Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Cleansing Service Group Limited

CSG Worcester
Stanier Road
Warndon
Worcester
WR4 9FE

Variation application number

EPR/FP3532NV/V002

Consolidated permit number

EPR/FP3532NV

CSG Worcester
Permit number EPR/FP3532NV

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation of environmental permits EPR/FP3532NV and EAWML 46024 referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

The operator, Cleansing Service Group Limited, applied for a substantial variation to environmental permit EPR/FP3532NV and to consolidate this permit with waste management licence EAWML 46024.

The site, known as CSG Worcester, will be regulated under the following activities:

- Section 5.3 Part A (1)(a)(ii);physico-chemical treatment of hazardous oily wastes with a capacity exceeding 10 tonnes per day
- Section 5.3 Part A (1)(a)(ii);physico-chemical treatment by washing of empty containers containing hazardous residues
- Section 5.3 Part A (1)(a)(iii); disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing
- Section 5.3 Part A (1)(a)(iv); disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging
- Section 5.4 Part A (1)(a)(ii); disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment in an aqueous treatment plant
- Section 5.6 Part A (1)(a); temporary storage of hazardous waste with a total capacity exceeding 50 tonnes
- A16 Waste Operation; physical treatment of non-hazardous waste for the purposes of recovery
- Directly Associated Activities: storage of non-hazardous waste, tanker washout (hazardous), tanker washout (non-hazardous), storage of non-hazardous waste pending recovery, empty container storage, washing of empty containers containing non-hazardous residues.

Following recent acquisition of the site, the operator will be making improvements to the site's infrastructure including; the installation of three 42.5m^3 treatment tanks providing storage for sludge and waste oil and water mixtures, allowing for longer residence times within the treatment process that aids the gravitational settlement process, giving a higher quality of reusable oil to be recovered. Conical bases allow for a thicker sludge to be removed, again improving the quality of the recovered oil.

The operator shall further install a reception pit for incoming oil/water wastes. Wastes will be offloaded through a rotary screen into the pit before being transferred into the storage tanks, enabling the operator to remove any large solids and/or debris prior to the waste entering the storage tanks as sharp debris travelling through the treatment plant could cause damage. The reception pit will have a capacity of approximately 40m^3.

Furthermore the operator is undertaking major improvement works to the sites's existing bunding to ensure its compliance with the relevant CIRIA and BAT guidance as well as The Oil Recovery Sector Note.

CSG operates an integrated management system that is UKAS accredited to ISO 9001 and 14001 standards. Once the site is operational, it is intended to add the site to the ISO 9001 and 14001 accreditation for the group.

A maximum annual throughput of 24,950 tonnes of hazardous waste can be accepted on site. With regards the A16 waste operation: physical treatment of non-hazardous wastes for the purposes of recovery, an annual throughput limit of 75,000 tonnes applies.

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 permit A: EPR/FP3532NV		
Description	**Date**	**Comments**
Application EPR/PP3237SF/A001	Received 01/11/05	Application for environmental permit.
Transfer of application PP3237SF	Received 02/08/06	Application transferred to new applicant.
Permit PP3237SF determined	28/06/07	Application issued to Augean Waste Treatment Limited.
Variation FP3835XN	03/06/08	-
Agency variation determined EPR/PP3237SF/V003	07/01/14	Agency variation to implement the changes introduced by IED.
Application EPR/FP3532NV/T001 (full transfer of permit EPR/PP3237SF)	Duly made 16/04/14	Application to transfer the permit in full to Cleansing Service Group Limited.
Transfer determined EPR/FP3532NV (Billing Ref:FP3532NV)	15/05/14	Full transfer of permit complete.
Application for Variation EPR/FP3532NV/V002	Duly Made 26/02/15	
Schedule 5 Notice	Served 16/03/15	Requesting a revised site plan and details of the treatment capacities and storage volumes. Response received 14/04/15
Schedule 5 Notice	Served 20/03/15	Requesting a revised Odour Management Plan and operating techniques. Response received 22/04/15
Variation Determined EPR/FP3532NV/V002 (Billing Ref:AP3834WX)	Issued 20/05/15	

