

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Seneca Environmental Solutions Limited

Unit 2
Hannah Close
Great Central Way
Neasden
London
NW10 0UX

Variation application number

EPR/PP3496EU/V005

Permit number

EPR/PP3496EU

Unit 2, Hannah Close

Permit number EPR/PP3496EU

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (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 includes the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

This variation permits the following changes:

- The total permitted quantity of waste is increased from 225,000 tonnes per year to 400,000 tonnes per year.
- Activity S5.4A(1)(b)(ii) for pre-treatment of waste for incineration (R3) is added to table S1.1 as a result of the increase in throughput of non-hazardous waste for RDF production.
- The permitted throughput of non-hazardous waste with putrescible content and/or waste with a potential for odour is increased from 75,000 tonnes per year to 150,000 tonnes per year.
- The timeframes set out in limits of specified activity for non-hazardous waste are amended to add the wording 'or as otherwise agreed in writing with the Environment Agency'. This is to give the Operator the option to store putrescible waste over bank holiday weekends and some weekends.
- An air management system is permitted to collect air from inside the building and discharge it through a 35m tall stack to disperse odour.
- The existing ozone units are relocated to new positions.
- Condition 2.5.2 is added which references table S1.4 specifying pre-operational measures for future development of the air extraction system.
- The status log and table S1.2 have been amended to add relevant information submitted in response to improvement conditions IC1 to IC4.
- Improvement conditions IC5 and IC6 are added.
- Pre-operational conditions PO1 and PO2 are added.
- Table S3.1 for point source emissions to air is added.
- Table S3.3 for ambient air monitoring is amended to insert the information submitted in support of improvement condition IC1.
- The tables of permitted waste types in Schedule 2 are amended to create individual tables for each activity in table S1.1.

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
Permit determined EAWML 102114 (EPR/PP3496EU)	14/11/2010	Standard Rules Permit (SR2008No7_75kte).
Application EPR/PP3496EU/V002 (administrative variation)	Duly made 31/10/2011	Application to extend site boundary (submitted during the determination period for the subsequent substantial variation).
Variation determined EPR/PP3496EU/V002	04/11/2011	Varied permit issued.
Application EPR/PP3496EU/V003 (substantial variation)	Duly made 08/09/2011	Application for variation from Standard Rules Permit to Bespoke (submitted as V002 and changed to V003 following issue of an Administrative Variation on 04/11/11).
Schedule 5 Notice	16/09/2011	Schedule 5 Notice sent.
Additional information received	20/10/2011	Response to Schedule 5 (sent on 16/09/2011).
	29/11/2011	Fugitive Emissions Plan.
Schedule 5 Notice	20/12/2011	Schedule 5 Notice sent.
Meeting minutes	07/02/2012	Minutes from meeting on 07/02/2012.
Schedule 5 extension request	17/02/2012	Email agreeing to an extension for the Schedule 5 response period. Extension agreed on same day.
Schedule 5 extension request	02/03/2012	Email from applicant requesting extension for the Schedule 5 response period.
Determination period extension request	06/03/2012	Agreement to extend determination period.
Additional information received	12/03/2012	Response to Schedule 5 (sent on 20/12/2011).
Schedule 5 Notice	12/04/2012	Schedule 5 Notice sent.
Additional information received	24/04/2012	Response to Schedule 5 (sent on 12/04/2012).
	27/04/2012	
Additional information received	25/05/2012	Response to Odour Management Plan (OMP) review titled: 'Response to OMP comments for Seneca Input'.
	25/05/2012	Odour Management Plan Revision C.
	31/05/2012	Applicant response to Odour Management Plan review comments.
	06/06/2012	Odour Management Plan Revision D.
	27/06/2012	Confirmation of on-site chemist.
	23/07/2012	Final version of full application incorporating all changes and amendments.
Variation refused EPR/PP3496EU/V003	02/11/2012	Refusal notice issued.
Additional information received	19/11/2012	Additional information submitted by applicant following a meeting to discuss the upcoming Agency Initiated Variation.
	22/11/2012	Technical Standard Revision G. Fugitive Emissions Plan B. Environmental Risk Assessment.
Application EPR/PP3496EU/V004	Received 17/12/2012	Agency Initiated Variation request received.

