

# MLA/2021/00091

## 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)

Maintenance Dredging at Hadrian Yard Wallsend

## 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)

Smulders Projects UK Limited are a fabrication company specialising in large offshore structures . In recent times focusing on the requirements of the Offshore Wind Energy Market. In order to service the market requirements, going forward, it is necessary that we maintain a minimum depth at our 3 functioning quays of -5m LAT to facilitate the receipt of raw materials by sea and despatch finished product on barges in the same way. The natural action of the tides and the river Tyne means that there is a requirement for dredging to maintain this depth. The company is currently operating under licence no MLA/2017/00128/1 which expires on the 23rd April 2021. This new application is aimed at achieving approval to continue the Maintenance Dredging for a period of 10 years from 23rd April 2021.

## 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)

Since any works are for the purposes of maintenance. They will only be carried out on an "as required basis" with each dredging campaign having its own programme . The Dredging itself will be carried out from Vessels using Suction Dredging, Grab Dredging and Ploughing techniques to achieve the required depths. This service is contracted out to specialist contractors who, may work at any time as dictated by the tide and weather . The nature of the work is unobtrusive to occupants of the surrounding area. In general a single dredge campaign will take in the order of 12 days to complete .

## Related consents and applications

**Have any other 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)

This application for a new licence is to replace the previous licences L/2011/00281/7 , MLA/2013/00273 and MLA/2017/00128/1 and variation L/2017/00191/1 and is required to continue the maintenance of the Quay. Other details remain the same as these approved documents.

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

Yes  No

**Please give details**

(max. 2000 characters)

Sediment Sampling has taken place in support of variation L/2017/00191/1 with the analysis being performed by the CEFAS laboratory in Lowestoft. The report of the analysis is attached .It is our understanding that these samples can also be used to support this new application.

**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

**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)

The Project is within the jurisdiction of the Port of Tyne . Please see attached port of Tyne -Dredging Baseline Document

## 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)**

Smulders Projects UK Limited

**Title**

Mr

**Forename**

Chris

**Surname**

Edwards

**Organisation name**

Smulders Projects UK Ltd

**Reg number**

10156755

**Position in organisation**

Facilities Manager

**Contact within company**

Chris Edwards

**Postcode**

NE28 6HL

**Postal address**

Hadrian Way,  
Hadrian Road,  
Wallsend,  
Tyne and Wear  
NE28 6HL

**Telephone number**

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

01912958705

**Fax number**

Please enter in format +00(0)0000 000000

## Email address

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

Chris.edwards@smulders.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

**This project must be assessed in accordance with the appropriate marine policy documents.**

You can explore the English marine plans using this service (<https://www.gov.uk/guidance/explore-marine-plans>) to find information on plan policies, marine licenses, and environmental designations.

Please note: While the status of a marine plan is 'draft' the MPS remains the primary policy document. Where draft plans exist they are material considerations and marine licence applications will need to refer to the draft marine plan as well as the MPS.

The MMO is also responsible for marine licensing in other parts of the world in certain circumstances. Where this is the case you will need to demonstrate how your activity is in accordance with the Marine Policy Statement. You can find information on the Marine Policy Statement here (<https://www.gov.uk/government/publications/uk-marine-policy-statement>).

**Please indicate which marine plan(s) and/or Marine Policy Statement you consider relevant to your project?**

- South Inshore and Offshore Marine Plans
- East Inshore and Offshore Marine Plans
- North East Inshore and Offshore Marine Plans
- North West Inshore and Offshore Marine Plans
- South West Inshore and Offshore Marine Plans
- South East Inshore Marine Plans
- Marine Policy Statement (Somewhere else in the world)

**Please detail how you considered that this project is in accordance with the relevant marine plan(s) and/or Marine Policy Statement**

(max. 2000 characters)

Only the minimum of material will be dredged and removed to the authorised disposal areas which on previous licences has been North Tyne (TY070) and Souter Point Outer (TY081). The requirement for dredging operations normally occurs every 2 to 3 years as the result of bathymetric survey advising of the quay depths and the requirement for maintenance. There are no conflicts with the proposed maintenance dredging activity with the North East Inshore and Offshore Marine Plans and Marine Statement Policies as they appear at the time of this application.

**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)

There are no conflicts with the proposed maintenance dredging activity and policy statements or spacial plans as they appear at the time of this application.

## 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)

Please refer to Port of Tyne Dredging Baseline Document attached elsewhere in this application.

## Habitats regulations assessment

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

Yes       No

### **Please give details**

(max. 2000 characters)

Please see Port of Tyne -Dredging Base Line Document attached elsewhere in this application.

## Marine conservation zone assessment

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

Yes       No

### **Please give details**

(max. 2000 characters)

Please see Port of Tyne -Dredging Base Line Document attached elsewhere in this application.

## 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 Port of Tyne -Dredging Base Line Document attached elsewhere in this application.

## 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)

No suitable sites have been identified on the Tyne for infill purposes and generally the silts are considered unsuitable for this purpose. The Port and stakeholders have undertaken a phase 2 survey of a major sediment study looking at the source of sediment and contamination on the River Tyne. The second phase is looking primarily at management options aimed at reducing the amount of contaminants in sediment and potentially the sediment load by various physical means. In the meantime the only viable option to deal with dredged material is sea disposal. Every opportunity has been taken in the past to reuse competent material within the port. Smulders have been unable to identify any suitable options for alternative means of disposal of sediment. The lack of viable alternatives and the high cost of land disposal and well as its limited availability make sea disposal the most suitable option.