Status log of permit B: EAWML 46024		
Description	**Date**	**Comments**
Application for Waste Management Licence (Ref WR1.057.12)	Issued 18/06/97	Issued to Douglas Beal Feakins (trading as Norchem Environmental Services)
Modification	Issued 06/03/98	Conditions inserted for drum washing and crushing
Modification	Issued 06/04/00	Additional conditions to control waste and financial provision
Transfer notice	Issued 20/03/01	Transferred to Torndor PLC which became Betta Waste Limited on 27/04/01
Modification	Issued 20/03/01	Replacement of the financial provision condition as a result of the transfer above
Transfer notice	Issued 29/11/05	Transferred to Credential Environmental Limited
Transfer notice	Issued 09/01/07	Transferred to Augean Treatment Limited
Waste Management Licence partially superseded by issue of PPC permit RP3735XP (now known as EPR/FP3532NV)	28/06/07	Waste transfer for recovery remains the only extant activity under the Waste Management Licence. All other activities become regulated under the PPC permit.
Transfer of permit	Received 09/04/14	Application to transfer
Application EPR/AB3305CR/T001 (full transfer of permit EAWML 46024)	Duly made 30/04/14	Application to transfer the permit in full to Cleansing Service Group Limited.
Transfer determined EPR/AB3305CR (Billing Ref:- EAWML 46024)	15/05/14	Full transfer of permit complete.

End of introductory note.

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates environmental permits

Permit numbers

EPR/FP3532NV

EAWML 46024

Issued to

Cleansing Service Group Limited ("the operator")

whose registered office is

Chartwell House
5 Barnes Wallis Road
Segensworth East
Fareham
Hampshire
PO15 5TT

company registration number 530446

to operate regulated facilities at

CSG Worcester
Stanier Road
Warndon
Worcester
WR4 9FE

to the extent set out in the schedules.

The notice shall take effect from 20/05/2015

The number of the consolidated permit is EPR/FP3532NV

Name	Date
Simon Paterson	**20/05/2015**

Authorised on behalf of the Environment Agency

Schedule 1 – changes in the permit

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 2010

Permit number

EPR/FP3532NV

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FP3532NV/V002 authorising,

Cleansing Service Group Limited ("the operator"),

whose registered office is

Chartwell House
5 Barnes Wallis Road
Segensworth East
Fareham
Hampshire
PO15 5TT

company registration number 530446

to operate an installation at

CSG Worcester
Stanier Road
Warndon
Worcester
WR4 9FE

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

Name	Date
Simon Paterson	**20/05/2015**

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.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A11) the operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

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

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

1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A11) 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 For the following activities referenced in schedule 1, table S1.1 (A1 to A12) 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 For the following activities referenced in schedule 1, table S1.1 (A1 to A12) the activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

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

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3, S2.4, S2.5, S2.6, S2.7 and S2.8; and

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

2.3.5 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.

2.3.6 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

2.3.7 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.

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

2.5 Pre-operational conditions

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 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 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.

3.4 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.

3.5 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 tables S3.1 and S3.2;

(b) process monitoring specified in table S3.3

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

(b) implement the pests management plan, from the date of approval, 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

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

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 A12) 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 S4.2; and

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

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), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 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.

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

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

(a) the 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.

4.3.6 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 A(1)(a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities:	ii) physico-chemical treatment D9 R3	Treatment of wastes for the purpose of recovery via oil water separation. Treatment by gravitational separation of oil and water with the aqueous phase treated via the on-site aqueous treatment plant and oil phase sent offsite for further treatment prior to use as a recovered fuel oil. Sludge is subjected to further treatment offsite. Maximum storage capacity at any one time 450m^3. Maximum throughput of 24,950m^3 per annum. Waste types and quantities as specified in Schedule 2 table S2.2 and S2.3.
A2		ii) physico-chemical treatment D9 R3	Washing of empty drums and containers with hazardous residues. Including storage pending crushing and shredding. Maximum storage capacity at any one time 20 tonnes. Maximum throughput of 5 tonnes per day and 1,000 tonnes per annum. Waste types and quantities as specified in Schedule 2 table S2.2 and S2.3.
A3		iii) blending or mixing prior to submission to any of the other activities listed in this Section or Section 5.1 D13 R3	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing Maximum storage capacity at any one time 450m^3. Maximum throughput of 24,950m^3 per annum. Waste types and quantities as specified in Schedule 2 table S2.2 and S2.3.
A4		iv) repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1 D14	Repackaging and bulking of waste oil. Maximum storage capacity at any one time 450m^3. Maximum throughput of 24,950m^3 per annum. Waste types and quantities as specified in Schedule 2 table S2.2.
A5	S5.4 A(1)(a)(ii)	ii) physico-chemical	The treatment of non-hazardous liquid wastes

