

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

East Bank Road Treatment Facility

G D Environmental Services Limited
Units 18A and 19
East Bank Road
Felnex Industrial Estate
Newport
NP19 4PP

Variation notice number
EA/EPR/XP3833UB/V004

Permit number
EPR/XP3833UB

East Bank Road Treatment Facility

Permit number EPR/XP3833UB

Introductory note

This introductory note does not form a part of the notice

This variation notice varies and consolidates an environmental permit. It upgrades the existing permit for the facility to current Environment Agency permit template conditions and consolidates the original permit and subsequent variations into a single document. This variation notice also serves to:

- (a) re-introduce emission point S1 (discharge to sewer) and require flow monitoring for this emission point;
- (b) amend the site plan;
- (c) introduce an improvement condition requiring the Operator to submit and implement proposals for the characterisation and monitoring of the discharge from emission point S1;
- (d) re-introduce a condition requiring MCERTS certified/accredited flow monitoring at S1. The requirement will apply from the specified date;
- (e) introduce an improvement condition requiring the Operator to evaluate the effectiveness of the Facility's waste treatment process for treating the wastes authorised for acceptance by the Permit and act on that evaluation by a specified date;
- (f) introduce an improvement condition requiring the Operator to submit and implement pre-acceptance and acceptance procedures for permitted wastes by a specified date;
- (g) amend the reporting requirements so as to avoid duplication with Pollution Inventory reporting requirements.

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

Status log of the permit		
Description	Date	Comments
Application EPR/XP3838UB/A001	Duly made 31/01/2007	Application for oily water treatment facility and hazardous waste transfer station.
Permit determined	04/01/2008	Permit issued to GD Environmental Services Limited
Application for variation received EPR/XP3833UB/V002	08/06/2009	Application for additional wastes to be permitted for treatment at the facility. Update of company registered address
Variation EPR/XP3833UB/V002 issued	30/07/2009	Variation issued to GD Environmental Services Limited
Application for variation received EPR/XP3833UB/V003	12/12/2011	Application for administrative variation to permit additional wastes for treatment at the facility.
Variation EPR/XP3833UB/V003 issued	31/01/2012	
Agency initiated variation raised EPR/XP3833UB/V004	22/02/2012	Environment Agency-initiated variation to introduce additional requirements and consolidate original permit and subsequent variations.
Variation EPR/XP3833UB/V004 issued	03/07/2012	

Other Part A installation permits relating to this installation

Operator	Permit number	Date of issue
OSS Group Limited	EPR/CP3538MP	29/10/2007

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

permit number

EPR/XP3833UB

issued to

GD Environmental Services Limited (“the operator”)

whose registered office is

c/o Peacheys Chartered Accountants

Laynon House

Mission Court

Newport

NP20 2DW

company registration number **04704681**

to operate part of a regulated facility at

East Bank Road Treatment Facility

Units 18A and 19

East Bank Road

Felnex Industrial Estate

Newport

NP19 4PP

to the extent set out in the schedules.

The Notice shall take effect from 03/07/2012.

Name

Date

Eirian Macdonald

03/07/2012

Authorised on behalf of the Environment Agency

Schedule 1 – varied conditions

All conditions other than 1.1.2, 1.1.3 and 3.3.2 have been varied by the consolidated permit EPR/XP3833UB as a result of Environment Agency-initiated variation in order to align the permit with the conditions of our current permit template. Existing permit conditions have been replaced with new versions of those conditions where they exist in our current permit template. In addition, a number of conditions have been removed because they no longer appear in our permit template and the following conditions have been added because they now appear in our permit template:

- 1.1.4
- 2.3.1(b)
- 2.4.1
- 4.3.5
- 4.3.7
- 4.4.2

In addition, improvement conditions IC13, IC14 and IC15 have been added. Schedules 3 and 4 have been amended.

Schedule 2 – consolidated permit

The consolidated permit EPR/XP3833UB is attached.

