

Application for a Band 1 Marine Licence

Project description

Project name

IW01416 CERD Development Sudbrook

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

To enable the design of a permanent solution for coastal protection works to the sea wall and rock revetment at Sudbrook, it is required that ground investigations are carried out. The Ground Investigations (G.I) will determine the existing ground conditions at the locations of repair. The Specification shall be the UK Specification for Ground Investigation, Second Edition, as published by ICE Publishing in 2012.

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	Registered Company
Full name	Amalgamated Construction Ltd
Company or trading name	AmcoGiffen
Company Registration Number (if applicable)	00995892
Name of contact or individual (if different)	Fiona Bussell
Position in company	Senior Sustainability & Assurance Advisor
Address (provide registered company address if applicable)	3175 Century Way Thorpe Park Leeds
Postcode	LS15 8ZB
Telephone number	01226 243413
Email address	fiona.bussell@amcogiffen.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?

No

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) 13/03/2023

Requested licence expiry date (DD/MM/YYYY) 12/03/2024

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.

Latitude, Longitude (decimal)

51.5838, -2.7108

51.5837, -2.7103

51.5823, -2.7125

51.5825, -2.7128

Method statement

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

Yes

Band 1 method statement template

You can upload your method statement here or fill in the questions below.

- File: 21529B-SPE-006 - Sudbrook Sea Defence - A02.pdf - [Download](#)
- File: Modular Rig Method Statement.pdf - [Download](#)
- File: IW01416 CERD - Sudbrook - Environmental Mitigation Measures.pdf - [Download](#)

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

The scope of works include ground investigations (window sampling, boreholes and dynamic probes) to help inform permanent design for works to be carried out at Sudbrook Sea Defence in the context of the renovation requirements set out by Network Rail.

Latitude, Longitude (decimal)

51.5838, -2.7108

51.5837, -2.7103

51.5823, -2.7125

51.5825, -2.7128

Scope of works

Please provide a full description of all proposed works including: Sequence of works (mobilisation, marine works, site remediation (if required)) Estimated timing of works (duration, working hours, day/night, plus contingency) Plant, machinery or vessel required Estimated quantities (removals, deposits, construction materials)

The scope of the ground investigation is as follows:

3no Rotary Core Boreholes to a minimum of 12m. SPT testing to be carried out at 1.0m intervals from 1.2m depth to 5m depth and at 1.5m intervals thereafter.

Each Borehole location is to be commenced with a hand dug inspection pit to a depth of no less than 1.2m.

1no Windowless Sample to a minimum of 6m depth or refusal on the beach. Windowless sample position is to be commenced with a hand dug inspection pit to a depth of no less than 1.2m.

1no. Dynamic Probes (DPSH), adjacent to Windowless sample location This shall be carried out to a depth of 6m or refusal;

5no cores through existing sea wall, spaced at 25m centres along the wall. Cores are to be done at mid height of wall and horizontally.

Geotechnical and Geo-environmental laboratory testing of selected samples;

Logging and reporting to BS EN 1997-1 and BS5930-2015;

Only a factual report is required.

Works will be carried out during the hours of 07:30 to 17:00 Monday to Friday and last for 5-days.

No vehicles or vessels required.

Plant in use will be a CAT and genny, modular drilling rig, GPS survey equipment, hand tools for digging window sample.

Less than 25kg of material for sampling and testing.

Access and working areas

Please provide details of access to the site and working areas. This should include: Attached map of the access/egress route and working areas (annotated aerial image and/or OS map) Predicted plant/vehicle movements Storage areas for plant, equipment and materials (if required) Risks to navigation

Access will be on foot from the Network Rail Sudbrook Pumping Station onto the the beach in front of the pumping station and along wall.

Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include: Pollution prevention and control procedure (guidance available on the NetRegs website) Spill response kits Minimise plant traffic Designated access and egress routes Storage of materials (fuel, chemicals, construction waste) Biosecurity (guidance available at <http://www.snh.gov.uk/docs/A1294630.pdf>)

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1. All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works. Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Plant, vehicles and machinery will not be refuelled on the foreshore. Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice. All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment. In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

Development of an emergency response procedure for accidental pollution events.

