

Marine Licence Application for Construction Projects

Version 1.0

Marine (Scotland) Act 2010

Acronyms

Please note the following acronyms referred to in this application form:

BPEO	Best Practicable Environmental Option
EIA	Environmental Impact Assessment
ES	Environmental Statement
MHWS	Mean High Water Springs
MMO	Marine Mammal Observer
MPA	Marine Protected Area
MS-LOT	Marine Scotland – Licensing Operations Team
PAM	Passive Acoustic Monitoring
SAC	Special Area of Conservation
SNH	Scottish Natural Heritage
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 on the application form and are intended to assist in completing the form. These explanatory notes are specific to this application and so you are advised to read these in conjunction with the Marine Scotland Guidance for Marine Licence Applicants document.

1. Applicant Details

The person making the application who will be named as the licensee.

2. Agent Details

Any person acting under contract (or other agreement) on behalf of any party listed as the applicant and having responsibility for the control, management or physical deposit or removal of any substance(s) or object(s).

3. Payment

Indicate payment method. Cheques must be made payable to: The Scottish Government.

Marine licence applications will not be accepted unless accompanied by a cheque for the correct application fee, or if an invoice is requested, until that invoice is settled. Target timelines for determining applications do not begin until the application fee is paid.

4. Application Type

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

5. Project Details

- (a) Give a brief description of the project (e.g. construction of a new sea outfall).
- (b) Provide the total area of proposed works in square metres.
- (c) Provide the proposed start date of the project. The start date will not be backdated, since to commence a project for which a licence has not been obtained will constitute an offence, which may result in appropriate legal action. A licence is normally valid for the duration of the project but not exceeding 3 years. If a project will not be completed before a marine licence lapses, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing work at least 14 weeks prior to the expiry date of the licence. **Target duration for determination of a marine licence application is 14 weeks.**
- (d) Provide the proposed completion date of the project.
- (e) Provide the cost of the works 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 fees etc.

- (f) Describe the location of the proposed works. Include a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the proposed project. WGS84 is the World Geodetic System 1984 and the reference co-ordinate system used for marine licence applications. Co-ordinates taken from GPS equipment should be set to WGS84. Coordinates taken from recent admiralty charts will be on a WGS84 compatible datum. Ordnance survey maps do not use WGS84. In a few cases, (e.g. laying of long pipelines) it may only be practicable to supply co-ordinates for the start and end points.

Example: For positions read from charts the format should be as in the example: 55°55.555'N 002°22.222'W (WGS84). The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the format should be as in the example: 55°55'44"N 2°22'11"W (WGS84).

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, please provide photographs of the project location and submit these with your application. Please 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 level of MHWS;
- any adjacent SAC, SPA, SSSI, MPA, Ramsar or similar conservation area boundary.

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

Sewer outfalls, discharge pipes for industrial waste etc. The size and description of the pipe must be shown on the longitudinal sections and also 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 project 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 the ultimate fate of the structure.
- (i) Provide assessment of the potential impacts the works may have, including interference with other uses of the sea. Please include details of areas of concern e.g. designated conservation areas, such as a SAC, SPA, SSSI, MPA or Ramsar site and shellfish harvesting areas. Further guidance on designated conservation areas can be obtained from SNH at this website:

<http://gateway.snh.gov.uk/sitelink/index.jsp> and guidance on shellfish harvesting areas can be obtained from <http://www.foodstandards.gov.scot/> with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

Applicants 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".

Any application for beach replenishment works must be cross checked as to whether the proposed site is a designated bathing water site. If so, all physical works should ideally be done outwith the Bathing Water Season (1st June to 15th September). Further guidance on the Bathing Waters Directive (2006/7/EC) can be obtained from <http://apps.sepa.org.uk/bathingwaters/>.

Where there are potential impacts from the works, please provide details of proposed mitigation, such as use of MMOs or PAM, in response to potential impacts.

