Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Welwyn Garden City Hazardous Waste Treatment and Transfer Facility
The Honeywagon Co. Ltd.
34 Burrowfield
Welwyn Garden City
Hertfordshire
AL7 4SR

Variation application number

EPR/ZP3535TP/V009

Permit number

EPR/ZP3535TP

Welwyn Garden City Hazardous Waste Treatment and Transfer Facility
Permit number EPR/ZP3535TP

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

All the conditions of the permit have been varied and are subject to the right of appeal.

This variation authorises the following changes:

- The addition of a Section 5.3 Part A(1)(a)(vi) *recycling or reclamation of inorganic materials other than metals or metal compounds* listed activity to table S1.1.
- The addition of a Section 5.3 Part A(1)(a)(ii) *recovery of hazardous waste with a capacity exceeding 10 tonnes per day by physico-chemical treatment* listed activity to table S1.1.
- The addition of a Section 5.4 Part A(1)(a)(ii) *disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment* listed activity to table S1.1.
- The addition of 15 new waste codes to the waste types tables in schedule 2.

The permit has been regularised by this variation and the site operates as follows:

The Honeywagon Co. Ltd. operate a waste treatment facility in Welwyn Garden City, NGR TL 23708 11625, which treats both hazardous and non-hazardous waste for the purpose of recovery and disposal. The wastes that the site treat are primarily delivered by vehicles that have collected bulked wastes from roads, drains, gullies and sumps/interceptors.

Wastes are treated through a G:MAX vibrating wash plant and a centrifuge in order to separate out the liquid and solid fractions. The liquid fraction is discharged to sewer under a trade effluent discharge consent. The solid fractions are sent off-site for recovery or disposal.

Material that requires treatment arrives at the site in a tanker, road sweeper or gully motor. Smaller vehicles will go on the weighbridge to be weighed before unloading. Larger vehicles which are unable to access the weighbridge are required to provide a volumetric weight.

Any liquids the lorry has on board will be pumped directly into the G:MAX vibrating wash plant treatment system via a four-inch pipe which is located at ground level alongside the plant. The vehicle operator will attach the pipe to the back of their lorry and use the on board pump to unload the material into the G:MAX vibrating wash plant.

Once the liquid component of the incoming waste has been removed, the lorry will be reversed over the in-ground reception pit and the residual waste will either be pushed or tipped out of the vehicle, depending on its design. This material will then be loaded into a hopper, using an excavator before being conveyed into the G:MAX vibrating wash plant for physico-chemical treatment.

Material entering the G:MAX vibrating wash plant will vibrate across the screening decks, where it is washed by a series of spray bars which cleans and separates the material based on size. Any material over 5mm in size is screened and deposited into an *"oversize"* storage bay. This typically includes leaves, stones and litter. Meanwhile any material less than 5mm but greater than 1mm will pass into a second screen and

eventually be deposited into a *"sand"* storage bay. Both the *"oversize"* and *"sand"* fractions which are screened out from the incoming waste are stored in their relevant bay pending collection by approved subcontractors.

The remaining liquid which is separated out flows down an outlet pipe and through a final static screen into a set of mixing tanks on the opposite side of the site via a series of pipes. This screen will catch anything that should be destined for the *"oversize"* bin that is lighter than water, e.g. pinecones, cable ties etc.

The water in the mixing tanks is kept in motion by a series of mixers that help prevent any suspended solids from settling at the bottom of the tank. From here, the water is pumped out of the tanks along a series of pipes into a centrifuge, which separates the solids from the liquids. The solids are combined with a liquid polymer, binding the solid material together into a filter cake. This filter cake is deposited into an open skip located directly below the centrifuge where it is temporarily stored pending collection by a third party. The final liquid component is then pumped into a set of 3 holding tanks. The holding tanks are designed to control the outgoing flow of water down the site's sewage discharge point, in accordance with the site's Thames Water Discharge Consent.

The site is located in an industrial area. The nearest residential receptors are approx. 150m to the east along Chequers Road. There is also a recreational park approx. 170m away. There is 1 Special Area of Conservation, 1 Site of Special Scientific Interest and 16 Local Wildlife Sites within the relevant habitats screening distances of the site. There are no changes to emissions to air, land or water resulting from variation EPR/ZP3535TP/V009.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	**Date**	**Comments**
Application EPR/UP3630GJ/A001	07/10/08 (duly made)	
Additional information received	03/12/08	
Permit determined EPR/UP3630GJ	11/02/09	
Variation determined EPR/UP3630GJ/V002	12/04/10	
Application EPR/ZP3535TP/T001 (Full transfer of permit EPR/UP3630GJ)	26/03/10 (duly made)	
Transfer determined EPR/ZP3535TP	21/04/10	
Application EPR/ZP3535TP/V002	09/08/10 (duly made)	
Variation Notice determined EPR/ZP3535TP/V002	19/08/10	
Application EPR/ZP3535TP/V003	25/01/11 (duly made)	
Further information received	09/02/11	
Variation Notice determined EPR/ZP3535TP/V003	17/02/11	
Application EPR/ZP3535TP/V004	Returned 18/08/11	
Application EPR/ZP3535TP/V005	Returned 20/02/12	
Application EPR/ZP3535TP/V006	03/08/12 (duly made)	
Additional Information Request	Issued	Received 13/07/12

