# Permit with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

Port of Blyth

Battleship Wharf Decommissioning Facility
Port of Blyth
South Harbour
Blyth
Northumberland
NE24 3PB

### Permit number

EPR/RP3337RN

# Battleship Wharf Decommissioning Facility
# Permit number EPR/RP3337RN

## Introductory note

### This introductory note does not form a part of the permit

The main features of the permit are as follows.

The Facility will accept less than 50,000 tonnes per year of marine structures from the decommissioning of offshore oil and gas rigs for the purpose of recovery, reuse or disposal. Of the 50,000 tonnes per year total, it is anticipated that less than 12,144 tonnes per year of the incoming waste stream will be classified as hazardous waste. Once structures have been dismantled and their component parts are removed, larger pieces of scrap metal will be resized as appropriate. All components will be sorted into different waste types for temporary storage within designated areas prior to their removal off-site to a suitably permitted facility for recovery or disposal. Key processes include removal/dismantling of all hazardous components including waste electrical and electronic equipment (WEEE), asbestos and oils before general size reduction of the residual waste by shearing, cutting and shredding for onwards recovery.

A description of the Schedule 1 activities to be undertaken at the Installation are:

- Section 5.3 Part A(1)(a), Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving:

    ii) physico-chemical treatment;

    iii) repackaging prior to submission to any of the other activities listed in this Section;

    vi) recycling or reclamation of inorganic materials other than metals or metal compounds;

- Section 5.4 A(1)(b), Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving the following activities

    iv) treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.

- Section 5.6 A (1)(a), Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.3.

The Facility operates on a fully sealed drainage system with impermeable surfacing. Any surface water from wash-down or rain fall will be retained before being tested and as appropriate treated before discharge to the harbour or tankered away for disposal. This environmental control is to be agreed with the Environment agency under a pre-operational condition (reference PO1).

Hazardous materials will be moved straight from the Reception Area after dismantling to a bunded isolation area for storage in skips/sealed shipping containers in order to ensure that all hazardous wastes are appropriately segregated and that the contamination of surface water entering the site drainage systems is prevented. The height of the bund will be such that the total retention volume within each bunded area will be the greater of 110% of the largest container or 25% of the total container/skip volume. All non-hazardous materials will be placed directly into a designated storage container on concrete impermeable pavement and kept undercover prior to being removed for off-site recycling.

The Facility will be located within the Port of Blyth landholding, at Battleship Wharf, on the north/east side of the River Blyth. The centre of the proposed permit boundary will be at approximately grid reference NZ 31040 82780. The Facility covers a total of approximately 2.4ha and will be split into three Bays, each serving a distinct purpose:

- Bay 1 – material reception, treatment and storage of combustible wastes
- Bay 2 – material reception, treatment and storage of combustible wastes
- Bay 3 – storage for clean, non-combustible, metals only

The surrounding land is predominantly in port-related industrial/commercial use and is bounded to the east by a working rail line. Beyond the Port boundary, immediately to the north, are residential properties that form part of the village of Cambois and, to the south, North Blyth. European designated sites within 2km consist of the Northumbria Coast SPA and RAMSAR site, the Northumberland Marine SPA and further the Northumbria Land Shore is designated a SSSI approximately 100 meters to the east at its closest point.

Naturally Occurring Radioactive Waste (NORM) will be removed and stored under a separate permit.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

| **Status log of the permit** | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application EPR/RP3337RN/A001 | Duly made 14/07/16 | Application for marine structure decommissioning facility, primarily oil and gas rigs. |
| Additional information received | 10/11/16 | Noise assessment and data files received. |
| Response to schedule 5 notice dated 11/11/16 | 30/12/16 | Updated Fire Prevention Plan, Environmental Risk Assessment and details on site drainage for surface water management. |
| Response to schedule 5 notice dated 13/02/17 | 15/03/17 | Updated Fire Prevention Plan and details on site drainage for surface water management. |
| Additional information received | 04/10/17 | Updated Fire Prevention Plan, Non-technical summary and Site Condition Report. |
| Additional information received | 06/10/17 | Updated Operating Techniques. |
| Permit determined EPR/RP3337RN<br>(PAS Billing ref. RP3337RN) | 16/10/17 | Permit issued to Port of Blyth. |