6. Deposits and/or Removals

- (a) Complete the table to indicate all permanent substances or objects to be deposited and/or removed from below MHWS. If you propose using types of substances or objects for which a specific box is not provided in the table, please describe the nature of such substances or objects in the box marked "other".
- (b) Please indicate the method of delivery of any substance(s) or object(s) to be placed below MHWS.
- (c) Where the proposed work involves salt marsh feeding, beach replenishment or land reclamation the description of the substances or objects must include details of its chemical quality. Where the substances or objects have not been chemically analysed, MS-LOT may request representative samples for analysis or require the applicant to arrange for analyses to be undertaken before the marine licence application can be determined.
- (d) If temporary deposits are required, please provide details as with the permanent deposits above. The temporary deposit location details (Latitude and Longitude WGS84) must be added to the form, and the period of time the site will be used must be provided. If granting a licence, MS-LOT will include on the document details of any area that has been approved as a temporary deposit site.

7. Disposal of Dredged Substance(s) or Object(s) at Sea

- (a) If you are proposing to dispose of any excess substance(s) or object(s) arising from the project at sea, a separate marine licence will be required (see Dredging and Sea Disposal application form). The granting of a marine licence for construction projects does not imply that a marine licence for sea disposal will also be granted as different assessment criteria are used to determine each type of application. If a separate application is being submitted for dredging and sea disposal then this must be accompanied with a BPEO report.
- (b) Provide the quantity of dredged substance(s) or object(s) for sea disposal in wet tonnes.

8. Noise Monitoring

Under the Marine Strategy Regulations (2010), there is now a requirement to monitor loud, low to mid frequency (10Hz to 10kHz) 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 complete an initial registration form for the noise registry which allows you to provide details on the proposed work. Completion of a 'close-out' form, which allows licensees to provide details of the actual dates and locations where the activities occurred, is also required within 12 weeks of the completion of the 'noisy' activity or, in the case of prolonged activities such as piling for harbour construction or wind farms, at quarterly intervals or after each phase of foundation installation.

These forms can be downloaded from:

<http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/noise-reduction>

Marine licence applications will not be accepted until this form has been completed and submitted.

9. Statutory Consenting Powers

Please describe in the answer to this question what (if any) statutory responsibilities you (or your client) have to consent any aspect of the project.

10. Scotland's National Marine Plan

Scotland's National Marine Plan has been prepared in accordance with the EU Directive 2014/89/EU, which came into force in July 2014. The Directive introduces a framework for maritime spatial planning and aims to promote the sustainable development of marine areas and the sustainable use of marine resources. It also sets out a number of minimum requirements all of which have been addressed in this plan. In doing so, and in accordance with article 5(3) of the Directive, Marine Scotland have considered a wide range of sectoral uses and activities and have determined how these different objectives are reflected and weighted in the marine plan. Land-sea interactions have also been taken into account as part of the marine planning process. Any applicant for a marine licence should consider their proposals with reference to Scotland's National Marine Plan. A copy of Scotland's National Marine Plan can be found at: <http://www.gov.scot/Publications/2015/03/6517/0>

Indicate whether you have considered the project with reference to Scotland's National Marine Plan and provide details of considerations made with reference to the policies, including but not limited to General Policies 7 and 13 (GEN 7 and GEN 13), that have been considered. If you have not considered the project with reference to Scotland's National Marine Plan please provide an explanation.

11. Pre-Application Consultation

Certain activities will be subject to public pre-application consultation. Activities affected will be large projects with the potential for significant impacts on the environment, local communities and other legitimate uses of the sea. The new requirement 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: <http://www.scotland.gov.uk/Resource/0043/00439649.pdf>

If applicable, please provide your pre-application consultation report with your application.

12. Consultation (other than carried out under pre-application consultation)

Provide details of all bodies consulted and give details of any consents issued including date of issue.

13. Environmental Assessment

- (a) Under the Marine Works Environmental Impact Assessment (EIA) Regulations 2007, there may be a requirement for certain projects to undergo an EIA and produce an ES. If EIA is required, MS-LOT will not determine a marine licence application until the EIA consent decision in respect of the marine licence application has been reached. Please confirm if the project falls under Annex I or II of Directive 85/337/EEC: <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32011L0092&from=EN> in relation to the Marine Works (EIA) Regulations 2007.

Marine licence applications for proposals which fall under the regulations will not be accepted unless a screening opinion has been issued in relation to this.

- (b) Please indicate if an EIA has been undertaken and whether it was for the marine licence application to which this application relates or for any other EIA regulator (e.g local authority). Please attach any previous ES to the application.

