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Environment
Agency

The Company Director and/or Secretary
Sahaviriya Steel Industries UK Limited
CLE3/8 Landfill Site
Steel House
Redcar
Teesside
TS10 5QW

Our ref: L&T 9452
Your ref:

Date: 28 March 2011

Dear Sir/Madam

Transfer of permit

Permit number: EPR/RP3434HP/T001

Facility: CLE3/8 Landfill Site, Steel House, Redcar, Teesside, TS10 5QW

I confirm that the transfer of this environmental permit from Tata Steel UK Limited to you will take effect from 24 March 2011.

I enclose a transfer notice which shows the legal details of the transfer.

The environmental permit should have been passed to you by the previous operator during the handover of the property or business. If you do not have a copy of the permit you must contact a local officer. Telephone our Customer Contact Centre on 08708 506 506 and they will put you in touch with an area officer. The area officer can also help you with any other questions you have about the permit.

You will also need to look at the document 'How to comply with your environmental permit' as this will help you understand how to meet the conditions of the permit.

You can find this on our website at

<http://www.environment-agency.gov.uk/business/topics/permitting/32320.aspx>

If you do not have internet access please telephone our Customer Contact Centre.

Please look at the table below and note any of the information or actions that apply to your permit.



If...	then..
you wish to keep your records at a site other than where the activity takes place	you will need to tell your local area officer within 20 working days of receiving this letter. If you do not hear back from them within a further 20 working days please take this to mean we have agreed your record keeping location.
you need to submit quarterly waste returns on waste movements	you can get the forms you need from our website http://www.environment-agency.gov.uk/business/topics/waste/32176.aspx If you do not have web access phone our Customer Contact Centre
you need to submit other returns	send these to your area office. Speak to your area officer to check local arrangements.
your permit includes an installation	we've enclosed the pollution inventory letter, notice and fact sheet.

Yours faithfully



Nisbat Basharat
Permitting Support Advisor

Transfer of whole permit

Environmental Permitting (England and Wales) Regulations 2010

Transfer notice

Permit number
EPR/RP3434HP

Transfer notice number
EPR/RP3434HP/T001

Operator
Sahaviriya Steel Industries UK Limited

Registered office address
Millennium Bridge House
2 Lambeth Hill
London
EC4V 4AJ

Company registration number 07381674

Regulated Facility
CLE3/8 Landfill Site
Steel House
Redcar
Teesside
TS10 5QW

The Environment Agency in exercise of its powers under Regulation 21 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 (S.I. 2010 No. 675) accepts the transfer of this permit to the extent set out in schedules 1 to 4 of this notice.

Date

This notice shall take effect from 24 March 2011.

Name	Date
A.J. Nixon	24 March 2011

Authorised on behalf of the Environment Agency.

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following conditions are amended as follows:

- 1.2.1 The financial provision for meeting the obligations under this permit set out in the Performance agreement made between the operator and the Environment Agency dated 24/03/2011 shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by the Environment Agency.

Table S1.4 of Schedule 1 referred to in condition 2.5.1 shall be amended as follows:

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational Measures
1	Discharge of surface water to soakaway	No discharge of surface water to soakaway shall take place until a protocol for monitoring discharge point(s) has been agreed in writing by the Environment Agency. The protocol shall include a plan showing the intended location(s) of the soakaway and monitoring point(s).
2	Construction of Leachate Storage Lagoons	The operator shall provide, one month prior to construction of Leachate Storage Lagoons, the outline design for their construction. The design, build and operation of the Leachate Storage Lagoons shall be in accordance with the Guidance for the recovery and disposal of hazardous and non hazardous waste (SGN5.06).
3	Recirculation of leachate	No recirculation of leachate shall take place until the proposals for the recirculation scheme have been agreed in writing by the Environment Agency. The design, build and operation of the scheme shall be in accordance with Environment Agency guidance 'How to comply with your environmental permit Additional guidance for Landfill (EPR 5.02)'. The design, build and operation of the scheme shall be in accordance with Environment Agency guidance 'How to comply with your environmental permit Additional guidance for Landfill (EPR 5.02)'.
4	Capping	Prior to the commencement of cell engineering, the operator shall submit to the Environment Agency a revised phasing and capping plan for the installation. This shall update the exiting proposal to account for the time passed since the proposals were originally submitted.
5	Waste acceptance	Prior to the re-commencement of waste acceptance, the operator shall submit to the Environment Agency the details and qualifications of the Technically Competent Manager(s) for the landfill.

Schedule 3 – conditions to be added

None.

Schedule 4 – amended plan

None.

Mr Gareth J Williams
E,H&S Advisor
Steel House
Redcar
TS10 5QW

Our ref: DBM/RP3434HT/240511
Your ref

Date: 24 May 2011

Dear Gareth

Request to Change Monitoring Requirements of EPR Permit RP3434HT .

Further to your letter dated 28 April and our meeting on 19 May 2011, I can confirm that the Environment Agency agrees with the request under Condition 3.5.1 of your Permit to modify the monitoring requirements for this site.

