

FINAL

## Variation Notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2007

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Oil & Water Limited  
20, Wincombe Business Park  
Shaftesbury  
Dorset  
SP7 9QJ

Variation Notice Number

AP3037XY

Permit number

BT2599IH

# OIL & WATER

## Variation number AP3037XY

### Introductory note

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

The main features of the facility are as follows.

*The installation is operated as a waste oil storage and treatment facility, there is also an element of storage and bulking for onward transfer of other wastes associated with the sector.*

*Oil and Water Limited operates the facility, located in Shaftesbury, Dorset. The site covers an area of approximately 0.9 acre ( ha) and is surrounded by an industrial estate. The land adjacent to the industrial estate is a mixture of agricultural and residential use.*

*The site only treats and processes wastes suitable for treatment using the techniques and technologies for oil and water mixtures. The site also processes, without treating, other associated wastes for onward transfer via bulking or storage, These wastes are not a significant business stream compared to the normal treatment processes – therefore this is for commercial reasons for clients and for environmental / sustainability reasons to reduce transport per unit of waste. All wastes comply with pre acceptance criteria test results to allow the site to determine treatability, these are confirmed on site at arrival. Checks are also made via monitoring compliance with the Wessex Water discharge consent.*

***The main activities can be summarized as:***

- *Storage of waste awaiting treatment or transfer or centrifuging*
- *Oil / Water & Phase Separation involving heat treatment with subsequent recovery of oil via centrifuging and filtering*
- *Effluent Treatment by chemical coagulation and dissolved air flotation and associated clarification equipment*
- *Drummed & Bulk Waste Treatment and Transfer*
- *Sludge treatment including centrifuging*
- *Cleaning of drums and tankers that have previously contained waste*
- *Crushing of waste drum containers*

*The installation consists of a number of storage tanks with a capacity of 1,100m<sup>3</sup>.*

*The site accepts a mixture of oils and oil contaminated wastes, as well as a wider range of hazardous and non-hazardous wastes. The site is an oil and water treatment facility not a diversified waste treatment facility with other waste treatment methods.*

*The main emissions to air are from tank vents (point sources) and through the discharge of tankers to underground tanks via a filtration system. There are also emissions from loading and unloading of tankers which consists of primarily hydrocarbon related VOCs, sulphurous compounds and other potentially odorous compounds, such as the occasional inclusion of glycols in the received materials from client sites. The main emission to sewer is the water from the treatment of the waste, discharged under a consent from Wessex Water.*

<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
Application AP3037XY	Duly made 14/07/08	
Additional Information Received	Updated plan	29/05/2009
Permit BT2599IH determined	02/05/2003	
Variation AP3037XY	02/06/2009	

<b>Operator</b>	<b>Permit Number</b>	<b>Date of Issue</b>
Oil & Water Limited	BT2599IH	2 May 2003

End of Introductory Note

## Variation Notice

Permit number

**BT2599IH**

Variation number

**AP3037XY**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007

**Oil and Water Limited**

whose registered office (or principal office) is

**Oil & Water Limited**

**20 Wincombe Business Park**

**Shaftesbury, Dorset**

**SP7 9QJ**

company registration number 03661174

to operate a facility comprising *an installation and a waste operation* at

**Oil & Water**

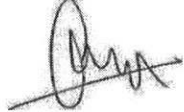
**20, Wincombe Business Park**

**Shaftesbury**

**Dorset**

**SP7 9QJ**

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

Name	Date
	2 <sup>nd</sup> June 2009

**Jim Grundy**

Authorised to sign on behalf of the Agency

# Generic 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, non-conformances and closure 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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme or shall hold an appropriate certificate of technical competence or other approval issued by the Environment Agency.

### 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 *For the following activities referenced in schedule 1, table S1.1 (A1 to A3.)* The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

## **1.4 Efficient use of raw materials**

1.1 *For the following activities referenced in schedule 1, table S1.1 (A1 to A3.)* 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**

1.1. *For the following activities referenced in schedule 1, table S1.1 (A1 to A3.)* 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.

# **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").

## **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

## **2.3 Operating techniques**

2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Agency.

