



ENVIRONMENT
AGENCY

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Newport Oil Treatment Plant

Eco-Oil Ltd
Felnex Industrial Estate
7 Newquay Road
Newport
Gwent
NP19 4PL

Permit number
UP3336LT

Newwport Oil Treatment Plant

Permit Number UP3336LT

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows.

The installation treats waste oil and oily waters imported onto site to a standard that allows the oil to be recovered. The company uses commercial tankers to accept small consignments of waste oil from various commercial, marine and industrial customers. These are bulked up into heated process tanks where some oil/water separation takes place using both physical and chemical processes. The water phase is discharged to foul sewer and the oil phase is transferred to tanker and transported offsite currently for use as a chemical reductant in the steel industry. The company currently holds a waste management licence to operate as a waste treatment and storage facility, part of this licence will be superseded by the PPC permit.

It should be noted that the company also accepts and stores other wastes not included in the PPC permit. These wastes include but are not limited to hydrochloric acid, phosphoric acid, ferric/ferrous chloride, calcium oxide, proprietary alkaline cleaners, sodium and potassium oxides or hydroxides, calcium hydroxide, sodium and potassium carbonates, calcium chloride. This activity is also currently controlled and will remain under the control of the company's existing waste management licence.

The installation is located in an area of moderate environmental sensitivity. The underlying geology is classed as a minor aquifer. There are no recorded groundwater abstractions within a 2km radius. In addition, there are no surface water abstractions within 1km of the site and no sensitive surface water abstractions within 2km of the site. However, the River Usk (a protected Site of Special Scientific Interest/SAC) is located 70m west of the site. The site discharges surface water via an interceptor and into the river, although no pollution incidents have been attributed to Eco-Oil Ltd.

Process effluent is transferred to separate tanks where it is treated and pH adjusted before being sent to foul sewer under a Trade Effluent Discharge Consent from Welsh Water for further treatment offsite at Nash Wastewater Treatment works.

Status Log of the permit		
Detail	Date	Response Date
Application UP3336LT	Duly made 19/02/07	
Extension requested	14/06/07	21/06/07
Extension requested	29/08/07	04/09/07
Permit determined	29/10/07	

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

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Waste Management Licence	EAWML/30164	03/12/1985	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
Eco-Oil Ltd	EAWML30164	03/12/1985

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

UP3336LT

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

Eco-Oil Ltd ("the operator"),

whose registered office is


**Camburgh House
27 New Dover Road
Canterbury
Kent
CT1 3DN**

company registration number **2714993**

to operate an installation at

**Newport Oil Treatment Plant
Felnex Industrial Estate
7 Newquay Road
Newport
Gwent
NP19 4PL**

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

Signed	Date
	29/10/2007

Paul Butler

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 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 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 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 operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table 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 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 and S4.2;

- 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 and S4.2 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 All records required to be held by this permit shall be held on the installation [on-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 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.

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
5.3A(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, blending and dewatering of waste oil; despatch for further treatment, including recovery activities R1, R3, R9 and R13 and disposal activities D1, D6, D9 and D15.	From receipt of waste oil as defined in Schedule 3, Table S3.2 and treatment to dispatch of waste oil, including storage in the areas identified in Schedule 2.
5.3A(1)(c)(ii) – "The disposal of non-hazardous waste in a facility, with a capacity of more than 50 tonnes per day by physico-chemical treatment.	Physico-chemical treatment of non-hazardous waste which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12.	pH balancing of process effluent.
Directly Associated Activity		
Combustion of gas oil to produce steam	1.755MW boiler, rated at 2,800kg/hr of steam production.	To include storage of fuel oil

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section 2.1 and 2.2 in the Application.	15/02/07