The changes will comprise;

- 1) Boreholes 205 and 207 will not be required to be monitored for landfill gas.
- 2) As borehole 208A does not exist, the requirement in Table S3.10 to monitor this, is removed.

If you have any queries or require further information, please let me know.

Yours sincerely



Don Mason

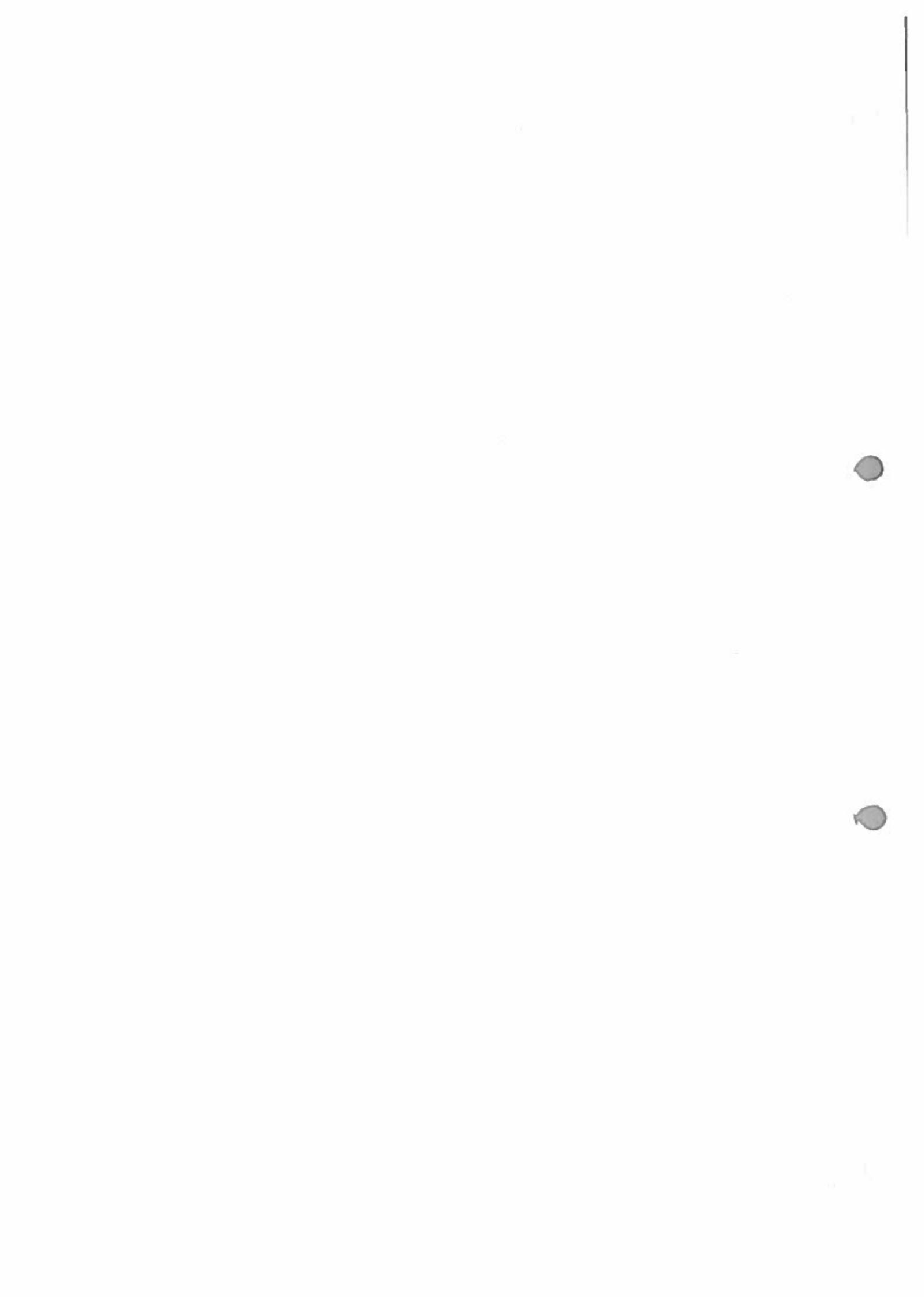
Regulatory Officer

Internal: 728 6145
External: 01325 376145
Fax: 01325 376198
e mail don.mason@environment-agency.gov.uk

Teesdale House, Lingfield Way, Yarm Road Industrial Estate,
Darlington, Co Durham, DL1 4GQ.

Customer services line: 08708 506 506
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www.environment-agency.gov.uk





CLE3/8 Landfill Site

Permit Number EPR/BW2129IB

Introductory note

This introductory note does not form a part of the permit

The main features of the facility are as follows.

This permit is for a landfill accepting non-hazardous waste operated by Tata Steel UK Limited. The installation is located approximately 8 km east of Middlesbrough at National Grid Reference NZ 5420 2200. The installation is within the Corus steelworks. Access to the installation from the public highway is by private road through the Corus Site.