## **2.4 Improvement programme**

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

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

## **2.5 Pre-operational conditions**

2.5.1 The operations specified in schedule 1 table S1.4B shall not commence until the measures specified in that table have been completed.

# **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 Fugitive emissions of substances**

3.2.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including those specified in any approved fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Agency for approval within the period specified, a fugitive emissions management plan;

(b) implement the approved fugitive emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 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.

### **3.3 Odour**

- 3.3.1 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 Environment Agency, unless the operator has used appropriate measures, including those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.3 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to annoyance outside the site due to odour, submit to the Agency for approval within the period specified, an odour management plan;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.4 Noise and vibration**

- 3.4.1 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 Environment Agency, unless the operator has used appropriate measures, including those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to annoyance outside the site due to noise and vibration, submit to the Agency for approval within the period specified, a noise and vibration management plan;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1, S4.2 and S4.3;
- 3.5.2 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.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.5.4 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.

## 4 Information

### 4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (1) Site protection and monitoring programme and/or site conditioning plan
- 4.1.2 All records, plans and the management system required to be maintained by this permit shall be held on the site.

### 4.2 Reporting

- 4.2.1 All reports and notifications required by the permit shall be sent to the Environment Agency using the contact details supplied in writing by the Agency
- 4.2.3 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, S5.2 and S5.3;
  - (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.

### 4.3 Notifications

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit; or
  - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment 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.

4.3.4 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:

Where the operator is a registered company:

- (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.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

## **4.4 Interpretation**

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

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone

## Schedule 1 – Operations

Table S1.1 activities

Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
A1	S5.3 A (1) (a): Disposal of hazardous waste (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day	R13 D15	From receipt of waste as defined in schedule 3 table S3.3 to dispatch of waste including storage in areas identified in schedule 2. The bulking of waste acids and glycols and other approved wastes The maximum throughput is 48,000 tonnes / year.
A2	S5.3 A(1) (b): Disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day	R13 – the bulking, storage and treatment of waste oil, dispatch for further treatment, including recovery activities R1 and R3 and storage of waste arising from the treatment process.	From receipt of waste oil as defined in schedule 3 table S3.3 to dispatch of waste oil including storage in areas identified in schedule 2. The maximum throughput is 15,000 tonnes/ year.
A3	Section 5.3 Part A1 (c) (ii) Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment	D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any operations numbered D1 to D12, including the storage of waste arising from the treatment process.	From receipt of wastes in Table S3.3 to the discharge of effluent to sewer, including the storage of screenings. The total amount treated shall not exceed 48,000 tonnes per year. The amount of hazardous and non-hazardous wastes treated under this permit shall not exceed 48,000 tonnes in total.

Directly Associated Activity			
A4	Operating dissolved air flotation (Daf) plant	Treatment of oily water prior to discharge of final effluent to sewer	Addition of polymer and ferric chloride to aid treatment process. Recovered oil returned to recovered oil storage tanks. Treated effluent transferred to final effluent storage tanks prior to discharge to sewer
A5	Empty hazardous waste container washing	Washing of containers containing hazardous residues arising from operations on site prior to reuse	<b>Limited to oil residue</b>
A6	Empty container storage	R13 – storage of containers prior to reuse or recycling off site	
A7	Solid sludge cake storage	Storage of dewatered sludge cake in containers prior to recovery or disposal off site	
A8	Filtering	Filtering of oils to improve quality.	

	Description of activities for waste operations	Limits of activities
A5	<p><b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents</p> <p><b>R4:</b> Recycling/reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/reclamation of other inorganic compounds</p>	<p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>- Drum Crushing</li> <li>- Pre-screening prior to discharge to underground tanks</li> <li>- Heat treatment and separation.</li> <li>- Waste water treatment and separation, including DAF plant and clarification</li> <li>- Centrifugation of oily sludges</li> <li>- Limited sorting</li> <li>- Manual cleaning and rinsing of drums and containers</li> </ul> <p>Waste types as specified in Table 3.3</p>

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application	The response to section 2.1, excluding 2.1.3 and 2.1.5, and 2.2 in the Application. Response to B2 30 <sup>th</sup> June 2008	30/06/2008
Additional information	Proposed finalised site plan	29/05/09

