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<table>
<thead>
<tr>
<th>Prepared by</th>
<th>[Redacted]</th>
<th>Arup</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reviewed by</td>
<td>[Redacted]</td>
<td>Dragados</td>
</tr>
<tr>
<td>Reviewed by</td>
<td>[Redacted]</td>
<td>Aberdeen Harbour Board</td>
</tr>
</tbody>
</table>
Aberdeen Harbour Expansion Project
Marine Scotland Act Part 4 Marine Licensing
Licence Number: 05964/16/0 Reference No: 05964

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Aberdeen Harbour Expansion Project
Marine Scotland Act Part 4 Marine Licensing
Licence Number: 05964/16/0 Reference No: 05964

1. Introduction
Dragados UK Limited (DUK), on behalf of Aberdeen Harbour Board (AHB) are progressing the design and construction works associated with the Aberdeen Harbour Expansion Project (AHEP). As part of the continual work refining the design, variations are proposed to the timing of the dredging activities alongside minor variations to the dredge areas and dredge depths at AHEP. This document describes the proposed variations and explains why they are considered non-material.

The current Marine Licence for dredging and disposal activities (Licence Number 05964/16/0, Ref. No: 05964) was granted by Scottish Ministers on 4th November 2016. The information within the Marine Licence was based upon the reference design assessed in the Environmental Statement (ES) and Additional Environmental Information Report (AEIR) for the AHEP and includes authorisation to ‘...carry out dredging within the Scottish marine area and to deposit dredge spoil ...as described in Part 2 of the attached Schedule’. AHB awarded the construction contract for the AHEP to DUK in December 2016, with construction starting in May 2017.

2. Material or Non-Material Change
There is limited guidance available on what should be considered a material or non-material change in the Scottish marine consenting process; however, there is some guidance from other UK consenting authorities which is useful to consider. The Department for Communities and Local Government (DCLG) have produced Guidance on Changes to Development Consent Orders under the Planning Act 2008\(^1\). To decide whether a change is material or non-material, DCLG advise that the following should be considered:

**Environmental statement**
- 12. A change should be treated as material if it would require an updated Environmental Statement (from that at the time the original Development Consent Order was made) to take account of new, or materially different, likely significant effects on the environment.
- 13. There may be cases where the change proposed to a Development Consent Order will result in likely significant effects on the environment that are entirely positive. In these cases, an updated Environmental Statement will still be required and the application will need to be treated as a material change in order to ensure that the regulatory requirements on Environmental Impact Assessment are met. However, depending on the circumstances, such material changes may be ones where no examination needs to be held (see paragraphs 55-63 [of the DCLG guidance]).

**Habitats and protected species**
- 14. A change to a Development Consent Order is likely to be material if it would invoke a need for a Habitats Regulations Assessment. Similarly, the need for a new or additional licence in respect of European Protected Species is also likely to be indicative of a material change. Applicants should consider discussing the need for a Habitats Regulations Assessment or a protected species

---

Compulsory acquisition

15. A change should be treated as material that would authorise the compulsory acquisition of any land, or an interest in or rights over land, that was not authorised through the existing Development Consent Order. This is because consideration of the need for compulsory acquisition must include a right for the person whose land or rights are being acquired to express their views at a hearing, and this is not provided for under the 2011 Regulations governing non-material changes (where there is no examination).

Impact on business and residents

16. The potential impact of the proposed changes on local people will also be a consideration in determining whether a change is material. In some cases, these impacts may already have been identified, directly or indirectly, in terms of likely significant effects on the environment. But there may be other situations where this is not the case and where the impact of the change on local people and businesses will be sufficient to indicate that the change should be considered as material. Additional impacts that may be relevant to whether a particular change is material will be dependent on the circumstances of a particular case, but examples might include those relating to visual amenity from changes to the size or height of buildings; impacts on the natural or historic environment; and impacts arising from additional traffic.

Each of these potential impacts is considered below in the context of the variations proposed at AHEP, apart from Compulsory Acquisition which is not applicable.

3. Proposed Variation to Existing Dredge and Dredge Disposal Marine Licence

3.1 Timing

The current Marine Licence for dredging and disposal is valid from 6th February 2017 until 5th September 2018. This provides for 19 months of dredging and disposal. During the period between February 2017 and December 2017, dredging and disposal has taken place over a 12-day period from 5th September to 16th September 2017.

DUK propose to vary the duration of the dredging and disposal Marine Licence to run from 4th September 2017 to 4th October 2019. This will encompass:

- Dredging and disposal activity that has already taken place (2 weeks from 5th September 2017 to 16th September 2017);
- Dredging and disposal in the 2018 season (8 months from late March 2018 to late October November 2018); and
- Final dredging and disposal in the 2019 season (likely to be a limited duration dredge which will take place between the months of March to September 2019 for a maximum of 8 months).

Therefore, excluding the small-scale 2-week dredging campaign in September 2017, the overall dredging and disposal period proposed (March 2018 to September 2019) does not exceed the 19 months as stated on the existing Marine Licence, and during that 19 months there will be a period of approximately 5 months over the winter of 2018-2019 when no dredging and disposal will take place.
Does the proposed variation of the dredge timing change the conclusion of the AHEP Environmental Statement?

Whilst there is a change in the start and end date of the planned dredging activity, the overall duration of the activity has not changed and will be 19 months or less, as per the existing dredging Marine Licence (2 weeks of dredging in 2017, 8 months in 2018 and up to 8 months in 2019).

We have reviewed the conclusions of the AHEP ES (as summarised in Chapter 25) and the AEIR to assess if any of the assessments are likely to change as a result of the dredging or disposal taking place up to October 2019. The parameters considered in the ES and AEIR for dredging and disposal are as follows:

- **ES Chapter 3 Section 3.6, and Chapter 7 Table 7.9:**
  - Dredging anticipated to take place over 19 months, seven days a week, as a 24-hour operation
  - Dredged material to be disposed of at sea at an existing licensed disposal site (CR110)

- **AEIR**
  - Total volume of material to be dredged: 2,850,000 m³, of which 250,000 m³ estimated to be rock
  - Total volume of material to be disposed at site CR110: 2,190,000 m³ (the remainder of the dredged material will be reused)

These parameters remain valid for dredging and disposal up to October 2019. **Whilst dredging will occur over 3 years rather than 2, the short duration dredge in September 2017 is not considered to alter the predicted impacts on marine receptors and should be considered in context of the other marine construction activities that were occurring in September 2017, particularly namely rock and accropode placement on the North Breakwater construction.**

The sediment plume modelling carried out for the ES (Appendix 7D) modelled a mean spring-neap tidal cycle to represent average hydrodynamic conditions. The assessments presented in the ES relating to suspended sediment concentrations and seabed deposition considered a 19-month period of continuous dredging and disposal, not a particular timeframe when it would occur.

Similarly, the underwater noise modelling carried out for the ES (Appendix 13-B), and the corresponding assessments relating to underwater noise in the ES, considered a 19-month period of continuous dredging and disposal, not a particular timeframe when it would occur.

**Habitats and protected species** - Does the proposed variation of the dredge timing change the conclusion of the Appropriate Assessment?