It is understood that waste operations at the site have been undertaken since the 1920's and the site has primarily accepted industrial waste. The area of the installation comprises two former waste disposal sites known as CLE3 (referenced by the Environment Agency as EAWML/60135) and CLE8 (referenced EAWML/60136), which historically formed part of the waste disposal / landfill area utilised by the iron and steel Cleveland works and which is situated upon reclaimed land.

The installation is located within an area dominated by heavy industry. A car depot is approximately 1.3 km north east. The River Tees is 600 m north west, beyond which is an oil refinery and a chemical works. Immediately to the east of the site are two landfills (one accepting hazardous waste and one accepting non-hazardous wastes), beyond which approximately 350 m east lies the Secondary Liquid Effluent Management Area (SLEMS) which is a sludge treatment bed containing ashes and sludges. Tees Dock Road is approximately 550 m east, whilst Corus steel works is approximately 500 m south east with the Wilton Works site beyond.

Tees Dock Road is approximately 550 m east. Corus steel works is approximately 500 m south east with Wilton Works site beyond. There is a railway line along the southern site boundary along part of the Corus steel works. Offices and Clay Lane Commercial Park lie approximately 650 m south west. The A1085 is approximately 1.3 km south and the A66 about 900 m south. Grangetown is 1 km south and South Bank is 700 m south west. Steel works and derelict land are adjacent and up to at least 500 m west of the installation boundary.

Currently about 95 percent of the landfill area has been developed. It is the intention of the operator to construct cells above the existing waste mass. The existing waste mass comprises primarily blast furnace slag and is to be prepared to a suitable fall.

The constructed cells will have a geological barrier comprising 1.0 m of clay compacted to a maximum permeability of 1×10^{-9} m/s on both the base and the side slopes. This will be overlain by an artificial sealing liner of 2.0 mm HDPE geomembrane, with leachate collection layer above.

The site produces leachate, which will be collected and removed for disposal off site. The waste accepted is predominantly non-biodegradable slag, and there is considered to be no need to collect landfill gas. Uncontaminated surface water shed from the site will be disposed of via soakaway.

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

Status Log of the permit

Detail	Date	Comments
Application BW21291B	Duly made 07/05/2004	-
Additional Information received	16/07/2004	Letter regarding the end of acceptance of Hazardous Wastes
Additional Information requested	18/12/2010	Responses dated 16/02/2010, 12/05/2010, 14/05/2010, 18/05/2010, 03/06/2010 and 21/06/2010
Additional Information requested	28/04/2010	Responses dated 29/04/2010 and 09/06/2010
Additional Information requested	12/04/2010 and 04/05/2010	Response dated 12/05/2010
Additional Information received	06/07/2010	-
Additional Information received	10/09/2010	-
Permit EPR/BW21291B determined	22/10/2010	-

End of Introductory Note.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit

Permit number
EPR/BW21 291B

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Tata Steel UK Limited ("the operator"),
whose registered office is

**30 Millbank
London
SW1P 4WY**

company registration number **2280000**

to operate an installation at
**CLE3/8 Landfill Site
Corus Cleveland Works
Corus
Redcar
TS10 5QW**

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

Name	Date
<i>Martin Jenkins</i>	22/10/2010

Martin Jenkins

Authorised on behalf of the Environment Agency.

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 Finance

- 1.2.1 The financial provision for meeting the obligations under this permit set out in the Performance agreement made between the operator and the Environment Agency dated 22/10/2010 shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by the Environment Agency.
- 1.2.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover all of the following:
- (a) the costs of setting up and operating the landfill;
 - (b) the costs of the financial provision required by condition 1.2.1; and
 - (c) the estimated costs for the closure and aftercare of the landfill.

1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) Review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (b) Implement any 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")

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at schedule 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 the Environment Agency.
- (b) 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 specified in schedule 1, table S1.2 or otherwise required under this permit, 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.

2.4 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 Landfill Engineering

- 2.6.1 No construction of any new cell of the landfill shall commence until the operator has submitted construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.
- 2.6.2 Where the operator proposes to construct any new cell other than the first cell, but proposes no change from the design of the most recently approved cell which could have any impact on the performance of any element of the design, no construction of the new cell shall commence until operator has submitted a cell layout drawing and the Environment Agency has confirmed that it is satisfied with the cell layout drawing.
- 2.6.3 The construction of a new cell shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design, or
- (b) a change has otherwise been agreed in writing by the Environment Agency.

- 2.6.4 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and the Environment Agency has confirmed that it is satisfied with the CQA Validation Report.
- 2.6.5 No construction of landfill infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.
- 2.6.6 The construction of the landfill infrastructure shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or
 - (b) a change has otherwise been agreed in writing by the Environment Agency.
- 2.6.7 The operator shall submit a CQA Validation Report as soon as practicable following the construction of the relevant landfill infrastructure.
- 2.6.8 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.6.5 and 2.6.6 do not apply and the relevant landfill infrastructure may be constructed, provided that the construction proposals are submitted to the Environment Agency as soon as practicable.
- 2.6.9 For the purposes of conditions 2.6.1, 2.6.2, 2.6.4 and 2.6.5, the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:
- (a) confirmed whether or not it is satisfied; or
 - (b) informed the operator that it requires further information.
- 2.6.10 Where the Environment Agency has required further information under condition 2.6.9 (b), the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the further information, either:
- (a) confirmed whether or not it is satisfied, or
 - (b) informed the operator that it requires further information.

