



ENVIRONMENT  
AGENCY

## Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Holden Close Waste Management  
Facility

U.K. Resource Management Limited  
Bolckow Industrial Estate  
Grangetown  
Middlesbrough  
TS6 7AL

Permit number  
ZP3233UE

# Holden Close Waste Management Facility

## Permit Number ZP3233UE

### Introductory note

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

The main features of the installation are as follows.

Holden Close Waste Management Facility, operated by U.K. Resource Management Limited, is a hazardous waste and non-hazardous waste transfer and treatment facility. The Site is situated in a predominantly industrial area; it is bounded immediately to the south with an area of open land, which is owned by U.K. Resource Management Limited and is currently used as a vehicle parking area. Beyond this land is the A66 and further industrial units and residential properties. The Site is bound to the west by Eston Road beyond which is Teeside Laboratories. To the north of the Site is a building for which the current use is not known, beyond which is an area of vacant land. The Site is bound to the east by Holden Close, an area of vacant land and a number of industrial units.

Potential receptors around the Site include residential properties located south and southeast of the Site, Teeside Laboratories to the west, an adult education centre to the east and other industrial works located to the north and northeast of the Site. No Sites of Special Scientific Interest have been identified within a 2 km radius of the Site.

At the installation accepted wastes are either stored and sorted before being dispatched for off-site disposal at other appropriately licensed facilities, or are treated on-site for disposal via Ultrafiltration (UF) followed by a Membrane Bioreactor (MBR). Treated waste is either discharged to sewer or tankered off-site for disposal at an appropriate facility. A drum re-processing facility is also subject to the permit, and is used to clean empty drums arising from treatment and transfer operations at the installation.

The principal point source emissions to air from the installation have been identified as being the following: waste storage/blending tanks and the MBR tank. The installation has one emission point through which the operator discharges effluent to public sewer.

The operator has an Environmental Management System accredited to the ISO14,001 standard.

<b>Status Log of the permit</b>		
<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
Application ZP3233UE	Duly made 24/04/2007	-
Additional Information requested	25/07/2007	25/10/2007
Additional Information requested	20/03/2008	23/04/2008
Additional Information requested	21/07/2008	25/07/2008
Additional Information received	14/08/2008	-
Additional Information received	02/10/2008	-
Permit ZP3233UE determined	10/11/2008	-

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

<b>Holder</b>	<b>Reference Number</b>	<b>Date of Issue</b>	<b>Fully or Partially Superseded</b>
U.K. Resource Management Limited	EAWML 66053	15/03/2002	Partially superseded

The Environmental Permit shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the Environmental Permit is authorised by this permit.

**Other existing Licences/Authorisations/Registrations relating to this site**

<b>Holder</b>	<b>Reference Number</b>	<b>Date of issue</b>
U.K. Resource Management Limited	EAWML 66053	15/03/2002

End of Introductory Note.

**Permit**

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Permit

Permit number

**ZP3233UE**

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

**U.K. Resource Management Limited** ("the operator"),

whose registered office is

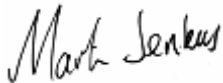
**Holden Close  
Bolckow Industrial Estate  
Middlesbrough  
Cleveland  
Teeside  
TS6 7AL**

company registration number 4106855

to operate an installation at

**Holden Close Waste Management Facility  
Holden Close  
Bolckow Industrial Estate  
Middlesbrough  
Cleveland  
Teeside  
TS6 7AL**

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

Signed	Date
	10 <sup>th</sup> November 2008

Martin Jenkins

Authorised to sign on behalf of the Agency.

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The activities shall be managed and operated:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

### 1.2 Accidents that may cause pollution

1.2.1 The operator shall:

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

### 1.3 Energy efficiency

1.3.1 The operator shall:

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

### 1.4 Efficient use of raw materials

1.4.1 The operator shall:

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

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

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

1.5.1. The operator shall:

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

## **1.6 Site security**

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

# **2. Operations**

## **2.1 Permitted activities**

2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

## **2.2 The site**

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

## **2.3 Operating techniques**

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

2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

2.3.3 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 3 table S3.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.
- (c) it is only processed in the activity specified in Table S1.1 of Schedule 1.

2.3.4 Records shall be kept of all waste accepted onto the site.

- 2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:
- The nature of the process producing the waste
  - The composition of the waste
  - The handling requirements of the waste
  - The hazard classification associated with the waste
  - The waste code of the waste
- 2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Off-site conditions**

There are no off-site conditions under this section.

## **2.5 Improvement programme**

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

## **2.6 Pre-operational conditions**

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

## **2.7 Closure and decommissioning**

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.
- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **2.8 Site protection and monitoring programme**

- 2.8.1 The operator shall, within 2 months of the issue of this permit, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

## **3. Emissions and monitoring**

### **3.1 Emissions to water, air or land**

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.

3.1.2 The limits given in schedule 4 shall not be exceeded.

### **3.2 Transfers off-site**

3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

### **3.3 Fugitive emissions of substances**

3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.

3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.

3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **3.4 Odour**

3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

### **3.5 Noise and vibration**

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

### **3.6 Monitoring**

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

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

- (b) Process monitoring specified in table S4.4.
- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme 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.

## **4. Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
  - (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) the site protection and monitoring programme.
- 4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.
- 4.1.3 All records required to be held by this permit shall be held on the installation and shall be available for inspection by the Agency at any reasonable time.