MS-LOT will not determine a marine licence application until the EIA consent decision in respect of any regulated activity associated with the marine licence application has been reached.

14. Associated Works

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

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It is the responsibility of the applicant to obtain any other consents or authorisations that may be required.

Under Section 54 of the Marine (Scotland) Act 2010, all information contained within and provided in support of this application will be placed on a Public Register. There are no national security grounds for application information not going on the Register under the 2010 Act.

Public Register

Do you consider that any of the information contained within or provided in support of this application should not be disclosed:

- (a) for reasons of national security; YES NO
- (b) for reasons of confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? YES NO

If **YES**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

WARNING

It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Target duration for determination is 14 weeks. Please note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

Marine licence applications will not be accepted unless accompanied by a cheque for the correct application fee, or if an invoice is requested, until that invoice is settled. Target timelines for determining applications do not begin until the application fee is paid.

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 **30/05/24**

Name in BLOCK LETTERS

Mark Soutar

Application Check List

Please check that you provide all relevant information in support of your application, including but not limited to the following:

- Completed and signed application form
- Project Drawings
- Maps/Charts
- Co-ordinates of the boundary points of the area of harbour jurisdiction (if you are a statutory harbour authority)
- Method Statement
- Photographs of the location of the project
- Additional information e.g. consultation correspondence (if applicable)
- Noise Registry – Initial Registration Form (if applicable)
- Pre-application Report (if applicable)
- Environmental Statement (if applicable)
- Payment (if paying by cheque)

1. Applicant Details

Title: Mr Initials: M Surname: Soutar

Trading Title (if appropriate): INEOS FPS Ltd

Address: PO Box 21
1 Inchyra Road
Grangemouth
FK3 9XB

Name of contact (if different):

Telephone No. (inc. dialing code): +44 (0)1224 036149

Email: mark.soutar@ineos.com

Statutory Harbour Authority? YES NO

If **YES**, please 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.

2. Agent Details (if any)

Title: Mrs Initials: A Surname: Bush

Trading Title (if appropriate): IKM Consulting LTD

Address: 39 Bo'ness Road, Grangemouth, FK3 8AN

Name of contact (if different): Amber Bush

Telephone No. (inc. dialing code): 01324 878822

Email: amber@ikmconsulting.co.uk

3. Payment

Enclosed Cheque Invoice

Contact and address to send invoice to:

Applicant Agent Other

If **OTHER**, please provide contact details:

Title: Mr Initials: C Surname: Findlay

Address: INEOS FPS Ltd, PO Box 21, 1 Inchyra Road, Grangemouth, FK3 9XB

Email: clark.findlay@ineos.com

4. Application Type

Is this application for a new construction site or an existing construction site:

New Site Existing Site

If an **EXISTING SITE**, please provide the consent/licence number and expiry date:

Consent/Licence Number	Expiry Date

5. Project Details

(a) Brief description of the project (e.g. construction of a new sea outfall):

INEOS FPS (INEOS) to provide engineering services for temporary remediation works required at the south bank of River Avon, where it passes the KG Plant in Grangemouth located at National Grid Reference NS 9497 804 9. Ongoing erosion presents a threat to the integrity of the riverbank, the surrounding areas, and the buried utilities. The area of concern comprises of a 00m long stretch of the southern riverbank which recently has suffered bank failure/collapse. Recent site visits have shown the riverbank erosion has resulted in localised widening of the river channel. The local bank failures have led to the exposure of two cables. INEOS personnel have observed the deterioration of the riverbank and the imminent threat it poses to the 33kV electric supply cables, including cables which feed the Kinnel Plant. INEOS personnel contacted ROM to provide design for temporary remediation works to support the southern riverbank and prevent damage to the buried utilities. The temporary bank stabilisation works is to provide a temporary solution to prevent further bank erosion whilst a permanent design solution and authorisation is sorted next year. In addition there is a permanent access track that needs to be installed. The track is required to access the damaged section of river banking, to enable the rock bags to be brought to site. It is proposed that this access track will remain in place permanently to allow the asset to be maintained.

