

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Associated British Ports

Roath Dock Cardiff
Old Clipper Road
Cardiff
South Glamorgan
CF10 4LX

Variation number

EPR/AB3095ZY/V002

Roath Dock Cardiff

Permit number EPR/AB3095ZY

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This is a Tier 3 bespoke permit for a non-hazardous waste transfer facility.

Activities are limited to the storage and bulking up of non hazardous waste only.

All treatment is for the purpose of recovery only. Treatment may be by manual and/or mechanical methods.

Permitted waste types are Refuse Derived Fuel (RDF), wood wastes and mill scales. For the purposes of this permit, the term “treated wood” means any wood that that has been chemically treated or made into some form of panelboard.

All storage and treatment of RDF, mill scales, and treated wood waste shall take place on impermeable surface with sealed drainage. Clean untreated wood waste may be stored on either hardstanding, or impermeable surface with sealed drainage.

The maximum quantity of waste accepted on site shall not exceed 120,000 tonnes per year.

This permit does not allow any point source emission into surface waters or groundwater except:

- clean, rainfall dependant drainage from areas of the site not used in connection with the storage and/or treatment of waste, and
- integral discharge(s) from the permitted activity (outside areas of the site used in connection with the storage and/or treatment of waste) in accordance with the limits set out in Table S1.1.

All emissions from the activity which are not controlled via actual emission limits, are controlled through the ‘emission of substances not controlled by emission limits condition’ and any all relevant process requirements set out in Tables S1.1 and S1.2.

The burning of any wastes is not permitted

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 PAN-000038	Duly made 07/10/2015	Application for Refuse Derived Fuels (RDF) and wood waste transfer station.

Status log of the permit		
Description	Date	Comments
Additional information received in response to Schedule 5 notice sent 30/10/15	13/11/2015	Consisting of: <ul style="list-style-type: none"> - Waste acceptance procedures - Storage arrangements for fire prevention - Odour Management Plan
	25/11/2015	Consisting of the Site Infrastructure Plan
Additional information received in response to informal request for information sent 04/11/15	15/12/2015	Consisting of the Fire Prevention Plan
Permit determined EPR/AB3095ZY	29/02/2016	Permit granted to Associated British Ports
Variation application EPR/AB3095ZY/V002	Duly Made 27/02/2023	Variation to add a single waste code.
Additional information received in response to Schedule 5 Notice (Dated: 07/07/2023)	10/07/2023	Including: <ul style="list-style-type: none"> • Waste Storage & Management Procedure (v4) • Dust Emissions Management Plan (v4) • Waste Monitoring And Inspection Procedure (v4) • Inspection, Maintenance & Cleaning Schedule • Environmental Risk Assessment (Dated 10/07/2023)
Additional Information received in response to an email request (Dated: 27/07/2023)	31/07/2023	Including: <ul style="list-style-type: none"> • Dust Emission Management Plan (v5)
Variation Determined	18/08/2023	Varied permit issued to Associated British Ports

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
EPR/AB3095ZY

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AB3095ZY/V002 authorising

Associated British Ports (“the operator”),

whose registered office is

25 Bedford Street

London

WC2E 9ES

company registration number ZC000195

to operate a regulated facility at

Roath Dock Cardiff

Old Clipper Road

Cardiff

South Glamorgan

CF10 4LX

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

Name	Date
<i>Huw Davies</i>	<i>18/08/2023</i>

Authorised on behalf of Natural Resources Wales

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 Avoidance, recovery and disposal of wastes produced by the activities

- 1.2.1 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.
- 1.2.2 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 (a) 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 Natural Resources Wales.

- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.

2.3.2 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1 [, S2.2 etc.]; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.

2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

- 3.1.1 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.
- 3.1.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.

3.2 Odour

- 3.2.1 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 Natural Resources Wales, 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 Noise and vibration

- 3.3.1 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 Natural Resources Wales, 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.
- 3.3.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.4 Pests

- 3.4.1 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.

3.4.2 The operator shall:

- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales.

3.5 Fire

3.5.1 The operator shall manage and operate the activities in accordance with a written fire prevention and mitigation plan using the current, relevant fire prevention and mitigation plan guidance.

3.5.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention and mitigation plan which identifies and minimises the risks of fire;
- (b) Operate the activity in accordance with the fire prevention and mitigation plan, from the date of submission, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

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

4.2.2 Within one month of the end of each quarter, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales shall be notified without delay following the detection of:

- (a) 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;
 - (b) the breach of a limit specified in the permit; or any significant adverse environmental effects.
 - (c) any significant adverse environmental effects.
- 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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.

4.4 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 "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A1 – Refuse Derived Fuels (RDF), Mill Scales and Wood Waste Transfer Station	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/ reclamation of other inorganic compounds</p>	<p>Refuse Derived Fuels (RDF), Treated Wood, and Mill Scales must only be stored on an impermeable surface with sealed drainage.</p> <p>Clean, untreated wood waste may be stored on either hardstanding or on an impermeable surface with sealed drainage.</p> <p>Sealed drainage is specified below in this table.</p> <p>No more than 6000 tonnes of Mill Scales to be stored at any one time.</p> <p>Treatment operations shall be limited to manual and or mechanical bulking up of permitted waste for the purpose of onward transfer for recovery only</p> <p>Waste types as specified in Table S2.1</p>
	Discharge of integral site drainage including the emissions (discharge) from the emission points indicated on the plan in Schedule 7.	<p>Drainage consisting solely of rainfall dependant run-off from:</p> <ul style="list-style-type: none"> - clean, rainfall dependant drainage from areas of the site not used in connection with the storage and/or treatment of waste - run-off from the impermeable surface areas of the site used to store and/or treat waste via suitably well maintained interceptor to surface water (Outlet 1 and Outlet 2) - the hardstanding area, to ground. <p>No visible suspended solids, oil or grease shall be present in the discharge.</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	ABP Cardiff Response to NRW Schedule 5 Notice V1.013.11.2015 Submission Version. <ul style="list-style-type: none"> - Section 2 Beyond Waste Response [Waste Acceptance Procedure] Bullet points 4-6 - Section 3 Beyond Waste Response [Fire Management] - Section 4 Beyond Waste Responses [Odour Management] 	13/11/2015
	ABP Cardiff Odour MP Post Schedule 5 Notice Submission v1.2 131115 <ul style="list-style-type: none"> - All parts 	13/11/2015
Response to request for information dated 04/11/15	ABP Cardiff Site Drainage Plan - Full 111215(002)	15/12/2015
	ABP Cardiff Fire Prevention Plan Re-submission v1.2 151215 <ul style="list-style-type: none"> - Section 6 Prevention Action B. Operation controls C. End of day operations - Sections 8-11 Fire Response Plan Fire Alert Procedures Procedures in Event of Fire on Neighbouring sites Emergency fire procedure (Prior to FRS Arrival) <ul style="list-style-type: none"> - Appendix FFP 2: Sources of ignition & Preventative/Mitigation measures <u>To be superseded by the FPMP produced in response on IPC1</u>	15/12/2015
Application	Including: <ul style="list-style-type: none"> • Proposed Mill Scale Layout. Drawing No: 05-01.D03. Dated: September 2022. • Waste Acceptance and Removal Procedure Document Reference: EMS-RD-WARP1. Version 3. Dated: 03/02/2023. 	27/02/2023

Table S1.2 Operating techniques

Description	Parts	Date Received
Response to Schedule 5 Notice (dated: 07/07/2023)	Including: <ul style="list-style-type: none"> Waste Storage & Management Procedure, Document Reference: EMS-RD-WSMP1, Version 4. Waste Monitoring And Inspection Procedure, Document Reference: EMS-RD-MIP1, Version 4. Inspection. Maintenance, & Cleaning Schedule 	10/07/2023
Response to email request for information (dated 27/07/2023)	Including: <ul style="list-style-type: none"> Dust Emissions Management Plan – Associated British Ports, Version 5, dated 31/07/2023. 	31/07/2023
Technical Guidance Document: 'How to comply with your environmental permit'	All relevant sections	N/A
Fire prevention and mitigation plan guidance - Waste Management	All relevant sections	N/A
Fire prevention and mitigation plan	All relevant sections	In line with IPC 1

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC1	<p>The operator shall submit a written Fire prevention and mitigation plan to Natural Resources Wales.</p> <p>The Fire prevention and mitigation plan must be produced in line with the standards set out in GN 16: Fire prevention and mitigation plan guidance – Waste.</p>	3 months after permit issue or otherwise agreed in writing with Natural Resources Wales

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for mill scales, Refuse Derived Fuels (RDF), and wood transfer station

Maximum quantity	The maximum quantity for waste to be accepted on site shall not exceed 120,000 tonnes per year (of which 30,000 tonnes per year can be Mill Scales).
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • sludges • delivered to the site in unmarked, sealed drums
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 03	plant-tissue waste
02 01 07	wastes from forestry
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from the iron and steel industry
10 02 10	mill scales
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 03	wooden packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	wood
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 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 07	wood other than that mentioned in 19 12 06
19 12 10	combustible waste (refuse derived fuel)
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 38	wood other than that mentioned in 20 01 37

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

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	
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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 Natural Resources Wales 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.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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.

“nearest sensitive receptor” means the nearest place to the permitted activities where people are likely to be for prolonged periods. This term would therefore apply to dwellings (including any associated gardens) and to many types of workplace. We would not normally regard a place where people are likely to be present for less than 6 hours at one time as being a sensitive receptor. The term does not apply to those controlling the permitted facility, their staff when they are at work or to visitors to the facility as their health is covered by Health and Safety at Work legislation. NB The term would apply to dwellings occupied by the family of those controlling the permitted facility

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

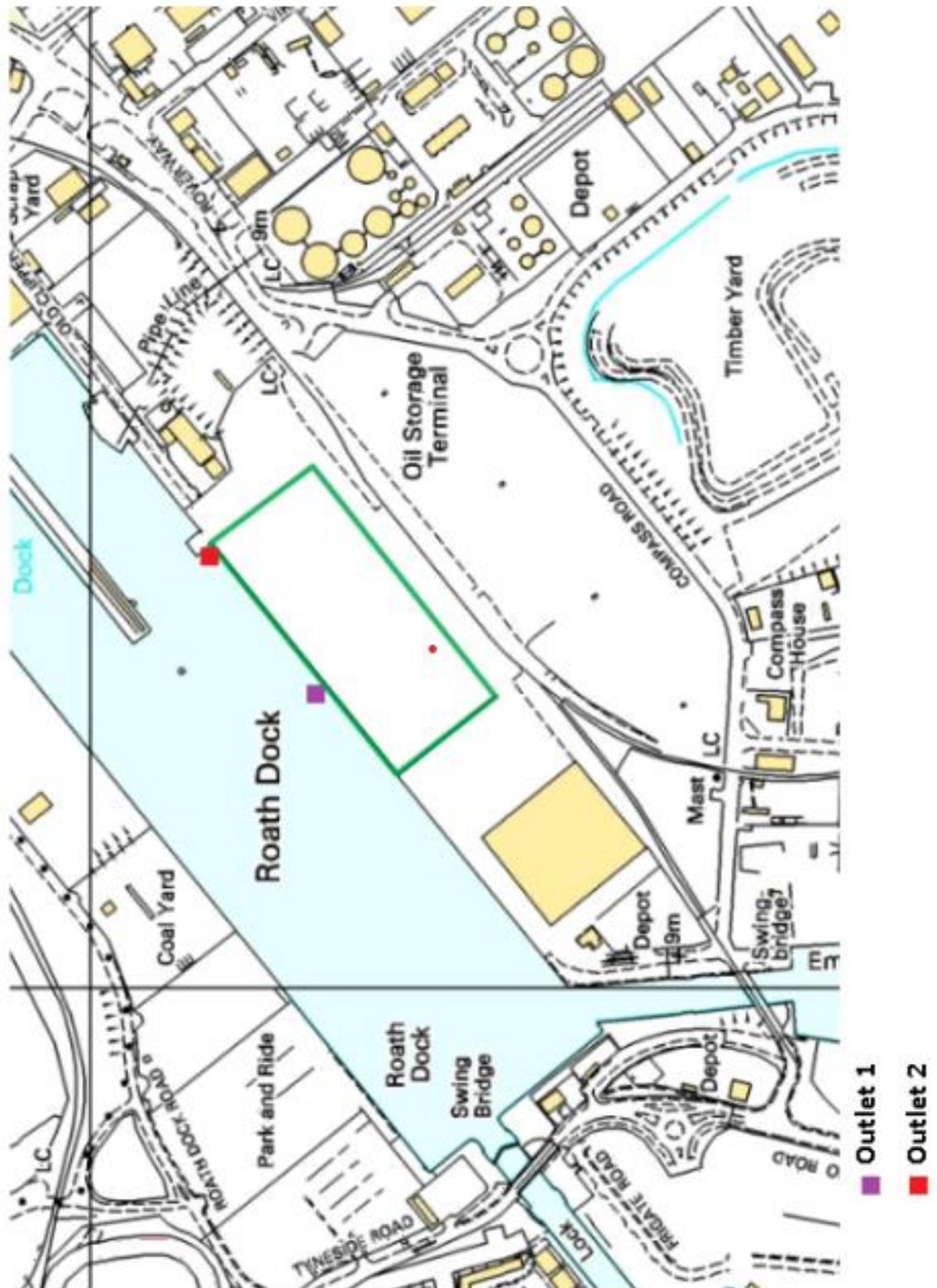
“Treated wood” any wood that that has been chemically treated or made into some form of panelboard.

“waste code” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) 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.

“year” means calendar year ending 31 December.

Schedule 7 - Site plan



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END OF PERMIT