## 4.2 Reporting

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
  - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
  - (c) the annual production/treatment data set out in schedule 5 table S5.2;
  - (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
  - (e) details of any contamination or decontamination of the site which has occurred.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
  - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

## 4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit;
  - (c) any significant adverse environmental effects.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the activities;
  - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any 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**

<b>Activity listed in Schedule 1 of the PPC Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
Section 5.3 A(1)(a)	Storage of hazardous wastes. (D15)	Storage of Hazardous Wastes listed in Table S3.2, column 1, marked 'X'. Containerised wastes stored in bays 1 -13 as shown on drawing no. ASR4c, dated 02 October 2008. Bulk Wastes stored in tanks 1, 2, 3 and Machine Wash Storage Tank (tank 5) as shown on drawing no. ASR4c, dated 02 October 2008.
Section 5.3 A(1)(a)	Repackaging of hazardous wastes. (D14)	Repackaging of hazardous wastes undertaken in bays 1 -13 and Bulking Area as shown on drawing no. ASR4c, dated 02 October 2008. Hazardous Wastes listed in Table S3.2, column 1, marked 'X'.
Section 5.3 A(1)(a)	Blending or mixing of hazardous wastes prior to submission of any operation numbered D1 to D12. (D13)	Blending or Mixing of wastes undertaken in tanks 1, 2, 3 and 4 as shown on drawing no. ASR4c, dated 02 October 2008. Wastes listed in Table S3.2, column 2, marked 'X'.
Section 5.3 A(1)(a)	Physico-chemical treatment of hazardous wastes by settlement and phase separation. (D9)	Treatment undertaken in the 3-stage interceptor as shown on drawing no. ASR4c, dated 02 October 2008. Wastes listed in Table S3.2, column 2, marked 'X'.
Section 5.3 A(1)(a)	Physico-chemical treatment of hazardous wastes by Ultra Filtration (UF). (D9)	Treatment undertaken in the Ultra Filtration plant as shown on drawing no. ASR4c, dated 02 October 2008. Wastes listed in Table S3.2, column 2, marked 'X'. Including incidental waste storage in tank 6.
Section 5.3 A(1)(a)	Biological treatment of hazardous wastes by Membrane Bioreactor (MBR). (D9)	Treatment undertaken in the MBR plant (tank 7 and associated plant) as shown on drawing no. ASR4c, dated 02 October 2008. Wastes listed in Table S3.2, column 2, marked 'X'. Including storage of oxygen in the Oxygen Tank as a directly associated activity. Including storage of waste produced by the treatment process prior to off site disposal as a directly associated activity.
<b>Directly Associated Activity</b>		
Storage of non-hazardous waste.	Storage of non-hazardous wastes (D15) prior to on-site treatment (including repackaging and blending/mixing (D13, D14) where necessary for treatment).	Non-hazardous Wastes listed in Table S3.2, column 1, marked 'X'. Containerised wastes stored in the Bays 1 to 13 as shown on drawing no. ASR4c, dated 02 October 2008. Bulk Wastes stored in tanks 1, 2, 3 as shown on drawing no. ASR4c, dated 02 October 2008.

**Table S1.1 activities**

<b>Activity listed in Schedule 1 of the PPC Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
Washing and shredding or crushing of waste containers.	Washing of waste containers. Size reduction of waste containers by crushing or shredding. (R3/R4)	Washing of waste containers undertaken in the Drum Washer as shown on drawing as shown on drawing no. ASR4c, dated 02 October 2008, including the associated emission abatement and control equipment.  Shredding of washed plastic, waste containers and crushing of washed metal, waste containers undertaken in the drum crusher and shredder as shown on drawing as shown on drawing no. ASR4c, dated 02 October 2008.  Containers arising from repackaging operations only.

**Table S1.2 Operating techniques**

<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	The response to sections 2.1 and 2.2 in the Application.	24/04/2007
Schedule 4 Notice Request dated 25/07/2007	All parts, excluding drawing no. ASR4a, dated 28 September 2006.	25/10/2007
Request for information dated 20/03/2008	All parts, excluding response to question 14.	23/04/2008
Request for information dated 21/07/2008	All parts	25/07/2008
Additional information received.	All parts excluding drawing no. ASR4b, dated 14 August 2008.	14/08/2008
Additional information received.	All parts	02/10/2008

**Table S1.3 Improvement programme requirements**

<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IP1	The operator shall submit to the Agency a written report on the development of roofed storage for bay 9 (as shown on drawing no. ASR4c, dated 02 October 2008). The report shall demonstrate that the bay and containment measures are in accordance with the requirements of Sector Guidance Note S5.06. A plan of action with a timetable for implementing the chosen techniques shall be submitted. The plan shall be implemented by the operator from the date of approval in writing by the Agency.	10/05/2009
IP2	The operator shall submit to the Agency a written report on abatement options for the MBR Biological Reactor (Tank T7 as shown on drawing no. ASR4c, dated 02 October 2008). The purpose of the report shall be to identify options which will prevent or minimise potential releases to air, including odour. A plan of action with a timetable for implementing the chosen techniques shall be submitted. The plan shall be implemented by the operator from the date of approval in writing by the Agency.	10/02/2009
IP3	The operator shall submit to the Agency a written report on the development of a separate quarantine storage area, that replaces the use of bays 1 and 2 for quarantine storage. The report shall demonstrate that the quarantine storage area is in accordance with the requirements of Sector Guidance Note S5.06. A plan of action with a timetable for implementing the chosen techniques shall be submitted. The plan shall be implemented by the operator from the date of approval	10/02/2009