Marine Scotland undertook an Appropriate Assessment (AA) prior to issuing the Marine Licence(s) for the AHEP project. Whilst dredging and disposal operations are considered, the AA focusses mostly on the proposed marine blasting and marine impact pile driving (the latter has now been removed from the construction methodology). The timing of blasting and marine impact piling are considered in the Population Viability Analysis (PVA) for marine mammals but elsewhere in the AA, for instance, when considering potential impacts upon birds or salmon, timing of dredging and disposal operations is not considered and DUK therefore understand that altering the end date for the dredging activity would not impact upon the conclusions of the AA. **In relation to** One of the main receptors of concern are Eider Ducks, and it should be noted that from September onwards, Eider Duck numbers in Nigg Bay reduce throughout the Autumn months until May the following year.
when the males arrive from breeding areas. Therefore, the 2017 dredging which took place during any change to dredging activity in the autumn months is unlikely to have impacted upon Eider duck or alter the AA conclusions.

Does the proposed variation of the dredge timing change the conclusion of the ES in terms of impact on business and residents?

Within Chapter 20 of the ES, the impacts from plant noise including dredging have been assessed as Major Adverse for certain sensitive receptors. DUK do not believe that changing the end date for the dredging operations to October 2019 will change this conclusion. In 2017 there has been limited disturbance for local businesses and residents in terms of marine activities, and DUK have received very few comments from the public about other disturbance. There has been noise monitoring undertaken at sensitive receptors such as the Girdleness Lighthouse Community, and noise thresholds have been maintained to the satisfaction of Aberdeen City Council.

Construction of the AHEP (marine and land-based activities) commenced in May 2017 and will continue until May 2020. Both the existing and revised timescales for dredging and disposal fall within this period of construction activities, so the proposal to undertake dredging and disposal to October 2019 does not alter the overall duration of the construction phase.

3.2 Dredge area and depth

DUK has adapted the ES design to remove the need for any marine impact piling through the use of caissons and an open quay constructed using rotary piling. When installing caissons there is a requirement to dredge to a deeper depth than originally proposed, as a firm, level base must be created for the caissons to sit on. This means the area below the caissons must be dredged and then refilled with graded rock thus creating a firm bottom for the caissons to be placed upon.

For ease of reference, an overview of the AHEP dredge layout is provided in Figure 1: Overall Dredge Layout and dredge volumes summarised in Table 1: Dredge Area and Volumes.

<table>
<thead>
<tr>
<th>Dredge Area</th>
<th>Existing License Depth m</th>
<th>Variation License Depth m</th>
<th>Area m²</th>
<th>Approximate Dredge Volume m³</th>
<th>Approximate Dredge Volume Wet Tonnes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harbour Basin</td>
<td>-9</td>
<td>-9</td>
<td>287348</td>
<td>2341100</td>
<td>5,027,205</td>
</tr>
<tr>
<td>North Quay</td>
<td>n/a</td>
<td>-9.85</td>
<td>12033</td>
<td>39600</td>
<td>85,035</td>
</tr>
<tr>
<td>East Quay</td>
<td>-10.5</td>
<td>-12.95</td>
<td>53205</td>
<td>258700</td>
<td>555,525</td>
</tr>
<tr>
<td>Entrance Channel</td>
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<td>-10.5</td>
<td>93425</td>
<td>95900</td>
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</tr>
<tr>
<td>South East Pier</td>
<td>New Area</td>
<td>-11.45</td>
<td>15945</td>
<td>102500</td>
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</tr>
<tr>
<td>SBW Roundhead</td>
<td>-14</td>
<td>-15.24</td>
<td>9602</td>
<td>12200</td>
<td>26,198</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>471558</td>
<td>2,850,000</td>
<td>6,120,000*</td>
</tr>
</tbody>
</table>

* Total Includes up to 660,000m³ dredged material to be reused in the construction of AHEP so maximum disposal at CR110 will not exceed 4,702,737 wet tonnes / 2,190,000m³.
The following variations are proposed to the dredge depths and areas:

**North Breakwater - Removed**

**Existing Licence**
- Dredging of North Breakwater location to achieve seabed depth of approximately 15.0 metres below Chart Datum (CD).

**Proposed Variation**
- This area will be removed as it is either no longer required or covered by other areas.

**South Breakwater – No change proposed to Licence** (although actual dredge area is now slightly smaller)
- Dredging of South Breakwater location to achieve a seabed depth of approximately 14.0 metres below CD

**Harbour Basin** (See Figure 2: Harbour Basin & Figure 3: North Quay)

**Existing Licence**
- Dredging of Harbour Basin location to achieve a seabed depth of approximately 9.0 metres below Chart Datum (CD).

**Proposed Variation**
- There is a minor variation proposed to the Harbour Basin with an extension to the north of the site under the area where caissons will be installed. (North Quay See Figure 3: North Quay)
- The area under the East quay and South East Pier is removed from the Harbour Basin dredge and dealt with separately (see below).

**East Quay & Entrance Channel** (See Figure 4: East Quay and Figure 5: Entrance Channel)

**Existing Licence**
- Dredging of East Quay and Entrance Channel locations to achieve seabed depth of approximately 10.5 metres below CD.

**Proposed Variation**
- The East Quay area is extended to incorporate the footprint of the caissons and dredge depth changed to 12.95m
- The Entrance Channel has a minor variation to take into account a small area at the edge of the proposed channel that was previously omitted from the licence.

**South East Pier – New Area** (see Figure 6: South East Pier)

**Proposed Variation**
- Dredging of South East Pier to achieve a seabed depth of approximately 11.45 metres below CD

**South Breakwater** (See Figure 7: South Breakwater Roundhead)

**Existing Licence**
- Dredging of South Breakwater location to achieve seabed depth of approximately 14.0 metres below CD.

**Proposed Variation**
- Dredging of South Breakwater Roundhead location to achieve a seabed depth of approximately 14.8 metres below CD.
• *Localised dredging to approximately 15.3 metres below CD.*
Aberdeen Harbour Expansion Project
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Figure 1: Overall Dredge Layout – Comparison of New vs Old
Aberdeen Harbour Expansion Project
Marine Scotland Act Part 4 Marine Licensing
Licence Number: 05964/16/0 Reference No: 05964

Figure 2: Harbour Basin
Aberdeen Harbour Expansion Project

Marine Scotland Act Part 4 Marine Licensing

Licence Number: 05964/16/0 Reference No: 05964

Figure 3: North Quay
Figure 4: East Quay
Aberdeen Harbour Expansion Project

Marine Scotland Act Part 4 Marine Licensing

Licence Number: 05964/16/0 Reference No: 05964

Figure 5: Entrance Channel
Figure 6: South East Pier
Figure 7: South Breakwater Roundhead
Does the proposed variation of the dredge depth/area change the conclusion of the AHEP Environmental Statement?
The proposed variations to the dredge depths and areas does not increase the overall volume of material to dredged from Nigg Bay and disposed at the licensed site CR110 as described within the ES and AEIR.

As DUK will be dredging to a deeper depth at the East Quay and South East Pier, Arup have conducted a review of the physical and chemical quality of the dredged material to ensure it is suitable for disposal at sea at site CR110. The detailed analysis is provided in Appendix A and a summary of the results is provided below.