	13/06/12	
Additional Information Request	Issued 19/07/12	Received 03/08/12
Schedule 5 Notice	Issued 28/08/12	Received 10/09/12
Schedule 5 Notice	Issued 02/10/12	Received 16/10/12
Variation Notice determined EPR/ZP3535TP/V006	16/11/2012	
Agency variation determined EPR/ZP3535TP/V007	12/03/14	Agency variation to implement the changes introduced by IED
Application EPR/ZP3535TP/V008	Returned 14/07/16	
Application received EPR/ZP3535TP/V009 (variation and consolidation)	15/12/16	Substantial variation to add listed activities, add waste codes, consolidate and regularise the permit.
Additional information requested by Request for Information letter, dated 16/05/17	Received 23/05/17, 25/05/17	Additional information including responses to questions 2-5 of part C3 of the application form, responses to appendix 5 of part C3 of the application form and an environmental risk assessment.
Application duly made EPR/ZP3535TP/V009	25/05/17	
Additional information requested by Schedule 5 notice, dated 23/06/17	Received 31/07/17, 07/09/17	Additional information regarding the Honeywagon Company drainage plan, process flow, process flow description, sludge treatment and disposal, waste pre-acceptance, waste acceptance and storage procedures received.
Permit Determined EPR/ZP3535TP/V009 (Billing ref: DP3330YW)	05/10/17	Consolidated permit issued to the Honeywagon Co. Ltd.

End of introductory note.

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/ZP3535TP

Issued to

The Honeywagon Co. Ltd. ("the operator")

whose registered office is

34 Burrowfield
Welwyn Garden City
Hertfordshire
AL7 4SR

company registration number 03238215

to operate a regulated facility at

Welwyn Garden City Hazardous Waste Treatment and Transfer Facility
34 Burrowfield
Welwyn Garden City
Hertfordshire
AL7 4SR

to the extent set out in the schedules.

The notice shall take effect from 05/10/17

Name	Date
Claire Roberts	**05/10/2017**

Authorised on behalf of the Environment Agency.

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/ZP3535TP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/ZP3535TP/V009 authorising,

The Honeywagon Co. Ltd. ("the operator"),

whose registered office is

34 Burrowfield
Welwyn Garden City
Hertfordshire
AL7 4SR

company registration number 03238215

to operate an installation at

Welwyn Garden City Hazardous Waste Treatment and Transfer Facility
34 Burrowfield
Welwyn Garden City
Hertfordshire
AL7 4SR

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

Name	Date
Claire Roberts	**05/10/2017**

Authorised on behalf of the Environment Agency.

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

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 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A5), the operator shall:

(a) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

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

1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A5), 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 four 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 further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

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

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 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 Environment Agency.

2.3.2 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2 and S2.3; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

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

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

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

Hazardous waste storage and treatment

2.3.5 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.4 Improvement programme

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

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 3 tables S3.1.

3.1.2 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

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

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

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

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

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

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

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in table S3.1;

3.5.2 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 unless otherwise agreed in writing by the Environment 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

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1 (A1 to A5), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment 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 the permit including an interpretive review of that data;

(b) the annual production/treatment data set out in schedule 4 table S4.1; and

(c) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment 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 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.3; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six 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 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter, if during that quarter the total amount accepted exceeds 100 tonnes of non-hazardous waste or 10 tonnes of hazardous waste.

4.3 Notifications

4.3.1 In the event:

(a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1(a)(i) shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