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/RP3337RN**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Port of Blyth** ("the operator"),

of

**Port of Blyth**
**South Harbour**
**Blyth**
**Northumberland**
**NE24 3PB**

to operate an installation at

**Battleship Wharf Decommissioning Facility**
**Port of Blyth**
**South Harbour**
**Blyth**
**Northumberland**
**NE24 3PB**

to the extent authorised by and subject to the conditions of this permit.

| Name | Date |
|---|---|
| **Tom Swift** | **16/10/2017** |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

1.2.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

### 1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

# 2 Operations

## 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

## 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

## 2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3 and S2.4; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

### Hazardous waste storage

2.3.6 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

## 2.4 WEEE storage

2.4.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.

2.4.2 WEEE shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

## 2.5 Pre-operational conditions

2.5.1 The operations specified in schedule 1 table S1.4A shall not commence until the measures specified in that table have been completed.

# 3 Emissions and monitoring

## 3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## 3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## 3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in tables S3.1;

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 unless otherwise agreed in writing by the Environment Agency.

## 3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.7 Fire prevention

3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

# 4 Information

## 4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production /treatment data set out in schedule 4 table S4.2; and

(c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 ; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 In the event:

(a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

(a) a decision by the Secretary of State not to re-certify the agreement;

(b) a decision by either the operator or the Secretary of State to terminate the agreement; and

(c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

# Schedule 1 – Operations

| Table S1.1 activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR1 | S5.3 A (1) (a) (ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment | R3: Recycling/reclamation of organic substances which are not used as solvents | Dismantling and segregation of hazardous materials from off shore oil rig platforms for onwards storage and dispatch for recovery.<br>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.<br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.<br>Waste types and quantities as specified in Table S2.1 |
| AR2 | S5.3 A (1) (a) (iv)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging | R3: Recycling/reclamation of organic substances which are not used as solvents<br>R4: Recycling/reclamation of metals and metal compounds<br>R5: Recycling/reclamation of other inorganic materials | Bulk storage of hazardous wastes before dispatch off site.<br>Asbestos waste shall be double bagged and stored within clearly identified, segregated, secure, lockable containers on an impermeable surface with sealed drainage system<br>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.<br>Waste types and quantities as specified in Table S2.1 |
| AR3 | S5.3 A (1) (a) (vi)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving recycling or reclamation of inorganic materials other than metals or metal compounds | R5: Recycling/reclamation of other inorganic materials | Waste types and quantities as specified in Table S2.1 |

| Table S1.1 activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR4 | S5.4 A (1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components | R4: Recycling/reclamation of metals and metal compounds | The shredding, hot cutting and cold cutting of metal waste over 75 tonnes before dispatch off site.<br>Waste types and quantities as specified in Table S2.2 |
| AR5 | S5.6 A (1) (a)<br>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.3 | R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) | From receipt of waste until dispatch, including the storage of bulked-up wastes.<br>Asbestos waste shall be double bagged and stored within clearly identified, segregated, secure, lockable containers on an impermeable surface with sealed drainage system.<br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.<br>Total site storage capacity of waste once removed from the received marine structure pending transfer or treatment is 1,000 tonnes<br>Waste types and quantities as specified in Table S2.1 |
| **Directly Associated Activity** | | | |
| AR6 | Temporary storage hazardous and non-hazardous WEEE material pending recovery at an off-site facility. | R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) | From receipt and storage of WEEE generated from the dismantling of off shore oil rig platforms before dispatch off site.<br>Storage of WEEE will be in sealed containers with bunded and impermeable surfacing and sealed drainage.<br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.<br>Waste types and quantities as specified in Table S2.3 |

