

# MLA/2015/00334/11

## 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)

Able Seaton Port berths, Holding Basin and Channel

## 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)

Requesting new licence to replace previous one L/2012/00160/8.

Objective is to improve access into Able Seaton Port by deepening approach channel and maintaining access thereafter.

The facility is an emerging business and works will be undertaken on demand in accordance with commercial developments.

## 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)

There is an immediate need (Q1/2017) to dredge the approach channel and holding to - 6.5mCD in order to receive the Shell Brent Delta module.

As discussed at a meeting with MMO (Adam Chumley/Matthew Kinmond) on 26/10/16, further dredging campaigns will be undertaken in response to commercial demand. Volumes of material to be dredged and disposed of are given in the attached spreadsheet.

Dredging to be undertaken on a 24/7 basis to maximise use of plant.

## 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

**Please give details**

(max. 2000 characters)

Meeting between the Applicant and MMO on 26/10/16 with Adam Chumley and Matthew Kinmond

**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

**Please give details (including the authority name, dates, application reference numbers and the status of the application or consent where possible)**

(max. 2000 characters)

Hartlepool borough Council planning permission granted (2007)

Consent number H/2007/0545

**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

**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)

Works will be undertaken within the jurisdiction of the Tees and Hartlepool Port Authority

## 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)**

Able UK

**Title**

Mr

**Forename**

Colin

**Surname**

Harrison

**Organisation name**

ABLE UK LTD

**Reg number**

**Position in organisation**

Manger

**Contact within company**

**Postcode**

TS23 1PX

**Postal address**

ABLE HOUSE  
BILLINGHAM REACH  
INDUSTRIAL ESTATE  
HAVERTON HILL ROAD  
BILLINGHAM

**Telephone number**

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

+44 (0)1642 806 080

**Fax number**

Please enter in format +00(0)0000 000000

## Email address

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

charrison@ableuk.com

## 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

**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

## 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

**Please give details**

(max. 2000 characters)

Produced as per previous Licence and consent (L2012/00160/7)

## Habitats regulations assessment

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

Yes       No

**Please give details**

(max. 2000 characters)

As per uploaded EIS appendices

## Marine conservation zone assessment

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

Yes       No

**Please give details**

(max. 2000 characters)

As per uploaded EIS appendices

## 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)

Refer to EIS Appendices

## 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 find attached.

## Consultation and advertising

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

Yes       No

**Please give details**

(max. 2000 characters)

Adverts placed in 2 papers on 26/8/15 and 2/9/15 for application reference MLA/2015/00334.

Plans also made available in accordance in accordance with the advertisement

**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-2017

**Proposed licence end date**

31-DEC-2026

## 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.

## 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)

### List of activities at this site

Activity	Site	Activity type	Actions
Disposal of Silts and soft material to TEES BAY A	TEES BAY A	Disposal of dredged material	



## TEES BAY C

### 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)

### List of activities at this site

Activity	Site	Activity type	Actions
Disposal of Clay to TEES BAY C	TEES BAY C	Disposal of dredged material	

## Able Seaton Port Holding basin and Channel

### 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)

### List of activities at this site

Activity	Site	Activity type	Actions
Deepening of Seaton Channel, seaton Channel Holding Basin and Quays 10 and 11	Able Seaton Port Hold...	Navigational dredging (capital)	
Maintenance dredging of Seaton Channel, Holding Basin and Quays 10 and 11	Able Seaton Port Hold...	Navigational dredging (maintenance)	
The use of Erosion Mats for mitigation purposes	Able Seaton Port Hold...	Maintenance of existing works	

## TERRC Basin, Quays 7, 8 & 9

## 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)

## List of activities at this site

Activity	Site	Activity type	Actions
Lowering of the TERRC Basin to - 8.5mCD	TERRC Basin, Quays 7, ...	Navigational dredging (capital)	

TEES BAY A - Disposal of Silts and soft material to TEES BAY A

## 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)

Disposal of Silts and soft material to TEES BAY A

### **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)

Disposal of silt and soft material from Capital and maintenance dredging

### **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)

Trailer suction hopper dredgers to remove silt and soft deposits and dump in the Tees bay A disposal site.