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**
	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving one or more of the following activities:	treatment D9	for the purposes of disposal, treated according to their physical and chemical characteristics enabling them to be discharged under the site's consent to sewer, through the use of two separate treatment plants on site. • the Aqueous Treatment Plant (ATP) include pH adjustment, precipitation, settlement and phase separation; and • The Sewage Treatment Plant (STP) accepts septic tank and cesspit waste treated by filtration with the addition of a small amount of polymer to induce flocculation of the solids Maximum storage capacity at any one time 300m^3 Maximum throughput of up to 75,000m^3 per annum. Waste types and quantities as specified in Schedule 2 and tables S2.4 and S2.5.
A6	S5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	D15 R13	Storage of asbestos waste as specified in Schedule 2 table S2.6. Storage of waste types and quantities as specified in Schedule 2 tables S2.2, S2.3. Storage of hazardous waste as substitute raw materials with waste types and quantities as specified in Schedule 2 tables 2.7 and 2.8. Waste to be stored as shown on plan CSGWorcs.plan.022015.rev2. Asbestos waste shall only be stored in sealed lockable containers. Maximum storage time of 6 months from date of receipt for any waste. Maximum storage capacity 600m^3 at any one time. Maximum throughput of 24,950 tonnes per annum.
	Directly Associated Activity		
A7	Storage of non-hazardous waste	D15	Stored pending activities A6 and A12. Maximum storage capacity 300m^3 at any one time. Waste types and quantities as specified in Schedule 2 and tables S2.4 and S2.5.
A8	Tanker washout	Decontamination of tankers	To be carried out in Area C as marked on plan

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**
	hazardous	prior to leaving site D9	CSGWorcs.plan.022015.rev2. Maximum storage capacity 70m^3 at any one time. Maximum throughput of 100m^3 per day.
A9	Tanker washout non-hazardous	Decontamination of tankers prior to leaving site D9	To be carried out in Area B as marked on plan CSGWorcs.plan.022015.rev2. Maximum storage capacity 70m^3 at any one time. Maximum throughput of 100m^3 per day.
A10	Empty container storage	R13 – storage of containers prior to reuse or recycling	To be carried out in Area A as marked on plan CSGWorcs.plan.022015.rev2. Maximum storage capacity 20 tonnes at any one time.
A11	Washing of empty containers containing non-hazardous residues	R3 Recycling or recovery of organic substances which are not used as solvents R4 Recycling or recovery of metals and metal compounds	From receipt of containerised waste to dispatch of cleaned containers. Maximum storage capacity 20 tonnes at any one time.
Activity reference	**Description of activities for waste operations**		**Limits of activities**
A12	Physical treatment of non-hazardous waste for the purposes of recovery R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R3: Recycling/reclamation of organic substances which are not used as solvents		Waste types specified in Table S2.4 and S2.5. Maximum storage capacity300m^3 at any one time. Throughput shall be no more than 75,000m^3 per annum

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	The response to sections 2.1 and 2.2 in the Application, excluding 2.1.4	01/11/05
Response to request for additional information received via email	All modifications to site report	20/02/06
Substantial Variation Application EPR/FP3532NV/V002	Form EPC: Application for an environmental permit – Part C3 varying a bespoke installation permit, Question 3	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	CSG Worcester Treatment Plant, Fugitive Emission Management Plan, PPC Permit FP3532NV, February 2015	26/02/15

