

Application for a Band 1 Marine Licence

Project description

Project name

Channel View Footbridge

Please provide a brief description of the proposed project, including location.

APEM have been commissioned to conduct Aquatic Ecology assessments including EIA Scoping, Aquatic Ecology ES Chapter and WFD Assessment for a proposed foot and cycle bridge across the river Taff. A macroinvertebrate survey is required to inform the Aquatic Ecology ES Chapter.

The proposed location of the survey is within the river Taff just upstream of Cardiff Bay. General coordinates of where the survey will take place are:

Latitude: 51.459934

Longitude: -3.178679

The survey will consist of the following sampling methods:

Airlift sampling - Three locations will be sampled using airlift sampling techniques which is considered best practice for collecting benthic macroinvertebrates in deep watercourses. Samples will be taken across the river at the three locations.

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	Connor Markham
Company or trading name	APEM Ltd.
Company Registration Number (if applicable)	02530851
Name of contact or individual (if different)	Connor Markham
Position in company	APEM Ltd.
Address (provide registered company address if applicable)	Riverview, A17 Embankment Business Park, Vale Road Heaton Mersey, Stockport,
Postcode	SK4 3GN
Telephone number	0161 442 8938
Email address	c.markham@apemltd.co.uk

Details of agent, contractor, vehicles and/or vessels used to carry out works

Does the applicant wish to be included in all correspondence?

Yes

Will the works require the use of vessels?

Yes

Will the works require the use of any vehicles?

No

Proposed project details

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 the licence fee.

Start date (DD/MM/YYYY) 17/11/2022

Requested licence expiry date (DD/MM/YYYY) 17/11/2023

Please detail the location of the proposed project.

This should be either Ordnance Survey National Grid Reference (i.e. SN 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 and if using GIS co-ordinates, specify which projection has been used.

Ordnance Survey National Grid Reference: ST 18208 74098

Extent of survey area:

51.459488; -3.179235
51.459482; -3.179851
51.459482; -3.179999
51.460234; -3.179954
51.460284; -3.179527
51.460677; -3.1795
51.460677; -3.177519
51.460347; -3.177736
51.460095; -3.177698
51.459815; -3.177497
51.4595; -3.177198
51.459301; -3.176902
51.459222; -3.176731
51.459179; -3.176552
51.459157; -3.179226
51.459488; -3.179235

Sampling Stations:

A1 start: 51.460615; -3.179493
A1 end: 51.460625; -3.177588
A2 start: 51.459956 ; -3.179953
A2 end: 51.459961; -3.177625
A3 start: 51.459278; -3.179139
A3 end: 51.459308; -3.176938

Survey Area: 0.027km²

Coordinate system: WGS 1984

Method statement

Are the works within a sensitive area or one of the following activities: boreholes, replacement piles or beach management?

No

Method statement

Please give a brief method statement outlining the proposed project

APEM have been commissioned to conduct an aquatic ecology survey to inform the preparation of an Environmental Impact Assessment (EIA) for the construction of a proposed foot and cycle bridge across the River Taff, Cardiff.

The proposed location of the survey is within the river Taff just upstream of Cardiff Bay. General coordinates of where the survey will take place are:

Latitude: 51.459934

Longitude: -3.178679

Surveys will consist of the following sampling techniques:

Airlift sampling - Three stations will be sampled using airlift sampling techniques which is considered best practice for collecting benthic macroinvertebrates in deep watercourses. Samples will be taken across the river from an inflatable rib at the three stations. Airlifting requires the use of compressed air which forces the sample up a purpose made tube into a collection bag. Retrieved samples will then be taken onshore and either stored for laboratory processing or processed and stored in situ.

Please state the measures to be taken to minimise risk to the marine environment

APEM are aware of the dangers of transferring invasive non-native species (INNS) among water bodies and therefore we will deploy their biosecurity procedure at all times, including observing the Check, Clean, Dry campaign. The biosecurity measures adhered to, as a minimum, in all surveys are:

- Checking and cleaning survey vehicles, equipment and PPE before carrying out any work on site;
- Drying clothes and boots between survey days; and
- Disinfection of all equipment and vehicles with Virkon Aquatic disinfectant where required.