<b>Activity start date</b>	<b>Activity end date</b>
01-JAN-2017	31-DEC-2026

### **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)

Refer to spreadsheet attached within PROJECT SUMMARY section of the application.

### **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)

None

### **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)

None

### **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)

None

### **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)

## 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 gravity	Amount to be deposited (dry tonnes)	Amount to be deposited (wet tonnes)	Source Site
01-JAN-2017	31-DEC-2026	Silt (31.25-62.5um)	1.3	287930	748613	Able Seaton Port Holding basin and Channel

## 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)

Methodology described above. Volumes within previously attached spreadsheet.

### 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)

See attached

### **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 attached Waste Framework Directive Assessment.

TEES BAY C - Disposal of Clay to TEES BAY C

## 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)

Disposal of Clay to TEES BAY C

### **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)

Disposal of clays from capital dredging.

## 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)

Split hopper barge for disposal at Tees Bay "c"

Activity start date	Activity end date
01-JAN-2017	31-DEC-2026

## 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)

To be undertaken in conjunction with the clients requirements

## 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)

None

## 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)

None

## 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)

None

## 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)

## 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 gravity	Amount to be deposited (dry tonnes)	Amount to be deposited (wet tonnes)	Source Site
01-JAN-2017	31-DEC-2026	Clay (<31.25um)	2.2	958750	1212000	Able Seaton Port Holding basin and Channel
02-JAN-2018	31-DEC-2026	Clay (<31.25um)	2.2	69650	88000	TERRC Basin, Quays 7, 8 & 9
02-JAN-2018	31-DEC-2026	Clay (<31.25um)	2.2	26150	33000	TERRC Basin, Quays 7, 8 & 9

## 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)

See 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)

See document uploaded for Tees Bay "A"

### 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 attached Waste Framework Directive Assessment.

Able Seaton Port Holding basin and Channel - Deepening of Seaton Channel, seaton Channel Holding Basin and Quays 10 and 11

## 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

Dredging

#### Activity subtype

Navigational dredging (capital)

## General



### **Activity title**

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

Deepening of Seaton Channel, seaton Channel Holding Basin and Quays 10 and 11

### **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)

Capital dredging will be undertaken in the locations and to the depths shown on drawing ASC-001-00009 G (Schedule 6)

### **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)

Back Hoe dredger to remove clay into split hopper barges to be disposed at sea. Final levelling to be undertaken by bed levelling vessels. There will be an overdredge allowance of +0.3m.

<b>Activity start date</b>	<b>Activity end date</b>
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01-JAN-2017	31-DEC-2026
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### **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)

When clients require dredging for their vessels/ Rigs etc.

### **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)

None

### **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)

None

### **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)

None

### **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)

Latest Soundings carried out by the Port Authority 2016

## Navigational dredging (capital)

### Material details

<b>Start date</b>	01-JAN-2017	<b>End date</b>	31-DEC-2026
<b>Method of dredging</b>	Mechanical - Backhoe	<b>Material</b>	Clay (<31.25um)
<b>Specific gravity</b>	2.2	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth below chart datum (m)</b>	6	<b>Maximum amount to be dredged (m3)</b>	1200000
<b>Start date</b>	01-JAN-2017	<b>End date</b>	31-DEC-2026
<b>Method of dredging</b>	Hydraulic - Trailer Hopper	<b>Material</b>	Silt (31.25-62.5um)
<b>Specific gravity</b>	1.3	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth below chart datum (m)</b>	6	<b>Maximum amount to be dredged (m3)</b>	150000

### Further details

**Maximum amount to be dredged per campaign (m3)**

300000

### Sample analysis

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. (max. 2000 characters)

See attached (Cefas)

## **Please provide a copy of the analysis file**

### **Destination of material**

You should detail the destination of the material and whether this is going to be taken to land or is proposed to be disposed of to sea. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

