

# Permit with introductory note

## The Environmental Permitting (England & Wales) Regulations 2010

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Santander UK Plc  
Carlton Park Data Centre 1 & 2  
Narborough  
Leicestershire  
LE19 0AL

**Permit number**

EPR/QP3533ED

# **Carlton Park Data Centre 1 & 2**

## **Permit number EPR/QP3533ED**

### **Introductory note**

#### **This introductory note does not form a part of the permit**

The main features of the permit are as follows.

The permit is for the operation of emergency standby diesel generators, Diesel Rotary Uninterruptable Power Supply (DRUPS) units, to provide backup power generation to two data centres in the event of National Grid failure and planned maintenance. The site is operated by Santander UK Plc. The proposed facility is located in Carlton Business Park, Narborough and is centred on National Grid Reference SP 53752 98237.

Electrical power is provided to the data centres from the National Grid. However, in the event of a failure in the electrical supply, the operator will utilise standby DRUP units to maintain operational resilience. The DRUPS will be used solely for the purpose for generating power for the facility. No electricity will be exported from the installation.

The data centres will house the same number of DRUPS units and will be constructed in two phases: designated as Day 1 and Day 2. Six DRUPS units will be provided for the Day 1 configuration, in each data centre, and a further six DRUPS units will be provided for the Day 2 configuration, totalling 24 DRUPS units across both data centres. Each unit has a thermal capacity of 4.49 megawatts (MWth) and a total aggregated thermal input of 107.76 MWth.

Diesel fuel will be stored on the facility in four bulk fuel tanks, which are housed within subterranean bunkers. There will be two bunkers on each site, each containing two 67,500 litre bulk fuel tanks. Fuel for the generators will be transferred from the bulk tankers via a pipe network designed to minimise the potential for spillages.

There will be no process effluent discharge from the installation. Uncontaminated water from roof and hard standing run off will drain via a below ground surface water drainage system to attenuation tanks with the objective of recycling any uncontaminated water where possible. Any excess that can't be reutilised within the installation is discharged to foul sewer.

The installation will operate an Environment Management System in line with the requirements of ISO 14001.

There are two Sites of Special Scientific Interest (SSSIs) and 19 local wildlife sites (LWS) located within two kilometres of the installation.

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

| <b>Status log of the permit</b>                 |                                 |  |
|---|---------------------------------|--|
| <b>Description</b>                              | <b>Date</b>                     | <b>Comments</b>  |
| Application received<br>EPR/QP3533ED/A001       | Duly made<br>14/07/2015         | Application to operate standby diesel generators in the event of National Grid failure and maintenance activities.   |
| Response to Schedule 5 Notice dated, 01/09/2015 | 09/09/2015                      | Clarification on worst case operational event (event 3) of the facility.   |
| Response to Schedule 5 Notice dated, 21/09/2015 | 21/09/2015                      | Confirmation and further detail of the emission concentrations used in the air quality modelling.  |
| Additional information received                 | 06/10/2015                      | Confirmation of event 2 – routine maintenance scenario.  |
| Additional information received                 | 19/10/2015                      | Consideration for the use of fast start aero engines based gas turbines as part of the best available techniques (BAT) assessment.   |
| Additional information received                 | 16/11/2015<br>and<br>18/11/2015 | Clarification of the standby diesel generator emission data from the manufacturers.  |
| Additional information received                 | 13/01/2016                      | Clarification of the oxides of nitrogen emission concentration from the manufacturers.   |
| Response to Schedule 5 Notice, dated 22/01/2016 | 23/02/2016                      | Revised proposal for improved standby generator specifications for the additional 12 standby generators to be installed and options for abatement for the installed 12 standby generators. |
| Permit determined<br>EPR/QP3533ED               | 15/03/2016                      | Permit issued to Santander UK Plc.   |

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/QP3533ED**

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

**Santander UK Plc** ("the operator"),

whose registered office is

**2 Triton Square**

**Regent's Place**

**London**

**NW1 3AN**

company registration number 02294747

to operate an installation at

**Carlton Park Data Centre 1 & 2**

**Narborough**

**Leicestershire**

**LE19 0AL**

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

| Name      | Date       |
|-----------|------------|
| M Bischer | 15/03/2016 |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

- 1.2.1 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”).

### **2.2 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 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

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

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

2.3.4 The activities shall not operate for more than 500 hours in emergency use.

### **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 activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

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

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

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

## **3.2 Emissions of substances not controlled by emission limits**

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

3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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

## **3.3 Odour**

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

3.3.2 The operator shall:

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

## **3.4 Noise and vibration**

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

3.4.2 The operator shall:

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

## **3.5 Monitoring**

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

- (a) point source emissions specified in tables S3.1 and S3.2; and

- (b) process monitoring specified in table S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
  - (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
  - (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data; and
  - (b) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
  - (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
  - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.3; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.