Variation determined EPR/PP3496EU/V004	28/02/2013	Agency Initiated Variation issued.
Improvement Conditions 1 to 4 – submissions	17/04/2013	IC1 – Fugitive Emissions Plan Rev C IC2 – Odour Management Plan Rev F IC3 – Working Plan IC4 – Surface Water Design and Management
Application EPR/PP3496EU/V005 (variation)	Duly made 08/09/2014	Application to vary the permit to a bespoke installation.
Schedule 5 Notice	29/10/2014	Schedule 5 Notice sent.
Additional information received	26/11/2014	Schedule 5 response received.
Additional information received	11/12/2014	Schedule 5 clarifications received.
Additional information received	28/01/2015	Response to email dated 21/01/2015 requesting clarifications regarding waste tonnages, stack monitoring and site plan.
Additional information received	30/01/2015	Timeframe for revision of the OMP
Additional information received	05/02/2015	Return of draft permit including clarification of monitoring methods
Additional information received	11/02/2015	Response to email dated 06/02/15 clarifying list of wastes for each activity and revised waste/materials stockpile design.
Additional information received	12/02/2015	Final list of permitted wastes for RDF production and final waste/material stockpiles design.
Additional information received	13/02/2015	Revised Installations and Waste Opra profiles.
Variation determined EPR/PP3496EU/V005 [billing references: MP3930WC and EAWML 102114]	17/02/2015	Varied and consolidated permit issued.

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 regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/PP3496EU

Issued to

Seneca Environmental Solutions Limited (“the operator”)

whose registered office is

**Carey House
Great Central Way
Wembley
Middlesex
HA9 0HR**

company registration number 06773750

to operate a regulated facility at

**Unit 2
Hannah Close
Great Central Way
Neasden
London
NW10 0UX**

to the extent set out in the schedules.

The notice shall take effect from 17/02/2015

Name	Date
Claire Roberts	17/02/2015

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 2010

Permit number

EPR/PP3496EU

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/PP3496EU/V005 authorising,

Seneca Environmental Solutions Limited (“the operator”),

whose registered office is

**Carey House
Great Central Way
Wembley
Middlesex
HA9 0HR**

company registration number 06773750

to operate an installation and waste operations at

**Unit 2
Hannah Close
Great Central Way
Neasden
London
NW10 0UX**

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

Name	Date
Claire Roberts	17/02/2015

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 activity A1 referenced in schedule 1, table S1.1 the operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 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 activity A1 referenced in schedule 1, table S1.1 the operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every 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 activity A1 referenced in schedule 1, table S1.1 the 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 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 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 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.

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.

2.6 Technical requirements

WEEE treatment

2.6.1 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex VIII of the WEEE Directive.

2.6.2 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).

2.6.3 As a minimum, the substances, preparations and components specified in table 2.4 shall be removed from any separately collected WEEE.

Table 2.4 Substances, preparations and components to be removed from separately collected WEEE

- Capacitors containing Polychlorinated biphenyls (PCB)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and pasty, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
- Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

2.6.4 All fluids contained within any WEEE shall be removed prior to further treatment.

2.6.5 Separately collected components of WEEE specified in table 2.5 shall be treated in accordance with the methods specified in that table.

Table 2.5 Specified Treatment Methods for separately collected components of WEEE	
Component	Specified Treatment
Cathode ray tubes	The fluorescent coating shall be removed
Gas discharge lamps	The mercury shall be removed

2.6.6 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

Hazardous waste storage and treatment

2.6.7 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.

