

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Sims Group UK Limited

Sims Group UK Limited
Northside, South Dock
Alexandra Dock
Newport
NP20 2WE

Permit number
EPR/CP3795FY

Sims Group UK Limited
Northside, South Dock
Permit number EPR/CP3795FY

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The permit allows the site to receive, process and recover ferrous and non-ferrous metals from scrap and acts primarily as a source of ferrous feedstock for the steel manufacturing industry. The site is an Authorised Treatment Facility for the depollution of End of Life Vehicles with a capacity to store more than 50 tonnes of hazardous waste at any one time. Permitted treatment activities include depollution of ELVs, treatment of WEEE, manual and mechanical sorting of ferrous and non-ferrous scrap including separation, grading, shearing, screening, shredding, baling, compacting, crushing and hot cutting with a capacity exceeding 75 tonnes per day.

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

Status log of permit:

Description	Date	Comments
Consent to Discharge AN0261501	06/12/1995	Trade effluent discharge consent issued to Sims Bird Limited.
Transfer of Consent to Discharge AN0261501	04/09/2001	Consent transferred from Sims Bird Group UK Limited to Sims Group UK Limited.
Consent to Discharge AN0261501	12/06/2004	Domestic discharge consent issued to Sims Group UK Limited
License issued for EAWML 30312	04/10/2004	The permit was issued to Sims Group UK limited to operate a mixed metal recycling site.
Variation determined EPR/CP3795FY/V002 (previously EAWML 30312)	06/02/2007	Permit is varied to include additional waste types.
Variation determined EPR/CP3795FY/V003	07/11/2008	Permit is varied to update the conditions of the license to comply with the WEEE regulations.

Variation determined EPR/CP3795FY/V004	12/10/2010		The permit is varied to increase the site boundary and to include additional waste types.
Application EPR/CP3795FY/V005 (variation and consolidation)	02/02/2011		Agency initiated variation to include discharge limits, monitoring points to the permit.
Variation determined EPR/CP3795FY/V005	30/05/2012		Varied and consolidated permit issued in modern condition format.
Variation Application EPR/CP3795FY/V006 (Variation and Consolidation)	Duly Made 06/10/14		Variation and consolidation to include a listed activity following the implementation of the Industrial Emissions Directive
Variation CP3795FY/V006 issued	06/07/15		Varied and consolidated permit issued in modern condition format.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/CP3795FY

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CP3795FY/V006 authorising,

Sims Group UK Limited (“the operator”),

whose registered office is
**Long Marston
Stratford Upon Avon
Warwickshire
CV37 8AQ**

company registration number **03242331**

to operate an installation at
**Northside, South Dock
Alexandra Dock
Newport
NP20 2WE**

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

Name	Date
	06/07/15

Eirian Macdonald

Authorised on behalf of Natural Resources Wales

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 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 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.

- 2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Technical requirements

Vehicle depollution and dismantling

- 2.4.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

WEEE treatment

- 2.4.2 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.
- 2.4.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).
- 2.4.4 As a minimum, the substances, preparations and components specified in table 2.4.4 shall be removed from any separately collected WEEE.

Table 2.4.4 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), hydro chlorofluorocarbons (HCFC), hydro fluorocarbons (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)

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

2.4.6 Separately collected components of WEEE specified in table 2.4.6 shall be treated in accordance with the methods specified in that table.

Table 2.4.6 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.

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

Waste battery and accumulator treatment

2.4.8 Treatment of waste batteries and accumulators must meet the minimum requirements set out in Annex III, Part A of Directive 2006/66/EC of the European Parliament and of the Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

Hazardous waste storage and treatment

2.4.9 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, S3.2 and S3.3.

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

3.3 Monitoring

- 3.3.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2 and S3.3.
- 3.3.2 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.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.3.4 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 table S3.1 and schedule 4 table S4.1 unless otherwise agreed in writing by Natural Resources Wales.

3.4 Odour

- 3.4.1 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 Natural Resources Wales, 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.
- 3.4.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.5 Noise and vibration

3.5.1 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 Natural Resources Wales, 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.

