation, marine/harbour construction works, dredging and sea deposit of dredged materials etc). If this is the case, provide reference/licence number for the related marine activities.

If dredging and deposit of any substances or objects is required as part of a construction activity, a separate marine licence application for the dredging and deposit of substances or objects will be required.

Section two - Register of licensing information and declaration

Important information

It is an offence to fail to disclose information or to provide false or misleading information when making an application.

Target duration for determination is 14 weeks if an EIA is not required. Note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

It is your responsibility to obtain any other consents or authorisations that may be required.

Register of licensing information

A register of marine licensing information must be maintained by the licensing authority.

Information must not appear in the register if the licensing authority determines that its disclosure in the register would adversely affect the confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest or, in relation to an application made under the Marine and Coastal Access Act 2009, the Secretary of State determines that its disclosure in the register would be contrary to the interests of national security.

Do you consider that any of the information contained within or provided in support of this application should not be disclosed (mark "X" against the relevant answer):	Yes	No
for reasons of national security		X
for reasons of confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest?		X

If yes, provide full justification as to why all or part of the information you have provided should be withheld (attach separate document if necessary).

Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

Signature:	[Redacted]	
Date:	03/11/2025	
Name in block capitals:	Tom Owens	

Section three - Application check list

Check that you provide all relevant information in support of your application, including but not limited to the following (mark “X” against the relevant section).

Completed and signed application form	X
Activity drawings	X
Maps/charts	X
Co-ordinates of the boundary points of the area of the harbour jurisdiction (if you are a Statutory Harbour Authority)	
Method statement	X
Photographs of the location of the activity	X
Additional information e.g. consultation correspondence (if applicable)	X
Noise Registry (if applicable)	
Statutory Pre-Application Consultation information (if applicable)	
EIA Report (if applicable)	
EIA screening opinion reference number (if applicable)	
EIA scoping opinion reference number (if applicable)	

Section four - Application details

1. Applicant details

Title:	
Full name:	Scottish Water
Full name of contact (if different):	Tom Owens
Company name (if appropriate):	
Registered company number (if appropriate):	
Address:	6 Buchanan Gate, Stepps, Glasgow, G33 6FB
Telephone number (including dialling code):	[Redacted]
Email:	[Redacted]

Is the applicant a Statutory Harbour Authority? If yes, provide a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the area of harbour jurisdiction using Appendix 01 Additional Co-ordinates form if necessary. Mark “X” against the relevant answer.

Yes	
No	X

2. Agent details (if any)

Title:	
Full name:	
Company name (if appropriate):	
Registered company number (if appropriate):	
Address:	
Telephone number (including dialling code):	
Email:	

3. Payment

Contact address to send invoice to:

Title:	
Full name:	
Address:	E-Invoicing through Scottish Water Tungsten Portal.
Email:	accountspayableteam@scottishwater.co.uk, cc <small>[Redacted]</small>

4. Cost of the activity

Cost of the activity sewards of the tidal limit of MHWS (£):	£50,000 - ≤ £2 million
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5. Application type

Is this application for a new or existing construction site? Mark “X” against the relevant answer.

New site	<input checked="" type="checkbox"/>
Existing site	

If an existing site, provide the marine licence reference and expiry date below.

Marine licence reference	
Expiry date	

6. Scotland's National Marine Plan

Provide details of how the proposed activity is in accordance with Scotland's National Marine Plan including reference to relevant policies. This should include consideration of the General Policies and any Sector Policies (attach separate document if necessary).

See additional sheet at end of this application

7. Activity Details

a) Provide a description of the activity (e.g. construction of a new sea outfall):

The River Nith embankment and public footpath adjacent to the WwTW and outfall has eroded and partially collapsed.

The works involve reinstating footpath and banking. Pre-filled rock roll toe protection and bank regrading with erosion control matting will be installed over approx. 312m length of embankment (of which approx 230m is below MHWS). Native planting will follow construction works. Scottish Water are collaborating with Dumfries & Galloway Council and the embankment works have been extended downstream to prevent future Core Path undercutting.

b) Total area of the proposed activity (in square metres) and / or total length (in metres):	780m ² and approx. 230m embankment length below MHWS
c) Proposed start date (target duration for determination of a marine licence application is 14 weeks):	01/05/2026
d) Proposed end date:	30/10/2027

e) Describe the location of the proposed activity:

To supplement your description, provide photographs of the activity location and submit these with your application.

Also provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart

The embankment stabilisation area is adjacent to Troqueer WwTW in Dumfries and Galloway. It incorporates council owned land adjacent to the WwTW. As shown on Location Plan (604258-AGO-ZZ-XX-DR-C-20001-P01).