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 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.

3.3 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; and
 - (b) ambient air 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 and S3.2 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 Within one 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.

4.2.3 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 S4.2; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 For the activity A1 referenced in schedule 1, table S1.1 the 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;

4.2.5 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.

4.3 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 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:
- (c) any change in the operator's name or address; and
 - (d) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (e) the death of any of the named operators (where the operator consists of more than one named individual);
 - (f) any change in the operator's name(s) or address(es); and
 - (g) 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	S5.4 A(1)(b)(ii)	<p>Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p> <p>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)</p>	<p>Waste types and quantities as specified in table S2.2. A combined total of no more than 399,000 tonnes of non-hazardous waste per year for activities A1 and A2.</p> <p>Non-hazardous waste with putrescible content and/or waste with a potential for odour shall not exceed 150,000 tonnes per year.</p> <p>Waste used for refuse derived fuel (RDF) shall be processed and baled within 24 hours of acceptance onto the site and shall be removed within 48 hours of acceptance onto the site or as otherwise agreed in writing with the Environment Agency.</p> <p>The residual organic fines generated by the processing shall also be removed within this period. Treatment operations shall be limited to physical treatment including screening, crushing, baling and shredding for the purpose of recovery.</p>
Activity reference	Description of activities for waste operations		Limits of activities
A2	<p>Storage and treatment of non-hazardous waste for recovery.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p> <p>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)</p>		<p>A combined total of no more than 399,000 tonnes of non-hazardous waste per year for activities A1 and A2. Waste types and quantities as specified in table S2.3.</p> <p>Non-hazardous waste with putrescible content and/or waste with a potential for odour shall not exceed 150,000 tonnes per year. This waste shall be processed and removed from the site within 24 hours of acceptance onto the site or as otherwise agreed in writing with the Environment Agency. The residual organic fines generated by the processing shall also be</p>

		<p>removed within this period.</p> <p>Treatment operations shall be limited to physical treatment including screening, crushing, baling and shredding for the purpose of recovery.</p> <p>No more than a total of 50 tonnes of intact and shredded waste vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.</p>
A3	<p>Bulking up and storage of hazardous waste for disposal.</p> <p>D14: Repackaging prior to submission to any of the operations numbered D01 to D13</p> <p>D15: Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).</p>	<p>The maximum quantity of hazardous waste received at the site shall not exceed 10 tonnes per day.</p> <p>The maximum quantity of hazardous waste stored at the site shall not exceed 10 tonnes.</p> <p>Waste types as specified in table S2.4. Total of no more than 1,000 tonnes per year of hazardous waste shall be received at the site.</p>

Description	Parts	Date Received
Improvement Condition 1 submission	Fugitive Emissions Plan (Dust and Particulates), April 2013, Rev C (submitted by email to complete IC1).	17/04/13
Improvement Condition 2 submission	Surface Water Design and Management, 01/04/2013, Rev 0 (submitted by email to complete IC2).	17/04/13
Improvement Condition 3 submission	Working plan dated 05/04/2013.	17/04/13
Application EPR/PP3496EU/V005	Odour Management Plan Revision H, July 2014.	24/07/14
	Form Part C3, question 3a relating to technical standards.	24/07/14
Response to Schedule 5 notice dated 28/10/14	Annex C - Fire Risk Assessment (Rev: 17/11/14)	26/11/14
Response to Schedule 5 notice dated 28/10/14	Annex E - Emergency preparedness and response plan (Rev: LC 19/11/14)	26/11/14
Response to Schedule 5 notice dated 28/10/14	Annex J – RDF sampling protocol (01/09/14)	26/11/14
Additional information	Response to email dated 21/01/15, questions 1 to 5 relating to: deliveries; processing capacity; storage of putrescible waste; RDF storage; stack monitoring; air extraction system installation; and emissions monitoring.	28/01/15
Additional information	Timeframe for OMP revision	30/01/15
Additional information	Waste/Material Stockpiles supporting document dated November 2014	12/02/15

