

MLA/2015/00088/6

Project summary

Application type

Please select the type(s) of application you are applying for.

If you wish to apply for a section 36 or 36A consent or a safety zone in addition to your marine licence application please tick the relevant box.

If you wish to also apply for consent under a local Act or Order please tick the Local Act consent box. Please explain which local Act or Order consent you are applying when giving details of the project background below. You should also upload a copy of the local Act or Order there too.

Application type

Marine licence

Please tick all additional application types that are relevant.

Additional application types

- Section 36 and Section 36A: Electricity Act 1989.
- Local Act Consent: Consent under a local Act or harbour order.

- Section 36
- Section 36A
- Local Act consent
- Safety zone

Project details

Project title

Enter the title of your project (max. 250 characters)

Tees and Hartlepool Maintenance Dredge Disposal

Project background

You should explain the background to the project. 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. (max. 2000 characters)

Renewal of the current maintenance dredge disposal licence (L/2012/00366) which has been on-going over many years. This application is for a 10 year maintenance dredging disposal licence.

The updated Tees Maintenance Dredging Protocol (MDP) Baseline Document. is attached below and is referred to throughout the application.

Programme of works

You should detail the proposed programme of works for the project. This should include proposed start and end dates for the overall project and individual elements of the project. It should also include details of any elements that need to be completed by a certain date and details of any time periods during which activities could not be carried out and the reasons for this. It should also include proposed working hours. (max. 2000 characters)

Works are performed on a daily basis throughout the year and covered under the Tees MDP Baseline Document.

Related consents and applications

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

Yes No

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

Do you have statutory powers to consent or undertake without consent any aspect of this project?

This could include statutory powers of a coast protection authority, harbour authority or lighthouse authority or any other type of statutory powers.

Yes No

Please give details

(max. 2000 characters)

PD Teesport have the powers to dredge under the Teesport Harbour Revision Order 2008

Is the project located within the jurisdiction of a statutory harbour authority?

This includes the jurisdiction of municipal, private and trust ports where they are a statutory harbour authority.

Yes No

Please give details

(max. 2000 characters)

PD Teesport

Applicant details

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

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)

PD Teesport Limited

Title

Mr

Forename

Andrew

Surname

Ridley

Organisation name
PD TEESPORT LIMITED

Reg number
02636007

Position in organisation
Conservancy Operations
Manager

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

Sustainable development

The MMO strongly advise that a strategic appraisal is completed. Issues that should be considered include:

1. Identification of any conflicts between the project and the relevant marine plan.
2. Identification of alignment of the project with the Marine Policy Statement and any relevant National Policy Statement.
3. Identification of the environmental, social and economic drivers for a project that have been identified through existing feasibility studies or discussions with other public bodies (e.g. Local Authorities or Local Economic Partnerships).
4. Identification of any potential issues that may arise due to UK law (e.g. Water Environment (Water Framework Directive) (England and Wales) Regulations 2017, Marine Strategy Regulations 2010, Conservation of Habitats & Species Regulations 2017), and how these can potentially be avoided, or mitigated, at the strategic level.
5. Identification of any priority issues that may need addressing with regard to cumulative effects.
6. Options appraisal undertaken by the applicant, and the social, economic and environmental reasoning behind why the preferred option has been chosen.

Marine policy and plans

Have you assessed whether this project is in accordance with the Marine Policy Statement and any relevant marine plans?

Yes No

Please give details

(max. 2000 characters)

The project is not within a marine plan area and the proposed scheme does not conflict with any of the visions or policy objectives of the Marine Policy Statement.

Have you assessed this project with regard to other policy statements and spatial plans?

This includes national, regional and local policy and spatial plans.

Yes No

Please give details

(max. 2000 characters)

Please see the Tees MDP Baseline Document.

Environmental impact assessment

Has an environmental statement been produced to support this project?

Environmental statements are required for projects of a type listed in the Marine Works (Environmental Impact Assessment) Regulations 2007. If you are not certain whether your project falls within this category, please contact us before proceeding with your application.

Yes No

Habitats regulations assessment

Have the effects of the project on European sites been considered?

Yes No

Please give details

(max. 2000 characters)

Please see the Tees MDP Baseline Document.

Marine conservation zone assessment

Have the effects of the project on marine conservation zones been considered?

Yes No

Please give details

(max. 2000 characters)

There are no MCZs or recommended MCZs within the area.

Sites of special scientific interest

Have the effects of the project on sites of special scientific interest (SSSI) been considered?

Yes No

Please give details

(max. 2000 characters)

Please see the Tees MDP Baseline Document.

Water Framework Directive compliance assessment

Have the effects of the project been considered in accordance with the Water Framework Directive?

Yes No

Please give details

(max. 2000 characters)

Please see the Tees MDP Baseline Document.