**Table S1.3 Improvement programme requirements**

<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	The Operator shall review the environmental management system, having regard to Environment Agency Sector Guidance Note IPPC S5.06, dated December 2004, Section 2.3. A written summary of the review, including proposals for improvements, together with a timescale for implementation, shall be submitted to the Environment Agency for approval	3 months from permit issue
IC2	The Operator shall develop a written Accident Management Plan, which shall include the likelihood and consequence of accidents, actions to prevent accidents and mitigation of consequences. The procedure shall take account of the principles specified in Section 2.8 of Sector Guidance Note IPPCS5.06, dated December 2004. The procedure shall be implemented by the Operator from the date of approval by the Environment Agency in writing.	3 months from permit issue
IC3	The Operator shall produce and implement training systems for relevant staff in accordance with Section 2.3 of Sector Guidance Note IPPC S5.06, dated December 2004. The systems shall be implemented by the Operator from the date of approval by the Environment Agency in writing.	3 months from permit issue
IC4	A written waste acceptance procedure shall be submitted to the Environment Agency for approval. The procedure shall comply with Section 2.1.2 of Sector Guidance Note IPPC S5.06, dated December 2004. As a minimum the procedure shall include: a record of the inspection regime for each load and justification for the selection of this option; sampling of bulk wastes rejection procedures security procedures in place The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the procedure. The procedure shall be implemented by the Operator from the date of approval by the Environment Agency in writing.	3 months from permit issue
IC5	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 IPPC S5.06, dated December 2004, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of < 25 m <sup>3</sup> (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m <sup>3</sup> (ISBN: 0 86017 476X). The review shall include: 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 α suggested preventative maintenance & inspection regime.  A written report of the review shall be submitted to the Environment Agency detailing the review's findings and recommendations. Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and to implement the maintenance and inspection regime. The Environment Agency approval shall include timescales for the Operator to implement the improvements.	3 months from permit issue
IC6	The Operator shall develop a written Planned Preventative Maintenance Programme. The procedure shall take account of the principles specified in Section 2.3 of Sector Guidance Note IPPC S5.06, dated December 2004. The procedure shall be implemented by the Operator from the date of approval by the Environment Agency in writing. The Operator shall ensure that a maintenance and inspection programme of impervious surfaces and containment kerbs is established in accordance with Section 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004.	3 months from permit issue

IC7	<p>The operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater.</p> <p>The review shall include:</p> <ul style="list-style-type: none"> <li>consideration of the principles set out in PPG 18 – Managing Fire-water and major spillages.</li> <li>Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater</li> </ul> <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Environment Agency for approval. The Environment Agency approval shall include timescales for the Operator to implement the improvements.</p>	3 months from permit issue
IC8	<p>The Operator shall produce an odour management plan for the site and all associated activities. The odour management plan shall be submitted to the Environment Agency, detailing the measures to be used to control emissions of odour and shall be accordance with Appendix 7 (template for an odour management plan) of Horizontal Guidance Note H4 (Horizontal Guidance for Odour (Part 1)), or any guidance that replaces this. This must be agreed by the Environment Agency within 3 months of the issue of the variation and must be implemented immediately on approval.</p>	The 1 <sup>st</sup> draft to be submitted within 1 month from permit issue.
IC9	<p>The Operator shall improve installation tank and pipework labelling to be in line with the requirements set out in section 2.1.3 of Sector Guidance Note IPPC S5.06, dated December 2004.</p>	Within one month of permit issue and for new tanks or pipework, prior to installation
IC10	<p>The Operator shall undertake a waste minimisation audit in accordance with Section 2.4.2 of Sector Guidance Note IPPC S5.06, dated December 2004. The audit shall be submitted to the Environment Agency in writing with a timetable of improvements to be undertaken for approval by the Agency.</p>	Within 6 Months of permit issue
IC11	<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 IPPC S5.06, dated December 2004, is carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Environment Agency detailing the review's findings and recommendations. 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>	Within 6 Months of permit issue
IC12	<p>The operator shall ensure that the revised waste storage and segregation are carried out in accordance with Sector Guidance Note IPPC S5.06, in particular storage areas shall be clearly marked and signed with regard to the quantity and hazardous characteristics of the waste stored there. As a minimum this should include the use of durable and visible demarcation as per plan LN56077/006 Rev A (06/02/08)</p>	Within 1Month of permit issue
IC13	<p>Within 3 months of the issue of the permit the operator shall commission an independent investigation and study of the emissions arising from the oil heater unit ancillary equipment, and any other equipment on site. This study shall be carried out by an approved qualified person who shall submit a report of the investigation to the Environment Agency for approval. If this report shows exceedences of benchmark emission values as detailed in Sector Guidance Note IPPC S5.06 then the operator shall cease the waste heating operations until equipment is provided to give effective abatement of the emissions.</p>	Within 3 Months of permit issue

