

APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Marine Works include, but are not limited to, coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, grab samples and outfall pipes under the Marine and Coastal Access Act 2009

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers 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.
- 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 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 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.
- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

All information submitted may be referred to within a licence, therefore all works must be in accordance with this information, unless otherwise agreed with NRW acting on behalf of the Licensing Authority during the determination process.

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

Application Form Structure

1. Project Description and Cost
2. Applicant Details
3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works
4. Environmental Impact Assessment (EIA)
5. Licensable Period
6. Project Description
7. Methods Statement
8. Materials of Project
9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding
10. Temporary Works
11. Dredge and Disposal of Dredge Material
12. Protected Sites
13. Other Consents
14. Statutory Powers
15. Public Register
16. Application Fee
17. 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?	✓
The declaration is signed by the applicant?	✓
Is the application fee correct?	✓
Are the grid references/coordinates correct?	✓
Do the coordinates match map locations?	✓
Have all the relevant supporting documents been submitted?	✓
Has a clear methodology been provided in the application form?	✓
Has Protected sites information been included?	✓
Has a Water Framework Directive (WFD) assessment been submitted?	✓
Are all the continuation sheets for application questions appended with correct corresponding numbers?	✓

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

Aberaeron Coastal Defence Scheme

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

Atkins Ltd were commissioned by Ceredigion County Council to develop proposals for a scheme of Coastal Defences for Aberaeron harbour in order to reduce the risks associated with coastal flooding within the town, to provide protection against predicted sea level rise, and to maintain the South Beach defences and Grade II Listed South Pier for the future.

Aberaeron is situated on the west coast of Wales in Cardigan Bay, approximately 30km south of Aberystwyth. Much of Aberaeron is centred around the harbour, with the coastal frontage split into North and South Beaches either side of the piers, which protect the harbour entrance.

The main harbour lies directly at the mouth of the River Aeron with many boats moored using a series of 'fore-and-aft moorings' or 'trot moorings' which leave the boats beached in the harbour during low tide. In the north-east corner of the harbour is a smaller, contained harbour (Pwll Cam) in which water is maintained several feet deep by a sill where shallow draft boats are moored on running moorings to the harbour wall.

The seaward end (head) of South Pier is currently fenced off due to it being unsafe for use and is in need of reconstruction as this is a critical feature which maintains the shingle on the south beach. There is a crib groyne at the base of South Pier which is in a state of disrepair.

South Beach is a mixed shingle and sand beach, with shingle on the upper beach, and sand on the lower beach. There are six timber groynes along South Beach which are dilapidated and require removal and replacement. An existing rock revetment is present along the upper beach to the south west. This revetment will be reconstructed with a larger size and extent of rock and will be extended to the north east. Between this revetment and the South Pier shingle nourishment will be used to replenish the beach.

The proposals for the Scheme involve a combination of works including, construction of a rock breakwater extending off the North Pier, improvements to the northern harbour walls and South Pier in the form of grouting, raising the set back harbour wall at Quay Parade with masonry and glass panels, constructing a new masonry and glass flood wall at Pwll Cam, incorporating tilt barriers (flood gates) within these walls, raising the River Aeron wall with glass panels, extending and constructing a new wall between the river Aeron wall and footbridge, installation of a flood gate and control kiosk/ building for the Pwll Cam inner harbour area, partial reconstruction of the South Pier at the harbour entrance, removal and reconstruction of the existing timber groynes, construction of a rock revetment and beach nourishment on the South Beach. Biodiversity enhancements and amenity improvements are also provided. Refer drawings 5182114-ATK-MAR-GEN-DR-C-1000 for the general arrangement drawing of the scheme proposals.

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)

£15,000,000

2. Applicant Details

To whom the licence will be issued. *This must be a legal entity such as an individual, registered company/ charity or public body.*

Title	Mr	Full Name	Rhodri Llwyd
Company or Trading Name	Ceredigion County Council		
Company Registration Number (if applicable)			
Name of Contact or individual (if different)			
Position in Company	Corporate Lead Officer - Highways and Environmental Services		
Address inc. postcode (provide registered Company address if applicable)	Neuadd Cyngor Ceredigion Penmorfa, Aberaeron, SA46 0PA.		
Telephone Number	01545 570881		
Email Address	Rhodri.llwyd@ceredigion.gov.uk		

3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works

3(a). Agent Details

This is who we will correspond with unless otherwise informed. If no agent we will contact the applicant.

Title	Mr	Full Name	Matthew Tierney
Company or Trading Name	Atkins Limited		
Company Registration Number (if applicable)	688424		
Name of Contact or individual (if different)			
Position in Company	Principal Engineer		
Address (Inc. postcode)	West Glamorgan House 12 Orchard Street Swansea SA1 5AD		

Telephone Number

+44 1792 641172

Email Address

Matthew.Tierney@atkinsglobal.com

3(b). Does the Applicant wish to be included in all correspondence? Yes ☒ No ☐

3(c). Contractor Details

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Contractor Company or Trading Name	Address
To be appointed by Ceredigion County Council following tender process in August 2021.	To be confirmed once contractor appointed.

3(d). Will the works require the use of vessels? Yes ☒ No ☐

3(d) (i). Vessel Details (if applicable and available)

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
To be confirmed once contractor appointed.	To be confirmed once contractor appointed.	To be confirmed once contractor appointed.	To be confirmed once contractor appointed.	To be confirmed once contractor appointed.

3(e). Will the works require the use of vehicle?

Yes ☒

No ☐

3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS

In order for contractors to benefit from the licence permission, details must be provided.

Any details not provided with application must be confirmed before operations commence.

Operator	Type/Description of Vehicle
To be confirmed	Refer to methodology for further details (ref 5182114-ATK-MAR-GEN-RP-EN-3015 attached)

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?

These details will need to be confirmed prior to the licence and operations commencement

The Contractor's details and the plant that they will use will be available following the tender process in August/September 2021. However, the methodology document appended separately provides details of the likely plant to be used.

4. Environmental Impact Assessment (EIA)

Certain projects, due to their scale, location and/or nature, may require an EIA under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended). If a project qualifies under EIA, an Environmental Statement (ES) must be prepared and submitted with the application.

Projects that fall within Annex I of the Directive automatically require an EIA. Projects that fall within Annex II of the Directive are assessed on a case-by-case basis for the requirement for an EIA to be undertaken.

4(a). Do you consider the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended)?

Yes ☒

No ☐

The proposed Scheme is made up of five key elements which are interlinked as integral parts to the flood defence structure. These are as follows :

1. **South Pier** - Partial reconstruction of the seaward head of the South Pier and improving the durability of the remaining structure by grouting.
2. **Breakwater** - Construction of a rock breakwater extending out from the North Pier
3. **Harbour flood walls** - Raising parts of the set-back flood walls at Quay Parade and Pwll Cam with masonry and glass panels. Incorporating tilt barriers (flood gates) within these walls to maintain access. Improving durability of existing harbour walls by grouting. Raising the existing River Aeron wall with glass panels. Extending and constructing a new wall between the footbridge up to the rear of the Monachty Hotel. Biodiversity enhancements and amenity improvements are also provided.
4. **Pwll Cam gate** - Construction of a flood gate and control kiosk at Pwll Cam to maintain use of the inner harbour area.
5. **South Beach** - Improvements to South Beach in the form of removal and replacement of the existing timber groynes. Replacing and extending the existing rock revetment and placement of shingle nourishment.

Refer to general arrangement drawing 5182114-ATK-MAR-GEN-DR-C-1000 indicating the main scheme structures proposed and the environmental statement for the biodiversity enhancements and amenity improvements.

6(b). Please detail the location of the proposed construction project.

This should be either Ordnance Survey National Grid Reference (i.e. AB 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long - 4.1234), defining the extent of the project. **Please specify which coordinate system has been used.**

Refer drawings 5182114-ATK-MAR-GEN-DR-C-1000 for the detailed proposals. The coordinates of each structure are as follows. The coordinate system used is Ordnance Survey Great Britain (OSGB) 1936 British National Grid

- Southwest end of rock revetment on South Beach: 245107, 262545 and Northeast end of rock revetment on South Beach: 245348, 262809
- Northeast end of South Beach nourishment between 245400,263035 and southwest end of South Beach nourishment between 245107, 262545
- Western end of breakwater: 245274, 263073 and eastern end of breakwater: 245503, 263025
- South Pier: 245400, 263035
- Start of Quay Parade flood wall: 245503, 263025 and eastern end of River Aeron flood wall: 245810, 262841

Work outside of these coordinates is required for temporary access and storage areas which are all within the red line boundary shown on drawing 5182114-ATK-MAR-GEN-DR-C-1000. A shape file can be provided, if required.

6(c). The following must be provided with the completed application form:

- (i) a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project, complete with **North Arrow** and **Scale**

- (ii) construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).
- (iii) a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

Please list below **all supporting documents** that have been submitted with this application, including suitable documents/maps/drawing titles and reference numbers

Please refer to the following:

Reports

- 5182114-ATK-MAR-GEN-RP-EN-3012 Environmental Statement
- 5182114-ATK-MAR-GEN-RP-EN-3013 Water Framework Directive Assessment (WFD)
- 5182114-ATK-MAR-GEN-RP-EN-3014 Habitat Regulation Assessment (HRA)
- 5182114-ATK-MAR-GEN-RP-EN-3015 Construction Methodology document
- 5182114-ATK-MAR-GEN-RP-EN-3016 Non-technical Summary of the Environmental Statement
- Quantum Ground Investigation Factual Report – Q0377/FR.01
- WYG, 2019. A111150-2 Aberaeron Coastal Defence Scheme: Ground Investigation Factual Report

Drawings

- 5182114-ATK-MAR-GEN-DR-C-1000 Overall Scheme Arrangement
- 5182114-ATK-MAR-GEN-DR-C-2000 Site Compound and Beach Access
- 5182114-ATK-MAR-GEN-DR-C-2001 River Aeron and Pwll Cam Accommodation Works
- 5182114-ATK-MAR-GEN-DR-L-3000 River Aeron Plan
- 5182114-ATK-MAR-GEN-DR-L-3001 River Aeron Wall Elevations
- 5182114-ATK-MAR-GEN-DR-C-3002 River Aeron Wall Sections
- 5182114-ATK-MAR-GEN-DR-L-4000 Pwll Cam Plan
- 5182114-ATK-MAR-GEN-DR-L-4001 Pwll Cam - Elevations and Sections
- 5182114-ATK-MAR-GEN-DR-L-4002 Pwll Cam - Elevation from rear of inner harbour
- 5182114-ATK-MAR-GEN-DR-C-4003 Pwll Cam Gate - General Arrangement
- 5182114-ATK-MAR-GEN-DR-L-5000 Flood Defences - General Arrangement
- 5182114-ATK-MAR-GEN-DR-L-5001 Quay Parade - Plan 1
- 5182114-ATK-MAR-GEN-DR-L-5002 Quay Parade - Plan 2
- 5182114-ATK-MAR-GEN-DR-L-5003 Quay Parade - Elevation
- 5182114-ATK-MAR-GEN-DR-C-5004 Quay Parade and North Pier Grouting Details
- 5182114-ATK-MAR-GEN-DR-C-6000 North Pier Breakwater General Arrangement
- 5182114-ATK-MAR-GEN-DR-C-7000 South Pier - Existing and Proposed Plan
- 5182114-ATK-MAR-GEN-DR-C-7001 South Pier - Proposed and Existing Elevations Sheet 1 of 2
- 5182114-ATK-MAR-GEN-DR-C-7002 South Pier - Proposed and Existing Elevations Sheet 2 of 2
- 5182114-ATK-MAR-GEN-DR-C-7003 South Pier - Grouting Details
- 5182114-ATK-MAR-GEN-DR-C-8000 South Beach - Key Plan
- 5182114-ATK-MAR-GEN-DR-C-8001 South Beach - Proposed Rock Revetment Sections
- 5182114-ATK-MAR-GEN-DR-C-8002 South Beach - Proposed Beach Nourishment Sections
- 5182114-ATK-MAR-GEN-DR-C-8003 South Beach - Existing Groyne Sections
- 5182114-ATK-MAR-GEN-DR-C-8004 South Beach - Proposed Groyne Sections
- 5182114-ATK-MAR-GEN-DR-C-9001 Glass Wall - Typical Details

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

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 16 copies with the application.**

7. Methods Statement

7(a). Please provide a detailed method statement for the works

This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS

Refer to methodology document 5182114-ATK-MAR-GEN-RP-EN-3015 for a detailed description of the works.

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

7(b). Do you intend to undertake activities that could generate underwater noise?

This include piling, use of explosives, geophysical, acoustic deterrent devices and multibeam echosounders.

Yes ☒ No ☐

7(b) (i). If Yes, what type(s) of activities will be undertaken?

The vast majority of the construction works will be undertaken during low tide to reduce noise pollution. However, the following activities will be undertaken below Mean Low Water (MLW) and have the potential to generate underwater noise.

Rock breakwater – approximately a 1/3rd of the breakwater will be located below the mean low water mark. The remainder will be constructed above low water between the tidal cycle, during a maximum of 5-6 hours per day between tides.

Piling and foundation works at South Pier, Pwll Cam gate, South Beach timber groynes.

Refer to methodology document 5182114-ATK-MAR-GEN-RP-EN-3015 for a detailed description of the works.

7(b) (ii). If Yes, approximately how many days will the activity be undertaken for?

Rock breakwater - Due to the continual rock supply required for this task and working between the tides the total number of days to construct this will be up to 365 days when considering tides and seasonal changes. Other parts of the works such as South Pier, Pwll Cam gate and South Beach timber groynes will be undertaken at the same time as the rock breakwater within the 12 month period anticipated.

If Yes, you will be required to complete an additional form that will be provided.

7(c). Please state the measures to be taken to:

- (i) Minimise risk to the marine environment

Refer to methodology document 5182114-ATK-MAR-GEN-RP-EN-3015 for a detailed description of the works and mitigation measures.

(ii) Prevent undue interference to others

As noted in the attached Methodology document, ref 5182114-ATK-MAR-GEN-RP-EN-3015, works are planned to take place outside of the busy summer season which will reduce disruption to tourists, boat users and locals. Works will be limited to daylight hours. The South Beach will need to be closed during the works due to the transport route of rock from the site compound to the breakwater and revetment.

(iii) Maintain navigational safety, including marking and lighting of works

Navigational safety in the form of temporary buoys and lighting may be required during the works to the breakwater, South Pier and South Beach works. Works will be limited to daylight hours during low tides, which will prevent interference with harbour navigation access. Any craft required will conform to navigation regulations and coding.

The harbourmaster will be notified of the dates of works, in advance and a Notice to Mariners issued.

In the unlikely event of an emergency the Harbourmaster will be contacted so that a Notice to Mariners can be raised and / or lighting or buoying installed if required to limit further damage or incidents occurring.

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

8. Materials of Project

8(a). Description of materials to be deposited seaward of MHWS (Please tick all that apply)

Timber	☒	Iron/Steel	☒	Concrete	☒	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☒	Gravel	☒	Plastic/Synthetics	☒
Sand	☒	Other	☐				

If other, please provide a description of materials.

The breakwater and rock armour structures will use a synthetic geofabric membrane laid on the sea bed and 6 – 10t rock placed on top.

8(b). Delivery method of materials to site

If sea delivery, please include details of vessels to be used with a chart of proposed route and transshipment area. If vehicle delivery, please provide the proposed access route.

The delivery of the rock material will be a combination of road and sea transport via vessel or barge. The gate at Pwll Cam will either be delivered by sea or will be transported by road to Pwll Cam. From Pwll Cam the gate will then be transported along the temporary access platform and lifted in place with a crane. All other materials will be delivered by road.

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

8(c). Will the works involve removals seaward of MHWS? Yes ☒ No ☐

8(c) (i). Description of materials to be removed seaward of MHWS (Please tick all that apply)

Timber	☒	Iron/Steel	☐	Concrete	☒	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☒	Gravel	☒	Plastic/Synthetics	☐
Sand	☒	Other	☐				

8(c) (ii). Description of objects/materials to be removed seaward of MHWS

Including quantities to be removed.

1000m³ of concrete and stone from the end of the South Pier and 300m³ of concrete and stone material will be removed from the cill of the Pwll Cam harbour and one of the adjacent harbour walls. 30m³ of concrete from the end of the timber groynes will also be removed. These materials will be removed from site for disposal to a land based disposal site.