2.7 Waste acceptance

- 2.7.1 Wastes shall only be accepted for disposal if:
- (a) they are listed in schedule 2, and
 - (b) they are non-hazardous waste, and
 - (c) they are not whole used tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400 mm), and
 - (d) they are not shredded used tyres, and
 - (e) they are not liquid waste (including waste waters but excluding sludge), and
 - (f) they are not chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown, and
 - (g) all the relevant waste acceptance procedures have been completed, and

- (h) they fulfil the relevant waste acceptance criteria, and
 - (i) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and
 - (j) they are wastes which have been treated, except for: inert wastes for which treatment is not technically feasible; or it is waste other than inert waste and treatment would not reduce its quantity or the hazards which it poses to human health or the environment, and
 - (k) where they are wastes with a code beginning with 07 05 and 16 03, they shall exclude waste medicinal products and pharmaceutically active waste materials arising from their manufacture.
- 2.7.2 Gypsum and other high sulphate bearing waste shall only be disposed of in cells where no biodegradable waste is accepted. Wastes disposed of in a cell with gypsum and other high sulphate bearing wastes must meet the relevant waste acceptance criteria.
- 2.7.3 The operator shall visually inspect:
- (a) without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill; and
 - (b) waste at the point of deposit;
- and shall satisfy itself that it conforms to the basic characterisation documentation submitted by the holder.
- 2.7.4 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.
- 2.7.5 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.
- 2.7.6 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing ref. TS-05.
- 2.7.7 The quantity of waste that is deposited in the landfill in any year shall not exceed the limits in schedule 1 table S1.5.
- 2.7.8 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of municipal waste and multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.

2.8 Leachate levels

- 2.8.1 The limits for the level of leachate listed in schedule 3 table S3.1 shall not be exceeded.

2.9 Closure and aftercare

- 2.9.1 The operator shall maintain a closure and aftercare management plan.

2.10 Pests

- 2.10.1 The activities shall not give rise to pollution or hazards from pests. 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.
- 2.10.2 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;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.2, and S3.3.
- 3.1.2 The limits given in that schedule shall not be exceeded, save that compliance with an emission limit shall include incorporation of the uncertainty allowance stated in Environment Agency guidance LFTGN 05 and LFTGN 08.
- 3.1.3 There shall be no emission from the activities into groundwater of any hazardous substances contrary to the EP Regulations.
- 3.1.4 There shall be no emission from the activities into groundwater of any non-hazardous pollutants so as to cause pollution.
- 3.1.5 The operator shall submit to the Environment Agency a review of the Hydrogeological Risk Assessment:
- (a) between nine and six months prior to the sixth anniversary of the granting of the permit, and
 - (b) between nine and six months prior to every subsequent six years after the sixth anniversary of the granting of the permit.
- 3.1.6 The limits for landfill gas arising from the installation set out in schedule 3, table S3.6 shall not be exceeded.

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;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring and any other actions specified in the following tables in schedule 3 to this permit:
- (a) Leachate specified in tables S3.1 and S3.8;
 - (b) Point source emissions specified in tables S3.2 and S3.3;
 - (c) Groundwater specified in tables S3.4 and S3.10;
 - (d) Landfill gas specified in tables S3.5, S3.6 and S3.7;
 - (e) Surface water specified in table S3.9, and

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 A topographical survey of the site referenced to ordnance datum shall be carried out:

- (a) annually, and
- (b) prior to the disposal of waste in any new cell or new development area of the landfill, and
- (c) following closure of the landfill or part of the landfill.

The topographical survey shall be used to produce a plan of a scale adequate to show the surveyed features of the site.

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;
 - (iii) the results of groundwater monitoring;
 - (iv) sub-surface landfill gas monitoring;
 - (v) leachate levels, quality and quantities;
 - (vi) waste types and quantities;
 - (vii) the specification and as built drawings of the basal, sidewall and capping engineering systems.

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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum
- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto;
 - (b) the energy consumed at the site, reported in the format set out in schedule 4 table S4.3;
 - (c) the annual production/treatment set out in schedule 4 table S4.2;
 - (d) the topographical surveys required by condition 3.5.3 other than those submitted as part of a CQA validation report;
 - (e) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;
 - (f) an assessment of the settlement behavior of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;
 - (g) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables
- 4.2.4 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.
- 4.2.5 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 The Environment Agency shall be notified without delay following the detection of:
- (a) 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;
 - (b) the breach of a limit specified in the permit, or
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es), and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.

4.4 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

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 5.2 Part A(1)(a), The disposal of waste in a landfill.	Landfill for non-hazardous waste (D5 –Specially engineered landfill).	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in condition 2.7, as an integral part of landfilling.
Directly Associated Activity		
Leachate management.	Storage of leachate.	Storage of leachate arising from the landfill prior to off site disposal.

