



**ENVIRONMENT
AGENCY**

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

SYLOC Waste Treatment Facility

Bale Group Limited
Building S167a
South Yard Lube Oil Complex
HM Naval Base, Devonport
Plymouth
Devon
PL1 1LG

Permit number

JP3436MB

SYLOC Waste Treatment Facility

Permit Number JP3436MB

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows.

Bale Group Limited operate a treatment plant for the storage and treatment of up to 100,000 tonnes per year of hazardous and non-hazardous liquid waste prior to disposal and/or recovery. These activities are listed under Schedule 1 of the PPC Regulations Section 5.3. Part A (1)(b) – the disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day and Section 5.3 Part A (1)(c)(ii) – disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment. The activities undertaken on the installation are summarised below:

- Oil/water separation – the site receives oily wastes mainly by road tanker, with occasional drummed waste oils also accepted. In addition the operator has applied to accept oil bearing wastes by pipeline from the Rubble Jetty. The Permit requires that prior to use, the condition of Jetty infrastructure is assessed and operational procedures are in place, to ensure that any wastes delivered by vessels are handled to minimise any risk of spillage into the Tamar Estuary. The wastes are initially screened and transferred into bulking tanks for settlement. After settlement the water layer is decanted to the DAF plant for further treatment including the addition of flocculation and coagulating agents (ferric chloride and polymer). If necessary the oil can be further separated in two electrically heated tanks. The resulting aqueous phase is sent to the bulking tanks for further treatment prior to discharge to sewer. Recovered oil is sent off site for use as a recovered fuel oil. A sludge phase is also generated from this process, which is currently sent off site for disposal.
- Aqueous Treatment Plant – aqueous wastes (landfill leachates) are treated according to their physical and chemical characteristics to enable safe discharge to sewer. The treatment includes screening, filtering, settlement and stabilisation prior to discharge to Plymouth Central Sewage Treatment Works under a Trade Effluent Consent with South West Water. Hydrogen Peroxide is typically added to the bulk tanks to suppress odour prior to discharge.

The site occupies part of the former 'south yard lube oil complex' (SYLOC) at Devonport Dockyard, Plymouth and covers an area of approximately 0.4 hectares. The site is underlain by highly permeable made ground and siltstones of the Tamar Group and Saltash Formation. The site is on a minor Aquifer, and there are no source protection zones or abstraction licences within 1km.

The site is in an area unlikely to flood except in extreme conditions (1 in 200 years).

The Tamar is adjacent to the western boundary of the site and is a major watercourse which forms the Plymouth Sound & Estuaries SAC. There are four SSSIs within 2km of the installation, one SAC and one SPA. The Installation is unlikely to have an impact on any of these sites as there are minimal emissions identified from the activities.

There are point source emissions to air, water and sewer however all of these have been screened using H1 as insignificant.

There is no climate change agreement or direct participant agreement in place.

Status Log of the permit

Detail	Date	Response Date
Application JP3436MB	Duly made 14/02/2007	
Additional information received by email		10/08/2007
Permit determined	24/10/2007	

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

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Bale Group Limited	EAWML/20012	11/08/2000	Partially superseded
Bale Group Limited	3052/6/46	15/10/1987	Fully 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
Bale Group Limited	EAWML/20012	11/08/2000

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

JP3436MB

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

Bale Group Limited ("the operator"),

whose registered office (or principal office) is

28 Alexandra Terrace

Exmouth

Devon

EX8 1BD

company registration number 03256631

to operate an installation at

SYLOC Waste Treatment Facility

Building S167a

South Yard Lube Oil Complex

HM Naval Base, Devonport

Plymouth

Devon

PL1 1LG

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

Signed	Date
	24 th October 2007

G. Bown

Authorised to sign on behalf of the Agency

Conditions

1 Management

1.1 General management

1.1.1 The activities shall be managed and operated:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Accidents that may cause pollution

1.2.1 The operator shall:

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

1.3 Energy efficiency

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.4 Efficient use of raw materials

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

- (d) take any appropriate further measures identified by a review.

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

1.5.1. The operator shall:

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

1.6 Site security

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

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 tables S3.2 and S3.3; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder; and
 - (c) it is only processed in the activities 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 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, including those specified in schedule 1 table S1.5, 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, including those specified in schedule 1 table S1.6, to prevent or where that is not practicable to minimise the odour.

3.5 Noise and vibration

3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in schedule 1 table S1.7, to prevent or where that is not practicable to minimise the noise and vibration.

3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:

- (a) point source emissions specified in tables S4.1, S4.2 and S4.3;

- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.
- 3.6.5 Within 6 months of the issue of this permit (unless otherwise agreed in writing by the Agency) the site reference data identified in the site protection and monitoring programme shall be collected and submitted to the Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) the site protection and monitoring programme.