All equipment will be brought to the works location on the day so there will be no storage of equipment below MHWS.

Access will be via foot, no vehicles will be taken onto the beach.

Hand and battery powered tools will be prioritised, where fuel based equipment is used it will be refuelled away from the beach, landward of MHWS and over secondary containment.

Daily checks of equipment will be undertaken prior to works below MHWS to ensure they are working correctly and not faulty. If faulty they will be taken out of use and replaced.

On completion of the works, all equipment and materials will be removed from works location with any waste materials bagged up and removed.

All tools and equipment will be checked and cleaned before accessing the beach to prevent biosecurity impacts from the works.

Flooding risks will be minimised by the following approaches:

Tide times will be monitored daily.

Site staff will monitor weather forecasts and check for any flood alerts/tidal surges. Should flooding be expected, all site activities will be stopped. All personnel, equipment and material will be removed from the site.

To minimise any undue interference to others, the following approaches will be taken:

The access points to the works area on the beach will be from either railway infrastructure or public access points. Railway access points will be fully secured to prevent unauthorised access.

No requirement to use vehicles on the beach.

Access will be confined to shortest distance as close to the MHWS mark as possible to reach the work location.

Works will be undertaken during daylight hours minimising disturbance to local residents.

To protect any historical or archaeological assets consultation was undertaken with local archaeological trust and the Royal Commission on the Ancient and Historical Monuments of Wales.

Response received that a Protocol for Archaeological Discoveries (PAD) to be in place due to the possibility of material being present relating to Sudbrook Camp and Sudbrook Chapel (Scheduled Monument) to the west of the sea wall. Albeit a reduced likelihood because the works are in an area already disturbed.

Glamorgan Gwent Archaeological Trust will be contacted in the event that anything is discovered in the course of the sampling.

Copies of the ground investigation reports will be submitted to each organisation for their reference.

Additional information

Please list any additional information that may help with the application:
Consents/permissions required List of plans or drawings attached to method statement
Emergency procedures Contact details

The G.I works will be undertaken by Geotechnical Contact: Chris Morgan
T: 07890 615656
E: chris.morgan@geoeng.co.uk

AmcoGiffen contact is Marcus Daniells (Marcus.Daniells@amcogiffen.co.uk).

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):
Grout to fill in cored and borehole sample points.

Delivery method of materials to site

If sea delivery, details of vessels to be used with a chart of proposed route and transhipment 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.

By personnel, on foot.

Will the works involve removals seaward of MHWS?

Yes

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

Stone/rock

Gravel

Sand

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

Soil and sub soil, which will include a mix of stone, gravel and sand. No more than 25kg in total.

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

If applicable, any 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)

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

Correspondence with RCAHWW (B1 removals only)

Please upload these below

- File: IW01416 CERD - Sudbrook Location Plan.pdf - [Download](#)
- File: IW01416 CERD Development - Sudbrook Heritage Map.pdf - [Download](#)
- File: IW01416 CERD Development - Sudbrook RCAHWW Consultation.pdf - [Download](#)
- File: Sudbrook CERD - PEA - 2022 - Rev 1.pdf - [Download](#)
- File: IW01416 - CERDS Development - Communication with MCGA & Trinity House.pdf - [Download](#)

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

21529BSPE006 Sudbrook Sea Defence A02
IW01416 CERD Sudbrook Environmental Mitigation Measures
Modular Rig Method Statement
IW01416 CERD Sudbrook Location Plan
IW01416 CERD Development Sudbrook RCAHWW Consultation
IW01416 CERD Development Sudbrook Heritage Map
CERDS Development Communication with MCGA & Trinity House
Sudbrook CERD PEA 2022 Rev 1

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

If yes, please give details and state the relevant legislation that gives these powers.

However, the works are being carried out on behalf of Network Rail, who are a Statutory Undertaker.

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.)

PRCAPPAMCOG166

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 Fiona Bussell

Date 17/02/2023

Position in company Senior Sustainability & Assurance Advisor

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

fiona.bussell@amcogiffen.co.uk