The Proposed Construction Activities include:
A temporary construction activity to prevent further erosion to the riverbank and protect the integrity of the exposed cables until a permanent solution can be designed and authorised.

(b) Total area of the proposed works (in square metres):

2800 m²

(c) Proposed start date (Target duration for determination of a marine licence application is 14 weeks):

01 October 2024

(d) Proposed completion date:

31 December 2024.

Redacted s seawards of the tidal limit of MHWS:

(f) Location:

Activity South bank safeguarding bank works of the of Avon River NGR NS 94972 80420 Coordinates on this form below

The site is at the KG Plant in Grangemouth. It is bounded to the north by the No 3 Cooling Tower and 4/Z S 1 flare on the north bank of the river. To the west by Road 33 bridge and to the far east by the Grangemouth Road.

See Appendix A Continued Sections for figures and photographs of site location and Appendix 01 for proposed activities coordinates.

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

Latitude										Longitude										
Activity		°			.				' N			°			.				' W	
5	6	°	0	0	.	3	0	9	' N	0	0	3	°	4	1	.	1	5	6	' W
5	6	°	0	0	.	3	1	0	' N	0	0	3	°	4	1	.	1	4	1	' W
5	6	°	0	0	.	3	1	3	' N	0	0	3	°	4	1	.	1	3	6	' W
5	6	°	0	0	.	3	1	4	' N	0	0	3	°	4	1	.	1	3	6	' W
5	6	°	0	0	.	3	1	3	' N	0	0	3	°	4	1	.	1	4	3	' W
5	6	°	0	0	.	3	1	3	' N	0	0	3	°	4	1	.	1	5	1	' W
5	6	°	0	0	.	3	1	2	' N	0	0	3	°	4	1	.	1	6	0	' W
5	6	°	0	0	.	3	1	2	' N	0	0	3	°	4	1	.	1	6	3	' W
5	6	°	0	0	.	3	1	0	' N	0	0	3	°	4	1	.	1	6	3	' W

(g) Is the project located within the jurisdiction of a statutory harbour authority?

YES NO

If YES, please specify statutory harbour authority:

(h) Method statement including schedule of work (continue on separate sheet if necessary):

The construction activities works will require no permanent instream working. Rock bags will be lifted into position by a long reach excavator which will be positioned adjacent to the scoured area on the access road (above water level). The temporary rock bags installation, will protect the quickly deteriorating section of riverbank and exposed cables while the permanent design is progressed.

At time of writing the design drawings were in draft format, any changes will be issued to Marine Scotland. However at this stage, it is anticipated that any changes will be minimal.

A detailed method statement, schedule and drawings of all construction activities is continued in Appendix A- Continued Sections. The Contractor's full method statement is attached as Appendix E. The programme of works is attached as Appendix D.

(i) Potential impacts the works may have including details of areas of concern (e.g. designated conservation and shellfish harvesting areas) and proposed mitigation in response to potential impacts (continue on separate sheet if necessary):

The main risks from the proposed construction activities is the potential for silt or fines entering the water environment, either from runoff from stripped areas, or during the placement of the rock bags along the bank. No intrusive instream works are proposed, and rock bags will be placed one at a time using an excavator however, any bank re-shaping is required to ensure stability of the design and to tie-in the rock bags smoothly (anticipated to be minimal) a silt curtain will be deployed to capture any loose fines. On commencement of works and during any higher risk activities, including any minor areas of over hanging banking that may require re-shaping, a EnCoW will be present on site to supervise the works.

The PEA (attached as Appendix) concluded that the remediation work is not likely to have any direct or indirect impact on designated sites within 5km, as they are sufficiently distant from the proposed site location. The designated sites may be indirectly impacted due to the connectivity between the River Avon directly adjacent to the remediation site. There was also no evidence of badger, bats, otter, or reptiles during the Preliminary Ecological Appraisal survey which was carried out by KM on 22nd February 2024. Any vegetation removal is required to accommodate the works, and this is to be undertaken within the recognised breeding season (considered to be March to August, inclusive in Scotland) a nesting bird check must be carried out of all areas to be cleared, no more than 48 hours ahead of the clearance, by a suitably qualified ecologist. Japanese Knotweed and Giant Hogweed were identified in proximity to the working area and an NNS survey has been scheduled to prevent the spreading of NNS or NNS contaminated soils during the works. Based on the findings, appropriate controls will be put in place to prevent the spread and the work force will receive tool box talks.