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

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
A1	S5.3 Part A(1)(a)(ii) Disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Treatment of hazardous waste through a vibrating wash plant for the purpose of disposal (D9).	Waste types specified in table 2.1. Total combined treatment capacity for activities A1 – A4 and A8 not to exceed 200 tonnes per day.
A2	S5.4 Part A(1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.	Treatment of non-hazardous waste through a vibrating wash plant for the purpose of disposal (D9).	Waste types specified in table 2.2. Total combined treatment capacity for activities A1 – A4 and A8 not to exceed 200 tonnes per day.
A3	S5.3 Part A(1)(a)(vi) Recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving recycling or reclamation of inorganic materials other than metals or metal compounds.	Treatment of hazardous waste through a vibrating wash plant for the purpose of recovery (R5).	Waste types specified in table 2.3. Total combined treatment capacity for activities A1 – A4 and A8 not to exceed 200 tonnes per day.
A4	S5.3 Part A(1)(a)(ii) Disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Centrifugation of hazardous waste for the purpose of disposal (D9).	Treatment of wastes arising from the vibrating wash plant. Total combined treatment capacity for activities A1 – A4 and A8 not to exceed 200 tonnes per day.
A5	S5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Storage of hazardous waste pending recovery (R13). Storage of hazardous waste pending disposal (D15).	Intermediate storage of hazardous wastes generated by activity A1, the storage of the hazardous filter cake produced by activity A4 pending collection by a third party and the storage of water produced by activity A4 pending discharge to sewer. Maximum storage time of 6 months from the date of receipt of waste. Maximum storage capacity not to exceed 187 tonnes at any one time.

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
	Directly Associated Activity		
A6	Discharge to sewer.	Waste water discharge to sewer (D6).	Subject to the conditions and constraints stated in the Thames Water trade effluent consent.
A7	Wash down activities.	Vehicle/tanker wash down for both hazardous and non-hazardous wastes.	Wash down activities are restricted to designated wash down areas.
Activity reference	**Description of activities for waste operations**	**Limits of activities**	
A8	R5: Recycling of inorganic non-hazardous compounds. D15: Storage of non-hazardous waste pending treatment for disposal. R13: Storage of non-hazardous waste pending treatment for recovery.	Waste types specified in table 2.2. Total combined treatment capacity for activities A1 – A4 and A8 not to exceed 200 tonnes per day. Storage of non-hazardous wastes pending treatment by the vibrating wash plant. Maximum storage time of 6 months from the date of receipt of waste. Maximum site storage capacity not to exceed 187 tonnes at any one time.	

Table S1.2 Operating techniques		
Description	**Parts**	**Date received**
Application	The response to section 5 of the application form.	22/08/08
Variation application	The response to questions 1-3 in Appendix 5 of application form C3.	25/01/11
Application EPR/ZP3535TP/V006	Application form part C3 – varying a bespoke installation permit.	03/08/12
Additional information request EPR/ZP3535TP/V006	Additional information request response – all.	13/07/12
Schedule 5 notice EPR/ZP3535TP/V006	Schedule 5 response – all.	10/09/12
Schedule 5 notice EPR/ZP3535TP/V006	Schedule 5 response – all (including discharge consent ref: TRMD0AD5).	16/10/12
Application EPR/ZP3535TP/V009	Responses to questions 1-4 of part C4 of the application form and the referenced supporting documentation.	15/12/17
Responses to the request for more information, sent on 16/05/17	Responses to questions 2-5 and 1-6 in appendix 5 of part C3 of the application form and the referenced supporting documentation.	23/05/17

	Environmental risk assessment.	25/05/17
Responses to the Schedule 5 notice, issued on 23/06/17	The Honeywagon Company drainage plan, process flow, process flow description, sludge treatment and disposal.	31/07/17
	Pre-acceptance procedures, acceptance procedures, waste storage and sampling flow chart.	07/09/17

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The operator shall undertake a 3 month period of monitoring as shown in Table 3.1 and a written report shall be submitted to the Agency on the due date.	Complete.
IC2	The operator is required to investigate on how a suitable scheme of sampling waste brought on to the site can be implemented which will fully meet the requirements of BAT as detailed in SGN 5.06. A written report shall be submitted to the Agency on the due date, detailing the methods to be employed, their suitability, and a proposed target date for when the system will be in place.	Complete.
IC3	The operator shall review the provision of MCERTS accreditation for the monitoring equipment, personnel and organisations employed for the emissions monitoring programme in condition 3.5.1, and where suitable standards are available at the time of the review, propose a time table for achieving this standard for any elements that are not MCERTS certified in accordance with condition 3.5.3.	The requirements of this condition no longer apply and have been withdrawn.
IC4	The operator shall review how it assesses compliance with the Waste Oils Directive with respect to the potential presence of PCBs in the wastes accepted on sites. A written report shall be submitted to the Environment Agency on the due date, detailing the methods to be employed, their suitability, and a proposed target date for when the system will be in place.	The requirements of this condition no longer apply and have been withdrawn.
IC5	The operator shall submit a written review of the current surfacing measures to be put in place against the requirements of section 2.2.5 of SGN 5.06. This review shall include the proposals for the provision of concreting of operational areas including construction standards and maintenance measures, where required. The procedure must contain dates for the implementation of these of these measures.	Complete.
IC6	The operator shall submit a written review of the current containment measures to be put in place for the storage of tanks and associated pipe work against the requirements in section 2.2.5 of SGN 5.06. This review shall include the proposals for the provision of storage tank and associated pipe work bunding, construction standards and maintenance measures, where required. This procedure musty contain dates for the implementation of individual measures.	Complete.
IC7	The operator shall have an independent review undertaken of the integrity of all storage tanks, bunding and surfacing for all process areas against the requirements of section 2.2.5 of the sector guidance note S5.06. The outcome of this review shall be submitted in writing to the Agency, along with proposed timescales for the implementation of any improvements identified.	Complete.
IC8	The operator shall carry out an assessment of the containment measures	Superseded by

