

**Filling out this form:** You can either: - print this form and fill out the relevant fields using **block capitals** and in **black ink** or - fill out the relevant fields on screen, then click Print form. The form must then be signed and returned to the above address or sent by email.

## APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Construction schemes including coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, outfall pipes under the Marine and Coastal Access Act 2009

Please read these notes together with the explanatory leaflet carefully before you complete the form.

- The Marine Licensing team administers applications under Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Welsh Ministers, as the licensing authority.
- The completed application form, together with **13** copies, must each (both the original and the copies) be accompanied by a location plan, descriptive drawing(s) and any supporting environmental assessment. All should be submitted to the above address at **least 12 weeks before the licence is required**. Please note we will always require 1 complete hard copy of the application form and supporting documents, however, where documents can be emailed or sent on CD we are happy to receive the additional 12 copies in this format.
- Some projects may raise matters that require a significantly longer time for consideration. This is most likely to be the case for large projects where substantial volumes of material are to be deposited or excavated and those taking place adjacent to or within a marine conservation area or requiring an environmental statement under environmental impact assessment regulations. Applicants are advised to contact the MLT as early as possible during the planning stage in order to avoid delays in determining their application.
- Information should be provided about the anticipated duration of the entire project in respect of works below mean high water springs, together (where appropriate) with details of the planned phasing of the work for which consent is sought during the first year and each subsequent 12-month period.
- A licence fee is payable in respect of an application. Cheques should be crossed and made payable to the **Natural Resources Wales**. The fee must accompany your completed application. Alternatively, payment may be made by BACS. **Please note applications will not be processed without the relevant fee.**
- Please answer all the questions. If any information is not available at the time of application please indicate at the appropriate section, giving reasons in a covering letter, and submit the details separately as soon as possible. Any delay in forwarding details is likely to result in a delay in determining your application.

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

## Project Description and cost

### 1(a). Please provide a brief description of the project

Marine works in support of the Welsh National Sailing Academy and Events Centre, comprising construction of a quay wall, piles and pontoons and an area of dredging.

### 1(b). Please provide the estimated gross cost of the project (including materials and labour) for works that fall below Mean High Water Springs.

£1,538,000.00

## Applicant's details

### 2. Applicant for licence

Title  Initials  Surname

Trading Title (if appropriate)

Full postal address (including postcode)

Name of Contact (if different)

Position in company (if appropriate)

Telephone number (including area code)

Fax number (including area code)

Email address

Company registration number

## Details of any agent, contractor and/or vessel used to carry out the works

### 3(a). Agent Details

Title  Initials  Surname

Full postal address  
(including postcode)

Cascade Consulting  
Enterprise House, Manchester Science Park  
Lloyd Street North, Manchester, M15 6SE

Name of Contact  
(if different)

N/A

Position in company  
(if appropriate)

Principal Environmental Scientist

Telephone number  
(including area code)

0161 227 9777

Fax number  
(including area code)

0161 227 1777

Email address

Kat.liney@cascadeconsulting.co.uk

Company registration  
Number

4176068

**3(b). Contractor Details**

Jones Bros Civil Engineering UK

Denbigh Road, Ruthin, Denbighshire, LL15 2TN

**3(c). Vessel Details**

Operator

Name of vessel

TBC

**3(d). If the contractor or vessels are not known at application stage when do you expect to provide these details (please note these details will be required for the licence)**

July 2013

**Duration of project**

4. Start date

Expected completion date

**Project Details**

**5(a). Type of works proposed (please tick all appropriate boxes)**

### Coastal defences

- |  |  |
|--|--|
| <input type="checkbox"/> Beach replenishment (see question 8b) | <input type="checkbox"/> Armour facing   |
| <input type="checkbox"/> Breakwater                            | <input type="checkbox"/> Groyne          |
| <input type="checkbox"/> Revetment                             | <input type="checkbox"/> Sea wall        |
| <input type="checkbox"/> Berms/Waves screens                   | <input type="checkbox"/> Artificial reef |

### Harbour/Navigation works

- |  |   |
|--|---|
| X Dock wall/quay/wharf                             | <input type="checkbox"/> Lock gates               |
| <input type="checkbox"/> Mooring (single/multiple) | <input type="checkbox"/> Buoy/Navigation mark     |
| X Marina/Pontoon                                   | <input type="checkbox"/> Training wall/breakwater |

