



ENVIRONMENT
AGENCY

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Ocean Terminal

Solvent Resource Management Ltd
Hendon Dock
Sunderland
Tyne and Wear
SR1 2ES

Permit number

EP3435US

Ocean Terminal Permit Number EP3435US

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows:

The site is located at Hendon Dock, approximately 1.5km south of Sunderland adjacent to the North Sea. The site is operated by Solvent Resource Management Limited and comprises two bunded areas containing large storage and mixing tanks, a drum storage area and offices located between the two storage areas and a pipeline for delivering the secondary liquid fuel to transport ships. The site accepts waste oils and waste solvents that are blended to produce secondary liquid fuels (SLF) which are used as alternatives to fossil fuels in the manufacture of cement.

The North bunded area contains four large operational storage tanks (OT3, OT5, OT7 and OT9) containing both waste solvents and oil or SLF and four storage tanks that are not being used currently. The South bunded area contains eight storage tanks (C1 to C8) containing solvents and oils or SLF, and seven mixing tanks (M1 to M7) where the solvents and oils are blended. Drums and IBCs are stored within roll-over bunds.

Surface water is collected in a multi-chamber interceptor and discharged intermittently to the North Sea from a point located in the South Bund. The discharge is monitored and its impact on the North Sea has been assessed and has been found to be negligible. There are no point source emissions to air from the activities other than from the pressure release valves on the tanks. These emissions have been assessed and it is considered that they have negligible impact on the environment. Noise and odour are managed at the site and, given the location of the site within an industrial area and adjacent to the sea, the impact of these is negligible.

Less than 1km to the south of the site is the Northumbria Coast Special Protection Area and Ramsar and the Durham Coast Special Area of Conservation and Site of Special Scientific Interest. The impact of the activities on these habitats has been assessed and has been determined to be negligible.

Status Log of the permit		
Detail	Date	Response Date
Application EP3435US	Duly made 08/05/2007	
Response to Schedule 4 notice	08/08/2007	03/09/2007
Response to request for further information	25/09/2007	26/09/2007
Response to request for further information	17/10/2007	17/10/2007
Permit EP3435US determined	29/10/2007	

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Solvent Resource Management Ltd	Waste management licence TW 306 SL	27/04/1995	Partially
Solvent Resource Management Ltd	Consent to Discharge 255/1129	21/11/1995	Partially

Other existing Licences/Authorisations/Registrations relating to this site

Holder	Reference Number	Date of issue
Solvent Resource Management Ltd	Waste management licence TW 306 SL	27/04/1995
Solvent Resource Management Ltd	Consent to Discharge 255/1129	21/11/1995

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

EP3435US

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

Solvent Resource Management Limited ("the operator"),

whose registered office is

Hendon Dock

Sunderland

Tyne and Wear

SR1 2ES

company registration number **03890526**

to operate an installation at

Ocean Terminal

Hendon Dock

Sunderland

Tyne and Wear

SR1 2ES

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

Signed

Date

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John Baxter

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 Accidents that may cause pollution

- 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 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.

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 red and green on the site plan at schedule 2 to this permit.

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the 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 table S3.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.
- (c) it is only processed in the activity specified in table S1.1 of schedule 1.

- 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(s) 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 Installation(s) 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 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4A have been completed.

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 have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 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 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 measures 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 monitoring for the parameters, at the locations and at not less than the frequencies 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;
 - (b) ambient air monitoring specified in table S4.4.

- 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 and the environmental or other monitoring 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 installation 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 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.
- 4.2.4 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.
- 4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency
- 4.2.6 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.

Climate Change Agreement

- 4.3.10 Where the operator has entered into a climate change agreement with the Government, the 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 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 and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
Section 5.3 A(1)(b) – “The disposal of waste oils (as defined by the Waste Oil Directive) (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.”	Storage of waste oil (R13) Blending of waste oil with other wastes to create secondary liquid fuel (R3) Storage of secondary liquid fuel (R13)	From receipt of waste as specified in table S3.2 of schedule 3 to dispatch of secondary liquid fuel including in-pipe filtration and storage in tanks as shown on drawing reference A4.
Directly Associated Activity		
Storage and blending of wastes	Storage of wastes Blending of wastes to produce secondary liquid fuel Storage of secondary liquid fuel	From receipt of waste to dispatch of secondary liquid fuel including in-pipe filtration and storage in tanks as shown on drawing reference A4.
Surface water management	Collection of surface water drainage in multi-stage interceptor and discharge to the North Sea.	From multi-stage interceptor to point of discharge to the North Sea as shown on drawing reference A6

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EP3435US	The response to sections 2.1 and 2.2 in the Part B application form and excluding sections 2.1.1, 2.1.3, 2.1.5, 2.1.7, 2.1.8, and 2.1.24	09/03/2007
Response to Schedule 4 Notice dated 08/08/2007	The response to question 5, excluding sentence 2, The response to questions 6 to 13 Sentence 1 of the response to question 14	03/09/2007
Response to request for further information (email) dated 25/09/2007	All	26/09/2007
Response to request for further information (emailed site plan) dated 17/10/2007	All	17/10/2007

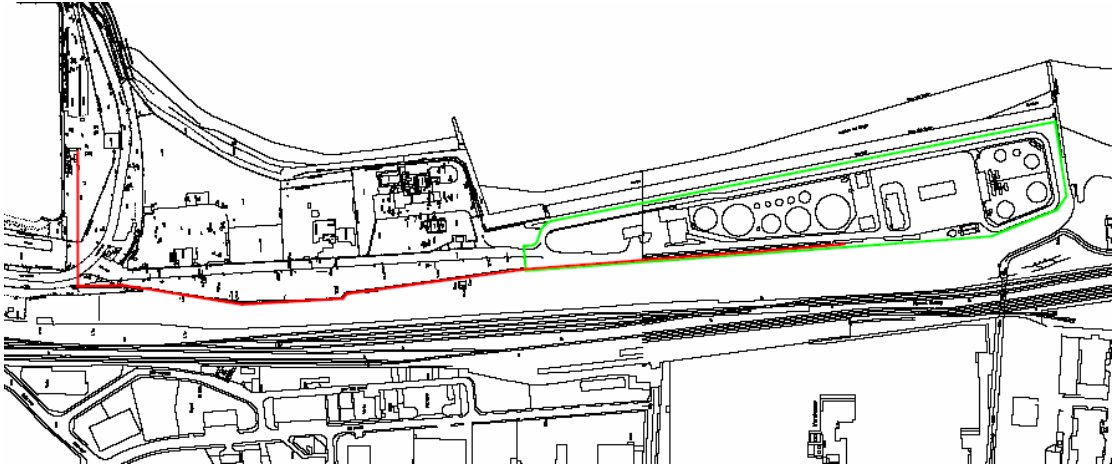
Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP1	The operator shall submit to the Agency a written energy efficiency plan as required by question B2.7.6 of the Part B application form and in accordance with sections 2.7.1 and 2.7.2 of Sector Guidance Note IPPC S5.06, "Guidance for the Recovery and Disposal of Hazardous and Non-hazardous Waste"	01/01/2008
IP2	The operator shall submit a written assessment of the techniques necessary to minimise the risk that flooding may either cause a pollution incident or make one worse.	01/02/2008
IP3	The operator shall submit written details of the testing and inspection of the pollution prevention infrastructure (tanks, bunds and impermeable surfaces) including the methods used and frequency in order to complete the information required by the Application Site Report.. In addition, the operator shall submit a revised assessment of the likelihood of pollution taking into account the testing and inspection programme and confirming whether reference data is required to be collected as part of the Site Protection and Monitoring Programme. This revised assessment shall be submitted in writing to the Agency and agreed in writing by the Agency.	01/12/2007
IP4	The operator shall review and implement written waste acceptance procedures that accord with sections 2.1.1 and 2.1.2 of Sector Guidance Note S5.06, "Guidance for the Recovery and Disposal of Hazardous and Non-hazardous Waste", Environment Agency, December 2004, that include, but are not limited to: <ul style="list-style-type: none"> the sampling and analysis of wastes oils for contamination with PCBs and other chlorinated species; the rejection of unsuitable wastes; the temporary storage and quarantine of rejected wastes prior to removal from site. 	01/02/2008
IP5	The operator shall submit a drawing showing the location of the ambient air monitoring point as described in section 5.1 of document reference A8.	01/02/2008
IP6	The operator shall submit a written Odour Management Plan to the Agency for approval as stated in section 5.10.4 of Attachment A2 of the application that accords with the requirements of Sector Guidance Note S5.06, "Guidance for the Recovery and Disposal of Hazardous and Non-hazardous Waste", Environment Agency, December 2004.	01/05/2008
IP7	The operator shall submit written proposals to the Agency for approval for an abatement system for breathing emissions from the storage and mixing tanks in the North and South bunds that is in accordance with Sector Guidance Note S5.06, "Guidance for the Recovery and Disposal of Hazardous and Non-hazardous Waste", Environment Agency, December 2004, together with a timescale for installation of the system, unless the operator can demonstrate that abatement is not applicable by providing details of the techniques used to prevent emissions in accordance with SGN S5.06 and additional monitoring data that show that the indicative benchmarks are achievable without abatement, and that the Agency has agreed that abatement is not required.	01/05/2008
IP8	The operator shall submit a written report of the assessment of the likelihood of pollution of the ground along the length of the transfer pipeline in accordance with TGN IPPC H7 "Guidance on the Protection of Land Under the PPC Regime: Application Site Report and Site Protection and Monitoring Programme", Environment Agency, August 2003.	01/02/2008

Table S1.4 Pre-operational measures

Reference	Pre-operational measures
1	No activities shall take place until evidence that the nominated technically competent manager holds the required Certificate of Technical Competence from WaMITAB has been submitted to the Agency and the Agency has confirmed that the evidence is satisfactory.
2	No wastes shall be stored in tanks OT2, OT4, OT6 and OT10 until a written review of the integrity of the tanks against the requirements of section 2.1.3 of Sector Guidance Note S5.06, "Guidance for the Recovery and Disposal of Hazardous and Non-hazardous Waste", Environment Agency, December 2004, has been submitted to the Agency together with details of any remedial measures necessary and timescales for implementation of the remedial measures and the Agency has agreed that the tanks can be used.

Schedule 2 - Site plan



Not to scale
Extract from drawing O-LY003

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

Maximum quantity	75,000 tonnes per annum
Waste code	Description
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 02	wastes from spirits distillation
02 07 04	Materials unsuitable for consumption of processing
03 02	wastes from wood preservation
03 02 01*	non-halogenated organic wood preservatives
03 02 02*	organochlorinated wood preservatives
03 02 03*	organometallic wood preservatives
03 02 05*	other wood preservatives containing dangerous substances
04 01	wastes from the leather and fur industry
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 02	wastes from the textile industry
04 02 10	organic matter from natural products (for example grease, wax)
04 02 14*	wastes from finishing containing organic solvents
04 02 16*	dyestuffs and pigments containing dangerous substances
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
05 01	wastes from petroleum refining
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 07*	acid tars
05 01 08*	other tars
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
05 01 10	Sludges from on site treatment other than those mentioned in 05 01 09

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
05 01 12*	oil containing acids
05 01 15*	spent filter clays
05 01 17	bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 01*	acid tars
05 06 03*	other tars
06 07	wastes from the MFSU of halogens and halogen chemical processes
06 07 02*	activated carbon from chlorine production
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 02*	spent activated carbon (except 06 07 02*)
06 13 03	carbon black
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 07*	halogenated still bottoms and reaction residues
07 01 08*	other still bottoms and reaction residues
07 01 09*	halogenated filter cakes and spent absorbents
07 01 10*	other filter cakes and spent absorbents
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 03 09*	halogenated filter cakes and spent absorbents
07 03 10*	other filter cakes and spent absorbents
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquors
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 04 09*	halogenated filter cakes and spent absorbents
07 04 10*	other filter cakes and spent absorbents
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 05 03*	organic halogenated solvents, washing liquids and mother liquors

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
07 05 04*	other organic solvents, washing liquids and mother liquors
07 05 07*	halogenated still bottoms and reaction residues
07 05 08*	other still bottoms and reaction residues
07 05 09*	halogenated filter cakes and spent absorbents
07 05 10*	other filter cakes and spent absorbents
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
07 06 07*	halogenated still bottoms and reaction residues
07 06 08*	other still bottoms and reaction residues
07 06 09*	halogenated filter cakes and spent absorbents
07 06 10*	other filter cakes and spent absorbents
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
07 07 07*	halogenated still bottoms and reaction residues
07 07 08*	other still bottoms and reaction residues
07 07 09*	halogenated filter cakes and spent absorbents
07 07 10*	other filter cakes and spent absorbents
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11*
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13*
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15*
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18	aste from paint or varnish removal other than those mentioned in 08 01 17*
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19*
08 01 21*	waste paint or varnish remover
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 12*	waste ink containing dangerous substances
08 03 13	waste ink other than those mentioned in 08 03 12

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
08 03 14*	ink sludges containing dangerous substances
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 17*	waste printing toner containing dangerous substances
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09*
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11*
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13*
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15*
08 04 17*	rosin oil
09 01	wastes from the photographic industry
09 01 03*	solvent-based developer solutions
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy
10 03 17*	tar-containing wastes from anode manufacture
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 12*	tar-containing wastes from anode manufacture
10 08 19*	wastes from cooling-water treatment containing oil
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 13*	degreasing wastes containing dangerous substances
11 01 14	degreasing wastes other than those mentioned in 11 01 13*
11 01 98*	other wastes containing dangerous substances
11 02	wastes from non-ferrous hydrometallurgical processes