3.5.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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;
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, 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 Natural Resources Wales 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 (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
- (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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 Natural Resources Wales 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 “without delay”, 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	S5.4A(1)(b)(iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving the treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	<p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>	<p>The maximum quantity of waste oil stored at the site shall not exceed 10 tonnes.</p> <p>Uncontaminated furnace ready scrap metal waste shall be stored on hardstanding or an impermeable surface.</p> <p>All waste other than uncontaminated furnace ready scrap shall be stored on an impermeable surface with sealed drainage system.</p> <p>Combustible wastes must be stored in bays provided with an impermeable pavement with sealed drainage, and with access to fire fighting equipment.</p> <p>The treatment of non-hazardous waste for recovery or disposal shall not exceed 6,240 tonnes per day in aggregation for the site.</p> <p>All End of Life Vehicles shall be depolluted prior to being submitted to the fragmentation process.</p> <p>Wastes shall be stored no longer than 1 year prior to disposal or 3 years prior to recovery.</p> <p>Rain and uncontaminated surface water must be kept separate from contaminated water and other liquids.</p>

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
A2	S5.6A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3 and paragraph (b) of this Section (excluding of End of Life Vehicles and WEEE pending manual dismantling), except— (i) temporary storage, pending collection, on the site where the waste is generated, or (ii) activities falling within Section 5.2.	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)	The maximum quantity of hazardous waste received and stored at the site shall be less than 2000 tonnes at any one time.
Directly Associated Activity			
A3	Downstream separation	Further separation of fragmented waste following shredding R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic compounds	The maximum infeed storage capacity shall not exceed 1,250 tonnes At any one time. The maximum direct output capacity shall not exceed 9,000 tonnes at any one time.
A4	Shredder infeed storage and direct output storage	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)	

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
	Description of activities for waste operations		Limits of activities
A5	<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>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>Storage and treatment of non-hazardous WEEE.</p> <p>Storage of WEEE pending manual dismantling.</p> <p>Depollution of End of Life Vehicles</p> <p>Storage and treatment of non-hazardous waste (not subject to listed activity - shredding).</p> <p>Treatment of refrigerated units is not permitted.</p> <p>The pre-treatment only of refrigerated units is permitted.</p>	

Table S1.1b Activities

Activity reference	Description of activity	Limits of specified activity
1	Discharge of secondary treated sewage effluent via sample point 9 SESP "Bio -Disc" on site plan in Schedule 7	Specified in Table 3.1

Table S1.2 Operating techniques

Description	Parts	Date Received
How to comply with your Environmental Permit	All	N/A
EMS Sims Environmental Management System	All	N/A

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities

Maximum quantity Total annual throughput shall not exceed 859,600 tonnes

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 10	waste metal
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 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	WASTES FROM THERMAL PROCESSES
10 11	wastes from manufacture of glass and glass products
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
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 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
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 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
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 04*	end-of-life vehicles
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified

Table S2.1 Permitted waste types and quantities

Maximum quantity Total annual throughput shall not exceed 859,600 tonnes

Waste code	Description
16 02	wastes from electrical and electronic equipment
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components ¹ other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 06 06*	separately collected electrolyte from batteries and accumulators
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
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 04 09*	metal waste contaminated with dangerous substances
17 04 10*	cables containing oil, coal tar and other dangerous substances
17 04 11	cables other than those mentioned in 17 04 10
17 06	insulation materials and asbestos-containing construction materials
17 06 03*	other insulation materials consisting of or containing dangerous substances
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
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 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 05*	other fractions containing dangerous substances
19 10 06	other fractions other than those mentioned in 19 10 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard

¹ Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

Table S2.1 Permitted waste types and quantities

Maximum quantity Total annual throughput shall not exceed 859,600 tonnes

Waste code	Description
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste 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 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)
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 39	plastics
20 01 40	metals

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Cadmium	Trade Effluent consisting of Site drainage	1.6ug/l (for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Nickel	Trade Effluent consisting of Site drainage	160ug/l (for TRAC/Coastal Waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Lead	Trade Effluent consisting of Site drainage	57.6ug/l (for TRAC/Coastal Wasters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" and number 11 sample point "TSP - 2" on site plan in Schedule 7 emission to Severn Estuary/ River Usk	pH	Trade Effluent consisting of Site drainage	6-9 (less than 6 or greater than 9) (measured in pH units)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Naphthalene	Trade Effluent consisting of Site drainage	9.6ug/l (for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales

Table S3.1 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Copper	Trade Effluent consisting of Site drainage	40ug/l (for TRAC/Coastal Waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Iron	Trade Effluent consisting of Site drainage	8000ug/l (for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Zinc	Trade Effluent consisting of Site drainage	320ug/l (for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Chromium	Trade Effluent consisting of Site drainage	4.8ug/l(for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Suspended Solids	Trade Effluent consisting of Site drainage	200mg/l (measured after drying at 105 °C)	Instantaneous (spot sample)	Quarterly	As agreed in writing with Natural Resources Wales

Table S3.1 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Oil and/or Grease	Trade Effluent consisting of site drainage	No visible Oil and/or Grease	-	Quarterly	As agreed in writing with Natural Resources Wales
Emission point number 6 - sample point "TSP 1" (NGR ST 31970 84990) and number 11 sample point "TSP - 2" (NGR ST 31740 84750) on site plan in Schedule 7 emission to Severn Estuary/ River Usk	Phenol	Trade Effluent consisting of site drainage	61.6ug/l (for TRAC/Coastal waters) (dissolved)	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission Point number 9 - sample point "SESP "Bio-Disc" (NGR ST 31620 84950) on site plan in Schedule 7	Total daily volume of discharge	Secondary treated sewage effluent	3.6 cubic metres per Day	Maximum Concentration for all measured values	Quarterly	As agreed in writing with Natural Resources Wales
Emission Point number 9 - sample point "SESP "Bio-Disc" (NGR ST 31620 84950) on site plan in Schedule 7	Oil and/or Grease	Secondary treated sewage effluent	No visible Oil and/or Grease	-	Quarterly	As agreed in writing with Natural Resources Wales

Table S3.2 Discharge points

Effluent Name	Discharge Point	Discharge point NGR	Receiving water/Environment
Trade Effluent TSP 1 (number 6 on site plan in Schedule 7)	Discharge Point number 7 - Discharge "TDP".. Under Suspended Dock on site plan in Schedule 7	NGR ST 31970 84990	Severn Estuary/ River Usk
Trade Effluent TSP 2 (number 11 on site plan in Schedule 7)	Discharge Point number 12 - Discharge "SE-TDP"..Under Suspended Dock on site plan in Schedule 7	NGR ST 31740 84750	Severn Estuary/ River Usk

Table S3.3 Monitoring points

Effluents and discharge points	Monitoring type	Monitoring point NGR	Monitoring point reference
Emission point number 6 (Sample Point "TSP -1" on site plan in Schedule 7)	Maximum Concentration for all measured values	NGR ST 31970 84990	TSP1
Emission point number 11 (Sample Point "TSP -2" on site plan in Schedule 7)		NGR ST 31740 84750	TSP2
Secondary treated sewage effluent point number 9 (SESP "Bio -disc" on site plan in Schedule 7)		NGR ST 31620 84950	SESP

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 water Parameters as required by condition 3.3.1	NGR ST 31970 84990	Quarterly	01/07/15
Surface water monitoring Parameters as required by condition 3.3.1	NGR ST 31740 84750	Quarterly	01/07/15

Table S4.2 Reporting forms

Media/parameter	Reporting format	Date of form
Water and Land Form water 1 or other form as agreed in writing by Natural Resources Wales		01/07/15

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified Immediately	
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 permit condition	
To be notified immediately	
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

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(c) In the event 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:

To be notified immediately	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

“*accident*” means an accident that may result in pollution.

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

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

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

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

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

“*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 IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 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 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.

“*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

“*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.

“*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 IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 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.

“*WEEE*” means waste electrical and electronic equipment.

“*WEEE Directive*” means Directive 2002/96/EC of the European Parliament and of the Council of 27th January 2003 on waste electrical and electronic equipment (WEEE) as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8th December 2003 on waste electrical and electronic equipment (WEEE).

“*WFD*” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

“*year*” means calendar year ending 31 December.