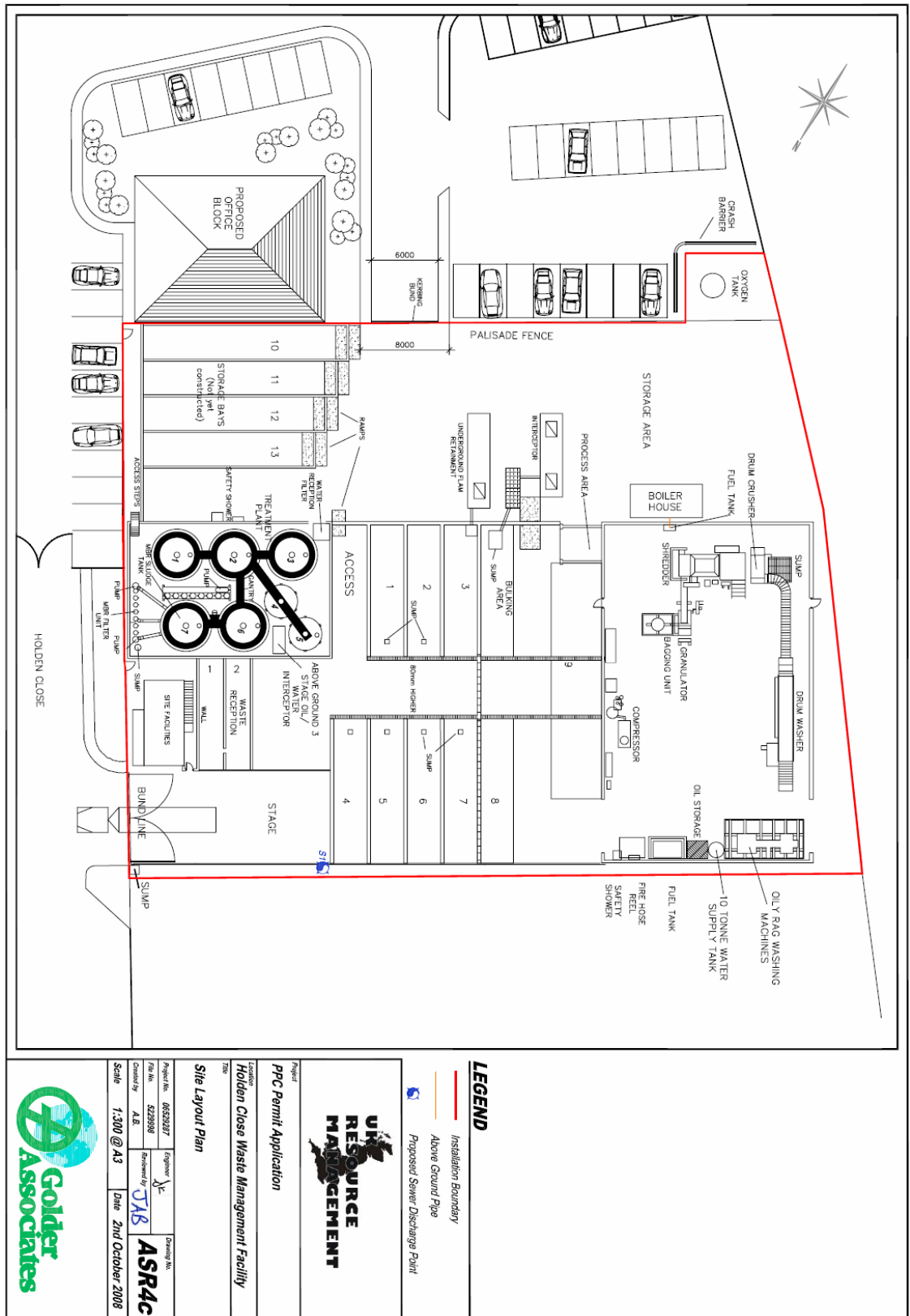
**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
	in writing by the Agency.	
IP4	<p>The operator shall submit to the Agency a written report on the results of a monitoring exercise to confirm the estimated releases of substances modelled in the H1 assessment of the MBR process effluent. Releases shall be assessed over a representative range of operating conditions.</p> <p>The report shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>• a summary of the monitoring results;</li> <li>• comparison with the benchmark figures for the releases;</li> <li>• a revised impact assessment for the emissions, in accordance with the H1 methodology.</li> </ul>	10/11/2009

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

Reference	Operation	Pre-operational measures
1	Development of storage bays 10 to 13	Prior to construction of storage bays 10 to 13 (as shown on drawing no. ASR4c, dated 02 October 2008), the operator shall submit a written report on the design of the bays demonstrating that the bays and containment measures are in accordance with the requirements of Sector Guidance Note S5.06. A plan of action with a timetable for implementing the chosen techniques shall be submitted. The plan shall be implemented by the operator from the date of approval in writing by the Agency.

# Schedule 2 - Site plan



### LEGEND

- Installation Boundary
- Above Ground Pipe
- Proposed Sewer Discharge Point



Project  
PPC Permit Application

Location  
Holden Close Waste Management Facility

Title  
Site Layout Plan

Project No.	06520287	Approved	JK	Planning No.
Rev No.	522998	Reviewed by	JAB	ASR4C
Created by	A.B.	Date	2nd October 2008	
Scale	1:300 @ A3			