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Substantial Variation Application EPR/FP3532NV/V002	Schedule 5 Response (served 20/03/2015): CSG Worcester Treatment Plant, Odour Management Plan v2.0, PPC Permit FP3532NV, April 2015	22/04/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Asbestos Materials Procedure, Issue 1 June 2013	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Schedule 5 Response (served 20/03/2015): Cleansing Service Group Limited, Operating Procedures, Procedure for dealing with odour and odour complaints, Date Issued: April 15, Ref No: 20	22/04/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Worcester Treatment Plant, Waste Minimisation Audit	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Fire Response Plan, CSG treatment Plant, Stanier Road, Worcester WR4 9FE, Doc No 79_09_SD01 Version 1 (06/02/15)	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Worcester Sewage Treatment Plant, Operating Procedures, Version 1, January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Schedule 5 Response (served 20/03/2015): Cleansing Service Group Limited, Operating Procedures, Ref. No. 1 Pre-Acceptance Procedure, Worcester Treatment Plant Installation Manual, Issue Date: April 2015	22/04/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 2 Waste Booking, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 3 Waste Acceptance, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 4 Sampling Procedure – Permit Waste Arrival, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 5 Non-Conformance Procedure, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 6 Unloading Waste from a Tanker, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Cleansing Service Group Limited, Operating Procedures, Ref. No. 7 Chemical Dosing – ferrous and Caustic, Worcester Treatment Plant Installation Manual, Issue Date: January 2015	26/02/15
Substantial Variation Application EPR/FP3532NV/V002	Schedule 5 Notice Response (served 16/03/2015), dated 14/04/2015 - Site Plan, drawing reference: CSGWorcs.plan.022015.rev2.	14/04/2015
Substantial Variation Application EPR/FP3532NV/V002	Schedule 5 Notice Response (served 20/03/2015) to Point 4, dated 22/04/2015 – Cleansing Service Group Limited, Asbestos Materials Procedure & addendum	22/04/2015

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The operator shall install the infrastructure required to ensure that any spillage from pipework carrying waste around the site is contained, as per section 2.1.3 of Sector Guidance Note IPPC S5.06, December 2004.	Complete
IC2	The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of the Sector Guidance Note IPPC S5.06 December 2004. Upon completion of the plan a summary of the document shall be submitted to the Agency in writing for approval.	Complete
IC3	The Operator shall install the infrastructure required to ensure that drums that are not able to be re-used are cleaned to facilitate recycling or recovery by other means that accord with Section 2.1.13 of Sector Guidance Note IPPC S5.06, December 2004.	Complete
IC4	The Operator shall install the infrastructure required to control emissions to air and water from drum crushing, shredding or cutting processes that accord with Section 2.1.13 of Sector Guidance Note IPPC S5.06, December 2004.	Complete
IC5	The Operator shall ensure that drums and containers are not stored more than two high in accordance with section 2.1.3 of Sector Guidance Note S5.06, December 2004	Complete

Table S1.4 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
1	Storage Tanks (1-10)	At least two weeks before the commencement and use of each storage tank, the operator shall submit a report demonstrating that the integrity of that storage vessel and/or tank is fit for purpose and capable of storing the quantity, type and nature of materials identified within permit variation application EPR/FP3532NV/V002.
2	Reception Pit	At least two weeks before the commencement and use of the reception pit, the operator shall submit, for written approval by the Environment Agency, a report detailing the exact dimensions and specification of the reception pit and how its construction meets both CIRIA 736 and indicative BAT stated in Sector Guidance Note S5.06. The report shall also include details of the procedures for monitoring, inspection and maintenance program for this structure.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Wastes to be used as substitutes for raw materials	As specified in Tables S1.1, S2.7 and S2.8.

Table S2.2 Permitted waste types and quantities for oil/water separation	
Maximum quantity	Maximum throughput (including wastes from Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 05	**drilling muds and other drilling wastes**
01 05 05*	oil-containing drilling muds and wastes
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 12*	oil containing acids
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 03	**wastes from MFSU of printing inks**
08 03 19*	disperse oil
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

Table S2.2 Permitted waste types and quantities for oil/water separation	
Maximum quantity	Maximum throughput (including wastes from Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 19*	readily biodegradable machining oil
13	**Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)**
13 01	**waste hydraulic oils**
13 01 05*	non-chlorinated emulsions
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	**waste engine, gear and lubricating oils**
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	**waste insulating and heat transmission oils**
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	**bilge oils**
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	**oil/water separator contents**
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators

Table S2.2 Permitted waste types and quantities for oil/water separation	
Maximum quantity	Maximum throughput (including wastes from Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
13 07	**wastes of liquid fuels**
13 07 01*	fuel oil and diesel
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
13 08 99*	wastes not otherwise specified: restricted to oil/fuel and water is not in an oil water interceptor, oil/fuel spillages that do not occur at a petrochemical facility, mixed oil/water from carriers rounds where the hazards remain the same.
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
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 07*	oil and concentrates from separation
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S2.3 Permitted waste types and quantities for oil/water separation only: hazardous wastes where oil is present and which possess hazard properties H14, H5 and/or H7	
Maximum quantity	Maximum throughput (including wastes set within Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 03*	tank bottom sludges
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
05 01 11*	wastes from cleaning of fuels with bases
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**

