



ENVIRONMENT
AGENCY

Variation Notice 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

Variation Notice Number
QP3335XE

Permit number
UP3336LT

Newport Oil Treatment Plant

Permit Number UP3336LT

Introductory note

This introductory note does not form a part of the permit

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

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holds a waste management licence to operate as a waste treatment and storage facility, part of this licence will be superseded by the PPC permit.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.

The purpose of this variation notice is to include two waste streams to table S3.2 Permitted waste types and quantities, which were mistakenly added to the residual Waste Management Licence EAWML/30164 instead, at the time of the PPC permit UP3336LT being issued. The waste streams are bulk liquid waste streams which are brought onto site and disposed of through the on-site effluent process, under listed activity 5.3 A(1)(c)(ii). Schedule 4, table S4.3 has been amended to specify that monitoring for mercury in the sewer discharge is only required when the site is receiving and treating refinery waste (EWC category 05) as no other regular consignments have the potential to contain traces of mercury. Finally, it brings in the on-site drum crusher as a directly associated activity under schedule 1, table S1.1.

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	
Variation QP3335XE	02/09/2009	

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

Pollution Prevention and Control
(England and Wales) Regulations 2000

Variation Notice

Permit number

UP3336LT

Variation number

QP3335XE

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

Eco-Oil Ltd ("the operator"),

whose registered office (or principal 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 set out in schedules 1 to 3 of this variation notice .

The notice shall take effect from **2nd September 2009**

Signed	Date
	2 nd September 2009

Tony Leakey

Authorised to sign on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

1. None

SCHEDULE 2 – CONDITIONS TO BE AMENDED

The following conditions are amended as follows:

1. Schedule 1 – Operations, Table S1.1:

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
Size reduction (drums, solids, waste in containers)	Crushing and shredding plastic and metal containers.	The shredding of empty plastic and metal containers and the crushing of empty or nominally empty metal containers. Containers that originally contained hazardous materials shall be emptied and washed to remove any residue.

2. Schedule 3 – Waste types, raw materials and fuels; Table S3.2

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
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	Wastes from chemical surface treatment and coating of metals and other materials
11 01 12	Aqueous rinsing liquids other than those mentioned in 11 01 11
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
19 10	Wastes from shredding of metal-containing wastes
19 10 06	Other fractions other than those mentioned in 19 10 05
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

3. Schedule 4 – Emissions and monitoring; Table S4.3

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, while treating waste types 050105, 050106 or 050112	BS EN 135006

SCHEDULE 3 – CONDITIONS TO BE ADDED

1. None