Enclosed are drone images from 30-06-25. Additional photos are within the enclosed January 2025 Ecology Report.

**Latitude and Longitude co-ordinates (WGS84) defining the extent of the activity
(continue on Appendix 01 Additional Co-ordinates form if necessary):**

Latitude										Longitude										
5	5	°	0	3	‘	1	2	3	’ N	0	0	3	°	3	6	‘	7	4	6	’ W
5	5	°	0	3	‘	1	2	2	’ N	0	0	3	°	3	6	‘	7	5	0	’ W
5	5	°	0	3	‘	2	8	0	’ N	0	0	3	°	3	6	‘	6	4	1	’ W
5	5	°	0	3	‘	2	7	9	’ N	0	0	3	°	3	6	‘	6	3	8	’ W
		°			‘				’ N				°			‘				’ W
		°			‘				’ N				°			‘				’ W
		°			‘				’ N				°			‘				’ W
		°			‘				’ N				°			‘				’ W
		°			‘				’ N				°			‘				’ W
		°			‘				’ N				°			‘				’ W

f) Provide drawings of the licensed activity with the application.	Marine Licence Layout Plan Drawing No. 604258-AGO-ZZ-XX-DR-C-10011-P01. The red outlines show work areas which are below Ordnance Survey MHWS. Sections & Details shown on Drawing No. 604258-AGO-ZZ-XX-DR-C-10002-P04.
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g) Is the activity located within the jurisdiction of a Statutory Harbour Authority?

Yes	
No	X

If yes, specify which Statutory Harbour Authority.

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h) Method statement including schedule of work (attach separate document if necessary):
Enclosed are the outline Method Statement by Mackenzie Construction Limited (MS001 - Marine License Methodology revA) and a Temporary Sheet Piling Sections Drawing (2793 DRG-02 REV A). Access will be via Troqueer WwTW. To undertake the works a sheet pile cofferdam will be installed using a 90T crawler crane and barge. The coffer dam will be in two sections: one upstream and one downstream of the existing WwTW outfall. This will allow continued operation of the outfall.

i) Provide an assessment of the potential adverse impacts the activity may have (include details of sensitive areas) and proposed mitigation in response to potential adverse impacts (attach separate document if necessary):

Please see additional sheet at end of this application

8. Materials used

a) Provide a description of the permanent works and materials used in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Steel/Iron	Sacrificial sheet piles either side of outfall.	No.	
		Dimensions	approx 5m length total
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	
Plastic/ Synthetic		M ²	
Clay (< 0.004 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Silt (0.004 mm - < 0.063 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	

a) Provide a description of the permanent works and materials used in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Gravel (2.00 mm - < 64.0 mm)	Free Draining Granular Material.	Volume (m ³)	15
Cobbles (64.0 mm - < 256.0 mm)		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m ³)	
Pipe		Weight (kg/tonnes)	
		Length (m)	
		External Diameter (cm/m)	
		Diameter (cm/m)	

Other (describe below):

Vmax C500 Composite Turf Reinforcement	– 20 square metres		
Pre-filled Rock Roll	Mattresses 205 mm Thick x 1 metre wide x 2 metre long – 95 square metres		
Pre-filled Rock Rolls	300mm – 155 square metres		
Pre-filled AquaRock	Bags – 115 square metres		

b) Provide a description of the materials to be removed from below MHWS in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Removal description	Quantity & Dimensions (metric) of materials	
Steel/Iron	Steel sheet piles	No.	
		Dimensions	230 metres
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	
Plastic/ Synthetic		M ²	
Clay (< 0.004 mm)		Volume (m ³)	
		Weight (kg/tonnes)	

b) Provide a description of the materials to be removed from below MHWS in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Silt (0.004 mm - < 0.063 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Gravel (2.00 mm - < 64.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Cobbles (64.0 mm - < 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Pipe		Length (m)	
		External	
		Diameter (cm/m)	
Other (describe below):			
Steel or aluminum	Temporary scaffold stairway	5 stairways total. 1.2m wide.	max 2 cubic metres

c) Provide a description of any temporary works and materials used in construction, alteration or improvement of the permanent works (continue on a separate sheet if necessary):

Type of material	Temporary works description	Quantity & Dimensions (metric) of materials	
Steel/Iron		No.	
		Dimensions	
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	

c) Provide a description of any temporary works and materials used in construction, alteration or improvement of the permanent works
(continue on a separate sheet if necessary):

Type of material	Temporary works description	Quantity & Dimensions (metric) of materials	
Plastic/ Synthetic		m^2	
Clay (< 0.004 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Silt (0.004 mm - < 0.063 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Gravel (2.00 mm - < 64.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Cobbles (64.0 mm - < 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Pipe		Length (m)	
		External Diameter (cm/m)	
Other (describe below):			

9. Marine Noise Registry

Will loud, low to mid frequency (10Hz to 10kHz) impulsive noise be produced by the activity (mark "X" against the relevant answer)?

