



ENVIRONMENT  
AGENCY

## Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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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  
XP3833UB

# East Bank Road Treatment Facility

## Permit Number XP3833UB

### Introductory note

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

The main features of the installation are as follows.

East Bank Road Treatment Facility is in Felnax Industrial Estate which is near to the East bank of the River Usk, South of Newport City Centre. The centre of the site is located approximately at National Grid Reference ST 32528581. Access to the site is from East Bank Road.

The installation carries out both waste keeping 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 solids fraction is 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 transported to recovery or disposal elsewhere.

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 those of the GD Environmental Services Limited. This is subject to a separate permit reference CP3538MP.

There is a European Habitat site and a Site of Special Scientific Interest, known as the River Usk located 200 metres from the installation. No aspect of the proposed permission is likely to have an impact on this SSSI as there are minimal emissions from site which are unlikely to impact upon the SSSI.

The main emissions to air are from the tank vent (point sources) and manways during desludging (fugitive sources), and consist of Class A and B VOCs, hydrogen sulphide and ammonia.

Status Log of the permit		
Detail	Date	Response Date
Application XP3833UB	Duly made 31/01/2007	
Permit determined	04/01/2008	

Other PPC permits relating to this installation		
Operator	Permit Number	Date of Issue
OSS Group Ltd	CP3538MP	29/10/2007

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation			
Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Marine and Industrial Ltd	Waste Management Licence 071/92 (EAWML/30071)	30/10/1993	Partially superseded

The waste management licence shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the licence is authorised by this permit.

Other existing Licences/Authorisations/Registrations relating to this site		
Holder	Reference Number	Date of issue
Marine and Industrial Ltd	Waste Manangement Licence 071/1992 (EAWML/30071)	30/10/1993

End of Introductory Note

## Permit

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Permit

Permit number

**XP3833UB**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby authorises

**G.D. Environmental Services Limited** ("the operator"),

whose registered office (or principal office) is

**19 East Bank Road**

**Felnex Industrial Estate**

**Newport**

**NP19 4PP**

company registration number **04704681**

to operate part of an installation 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.

Signed

Date

	4 <sup>th</sup> January 2008
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**G. Bown**

Authorised to sign on behalf of the Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
  - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 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.

### 1.2 Accident management plan

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
  - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
  - (c) make any appropriate changes to the plan identified by a review.

### 1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every 4 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.

### 1.4 Efficient use of raw materials

- 1.4.1 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 4 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 appropriate further measures identified by a review.

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

### **1.5.1 The operator shall:**

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **1.6 Site security**

- 1.6.1 Site security measures shall prevent unauthorised access to the site, as far as practicable.

## **1.7 Multiple operator installations**

- 1.7.1 Where the operator notifies the 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 authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

## **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 2 to this permit, which is within the area edged in red on the site plan that represents the extent of the installation covered by this permit and that/those of (the) other operator(s) of the installation.

## **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 Agency.

- 2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 3 tables S3.2, S3.3, S3.4 and S3.5; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 Records shall be kept of all waste accepted onto the site.
- 2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:
- The nature of the process producing the waste
  - The composition of the waste
  - The handling requirements of the waste
  - The hazard classification associated with the waste
  - The waste code of the waste
- 2.3.6 The Operator shall ensure that where waste produced at the Permitted Installations is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Off-site conditions**

There are no off-site conditions under this section.

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

## **2.6 Pre-operational conditions**

- 2.6.1 There are no pre-operational conditions in this permit..

## **2.7 Closure and decommissioning**

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.
- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **2.8 Site protection and monitoring programme**

- 2.8.1 The operator shall, within 2 months of the issue of this permit, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

## **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 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.

### **3.2 Transfers off-site**

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

### **3.3 Fugitive emissions of substances**

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including those specified in schedule 1 table S1.4, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable
- 3.3.4 All liquids, 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.

### **3.4 Odour**

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in schedule 1 table S1.5, 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 annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate to prevent or where that is not practicable to minimise the noise and vibration.

### **3.6 Monitoring**

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1, S4.2 and S4.3;
- 3.6.2 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.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.
- 3.6.5 Within 6 months of the issue of this permit (unless otherwise agreed in writing by the Agency) the site reference data identified in the site protection and monitoring programme shall be collected and submitted to the Agency.

## **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 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) the site protection and monitoring programme.
- 4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

- 4.1.3 All records required to be held by this permit shall be held on the site and shall be available for inspection by the Agency at any reasonable time.