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
	that exist on site with the purpose of preventing fugitive releases from the non-hazardous wastes stored within the installation. The assessment will take into account the requirements of the Sector Guidance Note IPPC S5.06 Issue 3, December 2004 (Section 2.1.3). The assessment shall specifically focus upon, but not limited to, - The equipping of tanks and vessels with suitable abatement systems and level meters with both audible and visual high-level alarms. - Measures taken to ensure that any spillage on the areas of limited hard standing will not migrate into the surrounding permeable ground. - The routine programmed inspection of tanks, and mixing vessels including periodic thickness testing. - Storage vessels holding flammable or highly flammable wastes should meet the requirements of HSG51, HSG140, HSG716 and HSG176. - Underground or partially underground vessels without secondary containment should be scheduled for replacement with above ground structures, for example, double skinned vessels with leakage detection. - Pipework should preferably be routed above ground; if below ground it should be contained within suitable inspection channels. A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be proposed in this report. Following written approval by the Agency these improvements shall be implemented.	IC13.
IC9	The operator shall submit written procedures to the Environmental Agency for approval. The procedures must address pre-acceptance and acceptance measures for assessing the suitability of the EWC codes contained in Table S3.2 for treatment at the facility in accordance with Sector Guidance Note IPPC S5.06 Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, The procedures must contain dates for the implementation of individual measures. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. You must implement the procedures as approved, and from the date stipulated by the Environment Agency.	Complete.
IC10	The operator shall review, and where identified, update the written operational procedures for pre-acceptance, acceptance and storage of waste on site. The operator shall provide, in writing, a summary report of this review, to be submitted to the Environment Agency following six months operation. The reviewed procedures shall be subject to written approval by an officer of the Environment Agency. The procedures shall be written in accordance with SGN S 5.06 Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste. This improvement programme requirement will be deemed to have been complied with following written notification by an officer of the Environment Agency. Procedures shall be implemented as approved, and from the date stipulated, by the Environment Agency.	Complete.

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC11	The operator shall provide, in writing, to the Environment Agency a report justifying the inclusion of the European Waste Catalogue (EWC) codes ending in “99” currently included within table S3.1. Where known, the Operator will specify the waste accepted under each 99 code, together with detail of the source and process creating that waste. Furthermore, the Operator will state the pre-identified route and transition to disposal and/or recovery.	Complete.
IC12	The operator shall submit, to the Environment Agency, written procedures detailing the techniques and equipment used to monitor emissions on site. All monitoring procedures shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency as specified within condition 3.5.3. Procedures shall be implemented as approved, and from the date stipulated, by the Environment Agency.	The requirements of this condition no longer apply and have been withdrawn.
IC13	The operator shall submit a written site condition report (SCR) to the Environment Agency for approval. The SCR shall contain, but not be limited to: • details for the of impermeable surfacing, • construction and protection measures for the underground pit, • bunding around storage and treatment areas and tanks, and • construction standards, inspection and maintenance measures • details of the waste oil treatment activity that was previously carried out at the site and how the operations have substantially changed as a result of variation EPR/ZP3535TP/V009 The SCR shall take account of the requirements specified in the Environment Agency’s H5 - Site condition report – guidance and templates. Once approved and from the date stipulated by the Environment Agency, the SRC shall be incorporated into the EMS. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit.	04/04/18

Schedule 2 – Waste types

Table S2.1: Permitted waste types and quantities for activity A1 – the treatment of hazardous waste through a vibrating wash plant for the purpose of disposal	
Maximum quantity	Total combined annual treatment capacity for activities A1 – A4 and A8 not to exceed 50,000 tonnes per year.
Restrictions	Wastes characterized by the following shall not be accepted: - Wastes with an oil content exceeding 1% - Odorous waste - Dusty wastes
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 05	**drilling muds and other drilling wastes**
01 05 05*	oil-containing drilling muds and wastes
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 03	**wastes from MFSU of printing inks**
08 03 12*	waste ink containing hazardous substances
08 03 19*	disperse oil
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 17*	rosin oil
10	**Wastes from thermal processes**
10 02	**wastes from the iron and steel industry**
10 02 11*	wastes from cooling-water treatment containing oil
10 03	**wastes from aluminium thermal metallurgy**
10 03 27*	wastes from cooling-water treatment containing oil
10 04	**wastes from lead thermal metallurgy**
10 04 09*	wastes from cooling-water treatment containing oil