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The Operator shall ensure that a review of the design, method of construction and integrity of all bunds surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds against the standards set out in Section 2.2.5 of the Sector Guidance Note SGN5.06.06. CIRIA Report 163 on the construction of Bunds for Oil Storage Tanks with a tank capacity of <25m³ (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 >25m³ (ISBN: 0 86017 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> the physical condition of the bunds, their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and suggested preventive maintenance & inspection regime. <p>A written report of the review shall be submitted to the Environment Agency detailing the reviews 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>	<p>29/01/08, unless otherwise agreed in writing.</p> <p>29/07/08, unless otherwise agreed in writing.</p>
IC2	<p>The Operator shall conduct a survey of all emissions to air, including fugitive releases, to ensure that all emissions have been identified and characterised, in terms of emission parameters and quantified releases, having regard to Environment Agency Sector Guidance Note IPPC SGN5.06, Section 2.10. Releases shall be characterised by monitoring, where appropriate, and monitoring methods shall be agreed in advance with the Agency. A written report shall be submitted to the Agency for approval which takes account of all previously uncharacterised release points and identifies appropriate improvements with a timetable for their implementation.</p>	<p>29/07/08, unless otherwise agreed in writing</p>
IC3	<p>The Operator shall submit a revised environmental impact assessment which evaluates the potential for impact arising from the release of Class A VOCs, Class B VOCs, ammonia and hydrogen sulphide from the installation, using the Agency's H1 tool (or other equivalent assessment tool used with the written agreement of the Agency), using the results of the monitoring programme required by Improvement Condition IC2 above. An electronic copy of the H1 assessment (or other equivalent assessment tool used with the written agreement of the Agency) shall be submitted to the Agency.</p>	<p>29/10/08</p>
IC4	<p>The Operator shall develop a written site closure plan, having regard to the Environment Agency Sector Guidance Note IPPC SGN5.06 Section 2.11. Upon completion of the plan a summary of the document shall be submitted to the Agency in writing.</p>	<p>29/10/09</p>
IC5	<p>The Operator shall review the environmental management system, having regard to Environment Agency Sector Guidance Note SGN5.06 Section 2.3. a written summary of the review, including proposals for improvements, together with a timescale for implementation, shall be submitted to the Agency for approval.</p>	<p>29/10/08</p>
IC6	<p>The Operator shall review the Accident Management Plan, having regard to the Environment Agency Sector Guidance Note SGN5.06 Section 2.8. upon completion of the review a summary of the document shall be submitted to the Agency in writing.</p>	<p>29/11/07</p>

IC7	<p>The Operator shall ensure that a review of the integrity of all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of the Sector Guidance Note SGN5.06 be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a timescale for implementing them. A written report of the review shall be submitted to the Environment Agency detailing the review's findings and recommendations.</p> <p>Remedial action shall be taken to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	<p>29/01/08</p> <p>29/07/08, unless otherwise agreed in writing</p>
IC8	<p>The Operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater. The review shall include:</p> <ul style="list-style-type: none"> • consideration of the principles set out in PPG 18 – Managing Fire-Water and major spillages • identification of any improvements necessary in order to minimise the risk of a pollution caused by firewater. <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Environment Agency for approval. The Agency approval shall include timescales for the Operator to implement the improvements.</p>	29/01/08
IC9	<p>The Operator shall assess the options for capture and abatement of emissions from oil storage tank vents and manways, having regard to Environment Agency Sector Guidance Note SGN5.06 Section 2.2.1. A written report shall be submitted to the Agency for approval which sets out the proposals and justifications, together with a timetable for their implementation.</p>	29/10/08

Table S1.4 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1	Acceptance of waste oils from 'higher risk sources' or from third parties.	Prior to acceptance of such wastes, the Operator shall implement waste pre-acceptance and acceptance procedures that fully satisfy the requirements of sections 2.1.1 and 2.1.2 of the Agency's Sector Guidance Note S5.06, December 2004.
2	Acceptance of petrol (EWC Code 13 07 02*)	Prior to acceptance of such wastes, the operator shall review and revise storage arrangements for this waste stream, ensuring that the requirements of sections 2.1.1 and 2.1.2 of the Agency's Sector Guidance Note S5.06, December 2004.

