

Marine Licence Application for Dredging and Sea Disposal

Version 1.0

Marine (Scotland) Act 2010

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 [Redacted]

I declare to the b given in this form and related papers is true.

Signature

Date

03/05/2021

Name in BLOCK LETTERS

George Bowie

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
- Maps/Charts
- Co-ordinates of the boundary points of the area of harbour jurisdiction (if you are a statutory harbour authority)
- Method Statement
- BPEO Assessment
- Analytical chemistry data (for capital projects)
- Transportation plan (dredger route to and from disposal site – if required)
- Additional information e.g. photographs, consultation correspondence
- Noise Registry – Initial Registration Form (if applicable)
- Payment (if paying by cheque)



1. Applicant Details

Title: Mr Initials: H Surname: Dempsey

Trading Title (if appropriate): Assistant Design Manager

Address: Glasgow City Council, Neighbourhoods, Regeneration &
Sustainability, Exchange House, 231 George Street, Glasgow G1 1RX

Name of contact (if different): Neil Menzies

Telephone No. (inc. dialing code): [Redacted]

Email: Neil.Menzies@glasgow.gov.uk

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. Dredging Contractor Details (if any)

Title: Initials: Surname:

If the Dredging Contractor is the Applicant shown in section 1 please tick the box

Trading Title (if appropriate): To Be Confirmed

Address:

Name of contact (if different):

Telephone No. (inc. dialing code):

Email:

3. Agent Details (if any)

Title: Mr Initials: G Surname: Bowie

Trading Title (if appropriate): Arch Henderson LLP

Address: 142 St Vincent Street, Glasgow. G2 GLA

Name of contact (if different):

Telephone No. (inc. dialing code): 0141 227 3060

Email: gbowie@arch-henderson.co.uk

4. Payment

Enclosed Cheque

Invoice

Contact and address to send invoice to:

Applicant

Agent

Other

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

Title:

Initials:

Surname:

Address:

Email:

5. Application Type

Is this application for a new dredging site or a site that has previously been dredged:

New Site Previously Dredged Site

If an **PREVIOUSLY DREDGED SITE**, please provide the following:

Consent/Licence Number	Expiry Date	Quantity (wet tonnes) dredged under consent/licence as at (date)

6. Dredging and Sea Disposal Details

(a) Brief description of the dredging and sea disposal operation:

Capital dredge to facilitate construction of a new opening pedestrian/cycle bridge between Govan and Partick, Glasgow, over the River Clyde at the confluence with the River Kelvin. Including the provision of Layby Berth at Merklands Quay.

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

02 September 2021

(c) Proposed completion date:

01 September 2023

(d) Location of Dredging:

Coordinates for dredging area as per below.
Location plan refer to drawing 205050-010 rev A and for clarity related dredge areas shown on drawings 205050-011 rev A & 205050-012 rev A

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

Dredge Area A

Latitude											Longitude										
5	5	°	5	1	.	9	0	4	'	N	-	4	°	1	8	.	5	1	5	'	W
5	5	°	5	1	.	9	0	9	'	N	-	4	°	1	8	.	5	2	9	'	W
5	5	°	5	1	.	9	0	5	'	N	-	4	°	1	8	.	4	9	3	'	W
5	5	°	5	1	.	8	9	5	'	N	-	4	°	1	8	.	5	3	4	'	W
5	5	°	5	1	.	8	9	4	'	N	-	4	°	1	8	.	4	9	9	'	W
5	5	°	5	1	.	8	9	9	'	N	-	4	°	1	8	.	5	1	5	'	W

Dredge Area B

Latitude										Longitude												
5	5	°	5	1	.	9	0	9	'	N		-	4	°	1	8	.	5	2	0	'	W
5	5	°	5	1	.	9	1	8	'	N		-	4	°	1	8	.	4	9	0	'	W
5	5	°	5	1	.	9	1	2	'	N		-	4	°	1	8	.	4	8	4	'	W
5	5	°	5	1	.	9	0	6	'	N		-	4	°	1	8	.	4	9	2	'	W
5	5	°	5	1	.	9	1	1	'	N		-	4	°	1	8	.	4	9	6	'	W
5	5	°	5	1	.	9	1	2	'	N		-	4	°	1	8	.	5	0	1	'	W

Dredge Area C

Latitude										Longitude												
5	5	°	5	1	.	8	9	1	'	N		-	4	°	1	8	.	4	9	2	'	W
5	5	°	5	1	.	8	7	8	'	N		-	4	°	1	8	.	5	1	9	'	W
5	5	°	5	1	.	8	9	3	'	N		-	4	°	1	8	.	5	4	3	'	W
5	5	°	5	1	.	9	0	7	'	N		-	4	°	1	8	.	5	3	5	'	W
5	5	°	5	1	.	9	1	7	'	N		-	4	°	1	8	.	5	1	4	'	W
5	5	°	5	1	.	8	9	9	'	N		-	4	°	1	8	.	4	8	6	'	W