As reported in Section 2.2 of the AEIR, AHB carried out two pre-disposal core sampling surveys:

- 14 core samples in December 2015
- 34 core samples in February – March 2016

As described in Section 2.2.1 of the AEIR, the weight of evidence suggests that the results from the 2015 survey are not reliable and were affected by either poor sampling technique or poor procedural analysis technique at the laboratory. As such, the analysis presented in the AEIR, and in this report, is based on the 2016 core sampling survey.

The review of the available ground investigation information has confirmed that the sediment in the additional dredge areas is glacial till deposits, similar in nature to the material previously sampled and tested. As such, the chemical concentrations are expected to be similar.

The previous marine sediment contamination assessment undertaken by AHB (which was accepted by Marine Scotland Science) concluded that due to the localised extent of materials which contained contaminants above respective Effects Range Medium (ERM)/Effects Range Low (ERL) guidelines, and the significant dilution that will occur during dredging and disposal, there will be limited risk of adverse marine biological impacts (e.g. benthic communities) associated with material being dredged.

The assessments presented in the ES and AEIR only considered the sediment quality data down to the dredge levels proposed at that time. There were, however, some limited samples collected from greater depths and these results have been reviewed to assess the risks to benthic communities and the marine environment, as presented in Appendix A. In summary, the majority of testing of material between -9m and -14m CD recorded levels of contaminants typically below Marine Scotland Revised Action Level 1 and no contaminants elevated above Action Level 2. Some very slight exceedences above Action Level 1 were identified; however, the data suggest that overall the levels of contaminants within the glacial soils at depth are typically lower than those in the shallower horizons. As such, there is no evidence to suggest that levels would increase below the depths tested, and therefore no reason to deviate from the previous environmental assessments performed by AHB, which highlight that contaminants above Action Levels or ERM/ERL guidelines within the material to be dredged and disposed are isolated and relatively localised within the vertical and horizontal planes. Furthermore, the mixing and substantial dilution of any isolated contaminants during all stages of the dredging and disposal process (including deeper materials) would not lead to any increased risks to biological communities or the marine environment in relation to contamination.
During the September 2017, two-week duration, dredging campaign, Dragados/Van Oord also undertook sediment analysis on material collected from within the dredge hopper material itself, as well as at the dredge disposal site and 2 direct surface sediment grab samples from the East Quay area. Arup have reviewed the results of the sediment analysis and these are presented in Appendix B of this report and summarised below.

Samples were taken and stored from each dredge hopper with 100 samples taken in total. Four of the samples to represent dredging across the start, middle and end of the campaign, were sent for detailed sediment analysis. One sample recording Pyrene (PAH) very slightly above the AL1 threshold with no other levels of metal, TBT, PCB’s or Total Hydrocarbons above MS AL1 levels.

The four samples of the disposal site tested did not identify any metals, TBT, PCB’s or Total Hydrocarbons above the AL1 threshold. Three of the four samples tested recorded elevated concentrations of individual PAH’s. None of the individual PAH’s tested were recorded as being close to or elevated above the ERM criteria. The test results indicate that the majority of PAH’s are below the ERL values (with some isolated elevations) where adverse biological impacts are rarely observed.

The East Quay samples recorded no elevated metals, TBT or PCB’s above the Marine Scotland AL1 thresholds. Individual PAH’s and Total Hydrocarbons were recorded as being elevated above AL1 in one sample. None of the individual PAH’s tested were recorded as being close to or elevated above the ERM criteria. The test results indicate that the majority of PAH’s are below the ERL values (with some isolated elevations) where adverse biological impacts are rarely observed. It is considered that the dredging process (as has been evidenced in dredging testing undertaken to date) would result in mixing/dilution of the material above the ERL encountered in this locality, and would therefore not pose a significant risk to the marine environment.

It is considered that the review of the 2017 sediment analysis data indicates shows that the potential impacts of the sediment dredged and disposed of is in line with the conclusions of the ES, AEIR AHB Environmental Statement and other subsequent documents.

Based on the analysis presented above, there is no evidence to suggest that the proposed variation of the dredge depth and areas changes the conclusions of the ES or AEIR in relation to sediment quality.

Please note, as per the AHB Additional Environmental Information Report (April 2016), the 2015 sediment survey results have not been used in this report as there is a ‘… strong weight of evidence … that the results from the 2015 survey are not reliable and should be discarded…’

Habitats and protected species - Does the proposed variation of the dredge depth/area change the conclusion of the Appropriate Assessment?

Marine Scotland undertook an AA prior to issuing the Marine Licence(s) for the AHEP project. Whilst dredging operations are considered, the AA focusses mostly on the proposed marine blasting and marine impact pile driving (the latter has now been removed from the construction methodology). DUK do not believe that minor variations to the dredge depth and areas will impact upon the conclusions of the AA. As described above the total volume to be dredged and disposed is unchanged.

In relation to contaminants, as described above there is no evidence to suggest that sediment contamination levels would increase below the depths tested, and therefore no reason to deviate from the previous environmental assessments performed by AHB. The conclusions in the AA relating to sediment chemical quality are, therefore, unchanged.
In relation to suspended sediment concentrations (SSC), within the AA potential impacts on fish, birds and marine mammals associated with protected sites are considered, and conclusions drawn that the predicted increases in SSC are unlikely to result in any significant effects. For marine mammals, it is noted that the small risk from disposal activities will be managed by a Marine Mammal Observer keeping watch for marine mammals prior to discharge taking place. These conclusions will not be changed by varying the dredge depth and area.

**Does the proposed variation of the dredge depth/area alter the conclusion of the ES in terms of impact on business and residents?**

Amending the dredge depth and areas will not impact upon the conclusions of the ES in relation to impacts on business and local residents. As described above, the overall volume and duration of dredging and disposal is not changed by the proposed variations to the dredge depth and areas.

4. **Conclusion**

Having considered the proposed variations to the Marine Licence for dredging and disposal in the context of the assessments presented in the ES and AEIR, using best available UK guidance, it is concluded that the variations do not affect:

- The conclusions of the ES or AEIR;
- The conclusions of the AA; or
- The conclusion of the ES in terms of impact on business and residents.
Good afternoon

Please find further notification for the upcoming dredging, drilling & blasting and stone placement works at Aberdeen Harbour Expansion Project (AHEP). The works are anticipated to commence on 18/6/18

Boulder (Drilling/Dredging pontoon)
Call Sign: OJ8883
MMSI: 230028680
Supervisor: [Redacted]

Hector (Drilling/Dredging pontoon)
Call Sign: OJ8882
MMSI: 230028670
Supervisor: [Redacted]

Delfi (Tugboat)
Call Sign: OJQQ
IMO: 7800502
MMSI: 230942970
Captains: [Redacted]

Leonardo (Tugboat)
Call Sign: OJQI
IMO: 85.21464
MMSI: 230644000
Captains: [Redacted]

Boann (Self propelled splitbarge)
Call Sign: OJRT
IMO: 9808792
MMSI: 230085170

Levelling pontoon: Kampala 2
Split Hopper Barge: Miika 2

Thanks
[Redacted]
Good afternoon

Please find further notification of the Contractor and vessels used for the upcoming dredging, drilling & blasting and stone placement works at Aberdeen Harbour Expansion Project (AHEP). The works are anticipated to commence on 17/6/18 though the equipment will be on site prior to this date for mobilisation purposes.