Description	Parts	Date Received
Application	The response to questions 2 1 and 2 2 given in part B of the application form. Excluding all references to the acceptance of stabilised non reactive waste and asbestos. Excluding leachate monitoring proposals (B2.2.31 and B2.2.32) Excluding groundwater monitoring proposals (B2 2.42) Excluding landfill gas monitoring proposals (B2.2.48, B2 2.52, B2.2.53 and 2.2.57); Excluding plan ref TS-17.	07/05/2005
Response to Request for information dated 18/12/2009	All parts excluding plan ref TS-17 in Monitoring Plan	16/02/2010 12/05/2010 14/05/2010, 18/05/2010, 03/06/2010 and 21/06/2010
Response to Request for information dated 12/04/2010	All parts.	12/05/2010
Response to Request for information dated 28/04/2010	All parts	29/04/2010 and 09/06/2010
Response to Request for information dated 04/05/2010	All parts	12/05/2010
Additional Information received	Revised Plan ref TS-17.	10/09/2010

Table 3.7 Improvement and compliance requirements		
Reference	Requirement	Date
IC1	<p>The operator shall undertake a written assessment of emissions of particulate from the landfill. The assessment shall be in accordance with the requirements of the Environment Agency's 'Monitoring of particulate matter in ambient air around waste facilities' (M17) and shall include characterisation of background conditions as well as emissions from the landfill.</p> <p>The operator shall incorporate the findings of the assessment into a particulate management and monitoring plan for the landfill. This shall include particulate management techniques to be implemented at the landfill and proposals for monitoring the emissions of particulate from the landfill including monitoring points, monitoring frequencies and monitoring standards or methods. The operator shall submit the assessment and particulate management and monitoring plan to the Environment Agency for approval.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the assessment and plan.</p> <p>The operator shall undertake any measures notified in writing by the Agency by the date indicated in the notification.</p>	31/07/2011
IC2	<p>The operator shall install boreholes BH5 and BH6 in the locations identified on drawing number TS-17. The boreholes shall be in accordance with the requirements of the Environment Agency's 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water' (LFTGN02).</p>	31/01/2011
IC3	<p>The operator shall undertake a programme of accelerated monitoring for boreholes BH4R and once installed, BH5 and BH6.</p> <p>The accelerated monitoring programme shall include a minimum of twelve data sets for the determinands monitored at a monthly or quarterly frequency in table S3.10, and at least one Hazardous Substance screen.</p> <p>The operator shall submit to the Environment Agency for approval in writing proposals for groundwater trigger levels for Ammoniacal Nitrogen, Lead, Zinc, Naphthalene, Toluene and Cyanide based on the results of the accelerated monitoring programme for these substances. The proposals shall be in accordance with the requirements of the Environment Agency's 'Hydrogeological Risk Assessment for Landfills' (LFTGN01).</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the proposals.</p> <p>The operator shall undertake any measures notified in writing by the Agency by the date indicated in the notification.</p>	30/04/2012
IC4	<p>The operator shall submit to the Environment Agency for approval proposals for methane and carbon dioxide trigger levels in external monitoring wells based on the results of the monitoring programme set out in table S3.5 to replace the interim trigger levels in that table. The proposals shall be in accordance with the requirements of the Environment Agency's 'Guidance on the management of of landfill gas' (LFTGN03).</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the proposals.</p> <p>The operator shall undertake any measures notified in writing by the Agency by the date indicated in the notification.</p>	31/01/2012

Reference	Operation	Pre-operational Measures
1	Discharge of surface water to soakaway	No discharge of surface water to soakaway shall take place until a protocol for monitoring discharge point(s) has been agreed in writing by the Environment Agency. The protocol shall include a plan showing the intended location(s) of the soakaway and monitoring point(s)
2	Construction of Leachate Storage Lagoons	The operator shall provide, one month prior to construction of Leachate Storage Lagoons, the outline design for their construction. The design, build and operation of the Leachate Storage Lagoons shall be in accordance with the Guidance for the recovery and disposal of hazardous and non hazardous waste (SGN5.06)
3	Recirculation of leachate	No recirculation of leachate shall take place until the proposals for the recirculation scheme have been agreed in writing by the Environment Agency. The design, build and operation of the scheme shall be in accordance with Environment Agency guidance 'How to comply with your environmental permit Additional guidance for Landfill (EPR 5.02)'
4	Capping	Prior to the commencement of cell engineering, the operator shall submit to the Environment Agency a revised phasing and capping plan for the installation. This shall update the exiting proposal to account for the time passed since the proposals were originally submitted.

