

APPLICATION FOR A MARINE LICENCE TO DREDGE AND/OR DISPOSE OF DREDGE MATERIAL

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers applications under Part 4 of the Marine and Coastal Access Act 2009 on behalf of the licensing authority, the Welsh Ministers.
- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.
 - For application and supporting documents less than 10MB we can accept an additional copy via email.
 - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
 - When applications and supporting documents are hard copy only **16** copies will be required.
- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form
- Please submit marine licence applications including this form and all supporting documents **at least 4 months before the licence is required.**

Some projects may raise matters that require a significantly longer time for consideration.

These are most likely to be:

- Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
- Large scale projects with substantial volumes of material being deposited or excavated
- Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017
- Please note that an application will not be considered to be complete until sediment sampling and analysis has been undertaken. Please allow an additional **2 months** for sampling plan details and all relevant information to be submitted should sampling analysis be required.
- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

A licence fee is payable in respect of an application. Details of fees can be found on our web pages.

Please note applications will not be processed without the correct relevant fee or invoicing details.

- Payments can be made via Cheque, BACS or credit/debit card.

- Cheques should be crossed and made payable to **Natural Resources Wales**.
- For BACS payments ensure you provide the reference number (not remittance number)
- For credit/debit card payments please complete the CC1 form and submit with the application. The CC1 form can be found on our web pages

Further information on payment methods can be found on our web pages

- **All dredge and disposal activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, <http://naturalresources.wales>. The results of your WFD assessment must be attached to your marine licence application.**

- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

Your application may not be considered complete and therefore not processed until key information has been submitted. Your application may be returned if you fail to submit outstanding information within given timescales.

- Please note any licence may have conditions that must be discharged before works can commence. This will take additional time.
- If you have any queries with regards to completing this application please contact the MLT: marinelicensing@naturalresourceswales.gov.uk

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.
- Checked and acknowledged by the MLT within 21 days of receipt of application and payment
- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer
- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete
- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application, including sampling results, is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature*)
- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT
- Your application and supporting documents will be sent to for an initial consultation period of 28 days (*42 days for EIA projects*)
- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*). For EIA projects a second public notice will be required. The MLT will advise on how this should be done.

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

Application Form Structure

1. Project description and cost
2. Applicant details
3. Dredging contractor (Producer) details
4. Holder details
5. Agent details
6. Environmental Impact Assessment (EIA)
7. Current consents
8. Licensable Period
9. Duration of dredging operation
10. Dredging and/or disposal vessel(s) details
11. Method statement for dredging
12. Areas to be dredged
13. Details of materials to be dredged
14. Details of material quality
15. Construction/Land reclamation projects
16. Alternative Means of Disposal
17. Disposal at Sea
18. Conservation bodies
19. Statutory powers
20. Public register
21. Application fee
22. Declaration

Check List

Please ensure that you have included all the necessary information before you submit your application. **If any of the below are not completed in the application form, the application is likely to be considered incomplete and may be returned to you**

Item	Yes (✓)
The applicant is a legal entity?	Yes
The declaration is signed by the applicant?	Yes
Is the application fee correct?	Yes
Are the grid references/coordinates correct?	Yes
Do the coordinates match map locations?	Yes
Have all the relevant supporting documents been submitted?	Yes
Has a Water Framework Directive assessment been submitted?	Yes
Has a clear methodology been provided in the application form?	Yes
Has Protected sites information been included?	Yes
Are all the continuation sheets for application questions appended with correct corresponding numbers?	Yes

Should you have any queries regarding your application please contact the MLT via marinelicensing@naturalresourceswales.gov.uk

1. Project Description and Cost

1 (a). Project Name

Dredging and disposal activities at Shell Island Lagoon

1(b). Please provide a brief description of the proposed project, including location

Dredging and disposal activities at Shell Island Lagoon, near the inner estuary entrance of the Afon Artro.