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

**Table S3.1 Raw materials and fuels**

Raw materials and fuel description	Specification
None	

**Table S3.2 Permitted waste types and quantities.**

Maximum quantity	Description	1. Storage & repackaging	2. Treatment
	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.		
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>01</b>	<b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b>		
<b>01 03</b>	<b>wastes from physical and chemical processing of metalliferous minerals</b>		
01 03 04*	acid-generating tailings from processing of sulphide ore	X	
01 03 05*	other tailings containing dangerous substances	X	
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals	X	
<b>01 04</b>	<b>wastes from physical and chemical processing of non-metalliferous minerals</b>		
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals	X	
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>		
01 05 05*	oil-containing drilling muds and wastes	X	
01 05 06*	drilling muds and other drilling wastes containing dangerous substances	X	
<b>02</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>		
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>		
02 01 08*	agrochemical waste containing dangerous substances	X	
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>		
<b>03 01</b>	<b>wastes from wood processing and the production of panels and furniture</b>		
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances	X	
<b>03 02</b>	<b>wastes from wood preservation</b>		
03 02 01*	non-halogenated organic wood preservatives	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
03 02 02*	organochlorinated wood preservatives	X	
03 02 03*	organometallic wood preservatives	X	
03 02 04*	inorganic wood preservatives	X	
03 02 05*	other wood preservatives containing dangerous substances	X	
<b>04</b>	<b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>		
<b>04 01</b>	<b>wastes from the leather and fur industry</b>		
04 01 03*	degreasing wastes containing solvents without a liquid phase	X	
<b>04 02</b>	<b>wastes from the textile industry</b>		
04 02 14*	wastes from finishing containing organic solvents	X	
04 02 16*	dyestuffs and pigments containing dangerous substances	X	
04 02 19*	sludges from on-site effluent treatment containing dangerous substances	X	
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>		
<b>05 01</b>	<b>wastes from petroleum refining</b>		
05 01 02*	desalter sludges	X	
05 01 03*	tank bottom sludges	X	
05 01 04*	acid alkyl sludges	X	
05 01 05*	oil spills	X	X
05 01 06*	oily sludges from maintenance operations of the plant or equipment	X	X
05 01 07*	acid tars	X	
05 01 08*	other tars	X	
05 01 09*	sludges from on-site effluent treatment containing dangerous substances	X	
05 01 11*	wastes from cleaning of fuels with bases	X	
05 01 12*	oil containing acids	X	
05 01 15*	spent filter clays	X	
<b>05 06</b>	<b>wastes from the pyrolytic treatment of coal</b>		
05 06 01*	acid tars	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
05 06 03*	other tars	X	
<b>05 07</b>	<b>wastes from natural gas purification and transportation</b>		
05 07 01*	wastes containing mercury	X	
<b>06</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>		
<b>06 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of acids</b>		
06 01 01*	sulphuric acid and sulphurous acid	X	
06 01 02*	hydrochloric acid	X	
06 01 03*	hydrofluoric acid	X	
06 01 04*	phosphoric and phosphorous acid	X	
06 01 05*	nitric acid and nitrous acid	X	
06 01 06*	other acids	X	
<b>06 02</b>	<b>wastes from the MFSU of bases</b>		
06 02 01*	calcium hydroxide	X	
06 02 03*	ammonium hydroxide	X	
06 02 04*	sodium and potassium hydroxide	X	
06 02 05*	other bases	X	
<b>06 03</b>	<b>wastes from the MFSU of salts and their solutions and metallic oxides</b>		
06 03 11*	solid salts and solutions containing cyanides	X	
06 03 13*	solid salts and solutions containing heavy metals	X	
06 03 15*	metallic oxides containing heavy metals	X	
<b>06 04</b>	<b>metal-containing wastes other than those mentioned in 06 03</b>		
06 04 03*	wastes containing arsenic	X	
06 04 04*	wastes containing mercury	X	
06 04 05*	wastes containing other heavy metals	X	
<b>06 05</b>	<b>sludges from on-site effluent treatment</b>		
06 05 02*	sludges from on-site effluent treatment containing dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>06 06</b>	<b>wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes</b>		
06 06 02*	wastes containing dangerous sulphides	X	
<b>06 07</b>	<b>wastes from the MFSU of halogens and halogen chemical processes</b>		
06 07 01*	wastes containing asbestos from electrolysis	X	
06 07 02*	activated carbon from chlorine production	X	
06 07 03*	barium sulphate sludge containing mercury	X	
06 07 04*	solutions and acids, for example contact acid	X	
<b>06 08</b>	<b>wastes from the MFSU of silicon and silicon derivatives</b>		
06 08 02*	wastes containing dangerous silicones	X	
<b>06 09</b>	<b>wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes</b>		
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances	X	
<b>06 10</b>	<b>wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture</b>		
06 10 02*	wastes containing dangerous substances	X	
<b>06 13</b>	<b>wastes from inorganic chemical processes not otherwise specified</b>		
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides.	X	
06 13 02*	spent activated carbon (except 06 07 02)	X	
06 13 04*	wastes from asbestos processing	X	
06 13 05*	soot	X	
<b>07</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>		
<b>07 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals</b>		
07 01 01*	aqueous washing liquids and mother liquors	X	X
07 01 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 01 04*	other organic solvents, washing liquids and mother liquors	X	
07 01 07*	halogenated still bottoms and reaction residues	X	
07 01 08*	other still bottoms and reaction residues	X	
07 01 09*	halogenated filter cakes and spent absorbents	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
07 01 10*	other filter cakes and spent absorbents	X	
07 01 11*	sludges from on-site effluent treatment containing dangerous substances	X	
<b>07 02</b>	<b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>		
07 02 01*	aqueous washing liquids and mother liquors	X	X
07 02 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 02 04*	other organic solvents, washing liquids and mother liquors	X	
07 02 07*	halogenated still bottoms and reaction residues	X	
07 02 08*	other still bottoms and reaction residues	X	
07 02 09*	halogenated filter cakes and spent absorbents	X	
07 02 10*	other filter cakes and spent absorbents	X	
07 02 11*	sludges from on-site effluent treatment containing dangerous substances	X	
07 02 14*	wastes from additives containing dangerous substances	X	
07 02 16*	wastes containing dangerous silicones	X	
<b>07 03</b>	<b>wastes from the MFSU of organic dyes and pigments (except 06 11)</b>		
07 03 01*	aqueous washing liquids and mother liquors	X	X
07 03 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 03 04*	other organic solvents, washing liquids and mother liquors	X	
07 03 07*	halogenated still bottoms and reaction residues	X	
07 03 08*	other still bottoms and reaction residues	X	
07 03 09*	halogenated filter cakes and spent absorbents	X	
07 03 10*	other filter cakes and spent absorbents	X	
07 03 11*	sludges from on-site effluent treatment containing dangerous substances	X	
<b>07 04</b>	<b>wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides</b>		
07 04 01*	aqueous washing liquids and mother liquors	X	X
07 04 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 04 04*	other organic solvents, washing liquids and mother liquors	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
07 04 07*	halogenated still bottoms and reaction residues	X	
07 04 08*	other still bottoms and reaction residues	X	
07 04 09*	halogenated filter cakes and spent absorbents	X	
07 04 10*	other filter cakes and spent absorbents	X	
07 04 11*	sludges from on-site effluent treatment containing dangerous substances	X	
07 04 13*	solid wastes containing dangerous substances	X	
<b>07 05</b>	<b>wastes from the MFSU of pharmaceuticals</b>		
07 05 01*	aqueous washing liquids and mother liquors	X	X
07 05 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 05 04*	other organic solvents, washing liquids and mother liquors	X	
07 05 07*	halogenated still bottoms and reaction residues	X	
07 05 08*	other still bottoms and reaction residues	X	