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>Submit a written plan to the Environment Agency for approval. The plan shall contain proposals for monitoring of PM₁₀ emissions from the site including:</p> <ul style="list-style-type: none"> • locations of proposed monitoring points that will allow the operator to obtain reliable and representative data on PM₁₀ emissions from the waste management operations; • frequency of monitoring; • the method to sample PM₁₀ including (which shall be in accordance with the Environment Agency's MCERTS certification and accreditation scheme); • dates for the implementation of the measures; • a proposed limit for PM₁₀ emissions based on the monitoring and background levels; and • dates for regular review cycles with an overriding aim to reduce PM₁₀ emissions from the facility. <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p> <p>The operator shall implement the plan in accordance with the Environment Agency's written approval.</p>	Complete
IC2	<p>Submit a written review of the site's odour management plan to the Environment Agency for approval.</p> <p>The operator shall review the proposals listed in the odour management plan and demonstrate those that have been implemented. This shall include but not be limited to:</p> <ul style="list-style-type: none"> • incidents, complaint response and investigation • third party communication • working with waste producers • odour Monitoring • implementation of pre-acceptance and acceptance procedures. • management of waste on site. • cleaning and housekeeping regime. • maintaining structural integrity of the building • maintaining impermeability of flooring. <p>The review shall take into account Environment Agency Horizontal Guidance H4 and shall assess whether any further measures are appropriate, describe what measures were assessed and justify the conclusions reached as to their appropriateness. The operator shall implement any improvements identified in the report as approved in writing with the Environment Agency. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	Complete
IC3	<p>Submit a written management system to the Environment Agency for approval. The management system must contain the measures to comply with the requirements of condition 1.1.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	Complete
IC4	<p>Submit a written plan to the Environment Agency for approval, following a review of all site drainage at the installation. The plan shall take into account the appropriate measures for the management of drainage systems and run-off in 'How to comply with your environmental permit' and include a timetable for any improvements to the drainage system. The operator shall implement any improvements identified in the report as approved in writing with the Environment Agency.</p> <p>The notification requirements of condition 2.4.2 shall be deemed to have</p>	Complete

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	been complied with on submission of the plan.	
IC5	<p>Submit a written report detailing the results of the commissioning undertaken in accordance with PO1 to the Environment Agency for written approval including:</p> <ul style="list-style-type: none"> the result of any commissioning tests undertaken; interpretation of the results and identification of any improvements or modifications that are necessary including a timeline for implementation. <p>The review shall take into account Environment Agency Horizontal Guidance H4. The operator shall implement any improvements identified in the report within the agreed timeframe and as approved in writing with the Environment Agency.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	1 month from the completion of commissioning.
IC6	<p>Submit a written report detailing the results of the monitoring undertaken in accordance with PO2 to the Environment Agency for written approval including:</p> <ul style="list-style-type: none"> 12 months of monitoring data starting upon completion of commissioning; a summary of any complaints received in the same 12 month period; interpretation of the results and identification of any improvements or modifications that are necessary including a timeline for implementation. <p>The review shall take into account Environment Agency Horizontal Guidance H4. The operator shall implement any improvements identified in the report within the agreed timeframe and as approved in writing with the Environment Agency.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	12 months from the completion of commissioning of stack A1

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO1	Air extraction system (stack A1)	<p>Prior to the commencement of commissioning of the air extraction system (stack A1), the Operator shall provide a written commissioning plan for approval by the Environment Agency. The plan shall detail proposals for the commissioning of the air extraction system including:</p> <ul style="list-style-type: none"> expected duration and timeline for commissioning; method for testing air pressure within the building as part of commissioning; and procedures for record keeping and reporting. <p>The plan shall take into account Environment Agency Horizontal Guidance H4, section 5 and shall assess whether any further measures are appropriate, describe what measures were assessed and justify the conclusions reached as to their appropriateness.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. The operator shall implement the plan within the agreed timeframe and as approved in writing with the Environment Agency.</p>
PO2	Air extraction system (stack A1)	<p>Prior to the commencement of commissioning of the air extraction system (stack A1), the Operator shall provide a written monitoring plan for approval by the Environment Agency.</p>