10 05	**wastes from zinc thermal metallurgy**
10 05 08*	wastes from cooling-water treatment containing oil
10 06	**wastes from copper thermal metallurgy**
10 06 09*	wastes from cooling-water treatment containing oil
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 07*	wastes from cooling-water treatment containing oil
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 19*	wastes from cooling-water treatment containing oil
13	**Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)**
13 05	**oil/water separator contents**
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	**wastes of liquid fuels**
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	**oil wastes not otherwise specified**
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	**Wastes not otherwise specified in the list**
16 07	**wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
16 07 08*	wastes containing oil
16 10	**aqueous liquid wastes destined for off-site treatment**

16 10 01*	aqueous liquid wastes containing hazardous substances
16 10 03*	aqueous concentrates containing hazardous substances
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing hazardous substances
17 05 05*	dredging spoil containing hazardous substances
17 05 07*	track ballast containing hazardous substances
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 04*	premixed wastes composed of at least one hazardous waste (other oily plant sludges)
19 02 05*	sludges from physico/chemical treatment containing hazardous substances (tank bottoms from various customers' settlement plants)
19 02 07*	oil and concentrates from separation
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 13	**wastes from soil and groundwater remediation**
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 03*	sludges from soil remediation containing hazardous substances (limited to oil or other floating hydrocarbon based compounds)
19 13 05*	sludges from groundwater remediation containing hazardous substances (limited to oil or other floating hydrocarbon based compounds)
19 13 07*	aqueous liquid wastes and aqueous concentrations from groundwater remediation containing hazardous substances (limited to oil or other floating hydrocarbon based compounds)

Table S2.2: Permitted waste types and quantities for activity A2 – the treatment of non-hazardous waste through a vibrating wash plant for the purpose of disposal	
Maximum Quantities	Total combined annual treatment capacity for activities A1 – A4 and A8 not to exceed 50,000 tonnes per year.
Restrictions	Wastes characterized by the following shall not be accepted: - Wastes with an oil content exceeding 1% - Odorous waste - Dusty wastes
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	**wastes from physical and chemical processing of metalliferous minerals**
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	sludges from washing and cleaning
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 01	sludges from washing and cleaning
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	**wastes from sugar processing**
02 04 03	sludges from on-site effluent treatment
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**

02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 09	lime mud waste
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**Wastes from the leather, fur and textile industries**
04 01	**wastes from the leather and fur industry**
04 01 04	tanning liquor containing chromium
04 01 05	tanning liquor free of chromium
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02	**wastes from the textile industry**
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 06	**wastes from the pyrolytic treatment of coal**

05 06 04	waste from cooling columns
05 07	**wastes from natural gas purification and transportation**
05 07 02	wastes containing sulphur
06	**Wastes from inorganic chemical processes**
06 05	**sludges from on-site effluent treatment**
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06	**wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes**
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 09	**wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes**
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	**wastes from the manufacture of inorganic pigments and opacificiers**
06 11 01	calcium-based reaction wastes from titanium dioxide production
07	**Wastes from organic chemical processes**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 03	**wastes from the MFSU of organic dyes and pigments (except 06 11)**
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	**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**
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	**wastes from the MFSU of pharmaceuticals**
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**

07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	**wastes from MFSU of other coatings (including ceramic materials)**
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20

10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	wastes from cooling-water treatment
10 02	**wastes from the iron and steel industry**
10 02 01	wastes from the processing of slag
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	**wastes from aluminium thermal metallurgy**
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04	**wastes from lead thermal metallurgy**
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	**wastes from zinc thermal metallurgy**
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06	**wastes from copper thermal metallurgy**
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 01	slags from primary and secondary production
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 05	sludges and filter cakes from gas treatment
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**

10 13 04	wastes from calcination and hydration of lime
10 13 07	sludges and filter cakes from gas treatment
11	**Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	degreasing wastes other than those mentioned in 11 01 13
16	**Wastes not otherwise specified in the list**
16 08	**spent catalysts**
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05

19 03	**stabilised/solidified wastes**
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 04	**vitrified waste and wastes from vitrification**
19 04 04	aqueous liquid wastes from vitrified waste tempering
19 06	**wastes from anaerobic treatment of waste**
19 06 03	liquor from anaerobic treatment of municipal waste
19 07	**landfill leachate**
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 11	**wastes from oil regeneration**
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 09	minerals (for example sand, stones)