Category	Limit Tonnes/ Year
Non-hazardous waste	280,000
Inert waste including inert waste imported for restoration	100,000

100,000 tonnes per year

Schedule 2 - List of permitted wastes

Table S2.1 Permitted waste types	
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 04	waste plastics (except packaging)
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 03	materials unsuitable for consumption or processing
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw material
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment

Table S2.1 Permitted waste type	
Waste code	Description
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	Bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 04	waste from cooling columns
05 07	wastes from natural gas purification and transportation
05 07 02	wastes containing sulphur
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 03	carbon black
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 01 99	wastes not otherwise specified - fish waste removed from the power station water extraction point

Table S2.1 Permitted waste types	
Waste code	Description
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 02 99	wastes not otherwise specified: Contaminated (i.e. mixed) raw material debris (coal, coke, ore and metallic dusts) from conveyor / transport systems across the steelworks that is not recovered back through the processes on site
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 04	other particulates and dust
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19

Table S2.1 Permitted waste types	
Waste code	Description
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND

Table S2.1 Permitted	
Waste code	Description
	OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
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
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 01 12	brake pads other than those mentioned in 16 01 11
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
16 03	off-specification batches and unused products
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 08	spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, indium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	waste linings and refractories

Table S2.1 Permitted waste types

Waste code	Description
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
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
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	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 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 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	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 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation,

Table S2.1 Permitted waste types	
Waste code	Description
	decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 03	stabilised/solidified wastes
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	waste from desanding
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 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 06	other fractions other than those mentioned in 19 10 05
19 11	wastes from oil regeneration
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	Glass
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
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 02	Glass
20 01 08	biodegradable kitchen and canteen waste

Table S2.1 Permitted waste types	
Waste code	Description
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 39	Plastics
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 03	street-cleaning residues

Table S2.2 Permitted for inert wastes accepte	
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 09	waste sand and clays
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
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 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

Schedule 3 – Emissions and monitoring

Table S3.1 Leachate level limits and monitoring requirements			
Monitoring point reference/ Description	Limit ¹	Monitoring frequency	Monitoring method
LWA, LWB, LWC, LWD, LWE, LWF, LWG, LWH, LWI, LWJ, LWK, LWZ, MA1, MA2, MB1, MB2, MC1, MC2, MD1, MD2, ME1, ME2, MF1, MF2, MG1, MG2, MH1, MH2, MI1, MI2, MJ1, MJ2, MK1, MK2, MZ as shown on drawing ref TS-17 of the application.	2 m above lowest point of cell base (mAOD)	Monthly	In accordance with Environment Agency document 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water' (LFTGN02), unless otherwise agreed in writing by the Environment Agency
<p>Note 1: At all monitoring wells (M series points), compliance with this limit shall be based on a calculated acceptable head equivalent to 2 metres above the lowest point of that cell.</p>			

Table S3.2 Point source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point Ref. & Location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
Soakaway areas (locations to be agreed in accordance with pre-operational measure 1 in table S1.4).	No parameters set	Uncontaminated Surface water runoff	No limits set	None	None	None

Table S3.3 Point source emissions to sewer, effluent treatment plant or by tankering or other transfer off-site – emission limits and monitoring requirements						
Emission point Ref. & Location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
Point marked 'Discharge to Tanker' on drawing ref. TS-12 of the application	None set	Leachate arising from the landfill	No limit set	None	None	None

Table S3.4 Trigger levels for emissions into groundwater and monitoring requirements

Monitoring point reference	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
BH4R, BH5 BH6 as shown on drawing ref TS-17 of the application.	Ammoniacal Nitrogen as N	TBC ¹	Spot Sample	Monthly ²	In accordance with Environment Agency document 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water (LFTGN02), unless otherwise agreed in writing by the Environment Agency. Hazardous (List I) substances monitoring methods in accordance with the Environment Agency's guidance 'Hydrogeological Risk Assessment for Landfills' (LFTGN01).
	Lead	TBC ¹	Spot Sample	Quarterly ²	
	Zinc	TBC ¹			
	Naphthalene	TBC ¹			
	Toluene	TBC ¹			
	Cyanide	TBC ¹			

Note 1: Limits to be confirmed in accordance with improvement condition IC3
 Note 2: An accelerated monitoring programme is required under improvement condition IC2. The frequency given here is that to be undertaken after completion of the improvement condition.

Table S3.5 Landfill gas in external monitoring boreholes – limits and monitoring requirements

Monitoring point Ref. /description	Parameter	Limit (incl. unit) ^{1, 2}	Monitoring frequency	Monitoring standard or method
BHB, BHC, BHD, BHE, BH15, BH205, BH206, BH207, BH208, BH208A as shown on drawing ref TS-17 of the application.	Methane	1 % v/v	Monthly	In accordance with Environment Agency document 'Guidance on the management of landfill gas,' (LFTGN 03) unless otherwise agreed in writing by the Environment Agency.
	Carbon Dioxide	1.5 % v/v		
	Oxygen	no limit		
	Atmospheric pressure	no limit		
	Differential Pressure	no limit		
	Temperature	no limit		
	Meteorological data	no limit		

Footnote 1: The limits specified assume no background concentrations.
 Footnote 2: These are interim limits - to be replaced in accordance with improvement condition IC4.