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
		<p>The plan shall detail proposals for the commissioning of the air extraction system and the regular monitoring of emissions from the stack (A1) including:</p> <ul style="list-style-type: none"> • parameters to be monitored; • location of monitoring points on stack A1 that will allow the operator to obtain reliable and representative data on parameters including flow rate, temperature, PM₁₀, odour concentration, NMVOC, TOC, ozone and ammonia; • monitoring methods; • monitoring frequencies; • method for assessment and interpretation of the results including trigger values for further monitoring or remedial action; and • procedures for record keeping and reporting. <p>The plan shall take into account Environment Agency Horizontal Guidance H4, section 5 and shall assess whether any further measures are appropriate, describe what measures were assessed and justify the conclusions reached as to their appropriateness.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. The operator shall implement the plan within the agreed timeframe and in accordance with the Environment Agency.</p>

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Fuel oil	<0.1% sulphur content
Odour suppressant concentrate	-

Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. No more than 150,000 tonnes of waste with putrescible content and/or waste with a potential for odour. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter material, 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 19	Plastic
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	Wood
17 02 03	Plastic
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 04	plastic and rubber
19 12 07	Wood other than that mentioned in 19 12 06
19 12 08	Textiles
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of waste materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

Table S2.2 Permitted waste types and quantities for activity A1 - storage, segregation and processing of non-hazardous wastes for recovery into Refuse Derived Fuel	
Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. No more than 150,000 tonnes of waste with putrescible content and/or waste with a potential for odour. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
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 01	paper and card board
20 01 10	Clothes
20 01 11	textiles
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	plastics
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	Street-cleaning residues
20 03 07	bulky waste

Table S2.3 Permitted waste types and quantities for activity A2 - storage and processing of non-hazardous wastes for recovery (excluding RDF production)	
Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
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 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
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 01	waste bark and wood
03 03 08	waste from sorting of paper and cardboard destined for recycling
10	WASTES FROM THERMAL PROCESSES
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 12	waste glass other than those mentioned in 10 11 11

Table S2.3 Permitted waste types and quantities for activity A2 - storage and processing of non-hazardous wastes for recovery (excluding RDF production)	
Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
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 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter material, 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 03	End-of-life tyres
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	Plastic
16 01 20	Glass
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

Table S2.3 Permitted waste types and quantities for activity A2 - storage and processing of non-hazardous wastes for recovery (excluding RDF production)	
Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
17 02	wood, glass and plastic
17 02 01	Wood
17 02 02	Glass
17 02 03	Plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	wood, glass and plastic
17 04 01	copper, bronze, brass
17 04 02	Aluminium
17 04 03	Lead
17 04 04	Zinc
17 04 05	iron and steel
17 04 06	Tin
17 04 07	mixed metals
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 08	gypsum based construction material
17 08 02	Gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	Non-ferrous waste
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous material
19 12 03	Non-ferrous metal
19 12 04	plastic and rubber
19 12 05	Glass
19 12 07	Wood other than that mentioned in 19 12 06
19 12 08	Textiles
19 12 12	other wastes (including mixtures of waste materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

Table S2.3 Permitted waste types and quantities for activity A2 - storage and processing of non-hazardous wastes for recovery (excluding RDF production)	
Maximum quantity	Maximum of 399,000 tonnes per annum for all wastes in table S2.2 and S2.3. Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
20 01	separately collected fractions (except 15 01)
20 01 01	paper and card board
20 01 02	glass
20 01 10	clothes
20 01 11	textiles
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	Street-cleaning residues
20 03 07	bulky waste