**Contractor**
Wasa Dredging Ltd
Raastuvankatu 21 B,
FI-N 65100 Vaasa,
Finland

**Vessels**
Back Hoe Dredger: Hector
Back Hoe Dredger: Boulder

Levelling pontoon: Kampela 2

Split Hopper Barge: Alex / Celle (one of)
Split Hopper Barge: Miika 2 / Dana 2 (one off)

Marine support is provided by the following tugs

Delfi
Leonardo

**Regards,**

[Redacted]
Good afternoon,

I wonder if you can clarify something for me.

As part of our 2018 dredging campaign we have a requirement to supply Marine Scotland a set of our sediment samples we collect.

I was wondering if you could confirm the quantity of sediment supply you require?

Kind regards,

[Redacted]
Hi [Redacted]

Thank you for your email.

I have sought advice from one of my colleagues who has provided the following:

‘In order to undertake the basic chemical analysis 500g of wet sediment should be sufficient to determine metals, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, tributyl tin, particle size and total organic carbon. However, this amount will increase if whole sediment bioassay or radionuclides are required.’

I hope this answers your query but feel free to contact me should you have any further questions.

Kind regards,

[Redacted]

Marine Scotland - Marine Planning & Policy
The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE I ONLY WORK MORNINGS.

Direct Line: [Redacted]
General Queries: [Redacted]
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland

From: [Redacted]
Sent: 19 April 2018 15:09
To: MS Major Projects
Subject: Sampling quantities

Good afternoon,

I wonder if you can clarify something for me.

As part of our 2018 dredging campaign we have a requirement to supply Marine Scotland a set of our sediment samples we collect.

I was wondering if you could confirm the quantity of sediment supply you require?

Kind regards,
From: [Redacted]
Sent: 12 April 2018 14:40
To: [Redacted]
Cc: [Redacted]


Dear [Redacted],

I’ve tried to catch you on the phone a couple of times about the Dredging Licence variation and EPS licence application. Would you mind giving me a call for an update please? Mobile is the best number to reach me on.

Many thanks.

[Redacted]

From: [Redacted]
Sent: 29 March 2018 18:23
To: ms.majorprojects@gov.scot
Cc: [Redacted]


Dear [Redacted],

Please find below responses to your comments and attached a revised version of the ‘Response to Queries from Marine Scotland Email to [Redacted]from [Redacted] Dated March 19th, 2018’ document taking into account your queries (tracked changes and clean version).

We trust this closes off your queries and that you are now willing to consult SNH on the EPS licence application? Please confirm when this has commenced and the SNH timescale for responding – as mentioned previously we intend to offer to meet SNH to discuss the application.

Regards,

[Redacted]

Aberdeen Harbour Board
16 Regent Quay
Aberdeen, AB11 5SS
Tel: [Redacted]
Mob: [Redacted]

www.aberdeen-harbour.co.uk
Dear [Redacted]

Thank you for your email of 28 March 2018.

We have reviewed the ‘Response to Queries from Marine Scotland Email to [Redacted] Dated March 19th, 2018’ document of 28 March 2018 and have the following comments to make;

In section 1, you mention that ‘the volume of rock to be removed within the Dredging Marine Licence Consent Application Form (Updated Marine Licence application: Dredging and Disposal May 2016) was anticipated to be 250,000m$^3$. Marine Scotland Licensing Operations Team’s (MS-LOT’s) decision to licence the works took into consideration this volume and as such, we require that you please confirm that the overall rock removal through blasting operations will not exceed this amount as a result of the increased blasting area.

- Document updated to state that the volume of rock to be dredged will not exceed 250,000 m$^3$.

In the last paragraph you also mention that “Within the HRA, one of the assumptions within the assessment is that ‘Any disturbance within a year is equivalent to 1 year of disturbance’. In this context amending the area of the rock to be removed does not change the HRA assumptions.”; Please note that as previously discussed, this AA abstract does not imply that blasting can be undertaken for a full year and that the restriction to a maximum of seven consecutive months of blasting is still applicable. We ask that you please update section 1 of the document to reflect this.

- Document updated with statement that ‘…blasting works are undertaken for a maximum period of 7 consecutive months, with no more than 2 blasts per day’

In section 2, you confirm that the haul road was not included in the Environmental Statement, Additional Environmental Information Report or Chapter 3 (Construction Method Statement) of the approved Construction Environmental Management Document (CEMD), but it was included in Chapter 16 (SSSI Management Plan). Please note that the part of the haul-road below Mean High Water Springs (MHWS) has not been licensed under licence number 05965/16/0 and as such, its approval is required.

Throughout the application and determination stage of the AHEP, we understood that there would be some degree of minor changes to the planned works; We therefore, expect we can assess the inclusion of a haul road at the time of the updated CEMD submission, as long as all the relevant detail is incorporated into the updated CEMD, under Chapter 3 and sufficient time is provided. This will mean that the construction of the haul road below MHWS, cannot commence before the updated CEMD has been approved by MS-LOT.

- Details of the haul road will be included in Chapter 3 of the updated CEMD. No change to the attached document.

In section 3, you mention that ‘once blasting has commenced and underwater noise monitoring data is available on the sound levels generated by blasting behind a bubble curtain, AHB/ Dragados may seek to amend the charge size through a revision of the CEMD and EPS in consultation with MS-LOT and EAG members’. We can confirm that, since the data is currently unavailable you will be required to undertake the blasting works according to the parameters and restrictions already agreed.
Noted

It is then stated that ‘we assume this will not require a change to the Construction Marine Licence as the charge size is not specified as a licence condition’. Please note that under condition 3.2.5 of licence number 05965/16/0, ‘the MMPP must set out measures to prevent injury and disturbance to marine mammals and must include, but shall not be limited to the following: ... g) measures to ensure that the minimum amount of blasting is undertaken using the smallest practicable charges’. The granting of the licence was based on a predicted 20kg charge and as such, the part of the condition referring to the ‘smallest practicable charge’ corresponds to the agreed 20kg. Therefore, any potential proposal to increase the charge size above 20kg, will require MS-LOT’s assessment and approval, which may in turn, lead to a requirement for changes to the construction licence.

Noted. We have committed to 20kg charge sizes in the EPS licence application and the attached report states that this will not be amended without further consultation with MS-LOT. No change to the report.

Finally, we note that the timescales proposed for the submission of certain plans are ambitious e.g. Exploration of soft start pre-blast procedure and operation of PAM system; MS-LOT require sufficient time to consult on the relevant aspects and timeframes such as ‘prior to blasting’ or ‘at least 2 weeks prior to blasting commencing’ are ambiguous and do not, realistically reflect the timescales associated with the decision-making process. We are aware AHB/Dragados are working to tight timescales, however the amended CEMD and any outstanding plans must be submitted to MS-LOT with sufficient time factored in.