4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

## 4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

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

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

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

- (c) any change in the operator's name or address; and
- (d) any steps taken with a view to the dissolution of the operator.

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

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

## 4.4 Interpretation

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

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

# Schedule 1 – Operations

| <b>Table S1.1 activities</b>   |   |   |
|--|---|---|
| <b>Activity listed in Schedule 1 of the EP Regulations</b>   | <b>Description of specified activity</b>  | <b>Limits of specified activity</b>   |
| Section 1.1 A(1) (a):<br>Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more | Operation of emergency standby generators burning diesel solely for the purpose of providing electricity to the installation in the event of a failure of supply from the National Grid comprising;<br><br>12 x 4.49 MWth standby generators in DC1 and 12 x 4.49 MWth standby generators in DC2, with a total combined thermal input of 107.76 MWth. | From receipt of raw materials and generation of electricity to despatch of products and waste.<br><br>Electricity produced at the installation cannot be exported to the National Grid. |
| <b>Directly Associated Activity</b>  |   |   |
| Directly associated activity   | Gas oil storage   | From receipt of raw materials to dispatch for use including all associated pipework, handling and transfer to and from storage tanks.   |

| <b>Table S1.2 Operating techniques</b>             |   |                              |
|--|---|------------------------------|
| <b>Description</b>                                 | <b>Parts</b>  | <b>Date Received</b>         |
| Application received<br>EPR/QP3533ED/A001          | Parts B2 and B3 and the referenced supporting information.<br>Further information regarding amended modelling and associated modelling files (email dated 14/07/2015)                             | Duly Made<br>14/07/2015      |
| Response to Schedule 5 Notice, dated<br>01/09/2015 | Clarification on worst case operational event (event 3) of the facility.  | 09/09/2015                   |
| Response to Schedule 5 Notice, dated<br>21/09/2015 | Confirmation and further detail of the emission concentrations used in the air quality modelling.   | 21/09/2015                   |
| Additional information received                    | Confirmation of the routine maintenance scenario (event 2).   | 06/10/2015                   |
| Additional information received                    | Clarification of the standby diesel generator emission data and engine data sheets.   | 16/11/2015 and<br>18/11/2015 |
| Additional information received                    | Confirmation of the NO <sub>x</sub> emission concentration from the manufactures.   | 13/01/2016                   |
| Response to Schedule 5 Notice, dated<br>22/01/2016 | Revised proposal for improved standby diesel generator specifications for the additional 12 standby generators to be installed and options for abatement for the installed 12 standby generators. | 23/02/2016                   |

| <b>Table S1.3 Improvement programme requirements</b> |  |                                 |
|--|--|---------------------------------|
| <b>Reference</b>                                     | <b>Requirement</b>   | <b>Date</b>                     |
| IC1  | The operator shall prepare and submit a report including proposals for the further attenuation and/or management of noise for Data Centre 2 and shall include a timescale, to be agreed with the Environment Agency, for | Within 6 months of permit issue |

| <b>Table S1.3 Improvement programme requirements</b> |  |                                 |
|--|--|---------------------------------|
| <b>Reference</b>                                     | <b>Requirement</b>   | <b>Date</b>                     |
|  | the implementation of the proposed measures.   |                                 |
| IC2  | The operator shall carry out a detailed modelling assessment of the emissions to air from the existing 12 standby generators using the emissions concentrations provided by the manufacturer. The report shall be submitted in writing to the Environment Agency for approval. | Within 6 months of permit issue |

| <b>Table S1.4 Pre-operational measures for future developments</b> |  |  |
|--|--|--|
| <b>Reference</b>   | <b>Operation</b>                                     | <b>Pre-operational measures</b>  |
| PO1  | Installation of the additional 12 standby generators | <p>Prior to the commencement of installing the additional 12 standby generators the operator shall undertake a comprehensive review of the best available options; this shall include but not be limited to;</p> <ul style="list-style-type: none"> <li>• oxides of nitrogen emission concentrations;</li> <li>• evidence that the considered options will achieve an oxides of nitrogen emission concentration of below 2000 mg/m<sup>3</sup>; and</li> <li>• a modelling assessment to predict the impact of the additional 12 engines on air quality in comparison to the relevant environmental assessment levels.</li> </ul> <p>A written report summarising the options shall be submitted to the Environment Agency and include timescales for the implementation of the preferred option. The report shall be submitted in writing for approval by the Environment Agency.</p> |

## Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels |  |
|------------------------------------|--|
| Raw materials and fuel description | Specification                          |
| Gas oil                            | Not exceeding 0.1% w/w sulphur content |