Consultation and advertising

Has public consultation taken place and/or has the project been advertised?

Yes No

Has consultation about the project with any other statutory body taken place?

Yes No

Licence summary

Do you consider this application to be for emergency activities?

Emergency activities are those undertaken for the protection of life, property or the environment from an imminent risk.

Yes No

Do you consider this application to be for activities which fall within the fast track process?

The fast track process applies to certain types of small-scale low-risk activity which does not require consultation.

Yes No

Do you consider this application would qualify for the accelerated licensing process for dredging?

The accelerated licensing process applies to certain types of small-scale low-risk dredging activity.

Yes No

Proposed licence start date

01-JAN-2016

Proposed licence end date

31-DEC-2025

Site summary

Please provide the location of your proposed activities. Note that the responsibility for determining whether your proposed activities are below Mean High Water Springs (MHWS) rests with the applicant. If there is any doubt as to whether a site lies below MHWS you can undertake an independent survey to determine its location.

Use the 'Add/edit site(s)' button below to add one or more more locations to your application.

Next use the 'Add activity' button to add activities to your locations. (NB this option only appears once a location is created).

Basic examples:

Dredging at RiverA. Create one site for RiverA and add dredging as an activity.
Dredging and quay wall improvements at RiverA. Create 2 locations: one for the dredging in front of the new quay area and one for the quay wall improvements.
Dredging at RiverA and removal of large concrete block within the dredge area. Create 1 location and add two activities: 1 activity for removal and 1 activity for dredging.

Additional functions:

Subsites, Holes and Exclusion Zones can also be used more guidance is available in the 'Help' guide.

Activities:

When an activity is added to a site it is listed in a table. Click on the activity name in the table or use the links on the left hand side of this screen to navigate to the activity screen where you can provide your method statement and other information.

If you delete a site, the activities linked to it will still be visible on this screen. You must delete these activities or move them to a valid site.

If you would like any advice on using this form or structuring your application please contact us.

Sites

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

HARTLEPOOL

This is a source site only. No licensed activities take place at this site.

TEES

This is a source site only. No licensed activities take place at this site.

TEES BAY A

Site sensitivities

You should provide details of any protected areas (European or Ramsar sites, marine conservation zones, sites of special scientific interest, areas of outstanding natural beauty etc) and protected features (scheduled monuments, protected wrecks etc). You should also provide details of other areas and features of social, economic or environmental value. This could include shipping lanes, fishing grounds, recreational sailing areas, material assets, unprotected habitats and species and any other feature. (max. 2000 characters)

Please see the Tees MDP Baseline Document.

List of activities at this site

Activity	Site	Activity type	Actions
Tees and Hartlepool Maintenance Dredge Disposal	TEES BAY A	Disposal of dredged material	
Tees and Hartlepool Maintenance Dredge Disposal	TEES BAY A	Disposal of dredged material	

TEES BAY A - Tees and Hartlepool Maintenance Dredge Disposal

Site

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

Activity details

Activity type

Please select the type of activity that would take place. If more than one activity would take place you should enter the details of one activity here and then add another activity.

Activity type

Deposit of any substance or object

Activity subtype

Disposal of dredged material

General

Activity title

Enter the title of this activity (max. 250 characters)

Tees and Hartlepool Maintenance Dredge Disposal

Activity description

You should include a detailed description of the activity. For construction activities, this should include the dimensions of the works and materials to be used. (max. 2000 characters)

Renewal of the current maintenance dredge disposal licence (L/2012/00366) which has been on-going over many years. This application is for a 10 year maintenance dredging disposal licence.

Activity methodology

Your method statement should clearly explain how you are going to carry out the activities providing detail on any materials and plant to be used as well as proposed programme timings. (max. 2000 characters)

Suction Dredging

PD Teesport employs two trailing suction hopper dredgers (TSHD) of 1500m (cubed) hopper volume to maintain depths within the navigable channel and berths within The Tees and Hartlepool.

The larger suction dredger (by deadweight) operates on a 6 day/week basis and predominantly dredges sand or sandy silts, the small suction dredger operates on a 3 day/week basis concentrating on silts, fine sands and berth/frontage dredging. Both are traditional suction dredgers with active bottom door dumping systems, the only variation being the vessel deadweight capacity and the inclusion of an active drag-head on the larger vessel to assist in the sand dredging.

Both vessels are essentially maintenance dredge vessels however limited capital dredge is possible where the material is soft or relatively unconsolidated. The two vessels are "Heortnesse" (the larger vessel) and "Cleveland County".

Maintenance dredging operations

The suction dredgers operate on a nominal production time 8-10 hours per day for 6 days per week, this can for a limited period be increased to 22 hours and 7 days per week where sudden increases in deposition rate occur primarily following storm conditions.

Based on both vessels working together the maximum disposal rate equates to around 1200mt per hour and nominally centred around daylight hours.