**Table S1.4B Pre-operational measures for future development**

Reference	Operation	Pre-operational measures
1	Acceptance of the following European Waste codes for treatment: Wastes beginning 01, 06 and 09 08 03 12; 12 01 06, 08, 09 13 01 04, 09, 12 13 02 04, 07 13 03 01, 09 13 04 02 13 07 02, 03 14 06 03 15 01 10 16 03 03, 04 05 16 05 07 08 16 06 06 16 07 08, 09 16 10 01, 02, 03, 04 17 03 01, 02 19 07 02, 03 19 13 07, 08 20 01 14, 15	Until the operator has submitted detailed plans on the proposed storage/ treatment and or transfer process and these have been agreed in writing with the Environment Agency.
2	The use of the proposed new dig-out pit	Until the operator has submitted detailed plans of the construction and the proposed method of operation including methods for odour control and these have been agreed in writing with the Environment Agency.
3	The operation of any of the activities applied for in this variation	Until such time that appropriate planning permission is granted and confirmation of such is received from the planning authority.

## Schedule 2 - Site plan



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

Table S3.1 Permitted Raw Materials	
Material	Use
Fuel Oil	For boiler and generator
Sodium Hypochlorite	For dosing wastes arriving on site
Various Acids	As part of the oil treatment process

Table S3.2 Permitted waste types and quantities for storage and treatment	
Maximum quantity	
Waste code	Description
All wastes	All wastes to be agreed in IC12

Table S3.3 Waste types	
EWC Code	Description of Waste
01	Waste from mineral excavation
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
01 02 07	barite-containing drilling muds and wastes other than those traditional ion 01.05.06 and 01.05.06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01.05.05 and 01.05.08
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
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
<b>06</b>	<b>Wastes from inorganic chemical processes</b>
06 01	wastes from the manufacture, formulation, supply and use of acids
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 02	wastes from the MFSU (manufacture, formulation, supply and use) of bases
06 02 04*	sodium and potassium hydroxide
<b>08</b>	<b>Wastes from Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, Sealants and Printing Inks</b>
08 01 11*	paint
08 03 12*	printing Ink (Residues/washings)
08 04 09*	adhesives and sealants
<b>09</b>	<b>Wastes from the Photographic Industry</b>
09 01 01*	water-based developer and activator solutions

09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
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 15	machining sludges other than those mentioned in 12 01 14
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
<b>13</b>	<b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05,12 and 19)</b>
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 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 01*	insulating or heat transmission oils containing PCBs
13 03 07*	mineral-based non-chlorinated 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 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
<b>14</b>	<b>Wastes organic solvents, refrigerants and propellants (except 07 and 08)</b>
14 06 03*	other solvents and solvent mixtures
<b>15</b>	<b>Waste packaging; absorbents, wiping cloths, filter materials and protective</b>

	<b>clothing not otherwise specified</b>
15 01	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated with dangerous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
<b>16</b>	<b>Waste not otherwise specified in the list</b>
16 01 07*	oil filters
16 01 11*	brake pads containing asbestos
16 01 12	brake pads other than those mentioned in 16 01 11
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 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
16 01 99	wastes not otherwise specified
16 03	Off spec batches and unused products
16 03 03*	inorganic wastes containing dangerous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
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 06 01	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 06 06*	separately collected electrolyte from batteries and accumulators
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
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
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
17 03 01*	bituminous mixtures containing coal tar
17 03 02	bituminous mixtures containing other than those mentioned in 17 03 01
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances

17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01,17 09 02 and 17 09 03
<b>19</b>	<b>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</b>
19 07 02*	landfill leachate containing dangerous substances
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
<b>20</b>	<b>Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>
20 01	separately collected fractions
20 01 14*	acids
20 01 15*	alkalines
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 03 03	street-cleaning residues

## 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
All tank Vents	As Table 4.3	Storage tanks	No limit set	--	As table 4.3	Permanent sampling access not required
Emissions associated with heating operation	In accordance with agreed odour management plan		In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan
Reception Point for liquid discharged from tankers via filter equipment etc	In accordance with agreed odour management plan		In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan
Tanker clean-out area and associated dig-out pit	In accordance with agreed odour management plan		In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan
Centrifuge	In accordance with agreed odour management plan		In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan
Daf Plant	In accordance with agreed odour management plan		In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan	In accordance with agreed odour management plan

**Table S4.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

S1 on site plan in schedule 2 emission to Wessex Water Shaftesbury Sewage Treatment works	As per current Wessex Water authorisation (and any subsequent amendments)	Site effluent treatment plant	As per Wessex Water authorisation	As per Wessex Water authorisation
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**Table S4.3 Process monitoring requirements**

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
All tanks	Odour, VOC, H2S	Monthly	Handheld meter and/or agreed olfactory method	
Odour abatement system	Odour, VOC, H2S	Monthly	To be agreed in odour management plan	

## 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 Parameters as required by condition 3.5.1.	Tank Vents Centrifuge DAF plant	Every 3 months	At variation issue
Emissions to water Parameters as required by condition 3.5.1	S1	As per Wessex Water requirement but no less frequently than annually	At variation issue
Ambient air monitoring Parameters as required by condition 3.5.1	As per odour management plan	As per odour management plan	On agreement of odour management plan

**Table S5.2: Annual production/treatment**

Parameter	Units
Waste volumes treated	Tonnes
Waste in	Tonnes
Waste Out	Tonnes

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

**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 Environment Agency	To be agreed
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency	To be agreed
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	To be agreed
Water usage	Form water usage1 or other form as agreed in writing by the Environment Agency	To be agreed
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	To be agreed
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	To be agreed

# 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 EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
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	

*Drafting Note: The time periods for notification should be based on the site-specific risk and deviations from 24 hours should be justified.*

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 facility in the preceding 24 months.	

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

\* authorised to sign on behalf of Oil and Water Ltd

# Annex 1 – Waste Facilities

## 2 Operations

### 2.3 Operating techniques

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(s) S3.3 and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
  - (c) a procedure for its acceptance, storage and treatment has been agreed with the Environment Agency.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazard classification associated with the waste; and
- (e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## 3 Emissions and monitoring

### 3.1 Emissions to water, air or land

3.1.3 For the activities referenced in schedule 1, table S1.1 (A1 to A3 ) Where a substance is specified in schedule 4 table S4.1 or S4.2 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.

3.1.4 Emissions shall not exceed the levels detailed in Schedule 4 Table S4.1 or S4.2

## 4 Information

### 4.2 Reporting

4.2.2 Within one month of the end of each quarter, the operator shall submit to the Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

### 4.3 Notifications

4.3.6 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Agency shall be notified within one month of:

- (a) a decision by the Secretary of State and the Welsh Ministers not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State and the Welsh Ministers to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State and the Welsh Ministers to re-certify such an agreement.

## Schedule 7 – Interpretation

"Annex IIA" means Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"best available treatment, recovery and recycling techniques" shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled "Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE);

"controlled substances" means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unreacted feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling.

"D" means a disposal operation provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"hazardous waste" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

"ozone-depleting substances" "ODS" means "controlled substances" contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

"R" means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

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

"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 5 to the EP 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.

"emissions to land", includes emissions to groundwater.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2007 No.3538 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"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.

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

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

Waste code means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"year" means calendar year ending 31 December.

END OF PERMIT