1(c). Please provide an estimated gross cost of the project (Inc. materials and labour) for works that fall below/seaward of Mean High Water Springs (MHWS)

£50,000

1 (d). Please specify which activities you are applying for (tick all that apply)

Dredging Disposal

1(e). Please provide the annual tonnage being applied for in this marine licence application

4,000

2. Applicant Details

(this must be a legal entity such as an individual, registered company/ charity or a public body)

Title Name Surname

Company or Trading Name

Registered Address (inc. postcode)

Name of Contact (if different)

Position in Company

Telephone no. (inc. area code)

Email address

Company Registration Number

3. Dredging Contractor (Producer) Details

(The **Producer** is anyone whose activities produce the material intended to be deposited at sea)

If the **Producer** is the applicant in 2, please tick and move on to section 4

Title Name Surname

Company or Trading Name

Address (inc. postcode)

Name of Contact (if different)

Position in Company

Telephone no. (inc. area code)

Email address

Company Registration Number

If there is more than one **producer**, please continue on a separate sheet and tick box

4. Holder Details

(The **Holder** is anyone who is in possession of the dredged material prior to its deposit at sea)

If the **Holder** is the applicant in 2, please tick and move on to section 5

If the **Holder** is the producer in 3, please tick and move on to section 5

Title Name Surname

Company or Trading Name

Address
(inc. postcode)

Name of Contact
(if different)

Position in Company

Telephone no.
(inc. area code)

Email address

Company Registration Number

If there is more than one **holder**, please continue on a separate sheet and tick box

5. Agent Details

*(An **Agent** is anyone engaged to act under contract or other agreement on behalf of any party listed in 2,3 or 4 having responsibility for the control, management or deposit of the material anywhere below Mean High Water Springs). This is who we will correspond with unless otherwise informed. If there is no agent, we will contact the applicant.*

Function (eg. Sea Disposal Contractor)

Consultant

Title

Ms

Name

Beatriz

Surname

Serato

Company or Trading Name

Jacobs UK Ltd

Address
(inc. postcode)

Burderop Park
Swindon, SN4 0QD
United Kingdom

Name of Contact
(if different)

Position in Company	Senior Coastal Scientist
Telephone no. (inc. area code)	01793 816206
Email address	beatriz.serato@jacobs.com
Company Registration Number	3415971

If there is more than one **agent**, please continue on a separate sheet and tick box

Does the Applicant wish to be included in all correspondence? Yes No

6. Environmental Impact Assessment

6(a). **Have you considered the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended) on the assessment of the effects of certain public and private projects on the environment?**

Yes No

6(b). If **Yes**, which Annex do you consider they fall within? Annex I Annex II

6(c). Have you applied for a screening or scoping opinion from the **MLT** under the **Marine Works (Environmental Impact Assessment) Regulations 2007** (as amended)?

Yes No

If **Yes**, what is the reference?

SC1904 (2019) / SC1307 (2013)

6(d). Has an Environmental Impact Assessment been undertaken to support this application?

Yes No

If **Yes**, is a copy of the assessment included in this application? Yes No

6(e). Please provide an explanation if assessment has been done and a copy is **not available**.

7. Current Consents (if applicable)

7(a). Existing Licence(s)/Consent(s)
Reference Number

N/A

7(b). Expiry date

N/A

7(c). Quantity (tonnes) deposited under
Current licence at (date)

N/A

7(d). If **No** current licence/consent exists, please give reference number(s) for any historic licences(s)/consent(s) held for this operation or state if this is not applicable.

Welsh Assembly Government FEPA Licence: Licence 10/92/F

Welsh Assembly Government CPA Licence: 10/92/C

DBUML1353

8. Licensable period

Determination of your Marine Licence application will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the Requested Licence Expiry Date you may be required to submit a new application. *Including a contingency period within your original application does not impact on Licence Fee*

Start Date 01/02/2020

Requested Licence Expiry Date 01/02/2023

*Please ensure you submit your application for a Marine Licence **at least 4 months** prior to the intended start date. Some projects will take significantly longer than this to determine.*

9. Duration of Dredging and/or Disposal Operation

If your operation will not take place year round at the locations outlined in section 12, please state the expected periods when dredging and/or disposals will take place.