Yes	X
No	

If yes, provide the Marine Noise Registry – Application Reference Number:

JNCC Marine Noise Registry confirmed the works are too far inland and therefore do not fall within the MMNR remit. Therfore no MNR application required (email enclosed.).

If yes, indicate the noise generating activities and sound frequencies:

Noise Generating Activity	Sound Frequency (Hertz)
Use of Explosives	
Use of Acoustic Deterrent Devices	
Piling	
Sheet piling. high frequency, (approx. 40-50HZ,) vibrating hammer to install the sheet piles	40-50HZ

10. Statutory consenting powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this activity?

No. Planning permission is also required with Dumfies and Galloway Council.

11. Statutory Pre-Application Consultation

Is the application subject to statutory Pre-Application Consultation (mark “X” against the relevant answer)?

Yes	
No	X

If yes, provide the following information:

The date of the notification to the consultees specified:	
A copy of the notification (attach with application):	
Date of public notice for the pre-application consultation event:	
A copy of the public notice for the pre-application consultation event (attach with the application):	
Date of pre-application consultation event:	
Type of consultation event held:	
A copy of the PAC report:	

12. Consultation in addition to Statutory Pre-Application Consultation

List any persons or bodies that you have consulted (in addition to any Statutory Pre-Application Consultation requirements) and provide copies of any correspondence:
<ul style="list-style-type: none">- Dumfries and Galloway Council, Infrastructure & Transportation / Engineering Design Manager, Duncan McDonald. Regular design meetings. Temporary public footpath closure discussed.- MD-LOT confirmed MD-LOT only licence activities below MHWS and works above MHWS would be covered by a terrestrial planning application. Confirmed no PAC required. Email chain enclosed.- SEPA Permitting Team confirmed Marine Directorate are responsible for engineering licensing . SEPAs remit is a pollution control one only. Email enclosed.

- Nith District Salmon Fisheries Board (NDSFB) discussed fish sensitivities, INNS Management and construction methodology via Teams call on 17-10-25. Summary meeting notes enclosed.
- Dumfries and Galloway Council Archaeologist confirmed no known historic environment issues in relation to the proposed works.
- JNCC Marine Noise Registry confirmed inland work location does not fall within the MNR remit and therefore an application is not required (email enclosed).

13. Environmental Impact Assessment

Mark "X" against the relevant answer:

	Yes	No
Is the proposed activity an “EIA project” or part of an EIA project?		X
Does the proposed activity fit a description in schedule 1 (0-12 nm) or schedule A1 (12-200 nm) of the relevant EIA regulations?		
Does the proposed activity fit a description in schedule 2 (0-12 nm) or schedule A2 (12-200 nm) of the relevant EIA regulations?		

Have you attached an EIA report? Mark "X" against the relevant answer?

Yes	
No	

Provide any relevant EIA screening or scoping opinion reference numbers related to the activity (if applicable):

Screening opinion reference number:	
Scoping opinion reference number:	

14. Associated works

Provide details of other related marine activities, including marine licence reference numbers (if applicable):

6. Scotland's Marine Plan

GEN 3 Social benefit: The proposed works protects the Troqueer WwTW public infrastructure which serves the community. The works will allow the Mavis Grove public footpath to re-open.

GEN 6 Historic environment: No heritage sites will be impacted by the works. The Dumfries & Galloway Council's Archaeologist has been consulted and confirmed no further archaeological input is required.

GEN 7 Landscape/seascape: Following completion of embankment construction works, native planting will be implemented. The Nith District Salmon Fisheries Board (NDSFB) will assist with planting to ensure suitable native plants of local provenance are used.

The works area is not within a National Scenic Area and the Nith Estuary National Scenic Area is located approx. 2km downstream from the closest works extent.

GEN 8 Coastal process and flooding: the erosion stabilisation design provides future protection to Troqueer WwTW.

GEN 9 Natural heritage: There are no connected Marine Protection Areas. The closest statutory nature conservation designations are located approx. 2.6km downstream of the closest works extent. These designations include the Solway Firth Special Area for Conservation (SAC) is designated for its habitats and lamprey populations, Solway Firth Special Protection Area (SPA) is designated for its internationally important bird populations; Upper Solway Flats and Marshes Ramsar site is designated for its birdlife and natterjack toad, and Upper Solway Flats and Marshes Site and Site of Special Scientific Interest (SSSI) is designated for its habitats, birdlife and natterjack toad. Best practice pollution prevention measures will be implemented and given the distance to these sites negative impacts to qualifying species and habitats is unlikely.