Table S2.3 Permitted waste types and quantities for oil/water separation only: hazardous wastes where oil is present and which possess hazard properties H14, H5 and/or H7	
Maximum quantity	Maximum throughput (including wastes set within Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
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, phosphatising, alkaline degreasing, anodising)**
11 01 11*	aqueous rinsing liquids containing dangerous substances
11 01 13*	degreasing wastes containing dangerous substances
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 03	**wastes from water and steam degreasing processes (except 11)**
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
16	**Wastes not otherwise specified in the list**
16 03	**off-specification batches and unused products**
16 03 03*	inorganic wastes containing dangerous substances
16 05	**gases in pressure containers and discarded chemicals**
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 07	**wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
16 07 09*	wastes containing other dangerous substances
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 01*	aqueous liquid wastes containing dangerous 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 01	**wastes from incineration or pyrolysis of waste**
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
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

Table S2.3 Permitted waste types and quantities for oil/water separation only: hazardous wastes where oil is present and which possess hazard properties H14, H5 and/or H7	
Maximum quantity	Maximum throughput (including wastes set within Table S2.3) of 24,950 tonnes per annum
Waste code	**Description**
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 02 11*	other wastes containing dangerous substances
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water
19 11	**wastes from oil regeneration**
19 11 03*	aqueous liquid wastes
19 11 04*	wastes from cleaning of fuel with bases
19 11 05*	sludges from on-site effluent treatment containing dangerous substances
19 13	**wastes from soil and groundwater remediation**
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

Table S2.4 Permitted waste types and quantities for physico-chemical treatment of non-hazardous aqueous waste	
Maximum quantity	Maximum throughput (including wastes set within Table S2.5) of 75,000 tonnes per annum
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
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
04	**Wastes from the leather, fur and textile industries**
04 02	**wastes from the textile industry**
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
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 06	**wastes from the pyrolytic treatment of coal**

Table S2.4 Permitted waste types and quantities for physico-chemical treatment of non-hazardous aqueous waste	
Maximum quantity	Maximum throughput (including wastes set within Table S2.5) of 75,000 tonnes per annum
Waste code	**Description**
05 06 04	waste from cooling columns
06	**Wastes from inorganic chemical processes**
06 03	**wastes from the MFSU of salts and their solutions and metallic oxides**
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
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 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 03	aqueous suspensions containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
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 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02	**wastes from the iron and steel industry**
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 03	**wastes from aluminium thermal metallurgy**
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

Table S2.4 Permitted waste types and quantities for physico-chemical treatment of non-hazardous aqueous waste	
Maximum quantity	Maximum throughput (including wastes set within Table S2.5) of 75,000 tonnes per annum
Waste code	**Description**
10 07	**wastes from silver, gold and platinum thermal metallurgy**
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 09	**wastes from casting of ferrous pieces**
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	**wastes from casting of non-ferrous pieces**
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
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, phosphatising, alkaline degreasing, anodising)**
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
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**Wastes not otherwise specified in the list**
16 01	**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)**
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 05	**gases in pressure containers and discarded chemicals**
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
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 03	premixed wastes composed only of non-hazardous wastes
19 04	**vitrified waste and wastes from vitrification**
19 04 04	aqueous liquid wastes from vitrified waste tempering

Table S2.4 Permitted waste types and quantities for physico-chemical treatment of non-hazardous aqueous waste	
Maximum quantity	Maximum throughput (including wastes set within Table S2.5) of 75,000 tonnes per annum
Waste code	**Description**
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 09	grease and oil mixture from oil/water separation containing only edible oil and fats
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 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 09 99	wastes not otherwise specified
19 11	**wastes from oil regeneration**
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 13	**wastes from soil and groundwater remediation**
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 01	**separately collected fractions (except 15 01)**
20 01 25	edible oil and fat
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Table S2.5 Permitted waste types and quantities for physico-chemical treatment through the STP	
Maximum quantity	Maximum throughput (including wastes set within Table S2.4) of 75,000 tonnes per annum
Waste code	**Description**
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 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