Noted and Dragados will issue these documents as early as possible to give MSLOT and consultees maximum time to review. Minor changes made to the report.

As such, can you please confirm as to when we are expected to receive the updated CEMD for our review?

A dredging contractor has been appointed (Van Oord, who carried out the 2017 dredging) but Dragados are still in contract negotiations with blasting contractors. Until a blasting contractor has been appointed, the final updates cannot be made to the Marine Mammal, Dredging and Construction Method Statement chapters of the CEMD. All other CEMD chapters have been reviewed and minor updates have been made to most chapters, but as these are not substantial we consider it would be the best use of everyone’s time if we hold off consulting on the revised CEMD until any necessary changes to the plans due to the blasting methodology are clear (i.e. full details of the methodology, mitigation etc), rather than consult now and then issue another update a few weeks later once the blasting contractor is appointed. We plan to present the minor changes to the other chapters at the Regulator meeting on 17th April 2018, and the EAG on 24th April 2018, and give regulators and other consultees the option on whether we issue and consult on the CEMD now to formalise the minor changes, or hold off.

Please update the ‘Response to Queries from Marine Scotland Email to [Redacted] from [Redacted] Dated March 19th, 2018’ document to reflect our comments, so that it can be included as part of our consultation with SNH for the EPS licence application.

Updated document attached – We have included a tracked changes and a clean version of the document.

Should you have any queries, please do not hesitate to contact me.

Kind regards,

[Redacted]  
[Redacted]  
Marine Scotland - Marine Planning & Policy
Hi

Further to submission of the updated EPS licence application on 25th, please find attached a document which addresses the questions in your email below. I trust that you now have everything you need to consult SNH on the EPS licence application and I’d be grateful if you could confirm when this has commenced and their timescale for responding. We intend to offer to meet SNH to discuss the application.

Many thanks,

[Redacted]

[Redacted]

Aberdeen Harbour Board
16 Regent Quay
Aberdeen, AB11 5SS
Tel: [Redacted]
Mob: [Redacted]

www.aberdeen-harbour.co.uk
Hi

Please find attached the revised EPS Supporting Information Document which addresses the comments raised below on the EPS. I’ve added a few notes in yellow below and attached both a track changes and clean version of the EPS Supporting Information Document so you can easily see where changes have been made.

We will issues a response to your other comments and the plans you have requested updates to early week beginning 26th March 2018.

Best wishes

Arup
Scotstoun House  South Queensferry  Edinburgh  EH30 9SE United Kingdom
d: [Redacted]
www.arup.com

From: ms.majorprojects@gov.scot [mailto:ms.majorprojects@gov.scot]
Sent: 19 March 2018 09:44
To: [Redacted]
Cc: [Redacted]


Dear [Redacted]

Thank you for your email of 07 March 2018.

In terms of the EPS licence application and supplementary information, we offer the following comments;

We note that the blasting area submitted as part of the EPS Supplementary Information document (Figure 4) appears to have increased compared to what was assessed at marine licence application stage (attached). We note that we have not been notified of such a change and therefore require that you provide us with further information on the changes and submit your considerations around the changes’ impacts on the conclusions of the Environmental Statement (ES), the Habitats Regulators Appraisal (HRA) and the construction marine licence.

We also note that the construction of a platform along the southern shore, to be used as a haul road and to serve as a blasting platform, has been mentioned in the EPS licence application. As with the extended blasting works, we have not been notified of such additional works and require that further information is supplied to us around the methodology, timescales, and effects of these additional works on the agreed conclusions of the ES, Appropriate Assessment and the construction marine licence. We will then send these changes to SNH along with the updated EPS application for their respective comments.

Please note that the additional works (both blasting and the construction of the platform) cannot be undertaken unless the aforementioned information has been supplied to us and approved by us. Any prospective EPS licence
will be based on the blasting originally agreed, unless the extended area is approved by us. This does not affect any potential dredging variation decision.

On page 40 of the Supplementary Information document, you state that ‘As part of the CEMD, trial blasting will be undertaken and the amount of explosives charge can be varied to ensure that, with the double bubble curtain in place, the noise produced is managed to minimise underwater noise transmission’. We ask that you please amend this section to specify that the explosive charge will not exceed 20 kg, which is what was agreed during the marine licence application stage (attached). TEXT ADDED IN EPS SUPPORTING INFORMATION DOCUMENT.

We note that no consideration has been made with regards to the effects of drilling on the EPS species. You are therefore, expected to incorporate this into a new version of your EPS licence application. The do-nothing alternative does not seem to have been considered at all and it is important that this is incorporated in any new report as well. AS YOU DISCUSSED WITH [Redacted], THE EFFECTS OF DRILLING WERE ASSESSED IN THE EPS SUPPORTING INFORMATION HOWEVER AN ALTERNATIVE TO DRILLING WAS NOT. TEXT HAS BEEN ADDED IN EPS SUPPORTING INFORMATION DOCUMENT AS WELL ON DRILLING ALTERNATIVES AS WELL AS A DO NOTHING ALTERNATIVE.

Finally, throughout the document, a ‘20 minutes Marine Mammal Observer watch’ for marine mammals is referred to with regards to sea disposal. As agreed on 04 September 2017 and as per licence number 05964/16/0, a 30 minutes watch is required instead. Please amend all sections to reflect this. THE WATCH AT THE DISPOSAL SITE HAS BEEN AMENDED TO 30 MINUTES IN EPS SUPPORTING INFORMATION DOCUMENT. A 20 MINUTE WATCH IS STILL PROPOSED FOR DRUM CUTTER USE AS PER JNCC GUIDELINES.

In terms of the approval of outstanding or amended plans, we have the following comments;

Please note that the plans/procedures mentioned in [Redacted] email of 23 May 2017 need to be finalised and submitted to us prior to any works starting. This will not affect any prospective dredging licence variation, however our approval of these is required prior to commencement of blasting/dredging works. In terms of these plans/procedures, can you please confirm when you would be able to supply them to us?

Should you have any queries, please do not hesitate to contact me.

Kind Regards,

[Redacted]
[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.

Direct Line: [Redacted]
General Line: [Redacted]
Email: [Redacted]
Website: [Redacted]

Frequently Asked Questions

From: [Redacted]
Sent: 07 March 2018 10:10
To: MS Major Projects
Dear [Redacted]

In response to your query regarding the collection of hopper samples, within the Dredge Monitoring Plan for 2017 Operations (Report Ref: AHEP 2017 Dredge Surveys, 25th August 2017) it is stated that:

‘One (1) sample will be taken in the hopper of the Trailing Suction Hopper Dredge (TSHB) and one (1) in the hopper of a Split Hopper Barge (SHB) (from the Cutter Suction Dredger (CSD) or Backhoe Dredger (BHD) dredging) on a weekly basis during dredging. As there is limited available sediment quality information around the location of the East Quay, when dredging is ongoing in this area, a sample will be taken from each hopper load, be this the trailing suction hopper dredger or the backhoe dredger.

Initially, when dredging materials from an area identified as being above AL1, a sample will be taken of this material and analysed. If samples demonstrate the conclusion drawn by AHEP that it is unlikely levels above AL1 will be encountered, with the agreement of MS LOT, this increased sampling will be stopped.’