## **4.2 Reporting**

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the 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 this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
  - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
  - (c) the annual production /treatment data set out in schedule 5 table S5.2;
  - (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
  - (e) details of any contamination or decontamination of the site which has occurred.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the 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 5 table S5.1;
  - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 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.
- 4.2.4 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency
- 4.2.5 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

## **4.3 Notifications**

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;

- (b) the breach of a limit specified in the permit;
  - (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 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
  - (a) as soon as practicable prior to the permanent cessation of any of the activities;
  - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
  - (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
  - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

# Schedule 1 - Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the PPC 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	Storage, repackaging and bulking of solid hazardous waste solids despatch for further treatment, including recovery activities R3, R13 and disposal activities D1, D6, and D9.	From receipt of waste solids as defined in Schedule 3, Table S3.2 to dispatch of waste solids, including storage in sealed skips in the areas identified in Schedule 2. The maximum throughput is 2,000 tonnes/year
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	Storage, blending and treatment of waste liquids; despatch for further treatment, including recovery activities R3, R13 and disposal activities D1, D6, and D9.	From receipt of waste as defined in Schedule 3, Table S3.3 to dispatch of waste, including storage in the areas identified in Schedule 2. The maximum throughput is 16,000 tonnes/year
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; despatch for further treatment, including recovery activities R3, R13 and disposal activities D1, D6, and D9.	From receipt of waste as defined in Schedule 3, Table S3.4 to dispatch of waste oil, including storage in the areas identified in Schedule 2. The maximum throughput is 22,850 tonnes/year
<b>Directly Associated Activity</b>		
Disposal of non-hazardous waste liquids	Storage, blending and treatment of waste liquids; despatch for further treatment, including recovery activities R3, R13 and disposal activities D1, D6, and D9	From receipt of waste as defined in Schedule 3, Table S3.5 to dispatch of waste, including storage in the areas identified in Schedule 2.

Description	Parts	Date Received
Application	The response to sections B2.1 and B2.2 excluding B2.1.1 in the Application.	31/01/2007

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.	By 01/04/2008
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.	By 01/05/2008
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.	By 01/05/2008
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.	By 01/05/2008

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC5	<p>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 &lt; 25 m3 (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 &gt; 25 m3 (ISBN: 0 86017 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> <li>▪ the physical condition of the bunds,</li> <li>▪ their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure,</li> <li>▪ any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and</li> <li>▪ suggested preventative maintenance &amp; inspection regime,</li> </ul> <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>	By 01/05/2008
		By 01/11/2008
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>	By 01/05/2008
		By 01/11/2008
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"> <li>➤ consideration of the principles set out in PPG 18 – Managing Fire-water and major spillages.</li> <li>➤ Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater</li> </ul> <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>	By 01/05/2008
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>	By 01/06/2008
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>	By 01/08/2008

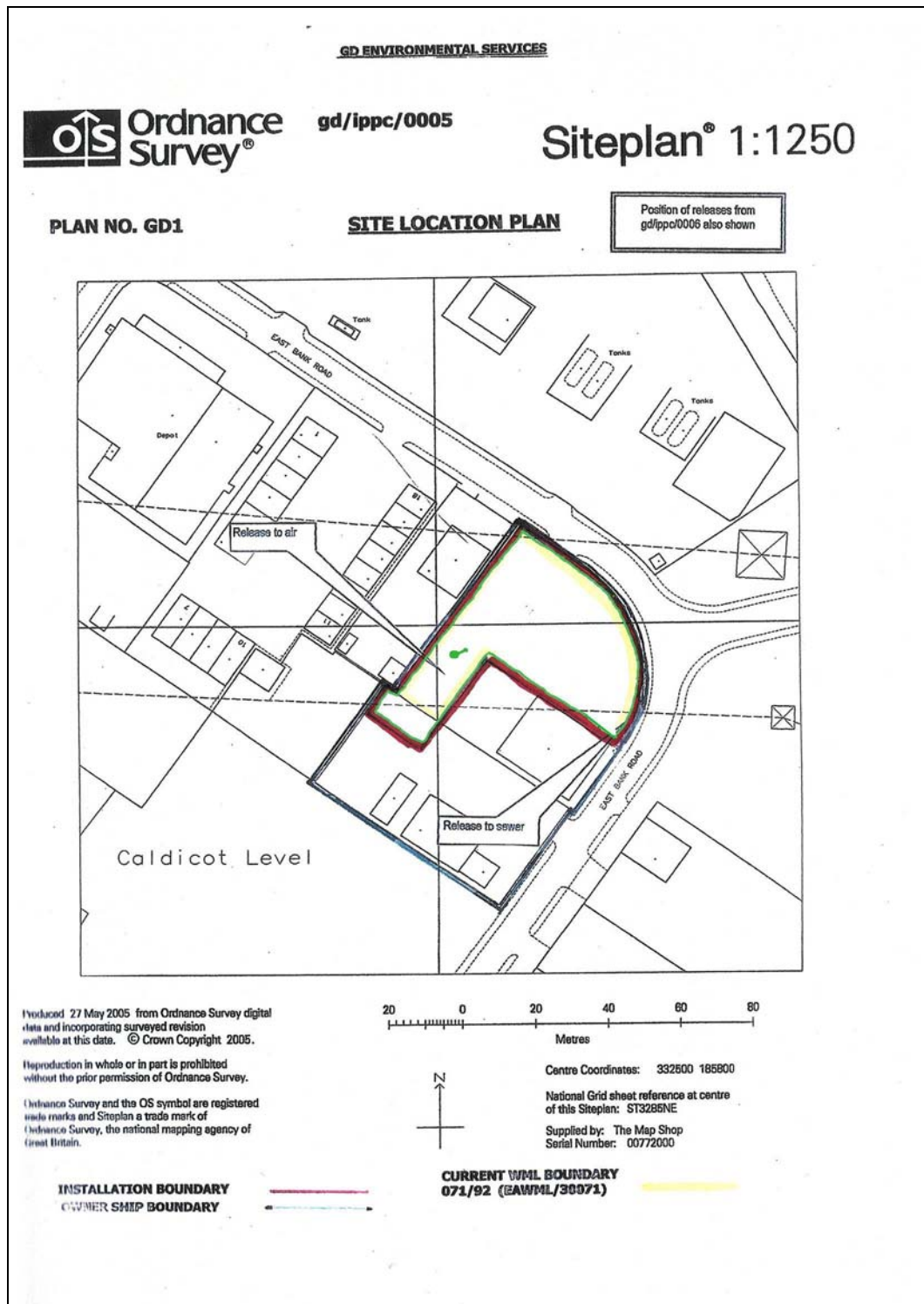
Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC10	<p>The Operator shall undertake an assessment of the efficiency of the treatment process for oil sludges in accordance with Section 2.1.4 of Sector Guidance Note IPPC S5.06, dated December 2004. This assessment should identify 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>	By 01/08/2008
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"> <li>• 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;</li> <li>• An assessment of the impact of discharges to sewer using H1 methodology</li> <li>• Any improvements identified, where appropriate the report shall contain different dates for implementing different measures.</li> </ul>	By 01/10/2008
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>	By 01/11/2008
IC13	<p>The Operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard.</p> <p>A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Agency</p>	By 01/02/2009

