

SAM/2021/00027

Sediment Sampling

Customer details

This is the person, company or organisation that holds or will hold the licence.

Project owner: If submitting on behalf of an individual or organisations, please provide their details here:

Contact type

Select the Contact type. Individual should only be selected when the contact is not working on behalf of an Organisation.

- Individual
- Organisation

Trading title (if applicable)

Title

Mr

Forename

Andrew

Surname

Ridley

Organisation name

PD TEESPORT LTD

Reg number

Position in organisation

Contact within company

Postcode

TS2 1LX

Postal address

CRAFT DEPOT
VULCAN STREET
MIDDLESBROUGH

Telephone number

Please enter numbers, brackets and the international symbol (+) if needed.

01642 877103

Fax number

Please enter in format +00(0)0000 000000

Email address

Please enter a valid email address formatted as xx@xx.xx

andrew.ridley@pdports.
co.uk

Sampling information

Project title

(Max. 250 characters)

Tees and Hartlepool maintenance
dredge disposal licence - mid licence
sampling

A request to validate a laboratory cannot be combined with any other type of request.

Please select your requirements

If you are validating a lab, please ensure that you have provided all of the required information. Please review the guidance on our website. You will need to submit two forms if you want to validate a laboratory as well as request a sample plan and/or analysis. One for the laboratory validation and one for the plan and analysis.

- Sample plan
- Analysis
- Validate a laboratory

Activities

Please select the type of activity that would take place.

Activity type

- | | | |
|---|--|--|
| <input type="checkbox"/> Construction, alteration or improvement of any works | <input checked="" type="checkbox"/> Deposit of any substance or object | <input checked="" type="checkbox"/> Dredging |
| <input type="checkbox"/> Incineration of any substance or object | <input type="checkbox"/> Removal of any substance or object | <input type="checkbox"/> Scuttling of any vessel or floating container |

Site location

The site location is needed to identify the location and area of your activities.
Please specify all relevant sites by clicking the "Add Site(s)" or "Edit Site(s)" button.

Please see included locations.kml file for detailed site locations.

Sample plan

Project background

(Max. 2000 characters) You should explain the background to the project and why samples are required. This should include the aims of the project, the need for the project, whether it forms part of a larger project and any other relevant information.

PD Teesport (PDT) has a statutory duty to maintain navigation within the Tees estuary and into the Hartlepool docks. As part of this responsibility, PDT must maintain the advertised dredge depths within the defined areas. In order to achieve this, PDT carries out maintenance dredging and disposes of maintenance dredged material offshore from the Tees estuary and Hartlepool via marine licence L/2015/00427.

The marine licence contains a condition that requires the submission of sediment quality data to the MMO every three years. The marine licence condition states:

"A regime of future sediment sampling is undertaken by PD Teesport, of at least three yearly intervals, which must be agreed in advance with the MMO. Samples must be collected, analysed and the report of their notification signed off prior to dredging in the fourth and subsequently the seventh and tenth year of this licence."

As the marine licence was issued in 2015, we understand that sediment quality samples need to be collected, analysed and signed off by the MMO prior to dredging in 2022. PDT is therefore seeking a sampling plan from the MMO to address this condition.

We understand that MMO has advised some applicants of delays to the provision of responses to requests made to the MMO. Maintenance dredging and disposal is critical to the continued safe operations at PD Teesport. In addition, PD Teesport has deadlines within which to submit information regarding sediment quality to the MMO to comply with its marine licence. We therefore request that MMO prioritises this sampling plan request so that sediment samples can be recovered and analysed in a timely manner.

Material details

(Max. 2000 characters)

The nature of the material being removed is well understood from the long term maintenance dredging programme which has been undertaken within the Tees estuary and at Hartlepool.

The material to be dredged and deposited offshore comprises surficial deposits within the source area defined on the licence. The licensed disposal volumes are as detailed in the marine licence. The annual volume of material dredged and disposed offshore since 2001 under licence L/2015/00427 has fluctuated, but on average approximately 1.1 million m³ of maintenance dredged materials are deposited offshore each year from the marine licence source area. This is as reported in the Maintenance Dredging Protocol Baseline Document annual reviews undertaken by PD Ports.

Methodology and programme for removal of material

(Max. 2000 characters) To include programme, methods, timescale and duration of the project.

Maintenance dredging is undertaken using a combination of trailing suction hopper dredger and plough.

Maintenance dredging and disposal works are undertaken on a daily basis throughout the year.

Methodology and programme for the disposal of removed material

(Max. 2000 characters) To include programme, methods, timescale and duration of the project. If using approved disposal sites, please give the name of the preferred site.

The maintenance dredged material is transported to the Tees Bay A offshore disposal site and deposited via bottom door release. Maintenance dredging and disposal activities are performed on a daily basis throughout the year. The material is distributed throughout the disposal site, thus avoiding mounding of material at one location within the disposal site boundary.

History of the site

(Max. 2000 characters) You should include any previous analysis details, sample site locations and any other relevant information regarding the history of the site.

The Tees estuary has been subject to a number of recent sediment quality surveys, involving the recovery of samples from both the surface and at depth (which have been tested for the full range of contaminants, including PBDEs). The sediment quality sampling results from such surveys have been uploaded in support of this sampling request.

A number of areas currently excluded (detailed in Condition 5.2.7 of the existing marine licence) have not been recently dredged; PDT is looking to re-sample these locations with the aim of the removing the exclusions as part of this mid-licence sampling exercise. One of these, namely Normanby Wharf was sampled in 2018/19 under sample ref MAR00179.008 and had no AL2 exceedance; PDT requests whether this area can be considered as already sampled and suitable for release from Condition 5.2.7.

Other consents

Have any applications been made to the MMO in relation to this project?

Yes No

Please give details (including application reference numbers if possible)

(Max. 2000 characters)

MMO has recently varied PDT's existing maintenance dredge disposal licence (L/2015/00427/6) to allow for a localised deepening of the navigation channel. Sediment quality sample results that were recovered to support that variation request have been submitted in support of this request.

Has there been any other contact with the MMO in relation to this project?

Yes No

Have any applications been made to or consents issued by other authorities in relation to this project?

This could include applications for planning permission, environmental permits, development consent orders, transport and works orders, marine licences or any other type of licence, permit or consent. This could also include consents from local authorities, Government regulators, harbour authorities, devolved administrations, other European countries and any other type of authority.

Yes No

Public Register

The Marine Management Organisation (MMO) has gathered information from a number of existing sources to support marine planning, marine licensing and associated functions of the MMO. The MMO is continuously adding to the evidence base to support future decision making, with the aim to ensure a sustainable future for our coastal and offshore waters. A new marine plan led system of marine management will set the direction for decision making on marine use and will:

- guide marine users to the most suitable locations for different activities;
- manage the use of marine resources to ensure sustainable levels; and
- consider all the benefits and impacts of current and future activities that occur in the marine environment.

The MMO would like your permission to use any of the data you submit in a digital format that can be entered into a geographical information system. This data may be used to inform MMO functions.

Can we use your data to inform MMO functions

- Yes No

Under section 101 of the Marine and Coastal Access Act 2009 the MMO must maintain a register of activities where it is the appropriate licensing authority. Information contained within or provided in support of this application will be placed on the MMO's Public Register unless:

- The Secretary of State determines that its disclosure would be contrary to the interests of national security; or
- The MMO determines that its disclosure would adversely affect confidentiality of commercial or industrial information where such confidentiality is provided by law to protect legitimate commercial interest.

Is there any information in your application (including any supporting documents) that you believe should be withheld from the Public Register

- Yes No