Table S2.5 Permitted waste types and quantities for physico-chemical treatment through the STP	
Maximum quantity	Maximum throughput (including wastes set within Table S2.4) of 75,000 tonnes per annum
Waste code	**Description**
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 06	solutions and sludges from regeneration of ion exchangers
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 03	**other municipal wastes**
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 99	municipal wastes not otherwise specified: restricted to cesspool waste and other sewage sludge

Table S2.6 Permitted waste types and quantities for storage only	
Maximum quantity	Maximum storage capacity (including wastes arising from treatment processes) of 600m^3 at any one time.
Waste code	**Description**
10	**Wastes from thermal processes**
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 09*	wastes from asbestos-cement manufacture containing asbestos
16	**Wastes not otherwise specified in the list**
16 01	**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)**
16 01 11*	brake pads containing asbestos
16 02	**wastes from electrical and electronic equipment**
16 02 12*	discarded equipment containing free asbestos
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 06	**insulation materials and asbestos-containing construction materials**
17 06 01*	insulation materials containing asbestos
17 06 05*	construction materials containing asbestos[1]

[1] As far as the landfilling of waste is concerned, Member States may decide to postpone the entry into force of this entry until the establishment of appropriate measures for the treatment and disposal of waste from construction material containing asbestos. These measures are to be established according to the procedure referred to in Article 17 of Council Directive 1999/31/EC on the landfill of waste (OJ L 182, 16.7.1999, p. 1) and shall be adopted by 16 July 2002 at the latest.

Table S2.7 Permitted waste types and quantities for storage only. Suitable for use as raw material substitute for use in the oil/water separation and aqueous treatment process.	
Maximum quantity	Maximum storage capacity (including wastes arising from treatment processes) of 600m^3 at any one time.
Waste code	**Description**
06	**Wastes from inorganic chemical processes**
06 01	**wastes from the manufacture, formulation, supply and use (MFSU) of acids**
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 04*	phosphoric and phosphorous acid
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 03	**wastes from MFSU of printing inks**
08 03 16*	waste etching solutions
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, phosphatising, alkaline degreasing, anodising)**
11 01 05*	pickling acids
16	**Wastes not otherwise specified in the list**
16 03	**off-specification batches and unused products**
16 03 03*	inorganic wastes containing dangerous substances
16 05	**gases in pressure containers and discarded chemicals**
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous 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 11*	other wastes containing dangerous substances
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 14*	acids
20 01 15*	alkalines

Table S2.8 Permitted waste types and quantities for storage only. Suitable for use as raw material substitute for use in the aqueous treatment plant.	
Maximum quantity	Maximum storage capacity (including wastes arising from treatment processes) of 600m^3 at any one time.
Waste code	**Description**
16	**Wastes not otherwise specified in the list**

Table S2.8 Permitted waste types and quantities for storage only. Suitable for use as raw material substitute for use in the aqueous treatment plant.	
Maximum quantity	Maximum storage capacity (including wastes arising from treatment processes) of 600m^3 at any one time.
Waste code	**Description**
16 09	**oxidising substances**
16 09 04*	oxidising substances, not otherwise specified

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
Vents on storage tanks as shown on plan: CSGWorcs.plan.022015.rev2	-	-	-	-	-	-

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
S1 (as shown on plan: CSGWorcs.plan.022015.rev2)	Process effluent from drainage, uncontaminated surface water and site runoff	Flow	-	Reported as daily average over one month	Continuous	BS3680 [Note 1]
Note 1: Monitoring standard BS3680 for V-Notch calibration providing +/- 5% margin of error.						

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Interceptors No. 1 and No. 2 as shown on plan: CSGWorcs.plan.022015.rev2	Oil & Grease	Weekly	Visual	In the event of oil/grease clean interceptor
"Site water discharge point" (as shown on plan: CSGWorcs.plan.022015.rev2)	Compliance with trade effluent consent (Ref: 008352V)	Prior to release of every batch	CSG's Installation Manual, Laboratory Procedures	No discharge will be made to sewer if any single parameter is found to exceed the limits in the trade effluent discharge consent.