Plough Dredging

PD Teesport employs a buoy tender "Wilton" using a 5 metre plough 3rd party contractors utilising a 10m plough (bed-leveller) to remove isolated high spots on the river bed primarily off frontages or confined areas. The material is removed from the high spots and deposited into deeper areas where they can be removed using conventional suction dredge process.

This results in no change and on occasion a reduction in production volume or disposal volume but allows dredge depths to be better maintained.

Activity start date	Activity end date
01-JAN-2016	31-DEC-2025

Activity programme

You should detail the proposed programme of works for the activity. This should include proposed start and end dates for the activity. It should also include details of any elements that need to be completed by a certain date and details of any time periods during which the activity could not be carried out and the reasons for this. It should also include proposed working hours. (max. 2000 characters)

Works are performed on a daily basis throughout the year and covered under the Tees Maintenance Dredging Protocol (MDP) Baseline Document.

Potential impacts

You should detail the potential impacts this activity may have. This should include social, economic and environmental impacts. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

As per the most recent Tees MDP Baseline Document which is attached to this application.

Proposed mitigation

You should detail the mitigation you propose in response to the potential impacts. This should include a detailed explanation of the mitigation measure and evidence to demonstrate that the mitigation is likely to be successful. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

As per the most recent Tees MDP Baseline Document which is attached to this application.

Residual risks

You should detail the residual risks from the activity following the mitigation. This should include an assessment of the significance of the risks and evidence to show why these risks cannot be avoided or further mitigated. (max. 2000 characters)

As per the most recent Tees MDP Baseline Document which is attached to this application.

Additional supporting information

You should use this section to provide any further information about this activity that you wish to have taken into account in the processing and determination of this application. (max. 2000 characters)

The WFD Assessment can be found within the the most recent Tees MDP Baseline Document which is attached to this application.

Disposal of dredged material

Material details

Please provide information on the material to be deposited. This needs to state the type of material, when you plan to do this, the specific gravity of the material and the weight of the material in both dry and wet tonnes. You also need to tell us the source of the material by selecting the source site.

If you have not yet entered the coordinates of the source site, you should go back to the Sites and activities summary screen (see the left-hand menu) and enter these coordinates first. You can do this by adding a new site.

On this page, you can add more rows to tell us about material you propose to deposit on different dates or about different types of material that you propose to deposit.

Start date	End date	Material	Specific gravit	Amount to be	Amount to be	Source Site
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			y	deposited (dry tonnes)	deposited (wet tonnes)	
01-JAN-2016	31-DEC-2025	Sand (62.5um-2mm)	1.6	1055439	1507770	TEES
01-JAN-2016	31-DEC-2025	Silt (31.25-62.5um)	1.6	651455	930650	TEES

Further details

Dredge details

You should provide details of the dredge. This should include the methodology and location. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

This has already been set out above.

Has the dredged material been analysed?

You should provide analysis of the sediment to enable a determination to be made about whether the material is suitable for disposal to sea. This should include particle size analysis and analysis against Cefas Action Levels.

Yes No

Please give details

(max. 2000 characters)

Please see attached file.

Has this activity been assessed in line with the waste hierarchy?

The disposal of dredged material to sea should be considered a last resort. You should provide details of alternatives that have been considered and the reasons why you propose to dispose of the material to sea.

Yes No

Please give details

(max. 2000 characters)

Please see section 3.2 of the Tees MDP Baseline Document.

TEES BAY A - Tees and Hartlepool Maintenance Dredge Disposal

Site

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

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			y	deposited (dry tonnes)	deposited (wet tonnes)	
01-JAN-2016	31-DEC-2025	Sand (62.5um-2mm)	1.5	226320	322800	HARTL EPOOL
01-JAN-2016	31-DEC-2025	Silt (31.25-62.5um)	1.4	89936	128480	HARTL EPOOL

Further details

Dredge details

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This has already been set out above.

Has the dredged material been analysed?

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Yes No

Please give details

(max. 2000 characters)

Please see attached file.

Has this activity been assessed in line with the waste hierarchy?

The disposal of dredged material to sea should be considered a last resort. You should provide details of alternatives that have been considered and the reasons why you propose to dispose of the material to sea.

Yes No

Please give details

(max. 2000 characters)

Please see section 3.2 of the Tees MDP Baseline Document.

Licence conditions

Are there any conditions you consider should be added to the marine licence?

Any suggested conditions will be considered as part of the application and may be applied to the consent. However, proposed conditions may also be edited or removed and other conditions may be applied in addition to or in place of any conditions you propose.

- Yes No

Other details

Fees and charges

Cost of project seaward of mean high water springs (£)

Specify pounds only or pounds and pence, e.g. 1000 or 1000.10

3000000

Public register

Permission to add your data to the MMO evidence base:

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.

1.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

2.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