Table S2.4 Permitted waste types and quantities for activity A3 bulking up and storage of hazardous wastes for disposal	
Maximum quantity	The disposal of hazardous wastes shall be less than 10 tonnes per day Total of 1000 tonnes per annum for wastes in table S2.4 Total of no more than 400,000 tonnes per annum for all wastes in tables S2.2, S2.3 and S2.4.
Waste code	Description
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

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
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	CO	None	None	Continuous	Gas filter correlation
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Particulates PM ₁₀	None	None	Continuous	Light scatter calibrated every 2 months
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Temperature	None	None	Continuous	To within 1 deg. C accuracy
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Humidity	None	None	Continuous	Relative Humidity
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	TOC	None	None	Continuous	Photo-ionisation detector
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Flow rate	None	None	Continuous	Thermal mass or differential pressure to within 5%
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Ozone	None	None	Quarterly	Ultraviolet photometry to BS EN 14625:2012
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Ammonia	None	None	Quarterly	BS EN 13725:2005
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Odour level	None	None	Quarterly	BS EN 13725:2005
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	SO ₂	None	None	Quarterly	BS EN 14791 or alternative according to TGN M21
A1 [Point A1 on site plan in Schedule 7]	Building air extraction system	Methane	None	None	Quarterly	Method selected from TGN M13

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	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 and S2 on site plan in Schedule 7 (via Thames Water Utilities permission)	None	Site drainage discharge to foul sewer	None	None	None	None

Table S3.3 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
AM1 and AM2 on site plan in Schedule 7	Particulate matter less than 10 millionth of a metre in diameter (PM ₁₀)	Continuous	BS EN 12341:1999	<p>Monitoring equipment should meet the MCERTS Performance Standards for Indicative Ambient particulate Monitors or similar standard agreed in writing with the Environment Agency.</p> <p>The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first. The system must be managed and maintained by suitably trained personnel.</p> <p>The system must obtain representative data that must accurately reflect PM₁₀ levels produced by the site's activities.</p>

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
Emissions to air Parameters as required by condition 3.5.1.	A1	Every 12 months	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	AM1 and AM2	Monthly	1 January

Table S4.2 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	17/02/15
Ambient air monitoring	Form Particulate 1 or other form as agreed in writing by the Environment Agency	17/02/15

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 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.

“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 (BATRR) 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.

“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.

“End-of-Life Vehicles Directive” means Directive 2000/53/EC of the European Parliament and Council of 18 September 2000 on end-of-life vehicles.

“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.

“groundwater protection zones 1 and 2” have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

“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).

“hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

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

“Industry Standard Protocol” means “A standardised protocol for the monitoring of bioaerosols at open composting facilities” published by the Association for Organics Recycling and developed in conjunction with the Environment Agency

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

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

“Pests” means Birds, Vermin and Insects.

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

“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.

“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

“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.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