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

East Bank Road Treatment Facility

G.D. Environmental Services Limited
Units 18A and 19 East Bank Road
Felnex Industrial Estate
Newport
NP19 4PP

Permit number
EPR/XP3833UB

East Bank Road Treatment Facility

Permit number EPR/XP3833UB

Introductory note

This introductory note does not form a part of the permit

East Bank Road Treatment Facility is located on the Felnex Industrial Estate, near to the East bank of the River Usk, South of Newport city centre. The centre of the facility is located approximately at National Grid Reference ST 3252 8581. Access to the facility is from East Bank Road.

The facility carries out both waste storage and treatment operations. The treatment operations consist of separation of oil from oil/water mixtures by gravity separation. The oil is subsequently transported to other facilities for re-refining or blending. The aqueous and solid fractions are then centrifuged, with the resultant cake being sent for further treatment elsewhere and the aqueous portion being discharged to sewer. Solid hazardous materials are repackaged where necessary before being sent off-site for recovery or disposal.

Within the installation boundary of the East Bank Road Treatment Facility there is an oil storage tank operated by OSS Group Ltd which shares a tank bund with GD Environmental Services Limited. The OSS oil storage tank and the G D Environmental Services infrastructure are part of the same installation. The OSS Group oil storage tank is subject to a separate permit held by OSS Group Ltd with the reference EPR/CP3538MP. The River Usk, a protected conservation site, located 200 metres from the installation.

The main emissions to air are from the tank vents (point-sources) and manways during de-sludging (fugitive sources). The emissions consist of Class A and B VOCs, hydrogen sulphide and ammonia. There is also a single point-source emission to sewer but there are no emissions to water or land.

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/XP3838UB/A001	Duly made 31/01/2007	Application for oily water treatment facility and hazardous waste transfer station.
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Variation EPR/XP3833UB/V003 issued	31/01/2012	
Agency initiated variation raised EPR/XP3833UB/V004	22/02/2012	Environment Agency-initiated variation to introduce additional requirements and consolidate original permit and subsequent variations.
Variation and consolidation EPR/XP3833UB/V004 issued	03/07/2012	

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
OSS Group Limited	EPR/CP3538MP	29/10/2007

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/XP3833UB

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

GD Environmental Services Limited (“the operator”)

whose registered office is

c/o Peacheys Chartered Accountants

Laynon House

Mission Court

Newport

NP20 2DW

company registration number **04704681**

to operate part of a regulated facility at

East Bank Road Treatment Facility

Units 18A and 19

East Bank Road

Felnex Industrial Estate

Newport

NP19 4PP

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

Name	Date
Eirian Macdonald	03/07/2012

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.

1.5 Multiple operator installations

1.5.1 Where the operator notifies the Environment Agency under condition 4.3.1(a) or 4.3.1(c), the operator shall also notify without delay the other operator(s) of the installation of the same information.

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”).

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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 but excluding the land edged in red.

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 the Environment Agency.

- (b) 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 specified in schedule 1, table S1.2 or otherwise required under this permit, 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.

2.3.2 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1, S2.2, S2.3 or S2.4; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.3 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.

2.3.4 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.

2.4 Technical requirements

Hazardous waste storage and treatment

2.4.1 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.

2.5 Improvement programme

2.5.1 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 the Environment Agency.

2.5.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

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 tables S3.1 and S3.2.

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

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 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 Monitoring

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

(a) point-source emissions specified in table S3.2;

3.3.2 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.

3.3.3 From 31st December 2012, monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.3.4 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 S3.2 unless otherwise agreed in writing by the Environment Agency.

3.4 Odour

- 3.4.1 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.

3.5 Noise and vibration

- 3.5.1 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.

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 review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.
- 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 3 table S3.2;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; 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 The Environment Agency 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
 - (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 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 “without delay”, in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 Activities

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S5.3 A1(a)	Disposal of hazardous waste (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day	<p>Storage, repackaging and bulking up of hazardous solid waste prior to its dispatch off-site for disposal (D1, D6 and D9).</p> <p>From receipt of hazardous solid waste, as defined in Schedule 2 Table S2.1, to its dispatch off-site, including storage in sealed skips. The total maximum quantity of hazardous solid waste, as defined in Table S2.1, which may be subject to repackaging and bulking up at the facility pending off-site recovery and disposal is 2,000 tonnes per annum.</p> <p>Storage, blending and treatment of hazardous liquid waste prior to its dispatch off-site for disposal (D1, D6, and D9).</p> <p>From receipt of hazardous liquid waste, as defined in Schedule 2 Table S2.2, to its dispatch off-site, including storage. The total maximum quantity of hazardous liquid waste, as defined in Table S2.2, which may be subject to blending and treatment at the facility pending off-site recovery and disposal is 16,000 tonnes per annum.</p>
Section 5.3 Part A(1)(b)	The disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	Storage, blending and dewatering of waste oil prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6, and D9). From receipt of hazardous waste oil, as defined in Schedule 2 Table S2.3, to its dispatch off-site for recovery or disposal, including storage. The total maximum quantity of hazardous waste oil, as defined in Table S2.3, which may be subject to blending and dewatering at the facility pending off-site recovery and disposal is 22,850 tonnes per annum.
Directly Associated Activity		
Recovery of hazardous waste	Storage, repackaging and bulking of hazardous solid waste prior to its dispatch off-site for recovery (R3, R13).	From receipt of hazardous solid waste, as defined in Schedule 2 Table S2.1, to its dispatch off-site, including storage in sealed skips. The total maximum quantity of hazardous solid waste, as defined in Table S2.1, which may be subject to repackaging and bulking up at the facility pending off-site recovery and disposal is 2,000 tonnes per annum.

Table S1.1 Activities

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Recovery of hazardous waste	Storage, blending and treatment of hazardous liquid waste prior to its dispatch off-site for recovery (R3, R13).	From receipt of hazardous liquid waste, as defined in Schedule 2 Table S2.2, to its dispatch off-site, including storage. The total maximum quantity of hazardous liquid waste, as defined in Table S2.2, which may be subject to blending and treatment at the facility pending off-site recovery and disposal is 16,000 tonnes per annum.
Recovery and disposal of non-hazardous waste	Storage, blending and treatment of non-hazardous waste prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6, and D9)	From receipt of non-hazardous waste, as defined in Schedule 2 Table S2.4, to its dispatch off-site for recovery or disposal, including storage. The total maximum quantity of non-hazardous waste, as defined in Table S2.4, which may be subject to blending and treatment at the facility pending off-site recovery and disposal is 10,000 tonnes per annum.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to sections B2.1 and B2.2 excluding B2.1.1 in the Application.	31/01/2007
Environment Agency approved responses to improvement conditions IC13, IC14 and IC15.	All	In accordance with the deadlines specified in Table S1.3

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	The Operator shall undertake a waste minimisation audit in accordance with Section 2.4.2 of Sector Guidance Note IPPC S5.06, dated December 2004. The audit shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/04/2008 COMPLETED
IC2	The Operator shall undertake an water efficiency audit in accordance with Section 2.4.3 of Sector Guidance Note IPPC S5.06, dated December 2004. The audit shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/05/2008 COMPLETED

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC3	The Operator shall ensure that a maintenance and inspection programme of impervious surfaces and containment kerbs is established in accordance with Section 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004.	01/05/2008 COMPLETED
IC4	The Operator shall review pipe work locking systems so as to prevent material being offloaded into the tanks belonging to the other operator of the installation. The review shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/05/2008 COMPLETED
IC5	The Operator shall ensure that a review of the design, method of construction and integrity of all bunds and adjoining pipework surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds and adjoining pipework against the standards set out in Section 2.2.5 of Sector Guidance Note IPPC S5.06 dated December 2004, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of < 25 m ³ (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m ³ (ISBN: 0 86017 476X).	01/05/2008 COMPLETED
	The review shall include: <ul style="list-style-type: none"> the physical condition of the bunds, their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and suggested preventative maintenance & inspection regime, <p>A written report of the review shall be submitted to the Agency detailing the review's findings and recommendations.</p> <p>Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	01/11/2008 COMPLETED

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC6	<p>The Operator shall ensure that a review of the integrity of the reception pit, dig out pit, all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004 be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Agency detailing the reviews findings and recommendations.</p> <p>Remedial action shall be taken to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	<p>01/05/2008 COMPLETED</p> <p>01/11/2008 COMPLETED</p>
IC7	<p>The Operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater. The review shall include:</p> <ul style="list-style-type: none"> • consideration of the principles set out in PPG 18 – Managing Fire-water and major spillages. • Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Agency. The report shall include timescales for the Operator to implement the improvements.</p>	<p>01/05/2008 COMPLETED</p>
IC8	<p>The Operator shall develop a written Accident Management Plan, which shall include the likelihood and consequence of accidents, actions to prevent accidents and mitigation of consequences. The procedure shall take account of the principles specified in Section 2.8 of Sector Guidance Note IPPC S5.06, dated December 2004.</p>	<p>01/06/2008 COMPLETED</p>
IC9	<p>The Operator shall consider the subsurface structures present at the site in relation to their potential to cause fugitive emissions to surface and ground water. The assessment will take into account the requirements of Section 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004. A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be submitted to the Agency for approval in writing.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the report.</p>	<p>01/08/2008 COMPLETED</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC10	<p>The Operator shall undertake an assessment of the efficiency of the treatment process for oil sludges in accordance with Section 2.1.4 of Sector Guidance Note IPPC S5.06, dated December 2004. This assessment should identify the amount of removal or partition of substances within the process</p> <p>The report shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.</p>	01/08/2008 COMPLETED
IC11	<p>A written report considering discharges to sewer shall be submitted to the Agency for approval. The report shall include, but need not be restricted to:</p> <ul style="list-style-type: none">• Summary of the events that could cause a release which could adversely effect the sewage treatment works and what actions (e.g. holding tanks, monitoring, batch release etc.) and actions that should be taken to prevent this;• An assessment of the impact of discharges to sewer using H1 methodology• Any improvements identified, where appropriate the report shall contain different dates for implementing different measures.	01/10/2008 COMPLETED
IC12	<p>The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of Sector Guidance Note IPPC S5.06, dated December 2004.</p> <p>Upon completion of the plan, a summary shall be submitted to the Agency in writing.</p>	01/11/2008 COMPLETED

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC13	<p>The Operator shall:</p> <p>(a) Undertake a written evaluation of the effectiveness of the treatment processes currently available at the Facility to treat the hazardous liquid wastes listed in Schedule 2 Table S2.2 and the non-hazardous wastes listed in Schedule 2 Table S2.4 of this permit. This evaluation shall be submitted to the Environment Agency for approval. Should the approved evaluation find that the available processes provide ineffective treatment for any of the listed wastes then the Operator shall ensure that the written evaluation includes either:</p> <p>(i) written proposals for changes to the treatment processes available at the Facility such that the wastes in question may be effectively treated. The proposals shall specify the date by which such changes will be implemented and the date shall be fully justified; or</p> <p>(ii) written proposals for ending the acceptance of wastes for which no effective treatment is available at the Facility. The proposals shall specify the date by which each waste will no longer be accepted and each date shall be fully justified.</p> <p>(b) Implement the proposals set out in the written evaluation in accordance with the written approval of the Environment Agency.</p>	<p>In respect of (a), 31/12/12</p> <p>In respect of (b), in accordance with the written approval of the Environment Agency.</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC14	The Operator shall:	
	(a) Submit to the Environment Agency for approval written waste pre-acceptance and acceptance procedures which accord with the requirements of Sections 2.1.1 and 2.1.2 of Environment Agency Sector Guidance Note IPPC S5.06 – Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste. The Operator shall include a proposed date for the implementation of these procedures and the date shall be fully justified;	In respect of (a), 03/10/12
	(b) Implement the waste pre-acceptance and acceptance procedures in accordance with the written approval of the Environment Agency.	In respect of (b), in accordance with the written approval of the Environment Agency

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC15	<p>The Operator shall:</p> <p>(a) Submit to the Environment Agency for approval written proposals for the full characterisation and monitoring of the discharge to sewer made from emission point S1. The proposals shall:</p> <ul style="list-style-type: none"> • identify the likely constituents of the discharge based on full characterisation of all potential incoming wastes; • specify arrangements for the monitoring of all identified potential constituents of the discharge, including: <ul style="list-style-type: none"> ○ the substances/parameters to be monitored and their respective units of measurement; ○ the reference period applicable for each substance/parameter measurement; ○ the frequency of sampling and analysis; ○ the methods and techniques to be employed for sampling and analysis, including any relevant monitoring standards/methods; • specify arrangements for the reporting of monitoring data; • specify a date by which the proposed characterisation and monitoring shall be implemented and this date shall be fully justified; <p>(b) Implement the proposals in accordance with the written approval of the Environment Agency.</p>	<p>In respect of (a), 03/10/12</p> <p>In respect of (b), in accordance with the written approval of the Environment Agency</p>

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Hazardous solid waste types and quantities permitted for storage in sealed skips

Maximum quantity permitted for storage at any time 100 tonnes

Waste code	Description
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
03 02 05*	other wood preservatives containing dangerous substances
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 02 14*	wastes from finishing containing organic solvents
04 02 16*	dyestuffs and pigments containing dangerous substances
05 01 15*	spent filter clays
06 13 04*	wastes from asbestos processing
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
10 01 04*	oil fly ash and boiler dust
10 01 13*	fly ash from emulsified hydrocarbons used as fuel
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances
10 01 16*	fly ash from co-incineration containing dangerous substances
10 01 18*	wastes from gas cleaning containing dangerous substances
10 02 07*	solid wastes from gas treatment containing dangerous substances
10 02 11*	wastes from cooling-water treatment containing oil
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances
10 13 09*	wastes from asbestos-cement manufacture containing asbestos
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
16 02 12*	discarded equipment containing free asbestos
16 03 03*	inorganic wastes containing dangerous substances
16 03 05*	organic wastes containing dangerous substances
16 06 01*	lead batteries
16 07 08*	wastes containing oil
16 11 01*	carbon-based linings and refractories from metallurgical processes containing dangerous substances

Table S2.1 Hazardous solid waste types and quantities permitted for storage in sealed skips**Maximum quantity permitted for storage at any 100 tonnes
time**

Waste code	Description
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances
17 03 01*	bituminous mixtures containing coal tar
17 04 09*	metal waste contaminated with dangerous substances
17 05 03*	soil and stones containing dangerous substances
17 06 01*	insulation materials containing asbestos
17 06 03*	other insulation materials consisting of or containing dangerous substances
17 06 05*	construction materials containing asbestos
17 08 01*	gypsum-based construction materials contaminated with dangerous substances
17 08 02*	gypsum-based construction materials other than those mentioned in 17 08 01
19 03 04*	wastes marked as hazardous, partly stabilised
19 03 06*	wastes marked as hazardous, solidified
19 04 02*	fly ash and other flue-gas treatment wastes
19 04 03*	non-vitrified solid phase
19 10 03*	fluff-light fraction and dust containing dangerous substances
19 10 05*	other fractions containing dangerous substances
19 11 07*	wastes from flue-gas cleaning
19 12 06*	wood containing dangerous substances
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 13 01*	solid wastes from soil remediation containing dangerous substances
20 01 23*	discarded equipment containing chlorofluorocarbons
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 dangerous substances

Table S2.2 Hazardous liquid waste types and quantities permitted for storage and treatment**Maximum quantity permitted for storage at any time 442 tonnes**

Waste code	Description
01 05 05*	oil-containing drilling muds and wastes
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
06 05 02*	sludges from on-site effluent treatment containing dangerous substances
07 06 11*	sludges from on-site effluent treatment containing dangerous substances
08 03 19*	disperse oil
10 01 04*	oil fly ash and boiler dust
10 02 11*	wastes from cooling-water treatment containing oil
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
13 01 01*	hydraulic oils, containing PCBs
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16 01 14*	antifreeze fluids containing dangerous substances
16 07 08*	wastes containing oil
19 07 02*	landfill leachate containing dangerous substances
19 08 09*	grease and oil mixture from oil/water separation containing edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11 04*	wastes from cleaning of fuel with bases
20 01 27*	paint, inks, adhesives and resins containing dangerous substances

Table S2.3 Hazardous waste oil types and quantities permitted for storage and treatment**Maximum quantity permitted for storage at any time 442 tonnes**

Waste code	Description
01 05 05*	oil-containing drilling muds and wastes
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
06 05 02*	sludges from on-site effluent treatment containing dangerous substances
07 06 11*	sludges from on-site effluent treatment containing dangerous substances
08 03 19*	disperse oil
10 01 04*	oil fly ash and boiler dust
10 02 11*	wastes from cooling-water treatment containing oil
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
13 01 01*	hydraulic oils, containing PCBs containing PCBs (up to a maximum of 10ppm)
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16 05 04*	gases in pressure containers (including halons) containing dangerous substances
16 05 05*	gases in pressure containers other than those mentioned in 16 05 04
16 07 08*	wastes containing oil
19 07 02*	landfill leachate containing dangerous substances
19 08 09*	grease and oil mixture from oil/water separation containing edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11 04*	wastes from cleaning of fuel with bases

Table S2.4 Non-hazardous waste types and quantities permitted for storage and treatment**Maximum quantity permitted for storage at any time 150 tonnes**

Waste code	Description
02 01 01	sludges from washing and cleaning
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 06 03	sludges from on-site effluent treatment
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
08 02 02	aqueous sludges containing ceramic materials
10 13 14	waste concrete and concrete sludge
19 07 03	landfill leachate other than those mentioned in 19 07 02
20 01 25	edible oil and fat
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning

Schedule 3 – Emissions and monitoring

Table S3.1 Point-source emissions to air – emission limits and monitoring requirements

Emission point reference and location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
Tank vents	Liquid waste tanks	No parameters set	No limit set	-	-	Permanent sampling access not required

Table S3.2 Point-source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements

Emission point reference and location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7 (emission to public foul sewer)	Site effluent treatment plant	Flow	No limit set	Daily average per calendar month	Continuous	Flow meter

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
Flow	S1	Every three months	01 Jan, 01 Apr, 01 Jul, 01 Oct

Table S4.2 Reporting forms

Medium/parameter	Reporting format	Date of form
Sewer	Form Sewer 1 or other form as agreed in writing by the Environment Agency	31/03/2012

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	
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
All parameters required to be notified as a result of condition 4.3.1 of this Permit.	Verbal as soon as practically possible and written confirmation within 24 hours

(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.

“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 2010 No.675 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 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 given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“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.

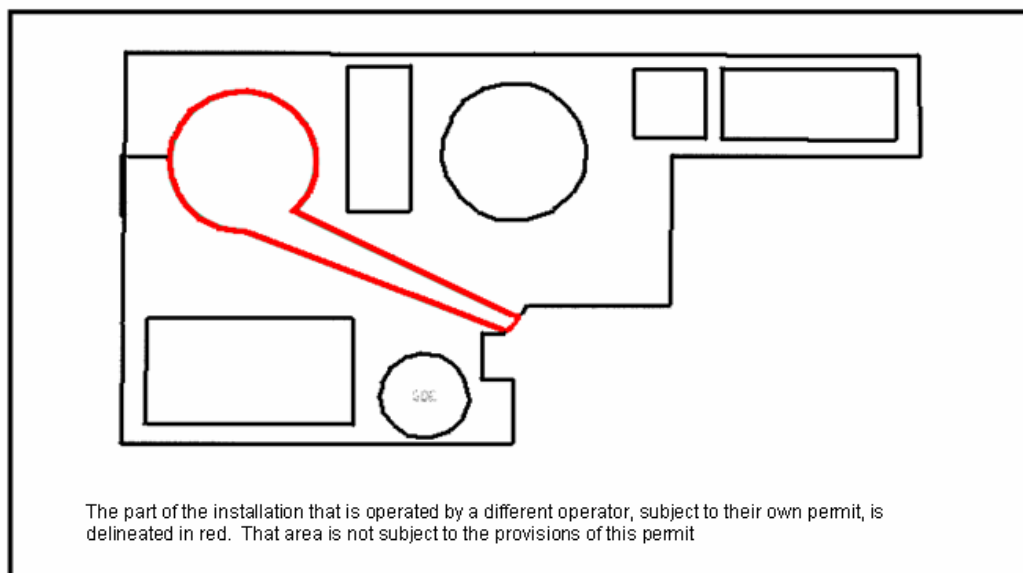
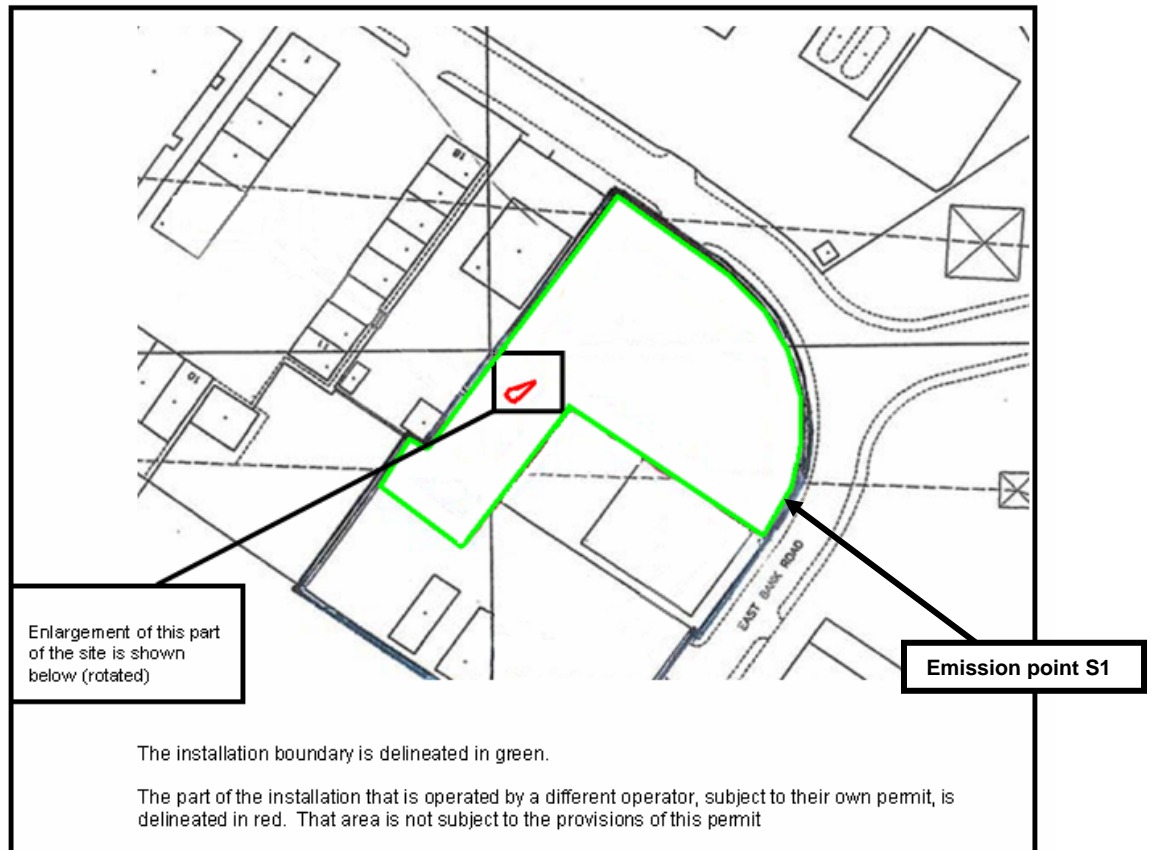
“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, 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



– End of permit –