| Table S1.1 activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR7 | Temporary storage of non-hazardous waste pending recovery at an off-site facility. | R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) | From receipt and storage of plastic, wood and other raw materials generated from dismantling of the off shore oil rig platforms before dispatch off site.<br>Waste types and quantities as specified in Table S2.4 |
| AR8 | Site drainage water treatment. | Treatment of site drainage water from storage and treatment areas prior to discharge (AR9). | Treatment in accordance with the requirements of pre-operational condition PO1.<br>Non-hazardous waste inputs shall not exceed 50 tonnes per day.<br>Hazardous waste inputs shall not exceed 10 tonnes per day. |
| AR9 | Site drainage water discharge from Bays 1 and 2 | Discharge of site drainage water from storage and treatment areas. | Discharge according to the requirements of pre-operational condition PO1. |
| AR10 | Site drainage from all other areas other than Bays 1 and 2 | Discharge of site drainage water from non-storage and non-treatment areas. | Discharge of clean, untreated, uncontaminated water according to the requirements of pre-operational condition PO1. |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Application | Parts B2 and B3 of the application form and referenced supporting information | Duly Made 14/07/16 |
| Sector Guidance | All relevant parts of Sector Guidance Note S5.06 Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste | N/A |
| Response to Schedule 5 Notice dated 11/11/16 | Revised Environmental Risk Assessment 414.06356.00002 | 30/12/16 |
| Response to Schedule 5 Notices dated 11/11/16 and 13/02/17 | Approved Fire Prevention Plan consisting of:<br>Battleship Wharf Decommissioning Facility, Fire Prevention Plan, 414.06356.00002, Version No: 7, September 2017<br>FPP - Sensitive Receptors, Drawing 004, December 2016<br>FPP – Site Drainage, Drawing 005, December 2016<br>FPP – Layout (Fire Prevention), Drawing 006, September 2017<br>FPP – Site Surfacing, Drawing 007, December 2016 | <br>04/10/17<br>30/12/16<br>30/12/16<br>30/12/16<br>30/12/16 |
| Response to request for information | All relevant parts of Operating Techniques Document 414.06356.00002 version No: 4, September 2017 | 06/10/17 |

| Table S1.4 Pre-operational measures | |
|---|---|
| **Reference** | **Pre-operational measures** |
| PO1 | The operator shall submit to the Environment Agency for approval a plan for the management of surface water run-off arising from the site. **The plan should satisfy point 1) and / or 2) below:**<br><br>1) The plan shall include (but not be limited to) proposals for discharging the run-off to Blyth Harbour, focusing on the control of 'hazardous pollutants' [1] in the discharge. These proposals shall be supported by the following:<br><br>(a) an appropriate surface water risk assessment demonstrating that any such discharge is not liable to cause pollution of the receiving waters;<br><br>(b) technical details of any proposed treatment system, including treatment objectives, expected performance levels (with supporting evidence), and site plan(s) showing the location of the treatment system, discharge and monitoring points;<br><br>(c) proposals for monitoring and reporting to demonstrate that the treatment objectives have been met prior to discharge to Blyth Harbour.<br><br>2) The operator shall submit to the Environment Agency for approval a plan for the off-site removal of run-off arising within Bays 1 and 2, which shall include the following:<br><br>(a) details of the controls that will be put in place to ensure that surface water run-off will be removed from the site in an appropriate manner;<br><br>(b) details of the monitoring that will be put in place to ensure that surface water run-off within Bays 1 and 2 will be maintained at levels so as to avoid the risk of overtopping and accidental discharge to the environment. |
| [1] Defined in Environment Agency surface water pollution risk assessment guidance available at www.gov.uk | |