### Land reclamation

- |                                      |  |
|--------------------------------------|--|
| X Bunded/Piled area                  | <input type="checkbox"/> Mud flat/Salt marsh feeding |
| <input type="checkbox"/> Dock infill |  |

### Cables, intakes/outfalls pipes and pipeline maintenance

- |   |  |
|---|--|
| <input type="checkbox"/> Intake/Outfall             | <input type="checkbox"/> Cable or subsea cable |
| <input type="checkbox"/> Pipe/Pipeline maintenance# |  |

### Piers

- |  |                               |
|--|-------------------------------|
| <input type="checkbox"/> Bridge#/Bridge foundation | <input type="checkbox"/> Pier |
| <input type="checkbox"/> Jetty                     |                               |

### Bank stabilisation

- Bank stabilisation

### Scour protection

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| <input type="checkbox"/> Gabion | <input type="checkbox"/> Mattress |
|---------------------------------|-----------------------------------|

### Slipways

- |   |                                   |
|---|-----------------------------------|
| X Slipway                               | <input type="checkbox"/> Causeway |
| <input type="checkbox"/> Launching ramp |                                   |

### Barrages and islands

- |  |   |
|--|---|
| <input type="checkbox"/> Tidal barrier     | <input type="checkbox"/> Barrage        |
| <input type="checkbox"/> Artificial island | <input type="checkbox"/> Rock placement |

### Miscellaneous

- |   |  |
|---|--|
| <input type="checkbox"/> Habitat creation/replacement   | <input type="checkbox"/> Windfarm/Tidal power          |
| <input type="checkbox"/> Aquaculture                    | <input type="checkbox"/> Sculpture, statues, fountains |
| <input type="checkbox"/> Ground investigation works     |  |
| X Removal of objects from below mean high water springs |  |

### Oil and gas installations

- |   |  |
|---|--|
| <input type="checkbox"/> Exploration well | <input type="checkbox"/> Production platform |
| <input type="checkbox"/> Subsea facility  |  |

# For work not covered by a works authorisation under the Petroleum and Submarine Pipeline Act 1975 or the Petroleum Act 1998.

5(b). Please give full details below of the proposed project. Please read sections 5 of the explanatory leaflet before completing this entry. Where the project is expected to take longer than 12 months to complete, you should provide details of the work to be done during

the first year and that planned for each subsequent 12-month period. **The method of construction should be described in the answer to question 6.**

The marine works, form part of a larger development of the Welsh National Sailing Academy and Events Centre (WNSAEC) which is proposed to be constructed in Pwllheli Harbour, Gwynedd, and is designed to accommodate national and international sailing competitions for sailing dinghies and small keel boats. The WNSAEC development is intended to open in 2013. The overall scheme comprises a number of marine and onshore elements. Onshore works comprise a new academy building, which will be the central feature of the new facilities, providing meeting and class rooms, offices, catering facilities, open areas for vessel measurement, a new approach road and new parking / boat marshalling facilities. The onshore facilities will support land based and marine events that may either rely on the use of slipways directly to the sea in the case, for example, of dinghy meetings, or the new facilities to be provided by the marine works inside the harbour north of the existing marina for keel boat events. The onshore works are the subject of separate applications for planning and consents. The marine works comprise: the provision of additional pontoon moorings to the north of the existing marina pontoons with an access bridge; a new quay wall and two cranes to allow boats to be launched; and capital dredging works.

Full scheme details are provided in Section 3 of the Environmental Statement which accompanies this application.

**5(c). Please detail the location of the proposed construction project. This should include either national grid references (NGR) or latitude and longitude coordinates to 2 decimal minutes) defining the extent of the project.**

Permanent works extent:

NW: SH 380 351

NE: SH 381 351

SW: SH 380 349

SE: SH 382 350

Note that areas of temporary works are proposed above mean high water springs, including construction compound(s) and areas where dredged material may be processed. This is indicated on attached plan.