There is a strip of designated Ancient Woodland (of semi-natural origin) approx. 55m from the most southerly bank protection extent. No works will be occurring within this non-statutory designation.

An ecological walkover survey was undertaken in January 2024 and updated in January 2025. The report is enclosed. Two Japanese knotweed stands were identified within and adjacent to the work area. Buddleia INNS was identified within the WwTW eastern boundary fence. The survey identified nesting bird habitat and otter moving along the River Nith. Vegetation removal will be programmed outwith the nesting bird season and best practice mitigation will minimise construction risk to otter movements. INNS management is detailed under GEN10 below.

GEN10 Invasive Non-Native Species (INNS): Two stands of Japanese knotweed have been identified, including one stand on the bank reinstatement area. The NDSFB also identified Himalayan balsam growing throughout the embankment work area and is widespread along the River Nith. Giant hogweed is reported at the downstream work extent. Buddleia is present within the WwTW on the south WwTW boundary. NDSFB advise that North American Signal Crayfish are present within these brackish waters.

The NDSFB have been commissioned to treat and remove the INNS where possible. Any signal crayfish within the cofferdam will be removed by NDSFB during electrofishing fish rescues and dispatched under licence. A robust biosecurity management plan will be implemented to prevent the spread of INNS, this will include dedicated washdown area to prevent moving soils on vehicles/ machinery/ boots elsewhere on site/ to other areas. All site workers will be briefed with INNS toolbox talks as part of site inductions. Any soil removal will be treated as a controlled waste.

GEN 11 Marine litter: The proposed work will not involve generation of marine litter.

GEN 12 Water quality and resource: Robust, best practice, water pollution prevention measures will be implemented during construction to prevent watercourse pollution.

GEN 13 Noise: There will be potential construction noise disturbance. Sheet piling is potentially most disturbing (see Section 9). There will be no operational noise associated with the proposed development.

GEN 14 Air quality: There will be no anticipated impact on air quality with the proposed development.

i) Provide an assessment of the potential adverse impacts the activity may have (include details of sensitive areas) and proposed mitigation in response to potential adverse impacts (attach separate document if necessary):

Water pollution - a cofferdam will be installed for duration of embankment stabilisation works which will contain the works area and protect the watercourse as per the Method Statement. Best practice measures will be implemented to prevent water pollution. These include silt fencing and dewatering the cofferdam via sedimats and land soakaway.

Flooding – The cofferdam piles will be to Highest Astronomical Tide height. Tides, weather forecast and river flow levels will be monitored throughout works. Additional dewatering of cofferdam may be required in extreme circumstances.

Fisheries -The project has been discussed with the Nith District Salmon Fisheries Board (NDSFB). Key fish sensitive periods for this tidal zone are the downstream seaward smolt run Mid-April to June and upstream movement of larger fish February to November. Migrations predominately at night. Vibration sheet piling required for coffer dam installation. Piling will not be constant; there will be breaks during the day. Typically a break mid-morning & at lunch. Typical workday is Monday to Friday 8:00-16:30. No weekend works proposed and no night works. Breaks will allow continued movements of fish. The tidal works area is not suitable for fish spawning.

Fish rescues will be conducted during cofferdam installation.

Invasive Non-Native Species (INNS) - the terrestrial INNS Japanese knotweed, Himalayan balsam and potentially giant hogweed are present within the embankment works area. Buddleia is also present within the WwTW compound. The NDSFB have been engaged to treat and remove these species where possible. NDSFB advise North American Signal Crayfish are present within this stretch of the River Nith. The NDSFB will remove any signal crayfish from the cofferdam during the electrofishing fish rescue and dispatch them under licence. A robust biosecurity management plan will be implemented to prevent the spread of INNS. Any INNS infested soil removal will be considered a controlled waste.

Noise & vibration - sheet piling will be undertaken during normal work hours Monday to Friday, with no weekend or night working. There will be a Public Liaison Officer assigned to this project who will consult and update the community. Vibration and movement monitors will be installed.

Tree removal - Following completion of embankment construction works, native planting (trees and ground flora) will be implemented. The NDSFB will assist with planting to ensure suitable native plants of local provenance are used.

Ecology- tree removal will be scheduled to avoid the bird breeding season. Best practice construction measures will be implemented to avoid harm and damage to fauna.

Public Access - Mavis Grove public footpath will be temporary closed during construction. The contractor will fence off the construction site to prevent public accessing. Public information signage will be installed.