Schedule 2 - Site plan

 Waterman Envirosystems Environmental Consultants	Job No: EN6367	Figure No: 1
	Title:- Eco-Oil Ltd, Newport Site Location Map	
INNOVATION CENTRE Telephone 0114 224 2310	217 PORTOBELLO SHEFFIELD S1 4DP Fax 0114 224 2222	Date:-October 2006 Scale:- N.T.S. Drawn By:- TC



Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Gas oil until 31/12/2007	Less than 0.2% w/w sulphur content
Gas oil from 01/01/2008	Less than 0.1% w/w sulphur content

Table S3.2 Permitted waste types and quantities	
Maximum Quantity	40,000 tonnes
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 12*	Oil containing acids
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE(MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS)
08 03	wastes from MFSU of printing inks
08 03 19*	Disperse oil
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 17*	Rosin oil
10	WASTES FROM THERMAL PROCESSES
10 02	Wastes from the iron and steel industry
10 02 11*	Wastes from cooling-water treatment treatment containing oil
10 05	Wastes from zinc thermal metallurgy
10 05 08*	Wastes from cooling-heater 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 19*	Wastes from cooling-water treatment containing oil
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METAL AND PLASTICS
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 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	Readily biodegradable machining oil
12 01 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01*	Hydraulic oils containing PCBs (up to the limit specific in the WML or Directive 98/59 whichever is the greater)
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 01*	insulating or heat transmission oils containing PCBs (up to the limit specific in the WML or Directive 98/59 whichever is the greater)
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 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 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
13 07	Wastes of liquid fuels
13 07 01*	Fuel oil and diesel
13 07 02*	Petrol (subject to conditions in table S1.4 Pre-operational conditions)
13 07 03*	Other fuels (including mixtures)
13 08 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 02	Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 08	Wastes from waste water treatment plants not otherwise specified
19 08 09	Grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 26*	oil and fat other than those mentioned in 20 01 25

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
A1 – A24 [Points A1 – A24 on site plan in Schedule 2]	Class A VOCs	Oil Storage/treatment tanks	No limit set	-	-	-
	Class B VOCs					
	Ammonia					
	Hydrogen Sulphide					
A25 (Point A25 on Site Plan in Schedule 2)	Oxides of Nitrogen	Gas oil combustion boiler	No limit set	-	-	-
	Oxides of Sulphur					
	Carbon					
	Monoxide					

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 on site plan in schedule 2 emission to River Usk	Total suspended solids	Klargester Interceptor	As discharge consent	For 95% of all measured values of periodic samples taken over one month	Weekly	BS EN 872

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 Nash Waste Water Treatment Works via foul sewer	Mercury and its compounds, expressed as mercury (Total Hg)	Site effluent treatment plant	0.005 mg/l	24-hour flow proportional sample	Daily	BS EN 135006

Table S4.4 Annual limits

Substance	Medium	Limit (including unit)
Sulphur dioxide	Air	-
Oxides of nitrogen	Air	-

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 air	A1, A2, A3, A4, A5, A6, A7	Every 12 months	29/10/07
Parameters as required by condition 3.6.1.			

Table S5.2: Annual production/treatment

Parameter	Units
Waste oil dispatched	Tonnes

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	Tonnes
Energy usage	Annually	MWs
Total raw material used	Annually	Tonnes

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Water usage	Form water usage1 or other form as agreed in writing by the Agency	29/10/07
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	29/10/07
Waste returns required under condition 4.2.3	RATS2 E-Waste Return Form (electronic spreadsheet)	Quarterly

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	UP3336LT
Name of operator	Eco-Oil Ltd
Location of Installation	Newquay Road, Newport
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 **Eco-Oil Ltd**

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 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.

"*higher risk source*" means sources such as one-off, tank or site clearance, metal recycling/scrap yards, Civic Amenity Sites or farms.

"*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..

"*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.

END OF PERMIT