The 2017 Dredging Operation lasted for 12 days. It covered a limited area (see Dragados Document Marine Scotland Act Part 4 Marine Licensing, Licence Number: 05964/16/0 Reference No: 05964, Proposed Variation to Dredging Licence, Revision 2, Appendix B, Figure 1) and the dredging contractor, Van Oord, took a sample from each of the hoppers (which have been stored on site at Nigg Bay for future geotechnical analysis but not in storage suitable for further chemical testing). As all the dredge activities went over areas close to the East Quay area, the decision was made to analyse 4 of the samples based on a reasonable rate – one every 3 days of dredging. These were spread over the start, middle and end of the campaign so that different levels within the dredge would be sampled. We could see little value to be gained by analysing more samples from the dredge hopper given the level of mixing within the hopper. The dredging operations stopped earlier than anticipated due to a mechanical fault with the dredger and as such, Dragados were not able to consult with MS-LOT to seek advice on future sampling before the dredging operation had actually finished for 2017.

Given the abrupt ending to dredging operations, Dragados took the decision to deploy a vessel with necessary sampling equipment and take an extra 2 surface grab samples at the area under the East Quay to ensure sediment samples from directly underneath the East Quay area were collected (samples from the dredge hopper could have come from anywhere in the dredge area).

Regarding the discussion at our meeting as to whether SNH’s comments in [Redacted] email dated 31st January had been addressed, [Redacted] has talked through the ML Variation with [Redacted] who raised concerns about a potential increase in the time Eider Ducks will be disturbed during construction and stated [Redacted] as passed this to her ornithologist for further comment. We had not had any further response from SNH. In relation to the SNH concern that the proposed ML variation will potentially increase disturbance, the proposed changes do not extend the construction period as construction will still be complete by May 2020 and as such disturbance to Eider duck from construction activities will be as assessed in the ES. For instance, the construction programme in the ES includes marine activities such as ‘Quay Construction and Infilling’ ongoing until the end of 2019. The presence of a dredging vessel into the 2019 season is not considered to increase the level of disturbance considering the other activities that will be ongoing to complete construction of the AHEP.

I trust this addresses your outstanding questions on the request to vary the Dredging Licence, but if you have any further queries please feel free to contact me.

Your comments regarding the plans which must be submitted to MS-LOT prior to marine works commencing in 2018 are being addressed directly by Dragados as they relate to the CEMD. However, we assume that this is separate to the determination of the Dredging Licence variation.

Finally, if you have any questions about the EPS licence application submitted on 13th February please contact [Redacted] or me.
Dear [Redacted],

Thanks for your email. Dragados are preparing the plans below, as well as a response to [Redacted] question regarding the rationale for collecting hopper samples for analysis during the 2017 dredging. This will be with you next week.

In addition, [Redacted] will contact [Redacted] to check that her questions on the report have been addressed.

If you have any further questions or require more information relating to the Dredging Licence variation, could you please let me know so that this can be incorporated into our response to you.

Regards,

[Redacted]
From: ms.majorprojects@gov.scot [mailto:ms.majorprojects@gov.scot]
Sent: 21 February 2018 16:01
To: [Redacted]

Dear [Redacted]

Further to yesterday’s meeting, the C-POD Deployment Methodology and Noise Measurement Procedure plans need to be amended and approved by us before noisy works begin.

I have attached the comments that MSS made to these documents and the outdated documents submitted to us in June 2017.

Hope this is clear, but please do not hesitate to contact me, should you have any queries.

Kind Regards,

[Redacted]

[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.

Direct Line: [Redacted]
Email: [Redacted]
Website: ms.majorprojects@gov.scot

http://www.scotland.gov.uk/marinescotland

**********************************************************************
This e-mail (and any files or other attachments transmitted with it) is intended solely for the attention of the addressee(s). Unauthorised use, disclosure, storage, copying or distribution of any part of this e-mail is not permitted. If you are not the intended recipient please destroy the email, remove any copies from your system and inform the sender immediately by return.
Communications with the Scottish Government may be monitored or recorded in order to secure the effective operation of the system and for other lawful purposes. The views or opinions contained within this e-mail may not necessarily reflect those of the Scottish Government.
**********************************************************************
Hi [Redacted]

Apologies for the delay in response, however both [Redacted] and I work part-time hours.

We have reviewed the response that you provided on 29 March and are in general agreement with the content. However, we would like to stress that the various plans have to be submitted to us with sufficient time for review and potential consultation with other bodies. It is therefore, Aberdeen Harbour Board’s/Dragados’ risk should you decide to submit the plans without sufficient time for our review.

As you are already aware, we could not initiate consultation on the EPS application until the blasting area and platform changes were confirmed to us; Consultation with SNH on the EPS application, supporting information and the answers to our blasting/platform queries was initiated on Wednesday, however we have had an automatic response stating that [Redacted] is away until 17 April 2018.

As far as the dredging variation is concerned, I can confirm that payment of the variation fee was received yesterday and that [Redacted] and I will work on the variation next week.

We also note that the ‘AHEP – Dredge Monitoring Plan for 2018 and 2019 Operations’ was submitted by [Redacted] on Monday and that we will be sending comments back, shortly. The document will have to be amended after which we will seek SEPA’s comments on the content.

Should you have any queries, please do not hesitate to contact me.

Kind regards,

[Redacted]

[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE I ONLY WORK MORNINGS.

Direct Line: [Redacted]
General Queries: [Redacted]
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland
From: [Redacted]
Sent: 12 April 2018 14:40
To: [Redacted]
Cc: [Redacted]


Dear [Redacted]

I've tried to catch you on the phone a couple of times about the Dredging Licence variation and EPS licence application. Would you mind giving me a call for an update please? Mobile is the best number to reach me on.

Many thanks,
[Redacted]

From: [Redacted]
Sent: 29 March 2018 18:23
To: ms.majorprojects@gov.scot
Cc: [Redacted]


Dear [Redacted]

Please find below responses to your comments, and attached a revised version of the ‘Response to Queries from Marine Scotland Email to [Redacted] Dated March 19th, 2018’ document taking into account your queries (tracked changes and clean version).

We trust this closes off your queries and that you are now willing to consult SNH on the EPS licence application? Please confirm when this has commenced and the SNH timescale for responding – as mentioned previously we intend to offer to meet SNH to discuss the application.

Regards,
[Redacted]

Aberdeen Harbour Board
16 Regent Quay
Aberdeen, AB11 5SS
Tel: [Redacted]
Mob: [Redacted]

www.aberdeen-harbour.co.uk

[Redacted]
A MARINE LICENCE FEE FOR A VARIATION TO
LICENSE 05964 - ABERDEEN HARBOUR EXPANSION
PROJECT, CONSTRUCTION AND CAPITAL DRILLING
& SSA DISPOSAL, NICO BAY.