The site operatives will be briefed ahead of works commencing on site to highlight the importance of good housekeeping and management of oils and chemicals. Protective measures will be prepared and implemented in the event of inclement weather. All works in or near the river must follow best practice measures to ensure its protection against pollution, silting and erosion. It is recommended that a pollution prevention plan is prepared for the works to manage and mitigate against potential surface water and chemical / oil pollution.

Potential impacts and proposed mitigation in response to potential impacts is continued in Appendix A- Continued Sections. The project PEA can be found as Appendix

6. **Deposits and/or Removals**

(a) **Permanent** substance(s) or object(s) to be deposited and/or removed from below MHWS (continue on a separate sheet if necessary): N/A

Type of Deposit/Removal	Deposits		Removals	
	Description	Quantity & Dimensions (metric)	Description	Quantity & Dimensions (metric)
Steel/Iron		No.		No.
		Dimensions		Dimensions
		Weight (kg/tonnes)		Weight (kg/tonnes)
Timber		No.		No.
		Dimensions		Dimensions
		Weight (kg/tonnes)		Weight (kg/tonnes)
Concrete		No.		No.
		Dimensions		Dimensions
		Weight (kg/tonnes)		Weight (kg/tonnes)
Plastic/Synthetic		m ²		m ²
Clay (< 0.004 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Boulders (≥ 256.0 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)

Pipe		Length (m)		Length (m)
		External Diameter (cm/m)		External Diameter (cm/m)
Other (please describe below):				

(b) Method of delivery of substance(s) or object(s):

The rock bags will be delivered pre-filled on flatbed trucks and dropped close to the work area/installation location. The bags have an integrated lifting point and are easily transportable within the site. Access to the installation point will be via the new access road (for delivery vehicles and construction plant). The bags will then be lifted into position using a long arm mechanical excavator

(c) For work involving salt marsh feeding, beach replenishment or land reclamation please provide the following information relating to the substance(s) or object(s) to be deposited:

Quantity (tonnes):

tonnes

Nature of substance(s) or object(s) (e.g. sand, silt, gravel etc.):

--

Source (if sea dredged state location of origin)

--

Particle size:

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**Have the substance(s) or object(s) been chemically analysed?
If YES, please include the analysis data with your application**

YES NO

(d) Temporary substance(s) or object(s) to be deposited below MHWS (continue on a separate sheet if necessary): Activity - Rock bag placement

Type of Deposit	Description	Quantity & Dimensions (metric)
Steel/Iron		No.
		Dimensions
		Weight (kg/tonnes)
Timber		No.
		Dimensions
		Weight (kg/tonnes)

Concrete		No.
		Dimensions
		Weight (kg/tonnes)
Plastic/Synthetic	Macferri MacTex H1000 and Macweb 3015 P	200 m ²
Clay (< 0.004 mm)		Volume (m ³)
		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m ³)
		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)	SHW Series 600 Class 6N Fill	40 Volume (m ³)
		76 Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)	KYOWA Eco Green 2tonne rock bag (per bag)	1 24 (60 in total) Volume (m ³)
		2t (100 in total) Weight (kg/tonnes)
Boulders (≥ 256.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Pipe		Length (m)
		External Diameter (cm/m)
Other (please describe below):		
Topsoil	Seeded	Volume: 5m ³ Weight: 7.5t
Jute Coir Matting	Maccaferri BioMac CJ350 350g	120m ²

7. Disposal of Dredged Substance(s) or Object(s) at Sea

(a) Do you intend to apply for a marine licence for sea disposal of dredged substance(s) or object(s) as part of the project?

YES NO

If **YES**, please specify nature of substance(s) or object(s) (e.g sand, gravel, silt, clay, rock etc.):

(b) Quantity of substance(s) or object(s) (wet tonnes):

wet tonnes

A separate marine licence application will be required to be submitted for sea disposal.