APEM will use an inflatable rib to conduct surveys and will ensure that the vessel is deployed and removed from the river Taff to ensure that no INNS transfer takes place between other waterbodies within the area.

Please state the measures to be taken to prevent undue interference to others

APEM have identified various users of river Taff (e.g. Cardiff City Rowing Club). APEM have also contacted the local authority (Cardiff Harbour Authority) and other relevant authorities prior to surveys taking place to ensure that other users of the waterbody are notified of the survey that takes place. This will prevent any undue interference to others.

Please state the measures to be taken to maintain navigational safety, including marking and lighting of works

APEM have consulted both the MCA and Trinity House regarding the risk to navigational safety.

The MCA have requested that 'all maritime safety legislation is complied with' and that 'the applicant should gain the approval/agreement of the responsible local navigation authority or the Harbour Authority/Commissioners/Council. APEM have agreed to this.

Trinity House have stated that they have no objections to these works, providing any requirements suggested by the harbour authority are adhered to. APEM have agreed to this.

APEM has identified the local harbour authority as 'Cardiff Harbour Authority' and have contacted them in regard to navigational safety.

Materials of the project

Description of materials to be deposited seaward of Mean High Water Springs (MHWS) (Please tick all that apply)

Other (please provide a description of materials):
N/A

Delivery method of materials to site

If sea delivery, details of vessels to be used with a chart of proposed route and transshipment area is required. If delivery is by vehicle, the details about the proposed access route are required. Please indicate if you are providing details in a separate file.

All equipment for the survey will be transported via vehicle from APEM's South Wales office (7 Old Field Rd, Bridgend, CF35 5LJ).

Equipment will be transported via the M4(E), A4232 and Ferry Rd to Cardiff Rowing Centre (Channel View, Jim Driscoll Way, Cardiff CF11 7HB).

APEM will park at Cardiff Rowing Centre and deploy the vessel (inflatable rib) from their slipway or pier.

Will the works involve removals seaward of MHWS?

Yes

Description of materials to be removed seaward of MHWS (Please tick all that apply)

Other

Description of objects/materials to be removed seaward of MHWS, including quantities to be removed.

Sediment will be taken from the river Taff using airlift sampling techniques. A total of three samples will be taken at different locations across the river covering a maximum area of approximately 0.002402 km². A maximum volume of approximately 3L (0.003 cubic metres) of sediment will be removed.

Additional information

Please provide the following:

You must include a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project complete with north arrow and scale

You must include details of correspondence with MCA, Trinity House and The Crown Estate

You must include any pre application advice/correspondence with NRW

Correspondence with RCAHWW (B1 removals only)

Please upload these below

- File: P8617 Channel View Footbridge - Survey Area and Airlift Sampling Locations.jpg - [Download](#)
- File: P8617 - Consultation with NRW.docx - [Download](#)
- File: P8617 - Consultation with MCA.docx - [Download](#)
- File: P8617 - Consultation with Trinity House.docx - [Download](#)
- File: P8617 - Consultation with RCAHMW.docx - [Download](#)
- File: P8617 - Consultation with Cardiff Harbour Authority.docx - [Download](#)
- File: P8617 - Consultation with GGAT.docx - [Download](#)

Please list below all supporting documents that have been submitted with this application.

Supporting documents submitted with this application:

- OS map with details of survey area and sampling locations.
- Consultation with Natural Resources Wales (NRW)
- Consultation with Maritime and Coastguard Agency (MCA)
- Consultation with Trinity House
- Consultation with Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW)
- Consultation with Glamorgan-Gwent Archaeological Trust (GGAT)
- Consultation with Cardiff Harbour Authority (CHA)

Statutory powers

Does the applicant have statutory powers to consent any aspect of the project? e.g. coast protection authority, dredging powers, statutory undertakers

No

Public register

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:

	Yes	No
Would be contrary to the interest of National Security?		X
Would prejudice to an unreasonable degree you, or some other person's commercial interest or those of a third party?		X

Application fee

Please provide the method of payment

BACS

Reference number (not BACS remittance no.)
PRCAPPAPPEML861

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. This could invalidate any licence granted.

Name	Connor Markham
Date	14/10/2022
Position in company	Marine Consultant

If you would like a copy of your completed form, please add your preferred email address below:

c.markham@apemltd.co.uk