Tees Bay A for silts and Tees Bay C for Clays

Able Seaton Port Holding basin and Channel - Maintenance dredging of Seaton Channel, Holding Basin and Quays 10 and 11

## **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**

Dredging

#### **Activity subtype**

Navigational dredging (maintenance)

## **General**

### **Activity title**

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

Maintenance dredging of Seaton Channel, Holding Basin and Quays 10 and 11

### **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)

Annual Maintenance Dredging

### **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)

Trailer suction hopper dredger followed by Plough dredger to level sea bed.

Silt that is at the edge of the quay walls which the trailer suction hopper dredger cannot reach will be removed by a grab on a shore side crane.

An allowance of a +0.3m Overdredge.

<b>Activity start date</b>	<b>Activity end date</b>
01-JAN-2017	31-DEC-2026

### **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)

To be undertaken on an annual basis as or if required

### **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)

None

### **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)

None

### **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)

None

### **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)

## **Navigational dredging (maintenance)**

Please provide background information on dredging activities that have taken place in this area previously. This will help us assess the impact of your proposed activities.

You can also supply information in the additional supporting information box above.

**Number of years dredging that has been carried out**

**Average number of dredging campaigns that have been carried out per year**

1

**Average volume of material that has been dredged per campaign (m3)**

20000

**Average volume of material that has been dredged per year (m3)**

20000

**Number of years that dredging has been carried out in its current form**

1

**Material details**

<b>Start date</b>	01-JAN-2017	<b>End date</b>	31-DEC-2026
<b>Method of dredging</b>	Hydraulic - Trailer Hopper	<b>Material</b>	Silt (31.25-62.5um)
<b>Specific gravity</b>	1.3	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth below chart datum (m)</b>	6	<b>Maximum amount to be dredged (m3)</b>	425860
<b>Date last dredged</b>	01-JAN-2016		
<b>Start date</b>		<b>End date</b>	

01-JAN-2017

31-DEC-2026

<b>Method of dredging</b>	Hydrodynamic - Plough	<b>Material</b>	Silt (31.25-62.5um)
<b>Specific gravity</b>	1.3	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth below chart datum (m)</b>	6	<b>Maximum amount to be dredged (m3)</b>	50000
<b>Date last dredged</b>			

<b>Start date</b>	01-SEP-2022	<b>End date</b>	31-DEC-2026
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<b>Method of dredging</b>	Hydraulic - Trailer Hopper	<b>Material</b>	Silt (31.25-62.5um)
<b>Specific gravity</b>	1.3	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth below chart datum (m)</b>	6	<b>Maximum amount to be dredged (m3)</b>	50000
<b>Date last dredged</b>			

<b>Start date</b>	01-SEP-2022	<b>End date</b>	31-DEC-2026
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<b>Method of dredging</b>	Hydraulic - Trailer Hopper	<b>Material</b>	Clay (<31.25um)
<b>Specific gravity</b>	1.3	<b>Dredge depth below chart datum (m)</b>	9.5
<b>Existing depth</b>	6	<b>Maximum amount to</b>	95000

**below  
chart  
datum (m)  
Date last  
dredged**

**be dredged  
(m3)**

## Further details

**Maximum amount to be  
dredged per campaign  
(m3)**

150000

### Sample analysis

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. (max. 2000 characters)

See in capital dredge uploads Cefas Results

**Please provide a copy of the analysis file**

### Destination of material

You should detail the destination of the material and whether this is going to be taken to land or is proposed to be disposed of to sea. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

Tees Bay "A" for material that is removed by trailer suction hopper. Plough dredge will distributed locally to the source.