Dredge Area D

Latitude										Longitude												
5	5	°	5	1	.	8	7	1	'	N		-	4	°	1	8	.	6	2	0	'	W
5	5	°	5	1	.	8	7	4	'	N		-	4	°	1	8	.	5	8	6	'	W
5	5	°	5	1	.	8	8	4	'	N		-	4	°	1	8	.	5	6	6	'	W
5	5	°	5	1	.	8	6	7	'	N		-	4	°	1	8	.	5	3	9	'	W
5	5	°	5	1	.	8	6	3	'	N		-	4	°	1	8	.	5	4	7	'	W
5	5	°	5	1	.	8	4	9	'	N		-	4	°	1	8	.	5	4	9	'	W

Dredge Area E

Latitude										Longitude												
5	5	°	5	1	.	8	5	3	'	N		-	4	°	1	8	.	6	0	5	'	W
5	5	°	5	1	.	8	4	9	'	N		-	4	°	1	8	.	5	9	6	'	W
5	5	°	5	1	.	8	5	8	'	N		-	4	°	1	8	.	5	7	4	'	W
5	5	°	5	1	.	8	6	6	'	N		-	4	°	1	8	.	5	9	2	'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W

(e) Name of Disposal Site and Oslo Code:

Cloch Point

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

Latitude										Longitude												
5	5	°	5	8	.	1	5		'	N	0	0	4	°	5	2	.	6	5		'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W

(f) Is any part of the works (dredging or sea disposal site) located within the jurisdiction of a statutory harbour authority?

YES NO

If YES, please specify statutory harbour authority:

Peelports Clydeport Limited

(g) Method statement including rate of dredging, timing of the operation and order of the areas to be dredged (continue on separate sheet if necessary):

The Dredging Contractor has not been finalized, however it is envisaged that the dredging will be carried out by conventional dredging plant. The spoil will be located directly onto split hopper barges. The split hopper barges will transport the spoil downriver to the disposal site at Cloch Point in the Firth of Clyde.

The dredging programme will be carried out to suit the build and construction of the new Clyde Crossing.

(h) 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):

Refer BPEO for details

7. Details of Substance(s) or Object(s) to be Dredged (Please provide details for each of the Dredge Areas listed in Section 5 (d) above. Continue on a separate sheet if necessary):

Dredge Area	Name of Dredge Area	Type (Maintenance or Capital)	Harbour bed, Seabed or Estuary bed?	Estimated Specific Gravity	Depth (metres)	Quantity to be Dredged per Year (wet tonnes)
A	Area 1	Capital	Estuary	2000kg/m ³	2.0m	1,250
B	Area 2	Capital	Estuary	2000kg/m ³	0.5m	100
C	North Pier	Capital	Estuary	2000kg/m ³	3.0m	4,000
D	South Pier	Capital	Estuary	2000kg/m ³	3.5m	4,750
E	South Abutment	Capital	Estuary	2000kg/m ³	2.0m	800

8. **Physical Composition of Substance(s) or Object(s) to be Dredged** (Please provide the approximate proportions as a percentage for each size range against each of the dredge site areas listed in Section 6 (d) above. Continue on a separate sheet if necessary):

Dredge Area	Clay and Silt (< 0.063 mm)	Sand ($0.063 \leq \text{Sand} < 2.0$ mm)	Pebbles, Cobbles & Boulders (≤ 2.0 mm)
A	100	0	0
B	100	0	0
C	95	5	0
D	100	0	0
E	100	0	0

9. **Details of Substance(s) or Object(s) Quality**

Have the dredged substance(s) or object(s) been chemically analysed in the last 3 years?

YES NO

10. **Details of Vessel(s) Undertaking Dredging and Sea Disposal** (please note that a marine licence cannot be issued until the vessel details have been confirmed. Continue on a separate sheet if necessary):

Vessel Name	Type of Vessel	Name and Address of Operator
Admiral Day	Grab Hopper Dredger	Boskalis Westminster Limited Westminster House, Crompton Way Segensworth West Fareham Hampshire PO15 5SS
Shoalway	Trailing Suction Hopper Dredger	Boskalis Westminster Limited Westminster House, Crompton Way Segensworth West Fareham Hampshire PO15 5SS
Tioga B	Plough Dredger	Boskalis Westminster Limited Westminster House, Crompton Way Segensworth West Fareham Hampshire PO15 5SS

11. 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	
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>

A marine licence application will not be accepted until this form has been completed and submitted.

12. Statutory Consenting Powers

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

Glasgow City Council has issued a Section 75 Order for the Project.

13. 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 including reference to the policies that have been considered:

Refer to appendix 03 attached

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

14. Consultation

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

None for this application, however the following bodies were consulted in respect to current Marine Scotland Construction Licenses application reference 00008938 including relevant correspondences.

- *Marine Coastguard Agency
- *Northern Lighthouse Board
- *SEPA
- *SNH
- *Clydeport Operations Limited
- *RYA Scotland
- *Marine Scotland
- *Crown Estate
- *Clyde Marine Planning Partnership
- *Scottish Enterprise
- *Peel Land & Property
- *Clyde Marine Services
- *Clyde Maritime Trust - The Tall Ships
- *Glasgow Science Centre
- *Waverly Excursions Limited
- *BAE Systems
- *Glasgow City Council - Local Elected Members

15. Associated Works

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

Current Marine Scotland Construction license application Ref 00008938 for the Construction of a bridge and associated works by Glasgow City Council.