Table S3.6 Landfill gas from capped surfaces - monitoring requirements				
Monitoring point Ref. /description	Parameter	Monitoring frequency	Other specifications	Monitoring Standard or method
Permanently capped zone	Average methane flux and total methane emission	As per LFTGN 07 September 2004 ¹	Where the average zone emission rate of 0.001 mg/m ² /second is exceeded appropriate measures must be taken to reduce the rate.	As per LFTGN 07 September 2004 or as otherwise agreed in writing by the Environment Agency
Temporarily capped zone	Average methane flux and total methane emission	As per LFTGN 07 September 2004 ¹	Where the average zone emission rate of 0.1 mg/m ² /second is exceeded appropriate measures must be taken to reduce the rate.	As per LFTGN 07 September 2004 or as otherwise agreed in writing by the Environment Agency.
<p>Footnote 1: If a cap has previously been shown compliant and there have been no significant physical changes in the gas management during the year, a detailed walkover survey can be used to demonstrate that the surface emissions are under control. If this survey shows no change in the pattern of methane emission, it may be used as the annual survey and the values for average methane flux and total methane emissions measured in the previous year may be reported. A quantitative survey is not necessary. If the zone remains stable, the results of a detailed walkover survey will be acceptable for the annual report for a period of four years before a further quantitative survey is required.</p>				

Table S3.7 Landfill gas – other monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
In waste monitoring boreholes G01, G02, G03, G04, G05, G06, G07, G08, G09, G10, G11, G12, G13, G14, G15, G16, G17, G18, G19, G20, G21, G22, G23, G24, G25, G26, G27, G28, G29, G30, G31, G32, G33, G34, G35 as shown on drawing ref TS-17 of the application.	Methane	Monthly	In accordance with Environment Agency document 'Guidance on the management of landfill gas,' (LFTGN 03) unless otherwise agreed in writing by the Environment Agency.	None
	Carbon Dioxide			
	Oxygen			
	Atmospheric pressure			
	Differential pressure			
	Meteorological Data			
Six in-waste monitoring boreholes from the above list on a rolling basis.	Trace gas analysis in accordance with LFTGN04.	Annually	None	The concentration of trace gas components shall be assessed against the assumptions made in the Landfill gas risk assessment.

Table S3.8 Leachate- other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications		
LWA, LWB, LWC, LWD, LWE, LWF, LWG, LWH, LWI, LWJ, LWK, LWZ as shown on drawing ref TS-17 of the application.	Chloride	Monthly	In accordance with Environment Agency document 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water (LFTGN02), unless otherwise agreed in writing by the Environment Agency.	None		
	Electrical Conductivity					
	Dissolved Oxygen					
	Temperature					
	pH					
	Ammoniacal Nitrogen as N					
	BOD ATU 5 day					
	COD total (1 hr settled)					
	TOC (filtered)				Quarterly	None
	TON as N					
	Alkalinity as CaCO ₃					
	Sulphate as SO ₄					
	Nitrate					
	Calcium					
	Magnesium					
	Potassium					
	Phosphate					
	Sodium					
	Barium					
	Boron					
	Cyanide					
	Cadmium					
	Chromium					
	Copper					
	Iron					
	Lead					
	Zinc					
	Manganese					
	Nickel					
	Fluoride					
	Arsenic					
	Mecoprop					
	Phenols					
Naphthalene						
Mercury						
Atrazine						
Benzene						
Toluene						
Ethylbenzene						
Xylene (m-, p-, o-)						
Hydrocarbons (TPH CWG Aliphatic/Aromatic Speciated)						
Depth to base of monitoring well	Annually	None				

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
	Hazardous Substance screen	Annually	Hazardous (List I) substances monitoring methods in accordance with the Agency's guidance 'Hydrogeological Risk Assessment for Landfills' (LFTGN01)	None

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Soakaway areas (locations and monitoring points to be agreed in accordance with pre-operational measure 1 in table S1.4).	Temperature	Monthly	In accordance with Environment Agency document 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water (LFTGN02), unless otherwise agreed in writing by the Environment Agency	None
	pH			
	Electrical Conductivity			
	Ammoniacal Nitrogen as N			
	Visible oil or grease	Annually	Hazardous (List I) substances monitoring methods in accordance with the Agency's guidance 'Hydrogeological Risk Assessment for Landfills' (LFTGN01)	
Hazardous substances detected in leachate				

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
BH1, BHB, BHC, BHD, BHE, BHF, BH1, BH4R, BH15, BH204A, BH205, BH206, BH207, BH208, BH209A, (plus BH5 and BH6 once installed) as shown on drawing ref TS-17 of the application.	pH	Monthly	In accordance with Environment Agency document 'Guidance on Monitoring of Landfill Leachate Groundwater and Surface Water (LFTGN02), unless otherwise agreed in writing by the Environment Agency	None
	Electrical Conductivity			
	Dissolved Oxygen			
	Temperature			
	COD (total)			
	BOD ATU 5 day			
	Ammoniacal Nitrogen as N			
	Chloride			
	TOC (filtered)	Quarterly		
	Calcium			
	Magnesium			