'REPS&RNCB: 05964/16/0

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<thead>
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<th>Description</th>
<th>Quantity</th>
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<th>Price</th>
<th>Amount</th>
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NET 9,785.00
VAT 0.00

TOTAL DUE 9,785.00 (GBP)

In case of query, please contact: [Redacted]
Telephone number: [Redacted]  E-mail: [Redacted]

REMITTANCE ADVICE FOR Marine Scotland

Address for remittance advice notes and for cheques sent by post:

Scottish Government
Banking Section, Financial Management Branch,
Mail Point 5, 3-A North,
Victoria Quay,
Edinburgh
EH6 6QO

Marine Scotland
VAT No. 888 8425 51
Area 1-B South,
Victoria Quay,
Edinburgh
EH6 6QO

Page 1 of 1
Transaction Type INVOICE
Number 86019723
Date 22-Mar-2018
Debtor ID 81948
Payment Terms 30 NET
Our Reference

ABERDEEN HARBOUR BOARD
Debtor ID 81948
Transaction Type INVOICE
Number 86019723
Date 22-Mar-2018
Our Reference
Currency GBP
Amount Due 9,785.00
METHODS OF PAYMENT

By BACS or CHAPS
Transmit your payment to:
Sort Code* 60-70-80
Account* 10019502
Credit Scottish Government

*National Westminster
London Corporate Service Centre
CPB Services
2nd Floor
280 Bishopgate
London
EC2M 4RB

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By cheque
You may send a cheque to the Treasury and Banking Section (address below). You must attach either the tear off slip below or your own remittance advice listing the invoice(s) you are paying.

Make your cheque payable to "Scottish Government"

By GBS TRANSFER
If you are a public sector body with an account at GBS you should pay by means of an internal transfer.

Make the internal transfer in favour of:
Scottish Government: 10019502

Send the tear off slip or your own remittance advice to Treasury and Banking Section (address below).

Address for remittance advice notes and for cheques sent by post:
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Treasury and Banking Section
Mail Point 12
3A North
Victoria Quay
Edinburgh
EH6 6QQ
Fax No: 0131 244 7334
Email: seasarenquiries@gov.scot

By debit card via Internet
You may pay via our bill payment website:
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Any enquiries contact by email:
online-payments@gov.scot
or by telephone: 0131 244 7325 (answering machine)

Paying from overseas
Transmit your payment to:
Account* 10019502
IBAN No* GB15NWBK60708010019502
BIC No NWBKGB32
Credit Scottish Government

*National Westminster, London

APS Group Scotland PPDA516617 (02/16)
Hi [Redacted]

Thank you for your email.

Please find attached a copy of the invoice that is also being sent to you by post. Please make sure that you quote the invoice reference number as part of the payment, so that the fee can be associated to the correct licence.

I have also looked through the coordinates that we have on file which no longer match those that are now proposed to be dredged. The current dredging marine licence makes reference to five different dredge areas and the coordinates binding them. However, we feel it would be preferable if, instead of asking you to provide new coordinates for each different dredge area, we get a few coordinates that bind the overall dredge area as per Figure 1 of the latest Dredging Variation document (i.e. one polygon encompassing all the coloured areas).

Finally, we will have to replace the indicative plan from the back of the current dredging licence, with the new indicative areas, so can you please provide us with drawings similar to those of Figures 2 to 7, outlining each dredge area’s new footprint (i.e. excluding the intermittent lines). The ones included in the Dredging Variation document have a low resolution and therefore, we would be grateful if the new drawings are submitted as standalone files, rather than incorporated into a report.

I hope this is clear, but please get in touch with me, should you have any queries.

Kind regards,

[Redacted]

[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.

Direct Line: [Redacted]
General Line: +44 (0) 300 244 5046
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland
To: [Redacted]
Cc: [Redacted]


Dear [Redacted]

Many thanks for the confirmation.

We'll confirm the timescales, and provide the additional information you've requested on the EPS etc, shortly.

Regards,
[Redacted]

On 20 Mar 2018, at 14:57, "ms.majorprojects@gov.scot" <ms.majorprojects@gov.scot> wrote:

Dear [Redacted]

Further to my email of 19 March 2018 and our phone conversation earlier today, I can confirm that we will be varying your dredging and sea disposal licence number 05964/16/0, as we consider the changes to be immaterial.

The dredging variation will attract a fee of £9,785, which represents the difference between a three year and a two year licence (please see Table 4). I will issue an invoice to that effect and send it to you shortly.

If you could please confirm what timescales you are working to with regards to commencement of the 2018 dredging activities, that would be useful.

We look forward to receiving your updated EPS licence application in due course.

Should you have any queries, please do not hesitate to contact me.

Kind Regards,

[Redacted]

[Redacted]

Marine Scotland - Marine Planning & Policy
The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.
Direct Line: [Redacted]
General Line: +44 (0) 300 244 5046
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland

<image002.png>

[Redacted]
Hi [Redacted]

Just to keep you updated, I passed your request onto Dragados last week and I’m expecting the drawings and coordinates by close of play today, which I’ll forward onto you once I’ve checked them.

Your invoice was passed to our accounts team for immediate payment.

Regards,
[Redacted]

Aberdeen Harbour Board
16 Regent Quay
Aberdeen, AB11 5SS
Tel: [Redacted]
Mob: [Redacted]

www.aberdeen-harbour.co.uk

---

From: ms.majorprojects@gov.scot <ms.majorprojects@gov.scot>
Sent: 22 March 2018 09:22
To: [Redacted]
Cc: [Redacted]
Subject: RE: 05964/05965 - Aberdeen Harbour Board - Aberdeen Harbour Expansion Project, Construction and Capital Dredging & Sea Disposal, Nigg Bay - Dredging variation invoice, coordinates and drawings

Hi [Redacted]

Thank you for your email.

Please find attached a copy of the invoice that is also being sent to you by post. Please make sure that you quote the invoice reference number as part of the payment, so that the fee can be associated to the correct licence.

I have also looked through the coordinates that we have on file which no longer match those that are now proposed to be dredged. The current dredging marine licence makes reference to five different dredge areas and the coordinates binding them. However, we feel it would be preferable if, instead of asking you to provide new coordinates for each different dredge area, we get a few coordinates that bind the overall dredge area as per Figure 1 of the latest Dredging Variation document (i.e. one polygon encompassing all the coloured areas).
Finally, we will have to replace the indicative plan from the back of the current dredging licence, with the new indicative areas, so can you please provide us with drawings similar to those of Figures 2 to 7, outlining each dredge area’s new footprint (i.e. excluding the intermittent lines). The ones included in the Dredging Variation document have a low resolution and therefore, we would be grateful if the new drawings are submitted as standalone files, rather than incorporated into a report.

I hope this is clear, but please get in touch with me, should you have any queries.

Kind regards,

[Redacted]
[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.

Direct Line: [Redacted]
General Line: +44 (0) 300 244 5046
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland

---

From: [Redacted]
Sent: 21 March 2018 14:42
To: MS Major Projects
Cc: [Redacted]

Dear [Redacted]

Many thanks for the confirmation.

We'll confirm the timescales, and provide the additional information you've requested on the EPS etc, shortly.