## Consultation and advertising

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

- Yes       No

**Please give details**

(max. 2000 characters)

Notices will be placed in 2 local Newspapers for 2 consecutive weeks and a copy and supporting documents will also be placed in Wallsend Library for inspection and the notice is as per the Marine and Coastal Access Act 2009. As soon As I have a case Number

**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 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**

23-APR-2021

**Proposed licence end date**

22-APR-2031

## 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.

### OGN Hadrian Yard - Area 32, Tyne River

#### 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 refer to Port of Tyne Dredging Baseline Document attached elsewhere in this application.

Please note OGN are no longer a live company and the site is operated by Smulders Projects UK Ltd (company No. 10156755)

#### List of activities at this site

Activity	Site	Activity type	Actions
Collection Point for Dredged Material	OGN Hadrian Yard - Are...	Navigational dredging (maintenance)	

## NORTH TYNE

#### 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 refer to Port of Tyne Dredging Baseline Document attached elsewhere in this application.

#### List of activities at this site

Activity	Site	Activity type	Actions
Dredge waste Disposal At North Tyne Location	NORTH TYNE	Disposal of dredged material	

OGN Hadrian Yard - Area 32, Tyne River - Collection Point for Dredged Material

## 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)

Collection Point for Dredged Material

#### 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)

A typical Maintenance Dredge Campaign will comprise 1-2 days work for a Suction Dredger, 6-8 Days work for a Grab Dredger and 2-4 days for a plough.

## 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)

The Start of a Dredging Programme will be to provide a Scan of the operational quays , this is normally carried out by the Port of Tyne Hydrographers Vessel.

Taking the information from the Survey the Dredging plan will be developed that will give the estimated duration and cost. The First Dredging operation is the Suction Dredger to remove the bulk of the material follower by the Grab Dredger to remove the material close to the quay and then the plough to remove any irregularities remaining from the other dredging processes.

Another survey takes place at the end of the Dredging operation to give the finished bathymetry on the quay area.

Any work of this nature will only be contracted to companies with experience and credentials to perform the work.

<b>Activity start date</b>	<b>Activity end date</b>
23-APR-2021	22-APR-2031

## 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)

There is likely to be a requirement for a 10-12 day dredging campagne during 2021. Though for maintenance dredging these dates can only be confirmed when there is a project requirement.

## 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)

Please refer to Port of Tyne Dredging Baseline Document attached elsewhere in 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)

Please refer to Port of Tyne Dredging Baseline Document attached elsewhere in 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)

Please refer to Port of Tyne Dredging Baseline Document attached elsewhere in 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)

## 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

2

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

1

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

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

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

## Material details

<b>Start date</b>	23-APR-2021	<b>End date</b>	22-APR-2022
<b>Method of dredging</b>	Hydraulic - Trailer Hopper	<b>Material</b>	Silt (31.25-62.5um)
<b>Specific gravity</b>	1.4	<b>Dredge depth below chart datum (m)</b>	5
<b>Existing depth below chart datum (m)</b>	4	<b>Maximum amount to be dredged (m3)</b>	5000
<b>Date last dredged</b>	05-DEC-2019		

## Further details

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

5000

**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)

The Sample Analysis is Attached

**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)

Disposal at Sea- North Tyne TY070

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

Yes  No

**Please give details and upload a copy if possible**

(max. 2000 characters)

Please refer to the Port of Tyne Dredging Baseline Document attached earlier in this application

**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

NORTH TYNE - Dredge waste Disposal At North Tyne Location

**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)

Dredge waste Disposal At North Tyne Location

**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 Dredged Waste. Both Suction Dredger and Grab Dredger discharge via bottom doors in the hopper.

**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)

In the past the UKD Marlin and Cherry Sand have ben used in Dredging Campaigns . Future campaigns will be these vessels or similar. Attached Data Sheets

<b>Activity start date</b>	<b>Activity end date</b>
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23-APR-2021	22-APR-2022
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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)

Maintenance Dredging is required every 2-3 years this application for a licence is to allow Smulders Projects UK to perform dredging as the needs of its projects require . At this time we do not have a specific scheduled requirement though it is likely to be needed during 2021.

**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)

Please refer to the Port of Tyne Dredging Baseline Document attached earlier in 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)

Maintenance Dredging will only be done on an as required basis with the minimum amount of material being removed to maintain the required working depths . Please also refer to the Port of Tyne Dredging Baseline Document attached earlier in 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)

Please refer to the Port of Tyne Dredging Baseline Document attached earlier in 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)

## 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
23-APR-2021	22-APR-2022	Silt (31.25-62.5um)	1.4	21818	24000	OGN Hadrian Yard - Area 32,



## 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)

The maximum dredge material is to be the same as the Existing Licence per year . However it is unlikely that dredging will take place every year as maintenance dredging this will only take place when the need arises every 2 to 3 years though the maximum material currently allowed per annum should remain.

### 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)

CEFAS analysis 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 refer to the Port of Tyne Dredging Baseline Document attached earlier in this application

# 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

120000.00

## 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