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
-	-	-	-

Table S4.2: Annual production/treatment	
Parameter	**Units**
Waste throughput – for recovery	Tonnes
Waste throughput – for disposal	Tonnes
Wastes used as substitute for raw materials	Tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY

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.

“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.

“disposal”. Means any of the operations 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.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“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 or background concentration limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

Pests” means Birds, Vermin and Insects.

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

“recovery” means any of the operations 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 (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, 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

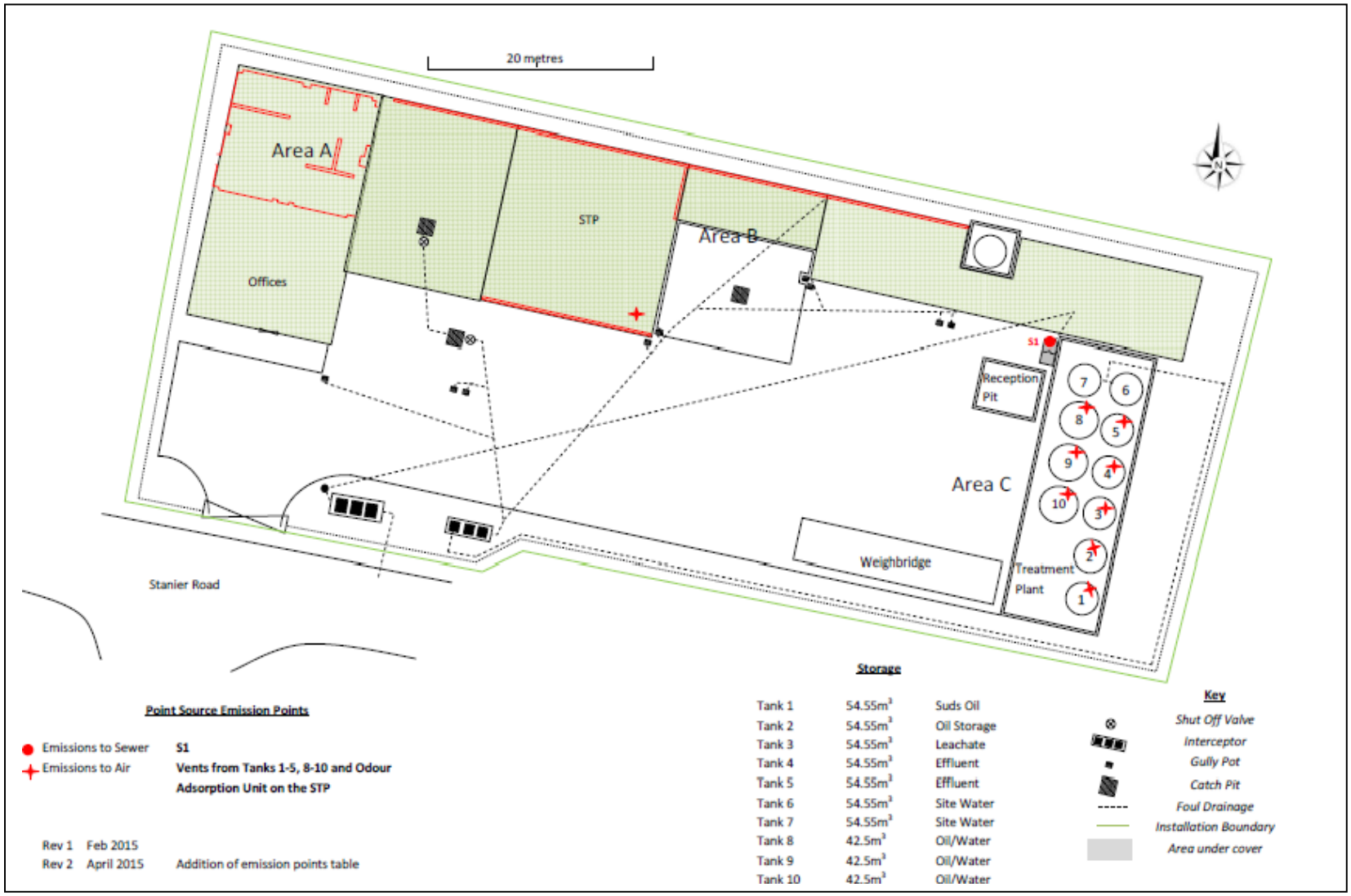
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

- 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
- 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.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT