



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 2010
- 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 at:

<http://naturalresourceswales.gov.uk/apply-and-buy/marine-licensing/marine-licence-fees/?lang=en>

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

- 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 via:
<http://naturalresourceswales.gov.uk/content/docs/pdfs/apply-and-buy/credit-and-debit-card-payments.pdf?lang=en>

Further information on payment methods can be found via:
<http://naturalresourceswales.gov.uk/apply-and-buy/marine-licensing/marine-licence-fees/information-about-fees/?lang=en>

If the proposed works are within 2km of a European Protected Site (SAC, SPA) or Ramsar Site an **Environmental Sensitivity Supplement** is also payable.

- 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?	✓
<i>If applicable</i> , is the Environmental Sensitivity Supplement 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?	✓
Are all the continuation sheets for application questions appended with correct corresponding numbers?	✓

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

1. Project Description and Cost

1 (a). Project Name

Cardiff Overhead Line Equipment Foundation Works

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

As part of the Great Western Electrification Project [GWEP] Cardiff Station Central requires installation of Overhead Line Equipment [OLE]. BAM Nuttall have been contracted by Network Rail to provide the foundation bases for the proposed Overhead Line Equipment. Works to be carried out are as follows; Installation of 4 no. 610mm Circular Hollow Section [CHS] piles adjacent to Taff Viaduct at 170m 38ch and associated pile cap. Piles will be located on the North West bank of the Taff River at Taff Viaduct.
Piling rig and materials will be located on the adjacent highway to complete the works.
Area will be locally re-profiled to match existing prior to works completing.

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)

£25,000

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	Alastair Mackay
Company or Trading Name	Network Rail		
Company Registration Number (if applicable)	2904587		
Name of Contact or individual (if different)	Alastair Mackay		
Position in Company	Environmental Consents Manager		
Address (Inc. postcode)	Network Rail SN1, Station Road, Swindon SN1 1DG		

Telephone Number

07734 647338

Email Address

alastair.mackay@networkrail.co.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

Full Name

Company or Trading
Name

Company Registration
Number (if applicable)

Name of Contact or
individual (if different)

Position in Company

Address
(Inc. postcode)

Telephone Number

Email Address

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
BAM Nuttall Ltd	FAO R Plain BAF. 7520 Semaphore House Cardiff CF10 5RY

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
N/A				

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
BAM Nuttall Ltd	7m Telehandler – see attachment JCB – 7m Telehandler
Van Elle	Colmar Piling Rig & accessories – see attachment Colmar T10000 Spec

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

Expected vehicles and plant as listed above. Any amendments or additions will be advised before mobilisation.

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 ☒

4(a) (i) If Yes, which Annex does the proposal fall under? Annex I ☐ Annex II ☐

4(a) (ii) Which number(s) within the Annex does the proposal relate to?

4(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 ☒

4(b) (i). If Yes, please provide the reference number

N/A

4(c). Has an Environmental Impact Assessment been undertaken? Yes ☐ No ☒

4(c)(i). If Yes, has an Environmental Statement been submitted to support this Marine Licence application? Yes ☐ No ☐

4(d). If an Environmental Impact Assessment has been undertaken, but an ES has not been submitted, please provide an explanation

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

5. Licensable Period

Determination of applications 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 30/01/2019

Requested Licence Expiry Date 30/01/2020

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

6. Project Description

6(a). Please give a description of the proposed project.

This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

Details should include, but not be limited to, dimensions of project, quantity of material being deposited and removed.

Purpose of the Project:

As part of the Great Western Electrification Project [GWEP] Cardiff Station Central requires installation of Overhead Line Equipment [OLE]. BAM Nuttall have been contracted to provide the foundation bases for the proposed Overhead Line Equipment.

Works over the River:

The works on the viaduct directly over the river is covered by marine Licence CML1849, this application is for the piling on the embankment of the river and not actually over the river.

4 no. 610mm Circular Hollow Section piles and associated pile cap to be installed.
Drg No. W1144F-BHU-DRG-ECV-SK001 A01
Steel Pile Cap approx. 2.5m x 2.5m

Timescales:

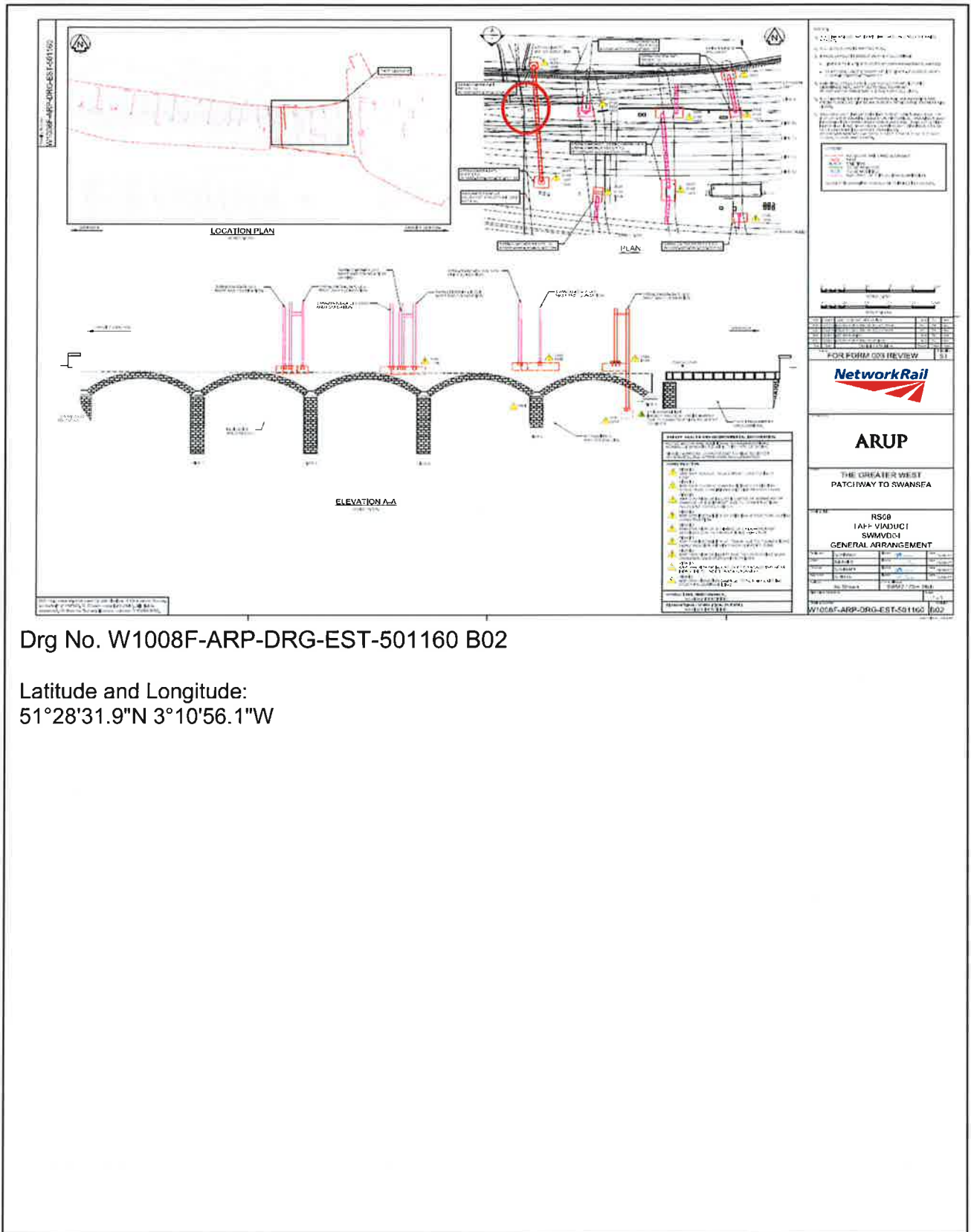
30/01/2019 – 24/12/2019

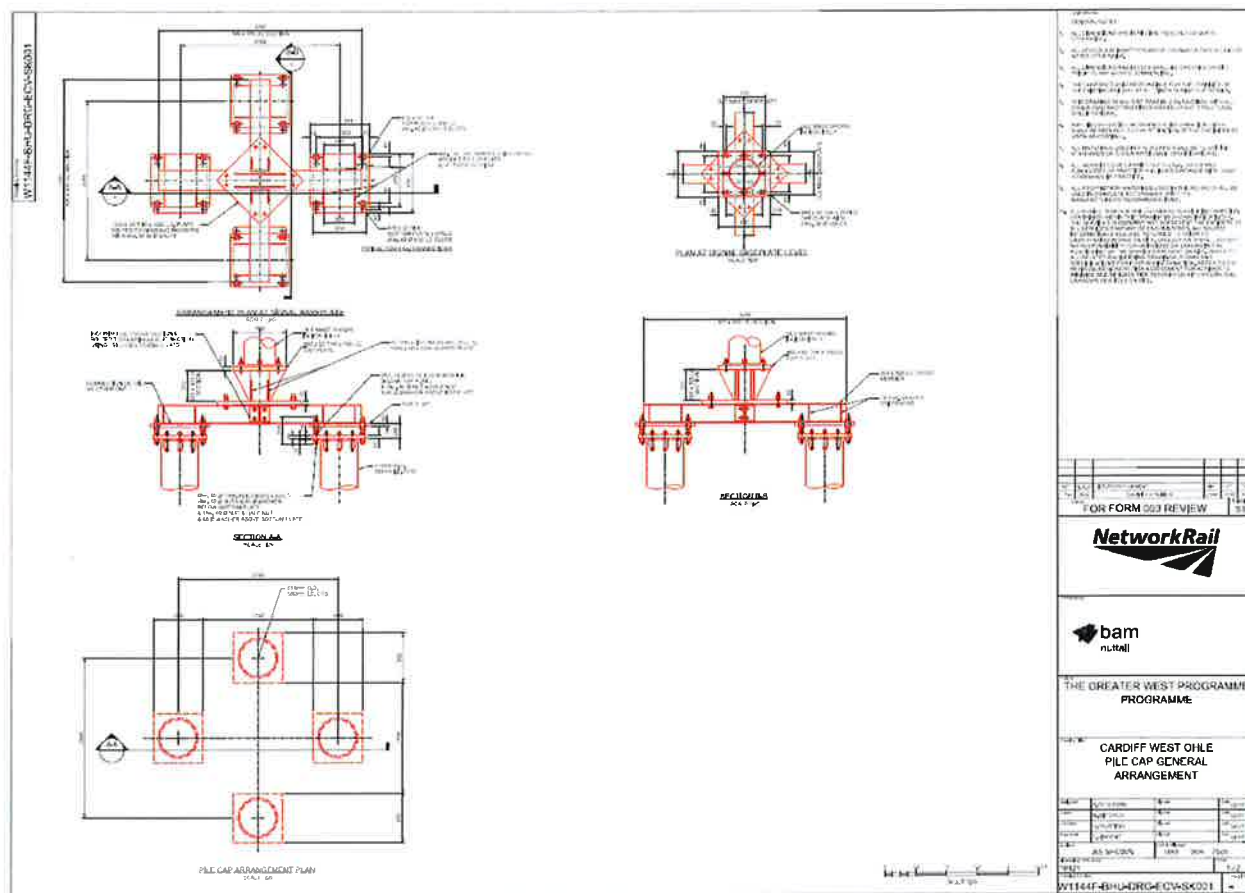
Initial licence period includes time risk allowance.

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

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 2 decimal places, defining the extent of the project. **Please specify which coordinate system has been used.**





Drg No. W1144F-BHU-DRG-ECV-SK001 A01

Latitude and Longitude:
51°28'31.9"N 3°10'56.1"W

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

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

Drg No. W1144F-BHU-DRG-ECV-SK001 A01

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.**

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

- A cluster of Circular Hollow Section pile will be installed on the Western embankment – inside of the flood defence wall.
- Plant for piling works will be located on adjacent highway.
- Circular Hollow Section piles will be installed by utilising a piling rig [Colmar Piling Rig]. All arisings will be disposed of offsite by a licenced contractor.
- The Road Rail Vehicle [RRV] working in Road Mode will be utilised to install the piles.
- The Road Rail Vehicle will use a Movax attachment to pick up the pile from its trailer and pitch. The installer will communicate with the Crane Controller [CC] and Road Rail Vehicle operator and guide the pile over the required location. The Movax attachment will vibrate the pile into the ground. The line and level will be checked by the installers during this activity to ensure the pile is installed in the correct position and that it is level. This will continue until the pile has refused under vibration or when the pile has reached the design level.
- If piles have refused under vibration, an Road Rail Vehicle will use a hydraulic impact hammer attachment to drive the piles to the finished level. The Impact Hammer will be lifted onto the pile under guidance from the installers, when the installer has ensured the Hammer is sitting on the pile correctly, the hammer will then be activated and drive the pile under impact to the finished level.
- Four no. permanent casings will be installed at the foundation location. Once installed, a steel pile cap will be lifted into position and connected appropriately with bolts.
- Impacts from the works will be localised. No long term or significant impact is envisaged.
- Sediment disturbance expected throughout 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?

Installation of Circular Hollow Section piles.

Expecting a low potential for low level noise due to methodology. The piling works will be completed on the adjacent embankment outside of the water. Therefore any noise created will be via ground transmission rather than piling in the water column.

Process is:

Vibrate pile locations to 1m above finish level. Then the piles will be back driven to finish level using a hammer attachment attached to the Piling Rig. Pile cap will be installed by lifting into position and connected via bolts.

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

15 days

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

(i) Minimise risk to the marine environment

Refer to site setup above.

Sand bags will be placed along perimeter of works to collect heavy sediment. Runoff [minus sediment] will be discharged into adjacent watercourse.

All fuels/oils to be stored at site welfare facilities to the rear of Cardiff Central Station in a locked Control of Substances Harmful to Health [COSHH] Stores.

See methodology in section 7 A.

(ii) Prevent undue interference to others

Don't perceive to be any. See attached drawing for location of works. The piling activity is highly localised and is not in the immediate vicinity of any third party – and is adjacent to busy and 'loud' railway line.

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

Not in navigable channel. Works adjacent to flood defence wall.

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

7. 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.

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.

Material transported via highway.

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.

Piling arising's will be removed – circa 1 tonne

Temporary Materials:
Timber
Geotextile membrane.

8. 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*

N/A

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

N/A

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

Yes ☐ No ☒

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

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

9. Temporary Works

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

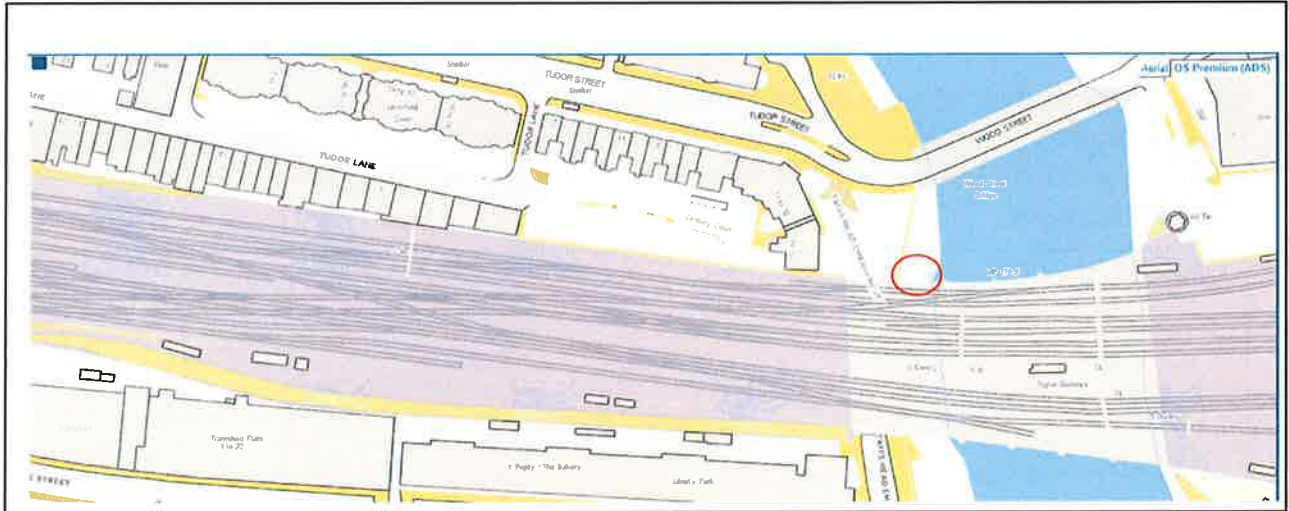
Yes ☒ No ☐

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.



10(c). Description of temporary deposits

Timber to be used to temporarily store pile cap.

Sand bags to collect sediment. Straw bales may also be utilised as a filtration measure.

All temporary materials will be removed on completion of the works.

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).

If works are located within 2km of a European designated site an Environmental Sensitivity Supplement (ESS) is payable in addition to the application fee

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?

Band 1 Marine Licence for works on the viaduct only CML1849
Email from Peter Morrison from NRW Marine Licence Permitting Team 26th June 2018

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?

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

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.

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Please note that if the proposed construction works are in or within 2km of a European Site of Conservation Importance an Environmental Sensitivity Supplement (ESS) is payable and you will have to provide suitable mitigation measure to avoid any impact on designated conservation sites.

13. 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)	Works done under permitted development (see section 14 a(i))		16/02937/MNR	23/01/2017 – 22/01/2022
Name and Address of LPA for location of works	Cardiff County Council, County Hall, Cardiff, CF10 4UW			
Land Owners Consent such as The Crown Estate Consent	See note below			
Port Authority or Local Harbour permissions	See note below			
Other NRW consents such as Flood Defence or SSSI assent			Marine Licence Band 1 CML1849	07/09/2018 – 06/09/2019
Details of NRW consent	ML Band 1 for viaduct works only			
Other consents such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction	Streetworks Application 10 Day Occupation			
Details of other consents	The land appears to be unregistered but borders land owned by the City of Cardiff Council, the river bed is owned by the Crown Estate – but piling is on the embankment which is outside of their ownership. The Council have also been talking on behalf of the Cardiff Harbour Authority.			

14. 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

Network Rail is undertaking these works using its Permitted Development Rights under the powers of Schedule 2, Part 11 of the Town and Country Planning (General Permitted Development) Order 1995, as amended. The Rights allow Network Rail to undertake development authorised by a local or private Act of Parliament, or an Order approved by both Houses of Parliament.

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

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

16. Application Fee

16(a). What are the corresponding fee band and fee for this application?

	Fee Band	Fee
Application Fee	Band 2	£1920
Environmental Sensitivity Supplement (ESS)	N/A	
TOTAL application fee		£1920

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

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

Please attach **CC1 Form** with application. Can be found at:

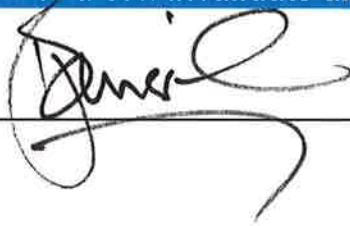
<http://naturalresourceswales.gov.uk/content/docs/pdfs/apply-and-buy/credit-and-debit-card-payments.pdf?lang=en>

17. 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

2/10/18

Name (in capitals)

DAVID BUISSON

Position in Company

Major Programme Director

*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