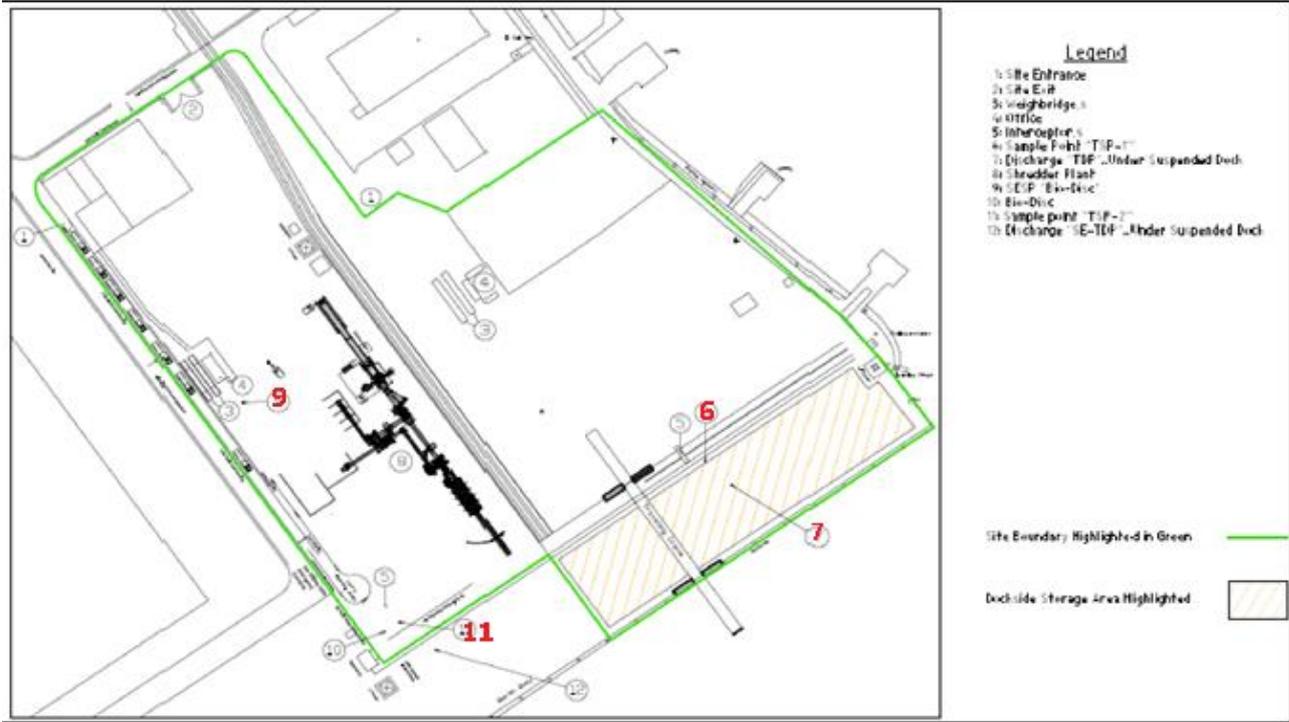
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

Schedule 7 - Site plan



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END OF PERMIT

Permit Number:

CP3795FY

Operator:

Sims Group UK Limited

Date of Form: 01/07/15

Facility:

Sims Group UK Limited

Form Number:

Water1 / DD/MM/YY

Reporting of emissions to water (other than to sewer) and land for the period from DD/MM/YYYY to DD/MM/YYYY

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Emission Point reference stated in Schedule 3, Table S3.3	Cadmium	1.6ug/l (for TRAC/Coastal waters) (dissolved)	Quarterly				
	Nickel	160ug/l (for TRAC/Coastal Waters) (dissolved)					
	Lead	57.6ug/l (for TRAC/Coastal Wasters) (dissolved)					
	pH	6-9 (less than 6 or greater than 9) (measured in pH units)					
	Naphthalene	9.6ug/l (for TRAC/Coastal waters) (dissolved)					

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Emission Point reference stated in Schedule 3, Table S3.3	Copper	40ug/l (for TRAC/Coastal Waters) (dissolved)					
	Iron	8000ug/l (for TRAC/Coastal waters) (dissolved)					
	Zinc	320ug/l (for TRAC/Coastal waters) (dissolved)					
	Chromium	4.8ug/l(for TRAC/Coastal waters) (dissolved)					
	Suspended Solids	200mg/l (measured after drying at 105 °C)					
	Oil and/or Grease	No visible Oil and/or Grease					
	Phenol	61.6ug/l (for TRAC/Coastal waters) (dissolved)					
Emission Point reference stated in Schedule 3, Table	Total daily volume of discharge	3.6 cubic metres per Day					
	Oil and/or Grease	No visible Oil and/or Grease					

Emission Point	Emission			Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Substance / Parameter	Limit Value	Reference Period				
S3.3 - secondary treated sewage effluent - sample point 9 SESP "Bio disc" on site map in Schedule 7							

- [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
 (Authorised to sign as representative of Operator)

Date.....