

Application for a Band 1 Marine Licence

Project description

Project name

Clean Seas Environmental Monitoring Programme

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

As part of the Clean Seas Environmental Monitoring Programme we have fixed survey stations in the area we are sampling in 2022 which are routinely sampled every two years. We will collect 0.1m cube of sediment at up to 50 random chosen stations using a day grab in the Celtic and Irish Sea, which will be analysed in the laboratory for contaminants to ensure the UK government adheres with European Commission regulations. The results of this monitoring programme will be part of OSPAR reporting. Therefore, we have added all possible stations in the below station list. The density of grab samples will not exceed 50 samples within any one hectare. The survey will take place between the 1st June until the 31st July on board the RV CEFAS Endeavour.

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	Mrs
Full name	Freya Goodsir
Company or trading name	CEFAS
Company Registration Number (if applicable)	NA
Name of contact or individual (if different)	NA
Position in company	Senior Research Scientist
Address (provide registered company address if applicable)	Cefas Lowestoft, Pakefield Road Lowestoft Suffolk
Postcode	NR33 0HT
Telephone number	01502524420
Email address	freya.goodsir@cefass.co.uk

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

Agent details

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

Title	MRS
Full name	Freya Goodsir
Company or trading name	CEFAS
Company Registration Number (if applicable)	NA
Name of contact or individual (if different)	NA
Position in company	Senior Research Scientist
Address (provide registered company address if applicable)	Pakefield Road Lowestoft Suffolk
Postcode	NR330HT
Telephone number	01502524420
Email address	freya.goodsir@cefas.co.uk

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)	01.06.22
Requested licence expiry date (DD/MM/YYYY)	31.07.22

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.

Station name x y Priority
CSEMP655 -4.175 52.3583 1

5p_126_CSEMP655_Southmudpatch -5.04296 52.077 1
20p_986_CSEMP655_North -4.30277 52.8658 2
5p_136_CSEMP655_Southmudpatch -4.45463 52.24582 3
20p_995_CSEMP655_North -4.27252 52.8925 4
5p_120_CSEMP655_Northmudpatch -4.55319 52.77188 5
20p_990_CSEMP655_North -4.16649 52.8457 6

Method statement

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

No

Method statement

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

- File: band-1-low-risk-activity-method-statement CSEMP2022.docx - [Download](#)

Please give a brief method statement outlining the proposed project

As part of the Clean Seas Environmental Monitoring Programme we have fixed survey stations in the area we are sampling in 2022 which are routinely sampled every two years. We will collect 0.1m cube of sediment at up to 50 random chosen stations using a day grab (see below map), which will be analysed in the laboratory for contaminants to ensure the UK government adheres with European Commission regulations. The results of this monitoring programme will be part of OSPAR reporting. Therefore, we have added all possible stations in the below station list. The density of grab samples will not exceed 50 samples within any one hectare. The survey will take place between the 1st June until the 31st July on board the RV CEFAS Endeavour.

The RV CEFAS Endeavour will sail from Lowestoft to Port between the 1st June to 31st July 2022. We will be work 24hrs operations in two 12 hrs shift patterns. The work will be carried out on the RV CEFAS Endeavour, we will deploy a day grab (see image below) from the starboard side gantry. At each site a small volume sediment (< 0.1 m3, max two replicates per site) will be removed for sediment, polycyclic aromatic hydrocarbons (PAHs), trace metal contaminants, sediment particle size analysis (PSA), marine plastics and benthic fauna. Work being undertaken to evaluate sediment contamination levels and benthic community abundance at a number of locations around the Welsh coastline. This work is being undertaken as part of Defra's Clean Seas Environmental Monitoring Programme (CSEMP) for the purposes of OSPAR reporting. Each deployment is likely to take between 15 minutes to an hour dependant on the ground conditions. We can confirm that the total sample volume across all samples is no more than 4 cubic metres. We will only collect the minimum sediment requirements to not disturb the seabed more than absolutely necessary to carry out the research work for the UK government, no effects are anticipated from the works carried out.

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

The work will be carried out within the following MPAs listed below, however no effects are anticipated from the works carried out. West Wales Marine/Gorllewin Cymru Forol SAC, Northern Cardigan Bay/Gogledd Bae Ceredigion, Pen Llyn a r Sarnau/Lleyn Peninsula and the Sarnau, Liverpool Bay/ Bae Lerpwl

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

We will only collect the minimum sediment requirements to not disturb the seabed more than absolutely necessary to carry out the research work for the UK government.

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

Trinity House and MCGA have been notified and correspondence sort. Further to this a notice to mariners and a kingfisher bulletin will be issued before the survey commences

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):
NA

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.

NA

Will the works involve removals seaward of MHWS?

No

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

Silt

Gravel

Sand

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

At each site a small volume sediment (< 0.1 m3) will be removed for sediment analysis (polycyclic aromatic hydrocarbons (PAHs), trace metal contaminants, sediment particle size analysis (PSA), and benthic fauna).

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

Please upload these below

- File: CEND1022_Sediment_Stations.png - [Download](#)
- File: Spatial sediment stations_V1.pdf - [Download](#)
- File: Trinity House.pdf - [Download](#)
- File: MCGA.pdf - [Download](#)
- File: RCAHMMW.pdf - [Download](#)

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

Map

station positions

Correspondence (Trinity House, MCGA, RCAHMMW)

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

Reference number (not BACS remittance no.)

RML2213

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 Freya Goodsir

Date 03.04.22

Position in company Marine Research Scientist

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

freya.goodsir@cefas.co.uk