19 12 12	non-combustible sorting residues from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Table S2.3: Permitted waste types and quantities for activity A3 – treatment of hazardous waste through a vibrating wash plant for the purpose of recovery	
Maximum quantity	Total combined annual treatment capacity for activities A1 – A4 and A8 not to exceed 50,000 tonnes per year.
Restrictions	Wastes characterized by the following shall not be accepted: - Wastes with an oil content exceeding 1% - Odorous waste - Dusty wastes
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 05	**drilling muds and other drilling wastes**
01 05 05*	oil-containing drilling muds and wastes
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 03	**wastes from MFSU of printing inks**
08 03 12*	waste ink containing hazardous substances

08 03 19*	disperse oil
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 17*	rosin oil
10	**Wastes from thermal processes**
10 02	**wastes from the iron and steel industry**
10 02 11*	wastes from cooling-water treatment containing oil
10 03	**wastes from aluminium thermal metallurgy**
10 03 27*	wastes from cooling-water treatment containing oil
10 04	**wastes from lead thermal metallurgy**
10 04 09*	wastes from cooling-water treatment containing oil
10 05	**wastes from zinc thermal metallurgy**
10 05 08*	wastes from cooling-water treatment containing oil
10 06	**wastes from copper thermal metallurgy**
10 06 09*	wastes from cooling-water treatment containing oil
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 07*	wastes from cooling-water treatment containing oil
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 19*	wastes from cooling-water treatment containing oil
13	**Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)**
13 05	**oil/water separator contents**
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	**wastes of liquid fuels**

13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	**oil wastes not otherwise specified**
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	**Wastes not otherwise specified in the list**
16 07	**wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
16 07 08*	wastes containing oil
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 01*	aqueous liquid wastes containing hazardous substances
16 10 03*	aqueous concentrates containing hazardous substances
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing hazardous substances
17 05 05*	dredging spoil containing hazardous substances
17 05 07*	track ballast containing hazardous substances
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 04*	premixed wastes composed of at least one hazardous waste (other oily plant sludges)
19 02 05*	sludges from physic/chemical treatment containing hazardous substances (tank bottoms from various customers' settlement plants)
19 02 07*	oil and concentrates from separation
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 13	**wastes from soil and groundwater remediation**

19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 03*	sludges from soil remediation containing hazardous substances (limited to oil or other floating hydrocarbon based compounds)
19 13 05*	sludges from groundwater remediation containing hazardous substances (limited to oil or other floating hydrocarbon based compounds)
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances (limited to oil or other floating hydrocarbon based compounds)

Schedule 3 – Emissions and monitoring

Table S3.1 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: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Total Suspended Solids	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Chemical Oxygen Demand	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Settleable solids	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Rapidly Settleable solids	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Saponifiable oil or grease	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	pH	---	---	---	---	---
S1: discharge point as shown on the site layout plan in Schedule 7 (emission to Thames Water ETP)	Flow	---	---	---	---	---

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1: Annual production/treatment	
Parameter	**Units**
Treatment of hazardous waste	tonnes per year
Treatment of non-hazardous waste	tonnes per year
Treated waste sent for recovery	tonnes per year
Treated waste sent for disposal	tonnes per year

Table S4.2 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	m^3
Energy usage	Annually	MWh

Table S4.3 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Treatment of hazardous waste	Form “Annual production/treatment 1” or other form as agreed in writing by the Agency	05/10/17
Treatment of non-hazardous waste		
Treated waste sent for recovery		
Treated waste sent for disposal		
Water usage	Form “Water usage 1” or other form as agreed in writing by the Agency	05/10/17
Energy	Form “Energy 1” or other form as agreed by the Agency	05/10/17

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit 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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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 facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

"Annex I" means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"Annex II" means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"authorised officer" means any person authorised by the Environment 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.

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

"building" means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

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

"D" means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"emissions to land" includes emissions to groundwater.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"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.

"Hazardous property" has the meaning in Annex lll of the Waste Framework Directive.

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

"List of Wastes" means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on

waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

"pests" means birds, vermin and insects.

"R" means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"Waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

"Waste Framework Directive" or "WFD" means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