8. Noise Monitoring

Will loud, low to mid frequency (10Hz to 10kHz) impulsive noise be produced by the project? YES NO

If YES, which please indicate the noise generating activities and sound frequencies:

Noise Generating Activity	Sound Frequency (Hertz)
Use of Explosives	
Use of Accoustic Deterrent Devices	
Piling	
Other (please describe below):	

If you have ticked YES, please complete the Noise Registry – Initial Registration form located at: <http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/noise-reduction>

Marine licence applications will not be accepted until this form has been completed and submitted.

9. Statutory Consenting Powers

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

No statutory consenting powers.

10. Scotland’s National Marine Plan

Have you considered the application with reference to Scotland’s National Marine Plan? YES NO

If YES provide details of considerations made with reference to the policies including but not limited to General Policies 7 and 13 (GEN 7 and GEN 13), that have been considered:

This project will be delivered in a manner which will not result in the degradation to the water environment

GEN 7 Landscape/seascape The activity protects exposed utilities from further erosion within an industrial setting The PEA which was carried out on 22nd February 2024 stated no evidence found of protected species Pre construction consultation with the Forth District Salmon Fisheries Board did not raise any concerns with the proposed works

GEN 8 Coastal process and flooding The applied for activity is temporary activity it is required as a safeguarding solution until a permanent solution is found A permanent access track will also be constructed to allow future maintenance and preventing further bank deterioration

GEN 10 Invasive non native species Japanese Knotweed and Giant Hogweed was identified within close proximity to the works area during a PEA on February 22 2024 The PEA recommended an invasive species survey during the growing season to determine NNS species extent A 7m exclusion zone should be marked to prevent spread during remedial works and an invasive species specialist contractor will be contacted for management

GEN 11 Marine litter The developer of the erosion remediation works will have a Site Waste Management Plan which will outline the waste management plan to prevent any site waste entering the River Avon and the Firth and Forth Site operatives will receive tool box talks on good housekeeping practices throughout the works

GEN 12 Water quality and resource Construction works will follow C R A Document C650 Environmental Good Practice on Site and SEPA WAT SG 12 General Binding Rules for Water Run off and Discharge into Surface Water Drainage Systems Works will adhere to SEPA’s Pollution Prevention Guidelines including safe storage spill handling environmental responsibilities and safe disposal of used oils

GEN 13 Noise All works undertaken with best practicable measures and BS5228 Part 1 and Part 2 We will liaise with the Forth District Salmon Fishery Board to understand is any additional mitigations that should be in place throughout the works

If NO, please provide an explanation of why you haven’t considered the National Marine Plan?

11. Pre-Application Consultation

Is the application subject to pre-application consultation, under The Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013?

YES NO

If **YES**, please indicate the date of the public notice for the pre-application consultation event and the type of consultation event held (a copy of the public notice must be supplied with this application):

Event Type	Date

12. Consultation

List all bodies you have consulted and provide copies of correspondence:

Correspondence with other bodies such as Forth District Salmon Fishery Board, Falkirk Council and Jacobs regarding potential interactions with the Grangemouth Flood Protection Scheme (more so for the Permanent design, scheduled for 2025), and Marine Scotland can be seen in Appendix B.

13. Environmental Assessment

(a) Does the project fall under Annex I or II of the EIA Directive?

Annex I Annex II Neither

If **ANNEX I** or **ANNEX II**, please provide the screening opinion issued to you in relation to the project.

(b) **Has an EIA been undertaken:**

for the marine licence application to which this application relates
for any other EIA regulator (e.g local authority)

YES NO
YES NO

14. Associated Works

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

The proposed construction activity is a temporary in channel safeguarding solution until a permanent solution can be designed/ constructed We will be applying to Marine Scotland for a separate licence for the permanent in channel works early in 2025 with a view to completing the works before the end of 2025 Thereby all of the temporary construction works associated with the applied for activity will have been removed by the end of 2025 Associated work include a permanent access feature to allow for assets maintenance and to allow access throughout the temporary works and during the permanent works in 2025 A properly constructed haul road can minimize erosion by providing a stable surface that reduces soil disturbance This stability helps prevent sediment run off into the nearby River Avon which can harm marine ecosystems and water quality in conjunction to the above it is understood that a piled flood defence will be installed in the future as part of the Grangemouth Flood Protection Scheme (although a date of construction is not known at the time of writing) See Appendix C Flood Defence Drawing