# Schedule 2 – Waste types, raw materials and fuels

| **Table S2.1 Permitted waste types and quantities for Hazardous waste Treatment and storage under AR1, AR2, AR3 and AR5** | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | 12,144 tonnes per year |
| **Waste code** | **Description** |
| **01** | **Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals** |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 05* | oil-containing drilling muds and wastes |
| 01 05 06* | drilling muds and other drilling wastes containing hazardous substances |
| **14** | **Waste organic solvents, refrigerants and propellants (except 07 and 08)** |
| **14 06** | **waste organic solvents, refrigerants and foam/aerosol propellants** |
| 14 06 01* | chlorofluorocarbons, HCFC, HFC |
| **15** | **Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 10* | packaging containing residues of or contaminated by hazardous substances |
| 15 01 11* | metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers |
| **15 02** | **absorbents, filter materials, wiping cloths and protective clothing** |
| 15 02 02* | absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 07* | oil filters |
| 16 01 08* | components containing mercury |
| 16 01 09* | components containing PCBs |
| 16 01 11* | brake pads containing asbestos |
| 16 01 13* | brake fluids |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 09* | transformers and capacitors containing PCBs |
| 16 02 10* | discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09 |

| Table S2.1 Permitted waste types and quantities for Hazardous waste Treatment and storage under AR1, AR2, AR3 and AR5 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | 12,144 tonnes per year |
| **Waste code** | **Description** |
| 16 02 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 12* | discarded equipment containing free asbestos |
| 16 02 13* | discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| **16 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 02** | **wood, glass and plastic** |
| 17 02 04* | glass, plastic and wood containing or contaminated with hazardous substances |
| **17 04** | **metals (including their alloys)** |
| 17 04 09* | metal waste contaminated with hazardous substances |
| 17 04 10* | cables containing oil, coal tar and other hazardous substances |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 01* | insulation materials containing asbestos |
| 17 06 03* | other insulation materials consisting of or containing hazardous substances |
| 17 06 05* | construction materials containing asbestos |
| **19** | **Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use** |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |

| Table S2.1 Permitted waste types and quantities for Hazardous waste Treatment and storage under AR1, AR2, AR3 and AR5 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | 12,144 tonnes per year |
| **Waste code** | **Description** |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 37* | wood containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for metal shredding activity under AR4 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | Maximum annual throughput of 50,000 tonnes, in total, including waste types specified in Table S2.1, S2.3 and S2.4 |
| **Waste code** | **Description** |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 10 | waste metal |
| **12** | **Wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 13 | welding wastes |
| **15** | **Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 04** | **metals (including their alloys)** |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |

| Table S2.3 Permitted waste types and quantities for WEEE storage under AR6 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | Maximum annual throughput of 50,000 tonnes, in total, including waste types specified in Table S2.1, S2.2 and 2.4 |
| **Waste code** | **Description** |
| **16** | **Wastes not otherwise specified in the list** |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 09* | transformers and capacitors containing PCBs |
| 16 02 10* | discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09 |
| 16 02 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 12* | discarded equipment containing free asbestos |
| 16 02 13* | discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| **16 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |

| Table S2.4 Permitted waste types and quantities for Non-Hazardous storage under AR7 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | Maximum annual throughput of 50,000 tonnes, in total, including waste types specified in Table S2.1, S2.2 and S2.3 |
| **Waste code** | **Description** |
| **01** | **Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals** |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 04 | freshwater drilling muds and wastes |
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 04 | waste plastics (except packaging) |
| **12** | **Wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 05 | plastics shavings and turnings |
| 12 01 13 | welding wastes |
| **15** | **Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| **15 02** | **absorbents, filter materials, wiping cloths and protective clothing** |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |

| Table S2.4 Permitted waste types and quantities for Non-Hazardous storage under AR7 | |
|---|---|
| **Waste Types**<br>**Permitted waste types – Marine structures**<br>Wastes within the waste codes listed below may be accepted at the site insofar as they are:<br>a) part of a Marine structure<br>b) aboard or together with a Marine structure and present as a consequence of the operation or maintenance of that Marine structure. | |
| **Maximum quantity** | Maximum annual throughput of 50,000 tonnes, in total, including waste types specified in Table S2.1, S2.2 and S2.3 |
| **Waste code** | **Description** |
| 16 01 19 | plastic |
| 16 01 20 | glass |
| 16 01 22 | components not otherwise specified |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 02** | **wood, glass and plastic** |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| **19** | **Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use** |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |

# Schedule 3 – Emissions and monitoring

| Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (incl. unit)** | **Reference Period** | **Monitoring frequency** | **Monitoring standard or method** |
| Existing Outfall 1.92 as detailed on FPP site drainage plan 005 | Uncontaminated surface water run-off | No parameter set | No unit set | - | - | - |
| See Note 1 | Surface water run-off from bays 1 and 2 | Note 1 | Note 1 | Note 1 | Note 1 | Note 1 |
| Note 1: To be agreed in writing by the Environment Agency upon approval of Pre-operational condition PO1 | | | | | | |

# Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| **Table S4.1 Reporting of monitoring data** | | | |
|---|---|---|---|
| **Parameter** | **Emission or monitoring point/reference** | **Reporting period** | **Period begins** |
| Emissions to water<br>Parameters as required by condition 3.5.1 | Note 1 | Note 1 | Note 1 |
| Note 1: To be agreed in writing with the Environment Agency following completion of Pre-operational condition PO1 | | | |

| **Table S4.2: Annual production/treatment** | |
|---|---|
| **Parameter** | **Units** |
| Treatment of hazardous waste | tonnes |
| Treatment of non-hazardous waste | tonnes |

| **Table S4.3 Performance parameters** | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Water usage | Annually | $m^3$ |
| Energy usage | Annually | MWh |

| **Table S4.4 Reporting forms** | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Emissions to water | Form water 1 or other form as agreed in writing by the Environment Agency | 16/10/17 |
| Water usage | Form water usage 1 or other form as agreed in writing by the Environment Agency | 16/10/17 |
| Energy usage | Form energy 1 or other form as agreed in writing by the Environment Agency | 16/10/17 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by the Environment Agency | 16/10/17 |
| Waste returns | E-waste return form | - |

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

| | |
|---|---|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| **(b) Notification requirements for the breach of a limit** | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |

| (b) Notification requirements for the breach of a limit | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Measures taken, or intended to be taken, to stop the emission | |

| Time periods for notification following detection of a breach of a limit | |
|---|---|
| **Parameter** | **Notification period** |
| | |
| | |
| | |

| (c) Notification requirements for the detection of any significant adverse environmental effect | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Description of where the effect on the environment was detected | |
| Substances(s) detected | |
| Concentrations of substances detected | |
| Date of monitoring/sampling | |

# Part B – to be submitted as soon as practicable

| | |
|---|---|
| Any more accurate information on the matters for notification under Part A. | |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|---|---|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

# Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“cutting” means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter to cut and/or resize large pieces of scrap metal into more manageable sizes; powder torches and plasma torches may be used to cut heat-resistant scrap e.g. pig iron, copper, bronze).

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Hazardous property” has the meaning in Annex lll of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“marine structure” means any oil or gas platforms, gravity based structures, tension leg structures, drilling rigs, jack-ups, legs, jackets, storage structures, sub-sea installations (including subsea pipelines), modules and includes any partially dismantled marine structure

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquids will run off the surface otherwise than via the system

- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged.

“separation” means separating wastes into different material types, components and grades.

“shearing” means utilises a range of hydraulic machinery that comprise hard steel blades which cut metals into manageable sizes. It may be hand-held, static or attached to mobile plant (e.g. cranes).

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

‘treatment in shredders’ includes treatment in plant such as hammer mills, chain mills, rotary shears and other similar equipment that is designed to fragment metal into smaller pieces to allow the separation of the metallic and the non-metallic fractions. It does not include shearers and guillotines which utilise a range of hydraulic machinery that comprise hard steel blades to cut metals into manageable sizes.’