07 05 09*	halogenated filter cakes and spent absorbents	X	
07 05 10*	other filter cakes and spent absorbents	X	
07 05 11*	sludges from on-site effluent treatment containing dangerous substances	X	
07 05 13*	solid wastes containing dangerous substances	X	
<b>07 06</b>	<b>wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics</b>		
07 06 01*	aqueous washing liquids and mother liquors	X	X
07 06 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 06 04*	other organic solvents, washing liquids and mother liquors	X	
07 06 07*	halogenated still bottoms and reaction residues	X	
07 06 08*	other still bottoms and reaction residues	X	
07 06 09*	halogenated filter cakes and spent absorbents	X	
07 06 10*	other filter cakes and spent absorbents	X	
07 06 11*	sludges from on-site effluent treatment containing dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>07 07</b>	<b>wastes from the MFSU of fine chemicals and chemical products not otherwise specified</b>		
07 07 01*	aqueous washing liquids and mother liquors	X	X
07 07 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 07 04*	other organic solvents, washing liquids and mother liquors	X	
07 07 07*	halogenated still bottoms and reaction residues	X	
07 07 08*	other still bottoms and reaction residues	X	
07 07 09*	halogenated filter cakes and spent absorbents	X	
07 07 10*	other filter cakes and spent absorbents	X	
07 07 11*	sludges from on-site effluent treatment containing dangerous substances	X	
<b>08</b>	<b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</b>		
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>		
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances	X	
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances	X	
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	X	
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances	X	
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances	X	
08 01 21*	waste paint or varnish remover	X	
<b>08 03</b>	<b>wastes from MFSU of printing inks</b>		
08 03 12*	waste ink containing dangerous substances	X	
08 03 14*	ink sludges containing dangerous substances	X	
08 03 16*	waste etching solutions	X	
08 03 17*	waste printing toner containing dangerous substances	X	
08 03 19*	disperse oil	X	
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including waterproofing products)</b>		
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances	X	
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances	X	
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances	X	
08 04 17*	rosin oil	X	
<b>08 05</b>	<b>wastes not otherwise specified in 08</b>		
08 05 01*	waste isocyanates	X	
<b>09</b>	<b>WASTES FROM THE PHOTOGRAPHIC INDUSTRY</b>		
<b>09 01</b>	<b>wastes from the photographic industry</b>		
09 01 01*	water-based developer and activator solutions	X	
09 01 02*	water-based offset plate developer solutions	X	
09 01 03*	solvent-based developer solutions	X	
09 01 04*	fixer solutions	X	
09 01 05*	bleach solutions and bleach fixer solutions	X	
09 01 06*	wastes containing silver from on-site treatment of photographic wastes	X	
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03	X	
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	X	
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>		
<b>10 01</b>	<b>wastes from power stations and other combustion plants (except 19)</b>		
10 01 04*	oil fly ash and boiler dust	X	
10 01 09*	sulphuric acid	X	
10 01 13*	fly ash from emulsified hydrocarbons used as fuel	X	
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances	X	
10 01 16*	fly ash from co-incineration containing dangerous substances	X	
10 01 18*	wastes from gas cleaning containing dangerous substances	X	
10 01 20*	sludges from on-site effluent treatment containing dangerous substances	X	
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>10 02</b>	<b>wastes from the iron and steel industry</b>		
10 02 07*	solid wastes from gas treatment containing dangerous substances	X	
10 02 11*	wastes from cooling-water treatment containing oil	X	X
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances	X	
<b>10 03</b>	<b>wastes from aluminium thermal metallurgy</b>		
10 03 04*	primary production slags	X	
10 03 08*	salt slags from secondary production	X	
10 03 09*	black drosses from secondary production	X	
10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X	
10 03 17*	tar-containing wastes from anode manufacture	X	
10 03 19*	flue-gas dust containing dangerous substances	X	
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances	X	
10 03 23*	solid wastes from gas treatment containing dangerous substances	X	
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances	X	
10 03 27*	wastes from cooling-water treatment containing oil	X	
10 03 29*	wastes from treatment of salt slags and black drosses containing dangerous substances	X	
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>		
10 04 01*	slags from primary and secondary production	X	
10 04 02*	dross and skimmings from primary and secondary production	X	
10 04 03*	calcium arsenate	X	
10 04 04*	flue-gas dust	X	
10 04 05*	other particulates and dust	X	
10 04 06*	solid wastes from gas treatment	X	
10 04 07*	sludges and filter cakes from gas treatment	X	
10 04 09*	wastes from cooling-water treatment containing oil	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>10 05</b>	<b>wastes from zinc thermal metallurgy</b>		
10 05 03*	flue-gas dust	X	
10 05 05*	solid waste from gas treatment	X	
10 05 06*	sludges and filter cakes from gas treatment	X	
10 05 08*	wastes from cooling-water treatment containing oil	X	
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X	
<b>10 06</b>	<b>wastes from copper thermal metallurgy</b>		
10 06 03*	flue-gas dust	X	
10 06 06*	solid wastes from gas treatment	X	
10 06 07*	sludges and filter cakes from gas treatment	X	
10 06 09*	wastes from cooling-water treatment containing oil	X	
<b>10 07</b>	<b>wastes from silver, gold and platinum thermal metallurgy</b>		
10 07 07*	wastes from cooling-water treatment containing oil	X	
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>		
10 08 08*	salt slag from primary and secondary production	X	
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X	
10 08 12*	tar-containing wastes from anode manufacture	X	
10 08 15*	flue-gas dust containing dangerous substances	X	
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances	X	
10 08 19*	wastes from cooling-water treatment containing oil	X	
<b>10 09</b>	<b>wastes from casting of ferrous pieces</b>		
10 09 05*	casting cores and moulds which have not undergone pouring containing dangerous substances	X	
10 09 07*	casting cores and moulds which have undergone pouring containing dangerous substances	X	
10 09 09*	flue-gas dust containing dangerous substances	X	
10 09 11*	other particulates containing dangerous substances	X	
10 09 13*	waste binders containing dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
10 09 15*	waste crack-indicating agent containing dangerous substances	X	
<b>10 10</b>	<b>wastes from casting of non-ferrous pieces</b>		
10 10 05*	casting cores and moulds which have not undergone pouring, containing dangerous substances	X	
10 10 07*	casting cores and moulds which have undergone pouring, containing dangerous substances	X	
10 10 09*	flue-gas dust containing dangerous substances	X	
10 10 11*	other particulates containing dangerous substances	X	
10 10 13*	waste binders containing dangerous substances	X	
10 10 15*	waste crack-indicating agent containing dangerous substances	X	
<b>10 11</b>	<b>wastes from manufacture of glass and glass products</b>		
10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances	X	
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)	X	
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances	X	
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances	X	
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances	X	
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances	X	
<b>10 12</b>	<b>wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>		
10 12 09*	solid wastes from gas treatment containing dangerous substances	X	
10 12 11*	wastes from glazing containing heavy metals	X	
<b>10 13</b>	<b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>		
10 13 09*	wastes from asbestos-cement manufacture containing asbestos	X	
10 13 12*	solid wastes from gas treatment containing dangerous substances	X	
<b>10 14</b>	<b>waste from crematoria</b>		
10 14 01*	waste from gas cleaning containing mercury	X	