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
11 02 07*	other wastes containing dangerous substances
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 14*	machining sludges containing dangerous substances
12 01 16*	waste blasting material containing dangerous substances
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13 01	waste hydraulic oils
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
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	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
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
13 03	waste insulating and heat transmission oils
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge 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	oil/water separator contents
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
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	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 01*	chlorofluorocarbons, HCFC, HFC (except those banned under the Ozone Depleting Substances Regulations)
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents
14 06 05*	sludges or solid wastes containing other solvents
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	Antifreeze fluids other than those mentioned in 16 01 14*
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing dangerous substances
16 03 05*	organic wastes containing dangerous substances
16 05	gases in pressure containers and discarded chemicals
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 05 09	Discarded chemicals other than those mentioned in 16 05 06*, 16 05 07 or 16 05 08*
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 08	spent catalysts
16 08 06*	spent liquids used as catalysts
16 08 07*	spent catalysts contaminated with dangerous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01*
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03*
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
17 03 03*	coal tar and tarred products
19 01	wastes from incineration or pyrolysis of waste
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 10*	spent activated carbon from flue-gas treatment
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	Premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05*
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 10	Combustible wastes other than those mentioned in 19 02 08* and 19 02 09*
19 02 11*	other wastes containing dangerous substances
19 03	stabilised/solidified wastes
19 03 04*	wastes marked as hazardous, partly ¹ stabilised
19 08	wastes from waste water treatment plants not otherwise specified
19 08 06*	saturated or spent ion exchange resins
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 09	grease and oil mixture from oil/water separation containing edible oils and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 04	spent activated carbon
19 11	wastes from oil regeneration
19 11 01*	spent filter clays
19 11 02*	acid tars
19 11 03*	aqueous liquid wastes
19 11 04*	wastes from cleaning of fuel with bases
19 11 05*	sludges from on-site effluent treatment containing dangerous substances
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 03	wastes from soil and groundwater remediation
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

Table S3.2 Permitted waste types and quantities

Maximum quantity	75,000 tonnes per annum
Waste code	Description
20 01	separately collected fractions (except 15 01)
20 01 13*	solvents
20 01 17*	photochemicals
20 01 25	Edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	Paint, ink, adhesives and resins other than those mentioned in 20 01 27*

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 (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
North Bund Storage Tanks OT3, OT5, OT7, OT9 as shown on drawing A4	None specified	Tank breathing space	None specified	None specified	None specified	None specified
South Bund Storage Tanks C1, C2, C3, C4, C5, C6, C7, C8 Mixer Tanks M1, M2, M3, M4, M5, M6, M7 as shown on drawing A4	None specified	Tank breathing space	None specified	None specified	None specified	None specified

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
W1 - Discharge point south (as shown on drawing reference A6)	chloroform	Site drainage	800 µg/l	Spot sample	Prior to discharge to the North Sea	Samples shall be taken at the sampling point at the interceptor. The monitoring method shall be agreed in writing with the Agency
	1,2 dichloroethane		600 µg/l			
	benzene		10 mg/l			
	toluene		40 mg/l			
	xylene		15 mg/l			
	oil and grease volume		none visible			
	flow		No more than 700 m ³ in any period of 24 hours			
	discharge		45 litres per second			
		Not during a period of 2 hours either side of low water (as determined by the Admiralty Tide Tables)				

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
-	-	-	-	-	-	-

Table S4.4 Ambient air monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
As described in section 5.1 of document reference A8	Volatile Organic Compounds	monthly	Absorption tube for an 8 hour continuous period	None

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
Emissions to water Parameters as required by condition 3.6.1	W1 – Discharge point south	One month following sampling	29/10/2007
Ambient air monitoring Parameters as required by condition 3.6.1	As described in section 5.1 of document reference A8	Every 6 months	29/10/2007

Table S5.2: Annual production/treatment

Parameter	Units
Quantity of secondary liquid fuel produced	tonnes
Quantity of waste accepted	tonnes

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Rate of secondary liquid fuel production (SLF)	annually	Tonne of SLF/ tonne of waste accepted

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Agency	29/10/2007
Water	Form water 1 or other form as agreed in writing by the Agency	29/10/2007
Waste Return	Waste Return Form RATS2E	
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	29/10/2007

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	
Name of operator	
Location of Installation	
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.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Solvent Resource Management 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.

"*annually*" means once every year.

"*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 4 to the PPC Regulations.

"*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.

"*disposal*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*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 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/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.

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"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

"*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.

“*WFD*” means Waste Framework Directive (75/442/EEC).

“*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