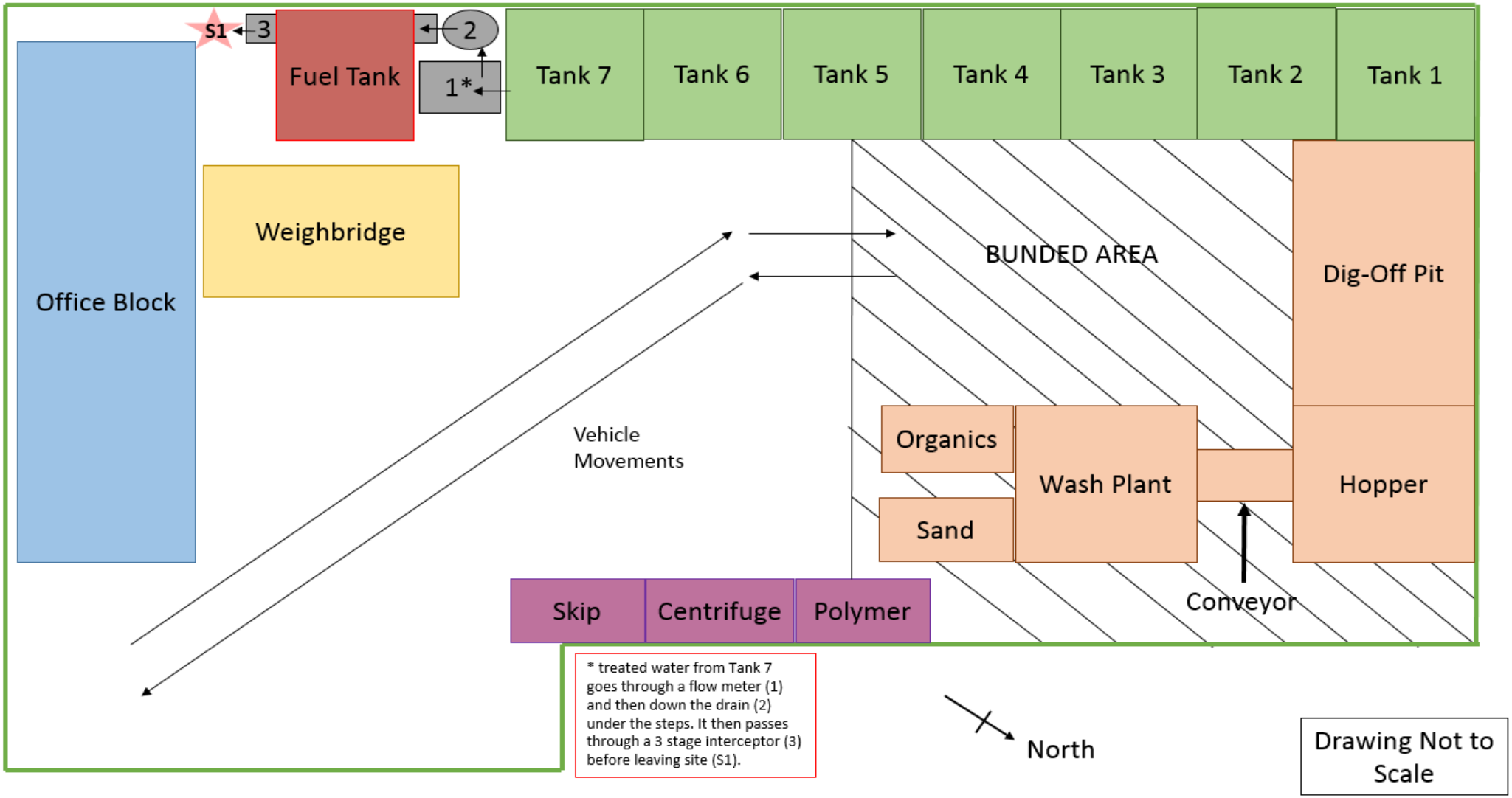
"year" means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables S2.1 and S2.3, have the meaning given below:

"hazardous substance" means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

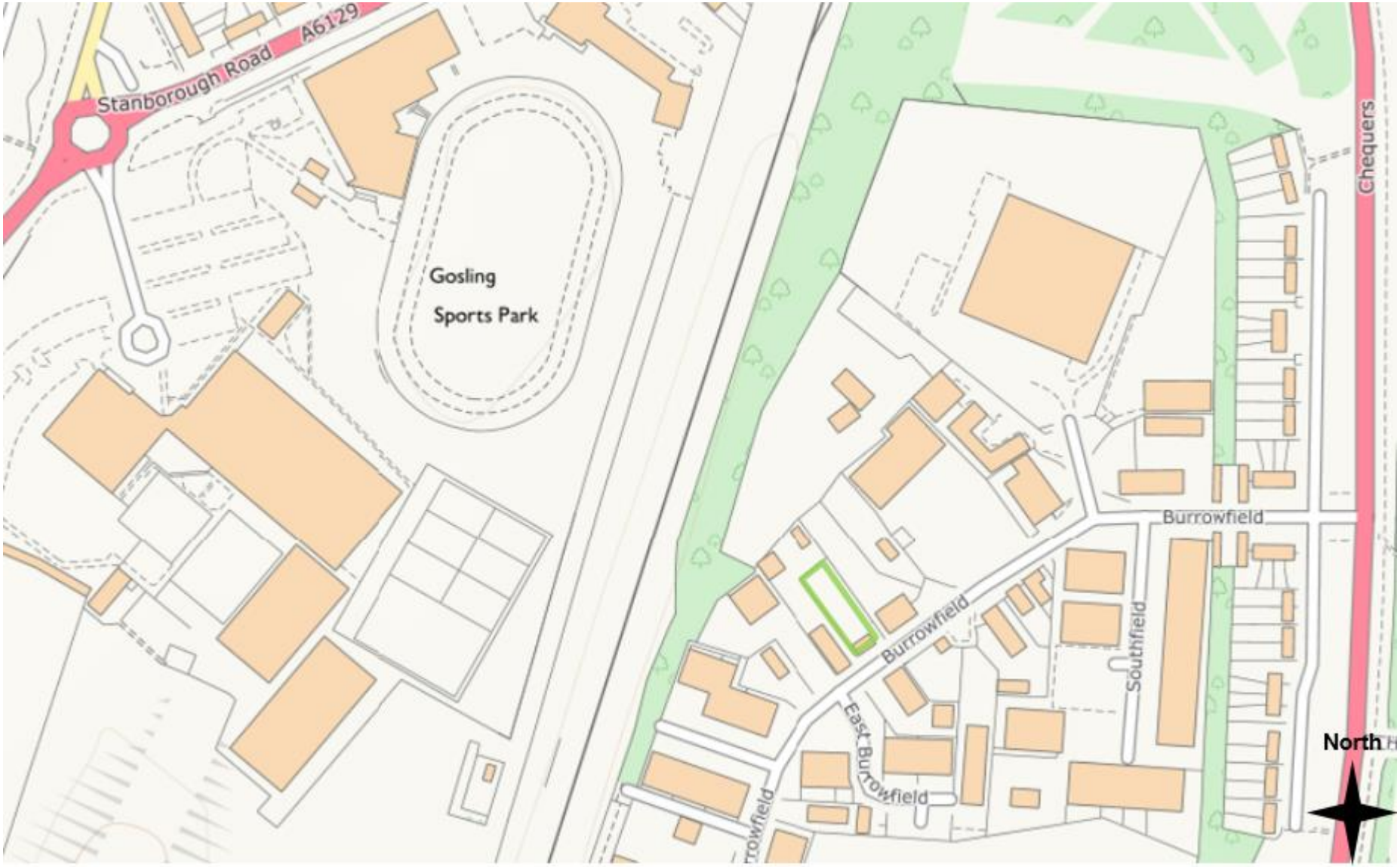
"transition metals" means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

Schedule 7 – Site plan


S1
3
2
1*
Fuel Tank
Tank 7
Tank 6
Tank 5
Tank 4
Tank 3
Tank 2
Tank 1
Office Block
Weighbridge
BUNDED AREA
Dig-Off Pit
Vehicle
Movements
Organics
Wash Plant
Hopper
Sand
Skip
Centrifuge
Polymer
Conveyor
* treated water from Tank 7 goes through a flow meter (1) and then down the drain (2) under the steps. It then passes through a 3 stage interceptor (3) before leaving site (S1).
North
Drawing Not to Scale

Site plan

Site location plan



END OF PERMIT.

Permit Number:	**EPR/ZP3535TP**	**Operator:**	**The Honeywagon Co. Ltd.**
Facility:	**Welwyn Garden City Hazardous Waste Treatment and Transfer Facility**	**Form Number:**	**Annual production/treatment 1 / 05/10/17**

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

Parameter	Units (tonnes per year)
Treatment of hazardous waste	
Treatment of hazardous waste	
Treated waste sent for recovery	
Treated waste sent for disposal	

Operator's comments:

Signed …… Date……..

(Authorised to sign as representative of Operator)

Permit Number: **EPR/ZP3535TP**

Operator: **The Honeywagon Co. Ltd.**

Facility: Welwyn Garden City Hazardous Waste Treatment and Transfer Facility

Form Number:

Water Usage 1 / 05/10/17

Reporting of Water Usage for the year yyyy

Water Source	Usage (m^3/year)	Specific Usage (m^3/unit output)
Mains water		
Site borehole		
River abstraction		
TOTAL WATER USAGE		

Operator's comments:

Signed …… Date……..

(authorised to sign as representative of Operator)

Permit Number:	**EPR/ZP3535TP**	**Operator:**	**The Honeywagon Co. Ltd.**
Facility:	**Welwyn Garden City Hazardous Waste Treatment and Transfer Facility**	**Form Number:**	**Energy 1 / 05/10/17**

Reporting of Energy Usage for the year yyyy

Energy Source	**Energy Usage**		
	Quantity	**Primary Energy (MWh)**	**Specific Usage (MWh/unit output)**
Electricity *	MWh		
Natural Gas	MWh		
Gas Oil	tonnes		
Recovered Fuel Oil	tonnes		
TOTAL	**-**		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed …… Date……..

(Authorised to sign as representative of Operator)