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<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>11</b>	<b>WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY</b>		
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)</b>		
11 01 05*	pickling acids	X	
11 01 06*	acids not otherwise specified	X	
11 01 07*	pickling bases	X	
11 01 08*	phosphatising sludges	X	
11 01 09*	sludges and filter cakes containing dangerous substances	X	
11 01 11*	aqueous rinsing liquids containing dangerous substances	X	
11 01 13*	degreasing wastes containing dangerous substances	X	
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances	X	
11 01 16*	saturated or spent ion exchange resins	X	
11 01 98*	other wastes containing dangerous substances	X	
<b>11 02</b>	<b>wastes from non-ferrous hydrometallurgical processes</b>		
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)	X	
11 02 05*	wastes from copper hydrometallurgical processes containing dangerous substances	X	
11 02 07*	other wastes containing dangerous substances	X	
<b>11 03</b>	<b>sludges and solids from tempering processes</b>		
11 03 01*	wastes containing cyanide	X	
11 03 02*	other wastes	X	
<b>11 05</b>	<b>wastes from hot galvanising processes</b>		
11 05 03*	solid wastes from gas treatment	X	
11 05 04*	spent flux	X	
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>		
<b>12 01</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)	X	

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<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)	X	X
12 01 08*	machining emulsions and solutions containing halogens	X	
12 01 09*	machining emulsions and solutions free of halogens	X	X
12 01 10*	synthetic machining oils	X	X
12 01 12*	spent waxes and fats	X	
12 01 14*	machining sludges containing dangerous substances	X	
12 01 16*	waste blasting material containing dangerous substances	X	
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	X	
12 01 19*	readily biodegradable machining oil	X	X
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances	X	
<b>12 03</b>	<b>wastes from water and steam degreasing processes (except 11)</b>		
12 03 01*	aqueous washing liquids	X	
12 03 02*	steam degreasing wastes	X	
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>		
<b>13 01</b>	<b>waste hydraulic oils</b>		
13 01 01*	hydraulic oils, containing PCBs	X	
13 01 04*	chlorinated emulsions	X	
13 01 05*	non-chlorinated emulsions	X	X
13 01 09*	mineral-based chlorinated hydraulic oils	X	
13 01 10*	mineral based non-chlorinated hydraulic oils	X	X
13 01 11*	synthetic hydraulic oils	X	X
13 01 12*	readily biodegradable hydraulic oils	X	X
13 01 13*	other hydraulic oils	X	X
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>		
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils	X	
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	X	X