Table S3.10 Groundwater – other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
	Sodium			
	Potassium			
	Phosphate			
	Sulphate as SO ₄			
	Alkalinity as CaCO ₃			
	TON as N			
	Nitrate			
	Barium			
	Boron			
	Cyanide			
	Cadmium			
	Chromium			
	Copper			
	Nickel			
	Lead			
	Zinc			
	Iron			
	Manganese			
	Fluoride			
	Arsenic			
	Mecoprop			
	Phenols			
	Naphthalene			
	Mercury			
	Atrazine			
	Benzene			
	Benzene			
	Toluene			
	Ethylbenzene			
	Xylene (m-, p-, o-)			
Hydrocarbons (TPH CWG Aliphatic/Aromatic Speciated)				
	Hazardous Substance screen	Annually	Hazardous (List I) substances monitoring methods in accordance with the Agency's guidance 'Hydrogeological Risk Assessment for Landfills' (LFTGN01)	None

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
Leachate levels As required by condition 3.5.1	As per Table S3.1	Every 3 months	22/10/2010
Groundwater Parameters as required by condition 3.5.1	As per Table S3.4 and S3.10	Every 3 Months	22/10/2010
Landfill gas surface emissions Parameters as required by condition 3.5.1	As per Table S3.6	Every 12 months	22/10/2010
Landfill gas lateral migration Parameters as required by condition 3.5.1	As per Table S3.5	Every 6 months	22/10/2010
Other Landfill gas monitoring Parameters as required by condition 3.5.1	As per Table S3.7	Every 12 months	22/10/2010
Other leachate monitoring Parameters as required by condition 3.5.1	As per Table S3.8	Every 3 months	22/10/2010
Other surface water monitoring Parameters as required by condition 3.5.1	As per Table S3.9	Every 6 months	22/10/2010

Table S4.2 Annual production/treatment	
Leachate: Disposed of off site, Disposed of to any onsite effluent treatment plant; Recirculated into the waste mass	Cubic metres/year
Surface water and/ or groundwater: Disposed of off site; Disposed of to any onsite effluent treatment plant	Cubic metres/year
Landfill gas. combustion in flares; combustion in gas engines; Other methods of gas utilisation.	Normalised cubic metres/year

Table S4.3 Performance Parameters			
Parameter	Frequency of assessment	Annual total	Unit
Energy used (including for leachate treatment)	Annually		MWh of electricity

Table S4.4 Reporting Forms		
Media/parameter	Reporting Format	Date of Form
Leachate	Form Leachate 1 or other reporting format to be agreed in writing with the Environment Agency	22/10/2010
Controlled water	Form Water 1 or other reporting format to be agreed in writing with the Environment Agency	22/10/2010
Groundwater	Form Groundwater 1 or other reporting format to be agreed in writing with the Environment Agency	22/10/2010
Landfill gas	Form LFG 1 or other reporting format to be agreed in writing with the Environment Agency	22/10/2010
Waste Return	Waste Return Form RATS2E	-
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with the Environment Agency	-

Schedule 5 - Notification

This page outlines 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	EPR/BW21291B
Name of operator	Tata Steel UK Limited
Location of Facility	CLE 3/8 Landfill Site Corus Cleveland Works Corus Redcar TS10 5QW
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 supplied 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 Tata Steel UK Limited.

Schedule 6 - Interpretation

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

"Annually" means once every year.

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

"Background concentration" means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site, or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge, or
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site.

"Cell layout drawing" means:

- (a) A drawing or drawings of the proposed new cell that illustrate(s) in sufficient detail:
- i. the location of the new cell on the site;
 - ii. the proposed level (Above Ordnance Datum) of the base of the excavation;
 - iii. the proposed finished levels of all containment and leachate drainage layers;
 - iv. the positions of leachate management infrastructure; and
 - v. the positions of landfill gas infrastructure (if appropriate).
- (b) A detailed written explanation of any minor design changes from the most recently approved cell that result from the new cell layout. This would include, for example:
- i. changes to slope length and gradient within the cell;
 - ii. new leachate or landfill gas infrastructure construction design;
 - iii. slope stability issues such as new basal excavation level; and/or
 - iv. depth of waste.

"Construction Proposals" means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the New Cell or Landfill Infrastructure.

"CQA Validation Report" means the final "as built" construction and engineering details of the New Cell or the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;

- Plans showing the location of all tests;
- "As-built" plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the New Cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

"Emissions to land" includes emissions to groundwater.

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

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

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

"Landfill Infrastructure" means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;
- landfill gas monitoring boreholes;
- landfill gas management systems;
- lining within the installation;

within the site.

"LFTGN 05" means Environment Agency Guidance for monitoring enclosed landfill gas flares, September 2004.

"LFTGN 08" means Environment Agency Guidance for monitoring landfill gas engines, September 2004.

"Liquids" means any liquid other than leachate within the engineered landfill containment system.

"Medicinal product" means any medicine licensed by the Medicines and Healthcare products Regulatory Agency (MHRA) of their predecessors under the Medicines Act 1968, section 130.

"New Cell" means any new cell, part of a cell or other similar new area of the site where waste deposit is

to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- barriers;
- liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the New Cell.

"No impact" means that the change made to the construction process will not affect the agreed design criteria, specification or performance in a way that has a negative effect.

"Pests" means Birds, Vermin and Insects.

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

"Review of the Hydrogeological Risk Assessment" means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the EP Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the permit continue to meet the requirements of the EP Regulations.

"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.

"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 the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