**5(d). The following must be provided with the completed application form:**

- (i) a suitably scaled extract of an Ordnance Survey Map (1:25,000 scale or larger) or Admiralty Chart which should be marked to indicate:
  - the location of the project in relation to the surrounding area
  - the mean high water spring tide mark
  - any adjacent SAC, SSSI, SPA/Ramsar or similar conservation area boundary.
- (ii) construction plans and sections (showing work relative to tidal range) showing those proposed works below (seaward of) mean high water springs, which should give details of the materials to be used (for beach nourishment the quantity and source of material to be deposited is also required).
- (iii) a descriptive schematic drawing and suitably scaled (for example 1:2,500 but not more than 1:10,000) location plan (either at A3 or A4 format) which show the full extent of the project in relation to the surrounding area.

The applicant should note that these drawings/plans may be copied to others as part of the MLT's consultation procedures. If they are subject to copyright, it is the **responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit up to 12 copies with the application (see explanatory leaflet).**

**6. Please provide a detailed method of construction, indicating any temporary structures, such as causeways, jetties, landing stages to be constructed below mean high water springs tide**

mark and the measures to be taken:

- (a) to minimise any risk to the marine environment
- (b) prevent undue interference to others
- (c) mooring of barges, pontoons, transhipment vessels
- (d) maintain navigational safety, including marking and lighting of works.

The construction works will commence with capital dredging, the subsequent works to dispose of the capital and maintenance dredge arisings will continue for the duration of the contract. This capital dredging will be followed by the installation of the new quay wall. Restraint piles will then be driven and pontoons attached. Finally a new access bridge will be lifted into place and services will be installed. Full details on the construction plan and programme, including detailed method statements, are given in the Environmental Statement; Chapter 4 Construction, and are summarised below:

#### *Dredging and Disposal of Dredge Arisings*

The material to be removed as part of the capital and maintenance dredging comprises soft silt overlying consolidated bands of sands/gravels and stiff clay. The material will be removed by a small cutter suction dredger using a floating discharge pipe. The dredged material will be pumped ashore to an area of reclamation land as shown on the General Overview Figure, where it will be dewatered.

#### *Land Reclamation and Dewatering*

The land will be reclaimed by construction of a bund. The bund formed to contain the dredged material will be of similar appearance and construction to the harbour's existing stone revetments, with a stone fill core, geotextile separator layer and rock armour frontage to match the existing surroundings (see General Arrangement figure).

Dredged material will be used infill the area to the west of the bund. A water box will be placed within the bunded area which will serve to de-water the dredged arisings, with the water being discarded into the exiting marina, functioning in the same way as the existing stilling lagoon. Regular monitoring and visual inspections of the de-watering facilities for the reclamation area (for both capital and maintenance dredge) will take place to ensure that there is no discharge of sediment from this area into Pwllheli Harbour. Levels of suspended solids will be agreed with Natural Resources Wales prior to construction and regularly monitored during the construction and de-watering phase. If unacceptable levels of sediment are observed, suitable additional mitigation measures, such as further filtering and settlement of the water, will be put in place immediately, in line with the sites environmental management plan.

The finished profile of the reclaimed claimed area will be at the same level as the surrounding land continuing the low lying open characteristic of the site. On completion of the dredging campaign, following a period of settlement and drying out, the re-claimed area will be landscaped. The landscaping works will be spilt into two distinct zones, one for public access and the other for ecological compensation.

#### *Quay Wall*

The new quay wall will be constructed using steel sheet piles driven to the design level, which is in line with the existing quay. The piles will be driven by land based plant, and back filled. The surface will be formed in block paving to allow drainage of water through the structure. Two electrically powered cranes will be located close to the edge of the quay wall.

#### *Piles, Pontoons and Access Bridge*

New pontoons are to be installed to the north of the existing pontoon berths. The new moorings would be anchored to a series of hollow circular piles similar to those used in the original construction for pontoons in the adjacent existing marina. Pile installation would take place from a floating platform within the dock working to the constraints stipulated in Section 4.3 of the appended ES. Once piles are in place, pontoon installation will be a relatively quick, quiet operation, with services, in the form of water and electricity supplies brought to the bridge head as part of the onshore works programme.