9(a). Proposed periods of
dredging and/or disposal operations

01/02/2020 to 31/03/2020;

9(b). Expected completion date of
dredging and/or disposal operations

31/01/2023

10. Dredging and/or Disposal Vessel(s) Details

	Operator	Name of Vessel	Vessel Registration Number	Country of Registration	Method of Deposit
(a)	N/A*	N/A*	N/A*	N/A*	25-tonne tipper

*No vessels involved in operation; a tracked Hymak excavator combined with 25-tonne tipper truck to be used.

Please continue on a separate sheet if necessary. Please tick if you have done this

11. Method statement for dredging and/or disposal operations (if applicable)

Please provide a comprehensive method statement for each dredging campaign, including type of dredging (if using different types at different locations please state), duration, and depth of proposed dredge, dredge areas and deposit areas

Dredge operations will take place during the winter months when most of the boats are removed from the water. The operation will require the mooring chains which cover the areas to be taken up to avoid damage.

The main entrance channel dredge (sandy material) will be carried out with a tracked excavator and three, 25 tonne capacity, tipper trucks. It is estimated that each truck would take approximately half an hour to fill and empty.

Each tipper truck will carry 25 tonnes of dredged sandy material from the subtidal part of the estuary, i.e., 75 tonnes will be deposited per trip from the estuary to the disposal site. The landowner estimates that 3 trips can be made per hour of work, and existing slipways will be used to transport sandy material from the dredge area, to avoid unnecessary damage to intertidal habitats. With a working window of 2.5 hours per tide, this will result in 7 or 8 truckloads of sand being deposited per tide, i.e. 200 tonnes per tide or 400 tonnes per day.

Assuming that each truck has a volume of 15 m³, and spreads this over an area of 75 m² (3 m x 25 m), eight truck loads would cover an area of 600 m² (0.06 ha) per tide, with a depth of approximately 0.2 m. The total amount of sandy material to be deposited in this way is 4000 tonnes. At 400 tonnes per day this will involve 10 days of works.

The intention is to dispose the dredged material on Bar Newydd.

If the sand were to be deposited on Llandanwg beach, there are a number of alternative routes that could be chosen, as follows:

- (i) It is understood that previous dune nourishment works have taken sand from Shell Island via a temporary causeway being built across the estuary behind the dunes at Llandanwg.
- (ii) An alternative route would be for trucks to cross the mouth of the estuary at low water on spring tides, from the tip of Bar Newydd to the foreshore of Llandanwg Beach.

Either route would require additional work to assess the potential impacts to SAC features within the estuary and between the tip of Bar Newydd and the Llandanwg Beach foreshore.

- (iii) Sand transport to Llandanwg Beach could also be achieved by transporting material on existing roads through the villages of Llanbedr and Llandanwg.

In 2020, the requirement is to carry out maintenance dredging in the main entrance channel (composed of sandy sediments) only and not the enclosed tidal basin (composed of muddy sediments).

12. Areas to be Dredged

	Name of Area to be Dredged (an annotated chart must be attached with each proposed dredge area-boundary latitude and longitude should be given in next column)	Coordinates (degrees and minutes to 2 decimal places)	Nature of Dredge (such as river, sea, harbour, estuary)	Date Area last Dredged (If known) (month and year)
(a)	Shell Island main entrance channel (composed of sandy sediments) – Area i	Coordinates provided in British National Grid 256664, 327382 (52° 49.491'N, 4° 7.724'W) 256401, 327334 (52° 49.461'N, 4° 7.957'W) 256377, 327418 (52° 49.506'N, 4° 7.980'W) 256448, 327474 (52° 49.537'N, 4° 7.919'W) 256552, 327477 (52° 49.541'N, 4° 7.826'W) 256642, 327435 (52° 49.519'N, 4° 7.745'W)	Sea/estuary	Dredging and disposal was consented in 2001. The works were only partially completed and new consents were obtained for January 2006. In 2011, new consents were obtained to dredge the entrance channel. The works were not completed and extension was granted until 2012. The works were again not completed. A new consent was obtained in 2013 and works were completed by February 2014.

--	--	--	--	--

Please continue on a separate sheet if necessary. Please tick if you have done this

13. Details of Material to be Dredged and/or Disposed

For each area listed in **10** [a to e] including any listed separately, please give the following information:

	Type of Material (Maintenance or Capital Dredge)	Specific Gravity (estimate)	Physical Composition of Materials (Approximate proportions by volume of clay/silt/sand/gravel/etc...)	Depth of Material being Removed (Approximate maximum depth in metres)	Quantity to be Dredged each year (Indicate in-situ cubic metres or metric tonnes)
(a)	Maintenance	Unknown	Results from the latest Particle size analysis undertaken in December 2019 (report attached). 75-95% very fine to medium sand 4-22% coarse sand <0.5% coarse silt	0.29m	4,000

Please continue on a separate sheet if necessary. Please tick if you have done this

Dredged and/or Disposal Material: additional information

For each area listed in **10** [a to e] including any listed separately, please give the following information:

	Type of Contamination (State if material to be deposited at sea is likely to be contaminated by any known waste discharge or man-made rubbish (e.g. scrap metal/concrete))	Type of Dredger Proposed to be Used	Any beneficial uses (inc. mitigation) for the material to be dredged (any alternatives to disposal at sea should be indicated, details in 11)
(a)	No contamination. Chemical results are attached.	No vessels; tracked Hymak excavator to be used	The intention is to dispose the dredged material on Bar Newydd, which bolsters the bar material in the short term.

Please continue on a separate sheet if necessary. Please tick if you have done this

14. Details of Material Quality

Applicants are not normally required to specify chemical quality of dredged materials for deposit, unless depositing at sea. There will usually be a requirement to submit samples for the purpose of assessing the effects of the materials on the marine environment to enable the UK to fulfil its obligations under International Conventions

14(a). Has the dredged material been chemically analysed in the past 3 years? Yes No

14(b). Can the sample be made available now if required? Yes No

If **No**, please state when they will be available

15. Construction/Land Reclamation Projects

15(a). Is the dredging operation related to a construction or land reclamation project?

Yes No

If **Yes**, have you applied for a construction or reclamation licence under **Part 4** of the **Marine and Coastal Access Act 2009**? Yes No

If you have **Not** yet applied for a construction/reclamation licence, please provide an explanation

Please continue on a separate sheet if necessary. Please tick if you have done this

16. Alternative Means of Disposal

The Licensing Authority requires applicant to have regard to the practical availability of alternative means of disposal or treatment (other than deposit at sea) when determining whether to issue a licence, in order to fulfil its responsibility.

Please state the results of your investigations to identify alternative means of disposal, including beneficial uses, or treatment of the materials, along with cost of all options, including deposit at sea.

There is an alternative option of disposing material to Llandanwg Beach. If the sand were to be deposited on Llandanwg beach, there are a number of alternative routes that could be chosen, as follows:

(i) It is understood that previous dune nourishment works have taken sand from Shell Island via a temporary causeway being built across the estuary behind the dunes at Llandanwg.

(ii) An alternative route would be for trucks to cross the mouth of the estuary at low water on spring tides, from the tip of Bar Newydd to the foreshore of Llandanwg Beach.

Either route would require additional work to assess the potential impacts to SAC features within the estuary and between the tip of Bar Newydd and the Llandanwg Beach foreshore.

(iii) Sand transport to Llandanwg Beach could also be achieved by transporting material on existing roads through the villages of Llanbedr and Llandanwg.

17. Disposal at Sea

17 (a). Do you intend to dispose of any dredged material at sea Yes* No

17 (b). Please provide the disposal site code

*N/A (beneficial use)

17 (c). Please provide the coordinates of the intended disposal site

The material will be disposed at the furthest point offshore within the nearshore sandbar at Bar Newydd, opposite to the breakwater and within the polygon below (coordinates provided in British National Grid):

256487, 327668 52° 49.6424N, 4° 7.8893W

256439, 327630 52° 49.6212N, 4° 7.9310W

256409, 327675 52° 49.6450N, 4° 7.9589W

256473, 327737 52° 49.6794N, 4° 7.9036W

18. Conservation Bodies

18 (a). Licensing Authorities have a duty to ensure that projects will **not have significant adverse environmental impact**, particularly on any designated **European Site of Conservation Importance - Special Areas of Conservation (SAC) and Special Protection Areas (SPA), listed under the Habitats Directive (Council Directive 92/42/EEC on the conservation of natural habitats and of wild fauna and flora)**. In addition, it is Government Policy that Wetlands of International Importance (Ramsar sites) are also considered as European Sites. There is a duty to take reasonable steps to further the conservation and enhancement of nationally designated sites (Sites of Special Scientific Interest (SSSIs)).

Please provide copies of correspondence with Natural Resources Wales or its legacy bodies (**in this case the Countryside Council for Wales**) or Natural England. Please indicate below if **no consultation had yet taken place**.

Copy of emails to P. Morrison, from Marine Licensing, attached

Please continue on a separate sheet if necessary. Please tick if you have done this

18 (b). **Are any parts of the proposed works located *within* or *likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar Sites)** Yes No

18(c). If **Yes**, which designated site(s) will the works fall within:

Morfa Harlech a Morfa Dyffryn SAC, Pen Llyn a'r Sarnau SAC and Morfa Dyffryn SSSI.

18(d). **Please provide a description of all measures proposed to avoid any impacts on designated conservation sites**

See attached Appropriate Assessment and Environmental Review for Impact Assessment and Mitigation Options.

Please continue on a separate sheet if necessary. Please tick if you have done this

18(e). If **No**, please indicate the approximate distance to the nearest conservation site of the proposed works.

19. Statutory Powers

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

Yes

No

If **Yes**, please give details:

20. Public Register

Under The Marine Licensing (Register of Licensing Information)(Wales) Regulations 2011 and the Environmental Impact Assessment Directive (Directive 85/337/EEC - as amended) , all information contained within or provided in support of this application will be placed on the Public Register unless NRW approve of the applicant's reasons for withholding all or part.

Is there any information contained within or provided in support of this application that you consider **should not be included** on the Public Register on the grounds that its disclosure:

19(a). Would be contrary to the interest of National Security? Yes No

19(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? Yes No

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

Please continue on a separate sheet if necessary. Please tick if you have done this

21. Application Fee

21(a). What are the corresponding fee band for this application? Band 2 Band 3

21(b) Band 2 Only

Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (✓)	Reference Number
Cheque		
BACS (not remittance no.)		
World Pay (phone or CC1)	Yes. Please find attached	

Please attach **CC1 Form** with application. Can be found on our web pages

21(c) Band 3 Application only

Band 3 applications are charged at on hourly rate of £120 and are invoiced in arrears. Please complete the details below which will be required for invoicing.

Customer Name

FAO

Purchase order number

Address for invoice

Telephone Number

Email Address

22. Declaration

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

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information and can invalidate any licence granted.

Signature  Date 17-12-2019

Name (in capitals) RICHARD WORKMAN

Position in Company DIRECTOR

*Applications cannot be processed unless signed by the applicant (not agent); the applicant must have the appropriate level of authority within the company. **Applications will not be processed unless signed.***