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<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
13 02 06*	synthetic engine, gear and lubricating oils	X	X
13 02 07*	readily biodegradable engine, gear and lubricating oils	X	X
13 02 08*	other engine, gear and lubricating oils	X	X
<b>13 03</b>	<b>waste insulating and heat transmission oils</b>		
13 03 01*	insulating or heat transmission oils containing PCBs	X	
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	X	
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils	X	X
13 03 08*	synthetic insulating and heat transmission oils	X	X
13 03 09*	readily biodegradable insulating and heat transmission oils	X	X
13 03 10*	other insulating and heat transmission oils	X	X
<b>13 04</b>	<b>bilge oils</b>		
13 04 01*	bilge oils from inland navigation	X	X
13 04 02*	bilge oils from jetty sewers	X	X
13 04 03*	bilge oils from other navigation	X	X
<b>13 05</b>	<b>oil/water separator contents</b>		
13 05 01*	solids from grit chambers and oil/water separators	X	X
13 05 02*	sludges from oil/water separators	X	X
13 05 03*	interceptor sludges	X	X
13 05 06*	oil from oil/water separators	X	X
13 05 07*	oily water from oil/water separators	X	X
13 05 08*	mixtures of wastes from grit chambers and oil/water separators	X	X
<b>13 07</b>	<b>wastes of liquid fuels</b>		
13 07 01*	fuel oil and diesel	X	
13 07 02*	petrol	X	
13 07 03*	other fuels (including mixtures)	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>13 08</b>	<b>oil wastes not otherwise specified</b>		
13 08 01*	desalter sludges or emulsions	X	X
13 08 02*	other emulsions	X	X
<b>14</b>	<b>WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)</b>		
<b>14 06</b>	<b>waste organic solvents, refrigerants and foam/aerosol propellants</b>		
14 06 01*	chlorofluorocarbons, HCFC, HFC	X	
14 06 02*	other halogenated solvents and solvent mixtures	X	
14 06 03*	other solvents and solvent mixtures	X	
14 06 04*	sludges or solid wastes containing halogenated solvents	X	
14 06 05*	sludges or solid wastes containing other solvents	X	
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>		
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>		
15 01 10*	packaging containing residues of or contaminated by dangerous substances	X	
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers	X	
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>		
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	X	
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>		
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>		
16 01 07*	oil filters	X	
16 01 08*	components containing mercury	X	
16 01 09*	components containing PCBs	X	
16 01 11*	brake pads containing asbestos	X	
16 01 13*	brake fluids	X	
16 01 14*	antifreeze fluids containing dangerous substances	X	
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	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>		
16 02 09*	transformers and capacitors containing PCBs	X	
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09	X	
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC	X	
16 02 12*	discarded equipment containing free asbestos	X	
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	X	
16 02 15*	hazardous components removed from discarded equipment	X	
<b>16 03</b>	<b>off-specification batches and unused products</b>		
16 03 03*	inorganic wastes containing dangerous substances	X	
16 03 05*	organic wastes containing dangerous substances	X	
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>		
16 05 04*	gases in pressure containers (including halons) containing dangerous substances	X	
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	X	
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances	X	
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances	X	
<b>16 06</b>	<b>batteries and accumulators</b>		
16 06 01*	lead batteries	X	
16 06 02*	Ni-Cd batteries	X	
16 06 03*	mercury-containing batteries	X	
16 06 06*	separately collected electrolyte from batteries and accumulators	X	
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>		
16 07 08*	wastes containing oil	X	X
16 07 09*	wastes containing other dangerous substances	X	
<b>16 08</b>	<b>spent catalysts</b>		
16 08 02*	spent catalysts containing dangerous transition metals or dangerous transition metal compounds	X	
16 08 05*	spent catalysts containing phosphoric acid	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
16 08 06*	spent liquids used as catalysts	X	
16 08 07*	spent catalysts contaminated with dangerous substances	X	
<b>16 09</b>	<b>oxidising substances</b>		
16 09 01*	permanganates, for example potassium permanganate	X	
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate	X	
16 09 03*	peroxides, for example hydrogen peroxide	X	
16 09 04*	oxidising substances, not otherwise specified	X	
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>		
16 10 01*	aqueous liquid wastes containing dangerous substances	X	
16 10 03*	aqueous concentrates containing dangerous substances	X	
<b>16 11</b>	<b>waste linings and refractories</b>		
16 11 01*	carbon-based linings and refractories from metallurgical processes containing dangerous substances	X	
16 11 03*	other linings and refractories from metallurgical processes containing dangerous substances	X	
16 11 05*	linings and refractories from non-metallurgical processes containing dangerous substances	X	
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>		
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>		
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances	X	
<b>17 02</b>	<b>wood, glass and plastic</b>		
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances	X	
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>		
17 03 01*	bituminous mixtures containing coal tar	X	
17 03 03*	coal tar and tarred products	X	
<b>17 04</b>	<b>metals (including their alloys)</b>		
17 04 09*	metal waste contaminated with dangerous substances	X	
17 04 10*	cables containing oil, coal tar and other dangerous substances	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>		
17 05 03*	soil and stones containing dangerous substances	X	
17 05 05*	dredging spoil containing dangerous substances	X	
17 05 07*	track ballast containing dangerous substances	X	
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>		
17 06 01*	insulation materials containing asbestos	X	
17 06 03*	other insulation materials consisting of or containing dangerous substances	X	
17 06 05*	construction materials containing asbestos	X	
<b>17 08</b>	<b>gypsum-based construction material</b>		
17 08 01*	gypsum-based construction materials contaminated with dangerous substances	X	
<b>17 09</b>	<b>other construction and demolition wastes</b>		
17 09 01*	construction and demolition wastes containing mercury	X	
17 09 02*	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)	X	
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances	X	
<b>18</b>	<b>WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)</b>		
<b>18 01</b>	<b>wastes from natal care, diagnosis, treatment or prevention of disease in humans</b>		
18 01 06*	chemicals consisting of or containing dangerous substances	X	
18 01 10*	amalgam waste from dental care	X	
<b>18 02</b>	<b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>		
18 02 05*	chemicals consisting of or containing dangerous substances	X	
<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>		
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>		
19 01 05*	filter cake from gas treatment	X	
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
19 01 07*	solid wastes from gas treatment	X	
19 01 10*	spent activated carbon from flue-gas treatment	X	
19 01 11*	bottom ash and slag containing dangerous substances	X	
19 01 13*	fly ash containing dangerous substances	X	
19 01 15*	boiler dust containing dangerous substances	X	
19 01 17*	pyrolysis wastes containing dangerous substances	X	
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>		
19 02 04*	premixed wastes composed of at least one hazardous waste	X	
19 02 05*	sludges from physico/chemical treatment containing dangerous substances	X	
19 02 07*	oil and concentrates from separation	X	X
19 02 08*	liquid combustible wastes containing dangerous substances	X	
19 02 09*	solid combustible wastes containing dangerous substances	X	
19 02 11*	other wastes containing dangerous substances	X	
<b>19 03</b>	<b>stabilised/solidified wastes</b>		
19 03 04*	wastes marked as hazardous, partly stabilised	X	
19 03 06*	wastes marked as hazardous, solidified	X	
<b>19 04</b>	<b>vitrified waste and wastes from vitrification</b>		
19 04 02*	fly ash and other flue-gas treatment wastes	X	
19 04 03*	non-vitrified solid phase	X	
<b>19 07</b>	<b>landfill leachate</b>		
19 07 02*	landfill leachate containing dangerous substances	X	
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>		
19 08 06*	saturated or spent ion exchange resins	X	
19 08 07*	solutions and sludges from regeneration of ion exchangers	X	
19 08 08*	membrane system waste containing heavy metals	X	
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats	X	X