Regards,
[Redacted]

On 20 Mar 2018, at 14:57, "ms.majorprojects@gov.scot" <ms.majorprojects@gov.scot> wrote:

Dear [Redacted]

Further to my email of 19 March 2018 and our phone conversation earlier today, I can confirm that we will be varying your dredging and sea disposal licence number 05964/16/0, as we consider the changes to be immaterial.

The dredging variation will attract a fee of 9,785, which represents the difference between a three year and a two year licence (please see Table 4). I will issue an invoice to that effect and send it to you shortly.
If you could please confirm what timescales you are working to with regards to commencement of the 2018 dredging activities, that would be useful.

We look forward to receiving your updated EPS licence application in due course.

Should you have any queries, please do not hesitate to contact me.

Kind Regards,

[Redacted]

[Redacted]

**Marine Scotland** - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE THE CHANGE IN TELEPHONE CONTACT NUMBERS.

Direct Line: [Redacted]
General Line: +44 (0) 300 244 5046
Email: [Redacted]
Website: [Redacted]

<image002.png>
I’m using Mimecast to share large files with you. Please see the attached instructions.

Dear [Redacted],

Please find attached drawings of the individual dredging areas, as requested in your email of 22nd March. Could you please confirm that you’ve received these?

Also attached are a list of coordinates and a ‘Dredge Coordinates Model’ PDF showing where these points are located. You’ll see that points 6-10 follow the mean high water mark in the western section of the bay. For the previous application, following discussion with you we provided a coordinate point where the works ‘met’ the mean high water mark to the north and to the south of the development footprint – would you like us to do the same for the variation, or is the attached sufficient?

Regards,

[Redacted]

[Redacted]

Aberdeen Harbour Board
16 Regent Quay
Aberdeen, AB11 5SS

www.aberdeen-harbour.co.uk

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Invitation to Access Shared Files

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An access key is required to download the shared files, see instructions below.

File(s):
- AHEP-DRA-SKE-0142-002.pdf 2.8 MB
- AHEP-DRA-SKE-0142-003.pdf 2.7 MB
- AHEP-DRA-SKE-0142-007.pdf 2.7 MB
- AHEP-DRA-SKE-0142-008.pdf 2.7 MB
- AHEP-DRA-SKE-0142-009.pdf 2.7 MB
- AHEP-DRA-SKE-0142-010.pdf 2.9 MB
- Copy of Copy of Dredge Pol...inates.xlsx 13.0 KB
- Dredge Coordinates-Model.pdf 164.7 KB

Next Step: Click on the Download Files button above and request an access key from the login page. A key will then be emailed to you. Use the key together with the Download Files button above to access the shared files.

Download Expiration: You have until Tue, 10 Apr 2018 23:59 +0100 to download the files.
Excellent news. Thanks to you and all your colleagues at MS-Lot for the hard work in turning these licenses around. Much appreciated.

Regards

AHEP Project Offices | St Fitticks Road | Aberdeen, AB11 8TN (UK)

Dragados is An Equal Opportunity Employer

From: ms.majorprojects@gov.scot
Sent: 27 April 2018 12:49

Subject: RE: SEPA Response to Consultation Reference

Thank you,

I can confirm that the Dredge Plan, Rev B of 27 April 2018 has been approved.

Kind regards,

Marine Scotland - Marine Planning & Policy
The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE I ONLY WORK MORNINGS.

Direct Line: [Redacted]
General Queries: +44 (0) 300 244 5046
Email: [Redacted]
From: [Redacted]  
Sent: 27 April 2018 12:47  
[Redacted]

Subject: RE: SEPA Response to Consultation Reference  

Please find attached updated Dredge Plan Rev B following MS-LOT comments.

Regards

[Redacted]

[Redacted]

[Redacted]

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From: ms.majorprojects@gov.scot [mailto:ms.majorprojects@gov.scot]  
Sent: 27 April 2018 12:10  
[Redacted]

Subject: RE: SEPA Response to Consultation Reference  

Hi [Redacted]  

Thank you for the amendment. Can you please amend the date and revision of the plan and also remove reference to ‘MS-LOT Major Projects Team will also be asked for advice as to whether SEPA should be contacted, depending on the nature of the suspended sediment level exceedance’ following the section on contacting SEPA’s hotline.

Can you also please amend the last paragraph of Section 4, so that it reads as if Dragados are making that commitment and SEPA and MS-LOT get to approve things?

Thanks,
PLEASE NOTE I ONLY WORK MORNINGS.

From: [Redacted]  
Sent: 27 April 2018 11:47  
To: MS Major Projects  

Subject: RE: SEPA Response to Consultation Reference  

[Redacted]  

Please find attached updated Dredge Plan as requested. Trust this is all in order and approval can be issued today? Any further queries please contact me.

Regards  
[Redacted]  

AHEP Project Offices| St Fitticks Road | Aberdeen, AB11 8TN (UK)  

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From: ms.majorprojects@gov.scot [mailto:ms.majorprojects@gov.scot]  
Sent: 27 April 2018 11:19  

Subject: RE: SEPA Response to Consultation Reference  

Hi[Redacted]
Can you please update the sediment plan so that it states that SEPA are notified on their pollution hotline regardless of the time, if there is a potential impact on the bathing water?

Also, following my discussion with [Redacted] please include a sentence stating that Dragados commit to provide details of what criteria will be used to determine whether a plume will impact on the bathing beach in a flowchart for SEPA and MS-LOT's approval, prior to 14 May 2018. The information will have to be provided in sufficient time so that SEPA have enough time to review it and for us to approve it by 14 May 2018.

We look forward to receiving your updated Dredge plan.

Should you have any queries, please do not hesitate to contact me.

Kind regards,

[Redacted]

[Redacted]

Marine Scotland - Marine Planning & Policy

The Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

PLEASE NOTE I ONLY WORK MORNINGS.

Direct Line: [Redacted]
General Queries: +44 (0) 300 244 5046
Email: [Redacted]
Website: http://www.scotland.gov.uk/marinescotland

-----Original Message-----
From: [Redacted]
Sent: 27 April 2018 10:29

[Redacted]

Subject: FW: SEPA Response to Consultation Reference

[Redacted]

Just as a follow up to your discussion with [Redacted]

In the attached correspondence SEPA have implicitly said that they are happy with the Dredge Plan. Point 1.4 in the attached states that we need to provide a similar Procedure flow chart which we are in the process of doing. Importantly they have stated that if we provide SEPA with acceptable criteria for assessing potential impacts to the bathing beach prior to 14th May, then they have no further concerns. We are in discussions with SEPA on this Criteria and will issue and concluded well in advance of the 14th of May.

Thus we see no issue in approving the Dredge Plan and issuing it today to ensure Dragados can commence Dredging early next week. Would be grateful if you could give me a call to discuss further.

Regards
---Original Message-----
From: planning.aberdeen@sepa.org.uk [mailto:planning.aberdeen@sepa.org.uk]
Sent: 26 April 2018 12:15

Thank you for consulting SEPA on the above proposal. Please find our response attached.

Where applicable this email has been copied to the agent and/or applicant.

This is an auto-generated email sent on behalf of SEPA's Planning Service. Information on our planning service along with guidance for planning authorities, developers and any other interested party is available on our website at http://www.sepa.org.uk/planning.aspx.

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