21,764m³ of material excavated beach shingle seaward of MHWS will be relocated within the beach and utilised as part of the construction works to ensure that the material is recycled and construction waste is reduced. This will include:

- Sediment, gravels and cobble materials excavated from the footprint of the rock breakwater will be used for shingle replenishment on South Beach and used to create the core of the rock breakwater structure. Ground Investigation works undertaken previously has confirmed this is similar suitable material.
- Sediment material excavated from the footprint of the rock revetment on the South Beach will be used as part of the South Beach nourishment.

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

For works involving any of the above, please provide the following information

9(a). Is the material to be deposited like for like to existing material? Yes ☒ No ☐

9(a)(i) If No for Beach Replenishment please provide justification why?

N/A

9(b). Description of material to be deposited

Please provide the grading specification of materials to be used, if using a range of grain sizes please state the percentage by weight passing. *If unsure, please refer to the Wentworth Scale*

Two rounds of Ground Investigation have been undertaken (WYG, 2019) and (Quantum, 2021). Lab testing for Particle Size Distribution (PSDs) was completed. Results determined that the beach material along North Beach and South Beach were of a similar grade ranging between 40-100mm, classified as Sand/Gravel/Cobble. Rock at South Beach was determined to have a slighter rounded appearance due to the influence of the tide.

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

9(c). Source of the material to be deposited

Including dredged or land based stating the origin of material

Material is sourced from excavations within the scheme. All material deposited as part of the beach replenishment will be the excavated material which is like for like to the material in the deposit location to fit in with the natural aesthetics of the area as confirmed in Section 9b. This will be reused from excavations in the breakwater location. Imported materials are unlikely, but if required will be an appropriate source of the material which will be provided to ensure the beach replenishment material is of a similar size and appearance to the existing material.

Other materials deposited include timber, concrete, steel materials, or synthetics forming the permanent structures.

Rock will be sourced from quarries either within Wales, other parts of the UK or Europe.

9(d). Has the material been chemically analysed?

Yes¹ ☒ No ☐

If material has been analysed, we may request this information to determine the application

Note 1 - Yes – beach shingle only.

9(d) (i) If Yes, is the analysis data been included with the application? Yes ☒ No ☐

Refer to: Quantum Ground Investigation Factual Report – Q0377/FR.01 and WYG, 2019.
A111150-2 Aberaeron Coastal Defence Scheme: Ground Investigation Factual Report

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS?

Yes ☒ No ☐

This includes construction materials, removed objects/material, jetties or cofferdams

If **Yes**, please continue with section **10**

10(b). Please provide the location of temporary deposits

Please include a map/chart displaying the location of temporary deposits, if necessary.

To construct the breakwater and rock revetment there will be a need to use the South beach area as a temporary stockpile (deposit) area. This is required in order to sort the rock into the appropriate sizes and for working between tides. Excavated shingle may also be left in place temporarily before being placed in its final position. Refer to drawing 5182114-ATK-MAR-GEN-DR-C-2000. In the location of the South Pier there will be a need for rock to be placed temporarily whilst it is being removed in order to act as a temporary flood defence.

A temporary access ramp may be needed within Pwll Cam Harbour to provide access to the new Pwll Cam flood gate. In a nearby location a cofferdam will be constructed to create a dry working area in Pwll Cam. The ramp structure will be formed out of crushed rock and removed on completion. The cofferdams will be steel sheet piles and removed on completion. Refer to drawing 5182114-ATK-MAR-GEN-DR-C-2001.

A temporary access route may be needed outside of Pwll Cam Harbour to provide access to construct the walls along the River Aeron. This structure will be formed out of crushed rock and removed on completion. Refer to drawing 5182114-ATK-MAR-GEN-DR-C-2001.

10(c). Description of temporary deposits

6 – 10t rock or shingle on the South Beach and in the location of the South Pier whilst it is being removed in order to act as a temporary flood defence

Crushed rock within Pwll Cam for the access ramp.

Steel sheet piles for the cofferdam.

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

11. Dredge and Disposal of Dredge Material

If you are undertaking Dredge and Disposal activities please also complete the Dredge and Disposal application form and submit together.

11(a). Do you intend to apply for a marine licence to dispose of dredged material to sea as part of the works in this application? Yes ☐ No ☒

12. Protected Sites

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)).

12(a). Have you had pre-application correspondence with NRW, its legacy bodies or Natural England? Yes ☒ No ☐

12(a)(i). If Yes, please provide copies of correspondence with application and state which team(s) you have contacted?

The following previous correspondence is of relevance:

- Atkins Screening and Scoping report v2 submitted on 21/01/19, ref 5182114-ATK-MAR-GEN-RP-EN-3000.
- NRW reply to Screening and Scoping opinion – letter of 25 April 2018, ref SC1901 (Zoe McMellin).
- NRW Discretionary Advice Service (DAS) Application - ED3537 - Aberaeron Coastal Defence Scheme NRW:03592770, NRW Contact Daniel Davies.

12(b). Are any part of the works located *within or likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar) Yes ☒ No ☐

12(b)(i). If Yes, which designated site(s) may be affected?

The following designated conservation sites are located within 10km of Aberaeron Harbour:

- Cardigan Bay SAC
- West Wales Marine SAC and the
- Aberarth-Carreg Wylan SSSI
- Rhos Talglas SAC
- Creigiau Aberarth-Morfa SSSI

12(c). Please provide a description of all mitigation measures proposed to avoid any impact on designated conservation sites.

Refer to methodology document 5182114-ATK-MAR-GEN-RP-EN-3015 and the ES for mitigation measures. This includes the following measures:

- In order to protect the *Sabellaria* reefs and mussel bed habitats along North Beach, it is proposed that vehicles and plants will track across the shingle area of the South Beach.
- An Ecological Clerk of Works (ECoW) will be appointed to oversee construction work in the intertidal area and ensure that industry standard practices for pollution prevention and control are implemented.
- A pre-construction walkover survey of the working corridor and construction area will be undertaken by a suitably trained ecologist to determine *Sabellaria* presence and ensure that areas are amended as necessary to minimise impacts to established *Sabellaria* reefs.
- Rock delivery by sea will avoid tipping rock below MHWS. A location plan for where rock tipping will be permitted will be draw up and provided to the vessel operators.

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

12(d). If the works are not located *within* or *likely to affect* a designated conservation site, please indicated the approximate distance to the nearest designated conservation site.

N/A

Please note that if the proposed works are in or within 2km of a European Site of Conservation Importance you will have to provide suitable mitigation measure to avoid any impact on designated conservation sites.

14. Other Consents

Please detail all consents that you have applied for or received for these works

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)		Planning Permission and Listed Building Consent will be applied for shortly after the Marine Licence application submission		Issue May 2021
Name and Address of LPA for location of works	Ceredigion County Council, Neuadd Cyngor Ceredigion, Penmorfa, Aberaeron SA46 0PA.			
Land Owners Consent such as The Crown Estate Consent		Crown Estates Licence		
Port Authority or Local Harbour permissions	N/A			
Other NRW consents <i>such as Flood Defence or SSSI assent</i>		FRAP		
Details of NRW consent	Not required			
Other consents <i>such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction</i>	N/A			
Details of other consents	N/A			

15. Statutory Powers

14(a). Does the applicant have statutory powers to consent any aspect of the project?
E.g. coast protection authority, dredging powers, statutory undertakers Yes ☒ No ☐

14(a)(i). If Yes, please give details and state the relevant legislation that gives these powers

Ceredigion County Council has powers to undertake works and alterations to Aberaeron Harbour under the Aberayron Harbour Order 1956 together with the Aberaeron Harbour Act 1807.

Ceredigion County Council is the Coast Protection Authority under the Coast Protection Act 1949.

Ceredigion County Council (as the Lead Local Flood Authority) has a duty to manage flooding under the Flood and Water Management Act 2010.

16. 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.

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 the 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 you, or some other person's commercial interest of 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

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

17. Application Fee

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

16(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)		

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

16(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	Ceredigion County Council
FAO	Rhodri Llwyd
Purchase order number	To follow once NRW quote and fee agreed
Address for invoice	Neuadd Cyngor Ceredigion Penmorfa, Aberaeron SA46 0PA
Telephone Number	01545 570881
Email Address	Rhodri.Llwyd@ceredigion.gov.uk

18. Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation 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 14 June 2021

Name (in capitals) RHODRI LLWYD

Position in Company CORPORATE LEAD OFFICER

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

Applications will not be processed unless signed