4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

4.1.3 All records required to be held by this permit shall be held on 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
Section 5.3 Part 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	Storage, blending and dewatering of waste oil; despatch for further treatment, including recovery activities R3 and R13 and storage of waste arising from the treatment process.	From receipt of waste in Table S3.2 to dispatch of waste oil for recovery and aqueous phase for treatment, including storage of sludge. The total amount treated shall not exceed 40,000 tonnes per year.
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 90,000 tonnes per year. The amount of hazardous and non-hazardous wastes treated under this permit shall not exceed 100,000 tonnes in total.
Directly Associated Activity		
Final Effluent storage (non-hazardous)	Storage of treated effluent prior to discharge to sewer	To be stored in Tanks 1, 3, 5, 7 and 8. Addition of Hydrogen Peroxide prior to discharge to sewer.
DAF plant operation	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
Empty hazardous waste container washing	Washing of containers containing hazardous residues arising from operations on site prior to reuse	To be carried out in discharge area shown on Drawing ST1A dated October 2007.
Empty container storage	R13 – storage of containers prior to reuse or recycling off site	To be stored in drummed waste storage area shown on Drawing ST1A dated October 2007.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to section 2.1 and 2.2 in the Application, excluding 13 07 02* under B2.1.1	31/01/2007
Additional information on justification of waste types provided by email	All, excluding justification for 13 07 02*	10/08/2007
Additional information confirming waste throughputs and container storage provided by email	All (excluding new process areas on ST1A)	05/10/2007

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 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 m³ (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m³ (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 preventative maintenance & inspection regime, <p>A written report of the review shall be submitted to the Agency detailing the review's findings and recommendations.</p> <p>Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	01/02/2008
IC2	<p>The Operator shall ensure that a review of the integrity of the drainage sumps, reception area, all storage tanks, associated surface pipework, site surfacing and drummed/ containerised waste storage against the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004, be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Agency detailing the 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>	01/02/2008
IC3	<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 incident caused by firewater <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Agency. The Report shall include timescales for the Operator to implement the improvements.</p>	01/02/2008
IC4	<p>The Operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard, unless otherwise agreed in writing by the Agency.</p> <p>A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Agency</p>	01/11/08

Table S1.4 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1	Receipt of wastes via Jetty	<p>The operator shall undertake a full review of the integrity of the Jetty infrastructure and containment measures in line with 2.1.3 of the Sector Guidance Note IPPC S5.06. The operator shall submit a report which demonstrates that the Jetty infrastructure is fit for purpose and that comprehensive operational and management procedures are in place for unloading and transfer of wastes from the Jetty.</p> <p>The Jetty can only be operated once the Agency has given its written approval for use.</p>

Table S1.5 Appropriate measures for fugitive emissions

Measure	Dates
A fugitive emission management plan shall be submitted to the Agency, detailing the measures to be used to control fugitive emissions, in accordance with section 2.2.4 of Sector Guidance Note S5.06, December 2004.	01/11/08
<p>The plan shall be implemented by the operator within 3 months from the date of approval in writing by the Agency.</p>	

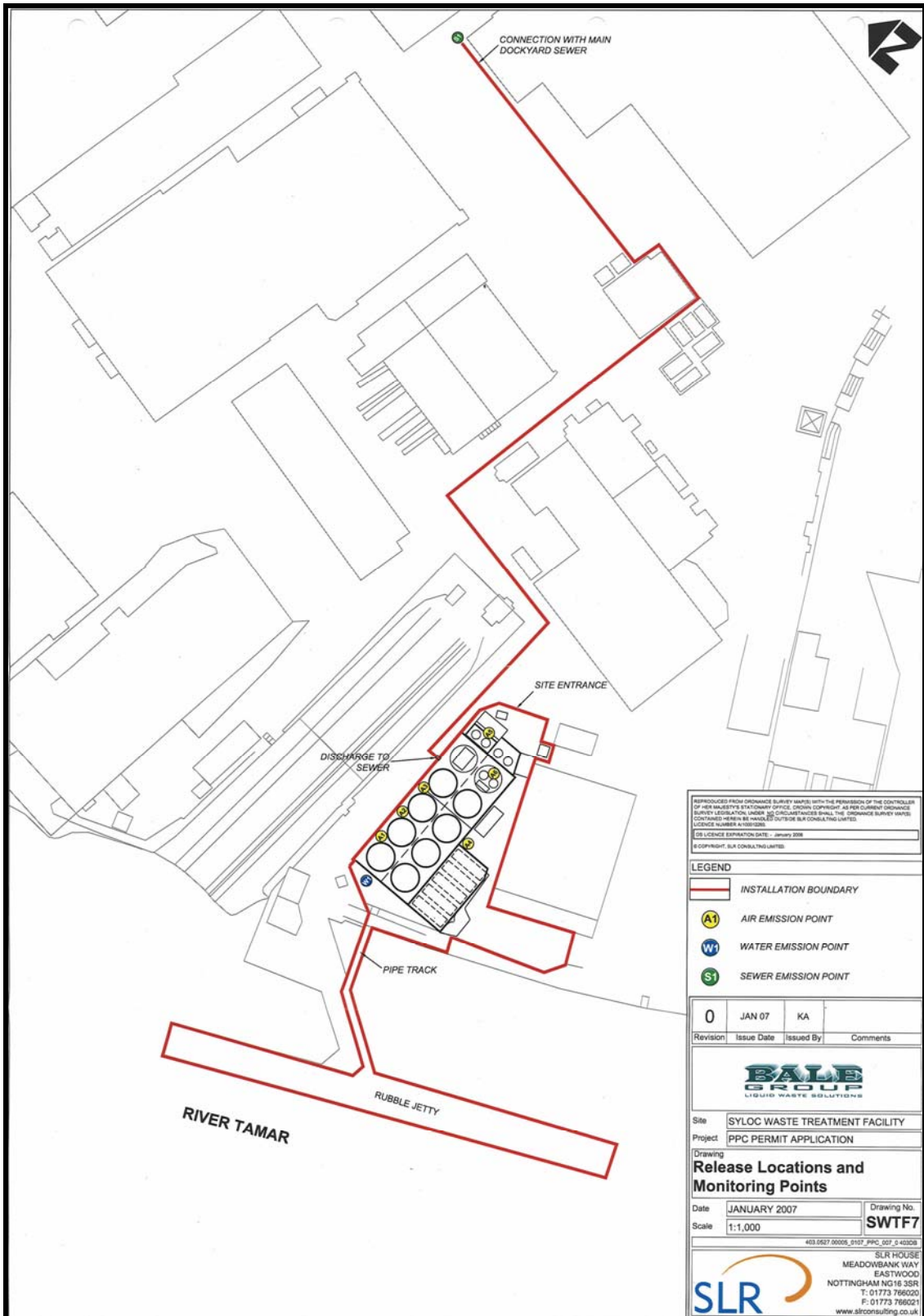
Table S1.6 Appropriate measures for odour

Measure	Dates
An odour management plan shall be submitted to the 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)).	01/11/08
<p>The plan shall be implemented by the operator from the date of approval in writing by the Agency.</p>	

Table S1.7 Appropriate measures for noise

Measure	Dates
A noise management plan shall be submitted to the Agency, detailing the measures to be used to control emissions of noise and shall be accordance with Appendix 4 (noise management plan) of Horizontal Guidance Note H3 (Horizontal Noise Guidance) Part 2).	01/11/08
<p>The plan shall be implemented by the operator from the date of approval in writing by the Agency.</p>	

Schedule 2 - Site plan



Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

Raw materials and fuel description	Specification
-	-

Table S3.2 Permitted waste types and quantities for storage and treatment of waste oil that contain oil and possesses any of the following hazardous properties: H14 Ecotoxic, H5 Harmful and H7 Carcinogenic

Maximum quantity	Maximum storage capacity 1331.5 m ³ for all wastes in Table S3.2
Waste code	Description
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
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 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 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05 01*	Solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07 01*	Fuel oil and diesel
13 07 03*	Other fuels (including mixtures)
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions

Table S3.2 Permitted waste types and quantities for storage and treatment of waste oil that contain oil and possesses any of the following hazardous properties: H14 Ecotoxic, H5 Harmful and H7 Carcinogenic

Maximum quantity	Maximum storage capacity 1331.5 m ³ for all wastes in Table S3.2
Waste code	Description
13 08 99*	mixtures of waste oils which fall under chapter 13, (excluding the following - mixtures of chlorinated and non-chlorinated entries together, and mixtures of PCB contaminated entries with uncontaminated entries).
16 01 13*	Brake fluids
16 07 08*	wastes containing oil
19 07 02*	Landfill Leachate containing dangerous substances
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 13 05*	Sludges from groundwater remediation containing dangerous substances
19 13 07*	Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S3.3 Permitted waste types and quantities for storage and treatment of non-hazardous waste

Maximum quantity	Maximum storage capacity 911.5 m ³ for all wastes in Table S3.3
EWC Code	Description
16 10 02	Aqueous liquid wastes other than those mentioned in 16 01 01
19 07 03	Landfill leachate other than those mentioned in 19 07 02
19 13 08	Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

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-A6 on site plan in Schedule 2	-	Storage tanks 1 to 24	-	-	-	-

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 Tamar Estuary.	Oils	Uncontaminated site surface runoff	No visible oils or grease	-	Continuous	-

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, South West Water sewer to Plymouth Central Sewage Treatment Works	Effluent flow	Site effluent from treatment plant	--	Reported as daily average over one month	Continuous	MCERTS, on completion of IC4

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 sewer Parameters as required by condition 3.6.1.	S1	Every 6 months	01/01/2008
Emissions to water Parameters as required by condition 3.6.1	W1	Every 6 months	01/01/2008

Table S5.2: Annual production/treatment

Parameter	Units
Quantity of waste oil produced for RFO manufacture	tonnes
Quantity of waste water discharged to sewer	tonnes
Quantity of residual waste sludge sent for further treatment	tonnes

Table S5.3 Performance parameters

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

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	01/09/2007
Water usage	Form water usage1 or other form as agreed in writing by the Agency	01/09/2007
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	01/09/2007
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	01/09/2007

Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection
--

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit
--

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Bale Group Limited

Schedule 7 - Interpretation

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

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

"*annually*" means once every year.

"*application*" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations.

"*authorised officer*" means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"*background concentration*" means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

"*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.

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

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

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

"*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.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

END OF PERMIT