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	X	X
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water	X	
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water	X	
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>		
19 10 03*	fluff-light fraction and dust containing dangerous substances	X	
19 10 05*	other fractions containing dangerous substances	X	
<b>19 11</b>	<b>wastes from oil regeneration</b>		
19 11 01*	spent filter clays	X	
19 11 02*	acid tars	X	
19 11 03*	aqueous liquid wastes	X	X
19 11 04*	wastes from cleaning of fuel with bases	X	
19 11 05*	sludges from on-site effluent treatment containing dangerous substances	X	
19 11 07*	wastes from flue-gas cleaning	X	
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>		
19 12 06*	wood containing dangerous substances	X	
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	X	
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>		
19 13 01*	solid wastes from soil remediation containing dangerous substances	X	
19 13 03*	sludges from soil remediation containing dangerous substances	X	
19 13 05*	sludges from groundwater remediation containing dangerous substances	X	
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	X	
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>		
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>		
20 01 13*	solvents	X	
20 01 14*	acids	X	
20 01 15*	alkalines	X	

**Table S3.2 Permitted waste types and quantities.**

<b>Maximum quantity</b>	Containerised waste stored in bays 1 to 13: 2000 tonnes maximum capacity (subject to storage bay capacities). Bulk wastes in tanks 1 to 7: 620 tonnes maximum capacity. Annual throughput: 24,999 tonnes.	1. Storage & repackaging	2. Treatment
<b>Waste code</b>	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted, where marked "X")		
20 01 17*	photochemicals	X	
20 01 19*	pesticides	X	
20 01 21*	fluorescent tubes and other mercury-containing waste	X	
20 01 23*	discarded equipment containing chlorofluorocarbons	X	
20 01 25	edible oil and fat	X	X
20 01 26*	oil and fat other than those mentioned in 20 01 25	X	X
20 01 27*	paint, inks, adhesives and resins containing dangerous substances	X	
20 01 29*	detergents containing dangerous substances	X	
20 01 30	detergents other than those mentioned in 20 01 29	X	X
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	X	
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	X	
20 01 37*	wood containing dangerous substances	X	

## 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 (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
Vent from MBR Sludge Tank (Tank 7) (point 7 on site plan ref. ASR4c).	No parameters set.	MBR Sludge Tank (Tank 7).	No limit set	-	-	-
Vents from tanks 1, 2, 3, 4, 5 and 6 (points 1, 2, 3, 4, 5 and 6 on site plan ref. ASR4c).	No parameters set.	Tanks 1, 2, 3, 4, 5 and 6.	No limit set	-	-	Permanent sampling access not required.

**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
None	-	-	-	-	-	-

**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: (Point S1 on site plan ref. ASR4b) emission to Bran Sands Sewage Treatment Works.	None Set	Effluent from MBR process.	No limits set.	-	-	-

**Table S4.4 Process monitoring requirements**

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Process monitoring of MBR effluent.	In accordance with procedure QP32.	Per batch of effluent.	-	-

## 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
Process monitoring requirements Parameters as required by condition 3.6.1.	Process monitoring of MBR effluent	Every 6 months	10/11/2008

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

Parameter	Units
Effluent from the MBR process tankered offsite for disposal	m <sup>3</sup>

**Table S5.3 Performance parameters**

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

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Water usage	Form water usage1 or other form as agreed in writing by the Agency	10/11/2008
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	10/11/2008
Waste Return	Waste Return Form RATS2E or other form as agreed in writing by the Agency	-
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	10/11/2008

## 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	<b>ZP3233UE</b>
Name of operator	<b>U.K. Resource Management Limited</b>
Location of Installation	<b>Bolckow Industrial Estate Grangetown Middlesbrough TS6 7AL</b>
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	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.	

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

\* authorised to sign on behalf of U.K. Resource Management Limited.

## Schedule 7 - Interpretation

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

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

"*Annually*" means once every year.

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

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

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

"*Emissions to land*", includes emissions to groundwater.

"*Fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission limit.

"*Groundwater*" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

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

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

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

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

"*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