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

**7(a). Description of materials to be deposited below mean high water spring (please tick all appropriate boxes).**

- |  |  |  |  |
|--|--|--|--|
| <input checked="" type="checkbox"/> Timber           | <input checked="" type="checkbox"/> Iron/Steel | <input checked="" type="checkbox"/> Concrete | <input type="checkbox"/> Sand              |
| <input type="checkbox"/> Silt                        | <input checked="" type="checkbox"/> Stone/Rock | <input type="checkbox"/> Gravel              | <input type="checkbox"/> Plastic/Synthetic |
| <input type="checkbox"/> Biocides or other chemicals |  | <input checked="" type="checkbox"/> Other    |  |

If **other**, please describe:

Some of the material dredged from the capital dredge area will be used to backfill the Quay Wall. Material dredged from the capital and maintenance dredge areas will be used to create the area of land reclamation.

**7(b). Method of delivery of materials.** If sea delivery, please include details of the vessels to be used with a chart of the proposed route and any proposed transshipment area.

By road, with the exception of dredge arising which are to be transported by floating pipeline.

**7(c). Description of objects/materials to be removed from below mean high water springs.**

Silts, sands and gravels removed as part of capital and maintenance dredging.

**7(d). Method of removal.**

The material to be removed as part of the capital and maintenance dredging comprises soft silt overlying consolidated bands of sands/gravels and stiff clay. The material will be removed by a small cutter suction dredger using a floating discharge pipe. The dredged material will be pumped ashore to an area of reclamation land as shown on the General Overview Figure, where it will be dewatered.

**7(e). For work involving salt marsh feeding, beach replenishment or land reclamation please provide the following information relating to the material to be deposited (please also see note 3):**

- |  |   |
|--|---|
| (i) quantity (tonnes)  | 81,100m <sup>3</sup> – 168,000 tonnes                                 |
| (ii) nature of material (sand, silt, gravel)   | Silts, sands and gravels  |
| (iii) source (state location if sea dredged)   | Capital and maintenance dredging area, see Overview figure            |
| (iv) has the material been chemically analysed?<br>If <b>yes</b> , please include the analysis data with your application. | Yes <input checked="" type="checkbox"/> Y No <input type="checkbox"/> |
| (v) particle size (including specific gravity)   | Yes, presented in ES.   |

8. Will there be a need to make any temporary deposit of material below mean high water springs during the works? Yes  No

If yes, please explain why and give the coordinates of the proposed temporary deposit site.

N/A

9. Do you intend to apply for a licence to dispose at sea material dredged as part of the works Yes  No

If yes, please indicate:

(i) nature of material for disposal (sand, gravel)

(ii) quantity of material disposal (tonnes)

10. Please detail below all consents you have applied for or received

Type of consent	Applied for	Not applied for	Reference number	Date of issue
i. Local planning authority (LPA) such as Town and Country Planning Act 1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
Name and address of LPA for location of proposed works	<input type="text" value="Gwynedd Council, Council Offices, Embankment Road, Pwllheli, Gwynedd, LL53 5AA"/>			
ii. Land owner such as The Crown Estate, Duchy of Cornwall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Will be applied for"/>	<input type="text"/>
iii. Local port or harbour authority such as a local work licence*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
iv. Environment Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="N/A"/>	<input type="text"/>
v. Other including Transport and Works Act Order, Electricity Act, approval to grant/loan sanction (please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="N/A"/>	<input type="text"/>

N/A



\*Consents/Licences should be obtained and a copy included with this application

11. Do you or (if appropriate) your client, have statutory powers to consent any aspect of the project? Yes  No

If yes, please give details below:

Gwynedd Council are the applicant and also the Local Planning Authority and the Harbour Authority.

12. Advertising and consultation

12(a). Have these works been advertised to the public? Yes  No

If yes, how and where?

Welsh National Sailing Academy and Events Centre Public Consultation Exhibition, January 2012  
Pre-Planning Exhibition, March, 2013  
Extensive coverage in local press.

12(b). Have the public been invited to submit comments? Yes  No

If yes, to whom and by what closing date?

Feedback/comments received by Gwynedd Council officers during the public consultation exercises. No formal consultation date set.

12(c). Have any consultation meetings with the public been arranged? Yes  No

If yes, where and when are these to be held?

A post application public meeting is planned for immediately after the marine licence and planning applications have been submitted.