**Is a maintenance dredge protocol in place for this area?**

Yes  No

**Have you obtained written agreement from Natural England that the dredging could be considered under the accelerated licensing process?**

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

Yes  No

Able Seaton Port Holding basin and Channel - The use of Erosion Mats for mitigation purposes

## 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**

Construction, alteration or improvement of any works

**Activity subtype**

Maintenance of existing works

**General**

**Activity title**

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

The use of Erosion Mats for mitigation purposes

**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)

Due to the dredging activities in the area, it is considered that in order to protect the powerstation asset adjacent to the site, a erosion mat is used if slipping occurs. The mat will be simply installed on edge of Quay 11 where a slope will incur as a result of dredging activities.

**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)

Material is removed from this area by the dredging activities listed in this application.

The mats are pre-fabricated off site and transported on HGV.

The mats are then simply lifted using a portable crane located on the quay adjacent to the berth and then laid into the berth. They are interlocked together when being placed.

<b>Activity start date</b>	<b>Activity end date</b>
31-DEC-2020	31-DEC-2026



## **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)

No start date is proposed as the structurality of the berth pocket will need to be assessed and if intervention is required to prevent 'slipping'. When mats are to be installed, the MMO will be notified.

The mats will take approx 2 days to install, however, 1 week allowance should be allowed for outside influence such as tide times.

## **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)

No additional impacts will be incurred. It has been acknowledged that as the material in this area is already consented to be completely removed under the license, the use of a mat on this area will cause not adverse impacts.

Mats are proposed as a safety mitigation measure to Powerstation to prevent any potential impacts on the wider scheme.

## **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)

Undertaking in accordance with agree measures. Best working practice applies.

It should be noted that the erosion mats are a mitigation measure in their own form. This mitigation is essential to protect the land stability on this side of the quay, to prevent any on land assets from the effects of erosion.

## **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)

No impacts are considered as a result of the use of erosion mats.

## **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)

# Maintenance of existing works

## **Use intended to be made of the works**

You should detail the use that will be made of the works. For example, if you are proposing to build a quay to use for unloading cargo then you should detail the type of cargo, quantity to be unloaded, frequency of unloading, methodology of unloading and any other relevant information. (max. 2000 characters)

To prevent any negative impact to land on which the power station lies.

TERRC Basin, Quays 7, 8 & 9 - Lowering of the TERRC Basin to -8.5mCD

## 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

Dredging

#### Activity subtype

Navigational dredging (capital)

## General

### Activity title

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

Lowering of the TERRC Basin to -8.5mCD

### 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)

Lowering of existing basin using marine and land based plant.

### 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)

A combination of backhoe dredger and crane mounted grab.

<b>Activity start date</b>	<b>Activity end date</b>
02-JAN-2018	31-DEC-2026

**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)

The works will be undertaken subject to client demand for the enhanced facility

**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)

None

**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)

None

**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)

None

**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)

**Navigational dredging (capital)**

**Material details**

<b>Start date</b>	02-JAN-2018	<b>End date</b>	31-DEC-2026
<b>Method of dredging</b>	Mechanical - Backhoe	<b>Material</b>	Clay (<31.25um)
<b>Specific gravity</b>	2.2	<b>Dredge depth below chart datum (m)</b>	-8.5
<b>Existing depth below chart datum (m)</b>	-6.65	<b>Maximum amount to be dredged (m3)</b>	40000
<b>Start date</b>		<b>End date</b>	

02-JAN-2018

31-DEC-2026

<b>Method of dredging</b>	Mechanical - Grab	<b>Material</b>	Clay (<31.25um)
<b>Specific gravity</b>	2.2	<b>Dredge depth below chart datum (m)</b>	-8.5
<b>Existing depth below chart datum (m)</b>	-6.65	<b>Maximum amount to be dredged (m3)</b>	15000

## Further details

### Maximum amount to be dredged per campaign (m3)

55000

### Sample analysis

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. (max. 2000 characters)

Refer to the attached File

### Please provide a copy of the analysis file

### Destination of material

You should detail the destination of the material and whether this is going to be taken to land or is proposed to be disposed of to sea. If this has already been detailed elsewhere in the application it is sufficient to reference that. (max. 2000 characters)

Tees Bay C

# 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

1000000

## 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