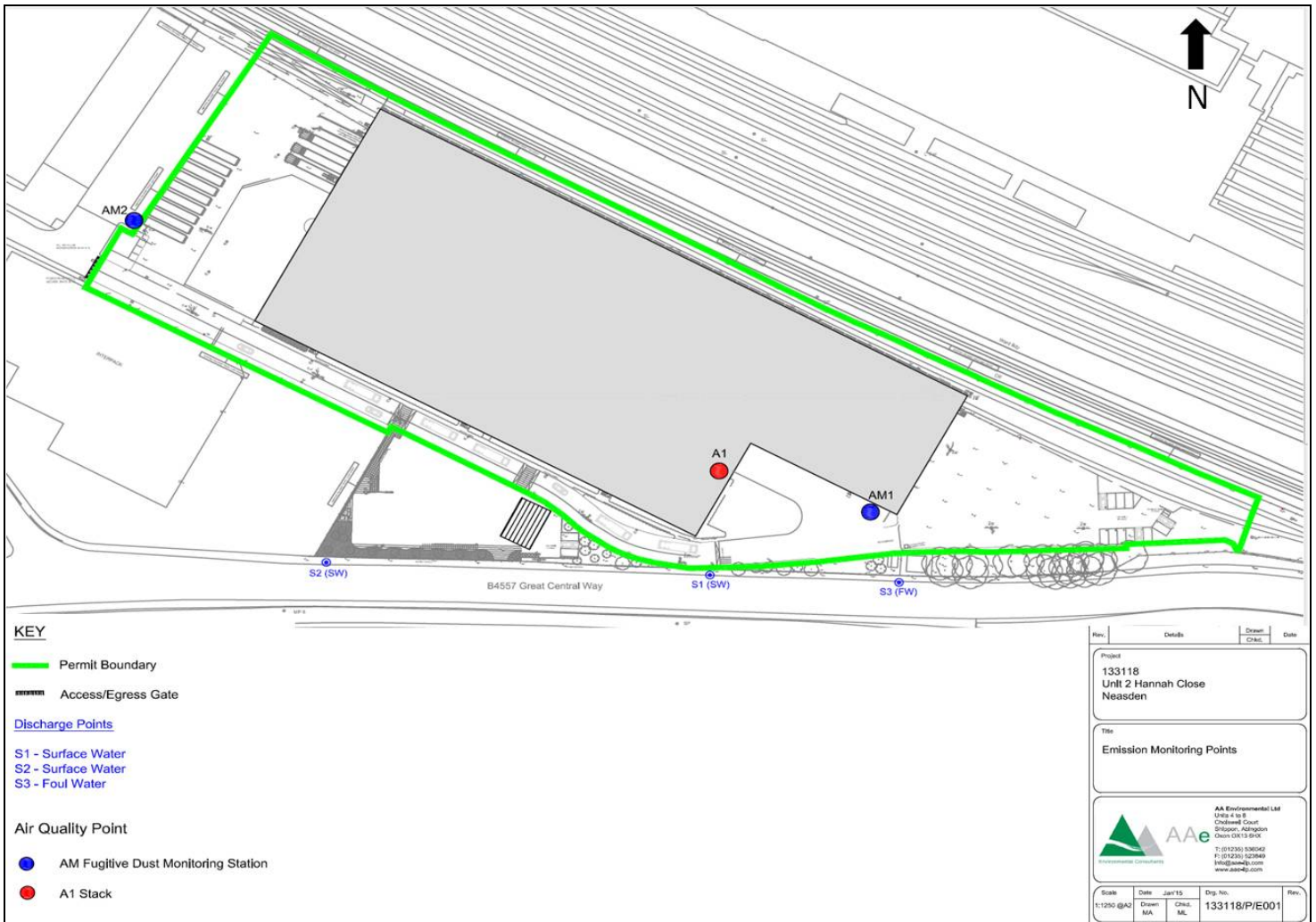
“year” means calendar year ending 31 December.

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

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

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

Schedule 7 - Site plan



END OF PERMIT

Permit Number: EPR/PP3496EU

Operator:

Seneca Environmental Solutions

Facility: Unit 2 Hannah Close

Form Number:

Air1 / 17/02/15

Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	CO						
A1	Particulates PM ₁₀						
A1	Temperature						
A1	Humidity						
A1	TOC						
A1	Flow rate Ozone						
A1	Ammonia Odour level						
A1	SO ₂						
A1	Methane						

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/PP3496EU

Operator:

Seneca Environmental Solutions

Facility: Unit 2 Hannah Close

Form Number:

Particulate1 / 17/02/15

Reporting of particulates for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Particulate Matter	mg/m ³	Continuous		BS EN 12341:1999		
A1	Particulate Matter	mg/m ³	1 hour period		BS EN 12341:1999		

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....

(Authorised to sign as representative of Operator)