Table S1.4 Appropriate measures for fugitive emissions	
Measure	Dates
<p>A fugitive emission management plan shall be submitted to the Agency, detailing the measures to be used to control fugitive emissions from tank vents and shall be in accordance with section 2.2.4 of Sector Guidance Note IPPC S5.06, December 2004.</p> <p>The plan shall be implemented by the operator within 3 months from the date of approval in writing by the Agency.</p>	By 01/02/2009

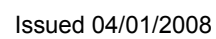
Table S1.5 Appropriate measures for odour	
Measure	Dates
<p>An odour management plan shall be submitted to the Agency, detailing the measures to be used to control emissions of odour and shall be in accordance with Appendix 7 (template for an odour management plan) of Horizontal Guidance Note H4 (Horizontal Guidance for Odour (Part 1)).</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Agency</p>	By 01/02/2009

## Schedule 2 - Site plan

Site Location Plan, Reference GD1 East Bank Road Treatment Facility



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## Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Table S3.2 Permitted waste types and quantities for storage of solid wastes in skips	
Maximum quantity	Storage of 100 tonnes at any one time
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
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 10*	packaging containing residues of or contaminated by dangerous substances
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 07 08*	wastes containing oil
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
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

**Table S3.2 Permitted waste types and quantities for storage of solid wastes in skips**

Maximum quantity	Storage of 100 tonnes at any one time
Waste code	Description
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 (5) 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 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)
20 01 37*	wood containing dangerous substances

Table S3.3 Permitted waste types and quantities for hazardous waste liquid storage and treatment	
<b>Maximum quantity</b>	Maximum storage 442 tonnes at any one time
<b>Waste code</b>	<b>Description</b>
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 (1)
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 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 S3.4 Permitted waste types and quantities for oil storage and treatment	
<b>Maximum quantity</b>	Maximum storage 442 tonnes at any one time
<b>Waste code</b>	<b>Description</b>
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 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 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

<b>Table S3.5 Permitted waste types and quantities for non-hazardous waste liquid storage and treatment</b>	
<b>Maximum quantity</b>	Maximum storage 442 tonnes at any one time
<b>Waste code</b>	<b>Description</b>
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
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 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
-	-	-	-	-	-	-

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
-	-	-	-	-	-	-

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 2 emission to Welsh Water Nash Sewage Treatment Works	Flow	Treated aqueous treatment water and site surface water	-	-	Reported as daily average over 1 month	To be agreed with the Agency upon completion of IC13

## Schedule 5 - Reporting

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

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Flow	S1	Every 3 Months	01/02/2008

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWs

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	04/01/2008

## Schedule 6 - 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 PPC Regulations.

### Part A

Permit Number	XP3833UB
Name of operator	East Bank Road Treatment Facility
Location of Installation	Units 18A and 19 East Bank Road Felnex Industrial Estate Newport NP19 4PP
Time and date of the detection	

#### (a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission 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 installation in the preceding 24 months.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of **G.D. Environmental Services Limited**

## Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*authorised officer*" means any person authorised by the 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.

"*emissions to land*", includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is 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.

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify without delay*" and "*notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990

"*site protection and monitoring programme*" means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

"*technically competent management*" and "*technical competence*" shall have the meanings given to them in the Environmental Protection Act 1990.

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.

"*year*" means calendar year ending 31 December.

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:

- (a) 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
- (b) 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

END OF PERMIT