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2, for that table, they have the meaning given below:

‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

‘heavy metal’ means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

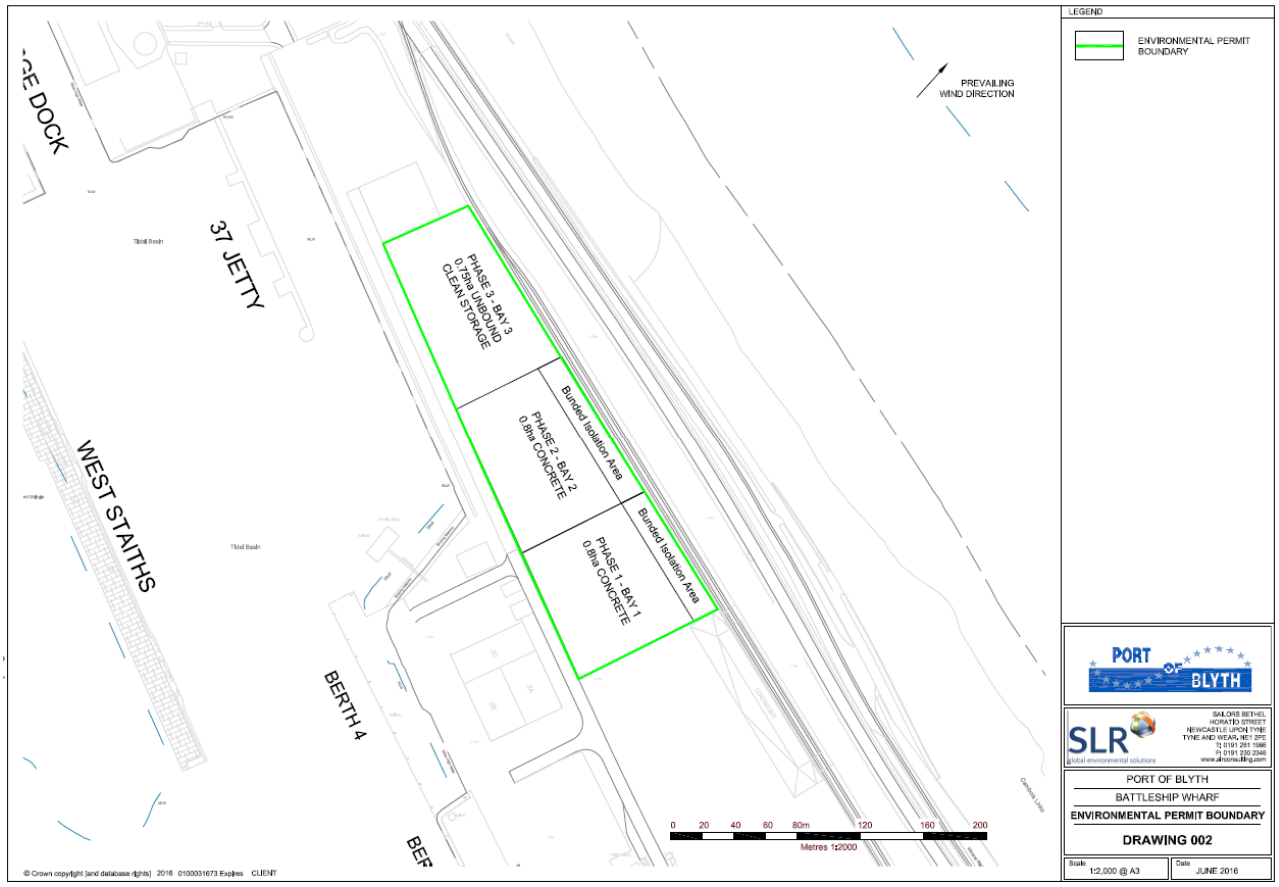
‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane

- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

‘transition metals’ means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances

# Schedule 7 – Site plan




END OF PERMIT