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

**Conservation bodies**

13(a). The consenting authorities have a duty to ensure that projects will not have significant adverse environmental impacts, particularly upon designated European sites of conservation importance, such as special areas of conservation (SAC), special protection areas (SPA), sites of special scientific interest (SSSI) or Ramsar sites and other areas listed under the Conservation of Habitats and Species Regulations 2010. If the applicant (particularly if they have statutory powers for consenting aspects of these works) has been in consultation with the appropriate nature conservation body Natural Resources Wales, Natural England (NE) or Scottish Natural Heritage (SNH) (for oil and gas work in Scottish waters)) it is likely to hasten processing of the consents if copies of all such

correspondence are submitted with the application.

Please provide copies of correspondence with Natural Resources Wales or its legacy bodies or NE Please indicate below if no consultation has yet taken place.

Consultation with CCW (now NRW) has been undertaken throughout scheme development and as part of EIA Scoping. This is described in the Habitats Regulations Assessment report has been prepared in support of the scheme and is included as an Appendix to the Environmental Statement which supports this application.

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

13(b). Are any part of the proposed works located within the boundaries of a designated conservation area (SAC, SPA, SSSI or Ramsar sites) Yes  No

13 (c). If yes, which designated site (s) will the works fall within.

The works are in proximity to, but outside the boundary of the Pen Llyn a'r Sarnau SAC. A Habitats Regulations Assessment report has been prepared in support of the scheme and is included as an Appendix to the Environmental Statement which supports this application.

13(d). Please provide a description of measures proposed to avoid any impacts on European sites of conservation importance.

Scheme proposals including construction methods have been discussed with CCW, and comments and recommendations from discussions, meetings, correspondence and from Scoping Opinion responses have been incorporated into the scheme.  
The measures incorporated to avoid impacts on the Pen Llyn a'r Sarnau SAC are detailed in Chapters 3 and 4 of the Environmental Statement, and in the Habitats Regulations Assessment report has been prepared in support of the scheme and is included as an Appendix to the Environmental Statement.

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

13(e). If no, and the boundary of the nearest such site is within 2 km, please indicate approximate distance of the works from this boundary (in km).

14(a). Have you considered the works the 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? If so, do you consider the works to fall within:

Annex I  Annex II

14(b). 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?

SC/12/06

14(c). Has an environmental statement/assessment been undertaken to support any planning application in respect of the works, your own statutory powers (if applicable) or for any other reason?

Yes  No

If yes, is a copy of the assessment included with this application?

Yes  No

14(d). Please provide an explanation if the assessment has been made and a copy is not available.

N/A

14(e). Is the environmental assessment available for public inspection?

Yes  No

If yes, at what locations?

This ES is available for viewing by the public during normal office/opening hours during the statutory consultation periods at:  
Gwynedd Council Office, Gwynedd Council Offices, Ffordd y Cob, Pwllheli, Gwynedd, LL53 5AA.

## Public Register

**Under section 101 of the Marine and Coastal Access Act 2009, all information contained within or provided in support of this application will be placed on the Public Register unless the Welsh Ministers approve the applicant's reasons for withholding all or part.**

15. 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 grounds that its disclosure:

15(a). Would be contrary to the interest of national security?

Yes  No

15(b). Would prejudice to an unreasonable degree your, or some other person's commercial interest or those of a third party?

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.

N/A

## Application Fee

16(a). What is the relevant fee band (please refer to the fees structure At Link to Level 2 Fees page )

Band 5

16(b). What is the amount payable?

£4,525

16(c). What is the method of payment?

Cheque

BACS (please ensure BACS identifier form has been completed)

## Declaration

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

**Warning: It is an offence under the Marine and Coastal Access Act under which this application is made to fail to disclose information or to provide false or misleading information.**

Signature \_\_\_\_\_



Date 28/06/13

Name (in capital letters)

DR KAT LINEY

Position in company (if appropriate)

Principal Environmental Scientist

Please check carefully the information you have given and that all the enclosures (including copies) have been included.

## For Official use only

<b>File Reference</b>
<b>Foreshore plan number</b>
<b>Cheque number</b>
<b>Date received</b>
<b>Payee name</b>
<b>Amount Paid</b>
<b>Remittance slip number</b>