## Schedule 3 – Emissions and monitoring

| <b>Emission point ref. &amp; location</b>  | <b>Source</b>  | <b>Parameter</b> | <b>Limit (including unit)</b> | <b>Reference period</b> | <b>Monitoring frequency</b> | <b>Monitoring standard or method</b>  |
|--|--|------------------|-------------------------------|-------------------------|-----------------------------|---------------------------------------|
| A1 to A12 [as shown on the site plan 'Emission Points & EPR Boundary and labelled as EP – 1A1 to EP – 1B6' in application EPR/QP3533ED/A001]                           | Combustion gases from emergency diesel generators in Data Centre 1 | ---              | No limits set                 | ---                     | ---                         | No permanent sampling access required |
| A13 – A24 [as shown on the site plan 'Emission Points & EPR Boundary and labelled as EP – 2A1 to EP – 2B6' in application EPR/QP3533ED/A001]                           | Combustion gases from emergency diesel generators in Data Centre 2 | ---              | No limits set                 | ---                     | ---                         | No permanent sampling access required |
| Vents from tanks M – 1A1 to M – 2B2 [as shown on the site plan 'Emission Points & EPR Boundary and labelled as EP – 1A1 to EP – 1B6' in application EPR/QP3533ED/A001] | Diesel storage tanks M – 1A1 to M – 2B2                            | ---              | No limits set                 | ---                     | ---                         | No permanent sampling access required |

| <b>Emission point ref. &amp; location</b>   | <b>Source</b>                                       | <b>Parameter</b>  | <b>Limit (incl. Unit)</b> | <b>Reference period</b> | <b>Monitoring frequency</b> | <b>Monitoring standard or method</b> |
|---|---|-------------------|---------------------------|-------------------------|-----------------------------|--------------------------------------|
| FMH 7 emission to Severn Trent Water sewer [as shown on the site plan 'Building DC1 External Drainage Layout' in application EPR/QP3533ED/A001]   | Uncontaminated surface water from oil storage areas | No parameters set | No limits set             | ---                     | ---                         | ---                                  |
| FMH 16B emission to Severn Trent Water sewer [as shown on the site plan 'Building DC2 External Drainage Layout' in application EPR/QP3533ED/A001] | Uncontaminated surface water from oil storage areas | No parameters set | No limits set             | ---                     | ---                         | ---                                  |

| <b>Table S3.3 Process monitoring requirements</b>   |                    |                             |                                      |                             |
|---|--------------------|-----------------------------|--------------------------------------|-----------------------------|
| <b>Emission point ref. or source or description</b> | <b>Parameter</b>   | <b>Monitoring frequency</b> | <b>Monitoring standard or method</b> | <b>Other specifications</b> |
| Emergency diesel generators DC1                     | Hours of operation | Continuous                  | Not applicable                       | None                        |
| Emergency diesel generators DC2                     | Hours of operation | Continuous                  | Not applicable                       | None                        |

## Schedule 4 – Reporting

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

| <b>Table S4.1 Reporting of monitoring data</b> |   |                         |                      |
|--|---|-------------------------|----------------------|
| <b>Parameter</b>                               | <b>Emission or monitoring point/reference</b> | <b>Reporting period</b> | <b>Period begins</b> |
| ---  | ---   | ---                     | ---                  |

| <b>Table S4.2 Performance parameters</b> |                                |                    |
|--|--------------------------------|--------------------|
| <b>Parameter</b>                         | <b>Frequency of assessment</b> | <b>Units</b>       |
| Gas oil usage                            | Annually                       | Tonnes             |
| Emergency diesel generators DC1          | Annually                       | Hours of operation |
| Emergency diesel generators DC2          | Annually                       | Hours of operation |

| <b>Table S4.3 Reporting forms</b> |   |                     |
|-----------------------------------|---|---------------------|
| <b>Media/parameter</b>            | <b>Reporting format</b>   | <b>Date of form</b> |
| Other performance indicators      | Form performance 1 or other form as agreed in writing by the Environment Agency | 15/03/2016          |



# 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 |  |

|   |  |
|---|--|
| <b>(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</b> |  |
| <b>To be notified within 24 hours of detection</b>  |  |
| 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>(b) Notification requirements for the breach of a limit</b>                      |  |
| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |  |
| 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                       |  |

| <b>Time periods for notification following detection of a breach of a limit</b> |                            |
|---|----------------------------|
| <b>Parameter</b>  | <b>Notification period</b> |
|   |                            |
|   |                            |
|   |                            |

| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b> |  |
|--|--|
| <b>To be notified within 24 hours of detection</b>   |  |
| Description of where the effect on the environment was detected  |  |
| Substances(s) detected   |  |
| Concentrations of substances detected  |  |
| Date of monitoring/sampling  |  |

## **Part B – to be submitted as soon as practicable**

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

|           |  |
|-----------|--|
| Name*     |  |
| Post      |  |
| Signature |  |
| Date      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

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

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

“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.

“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.

“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.

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

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

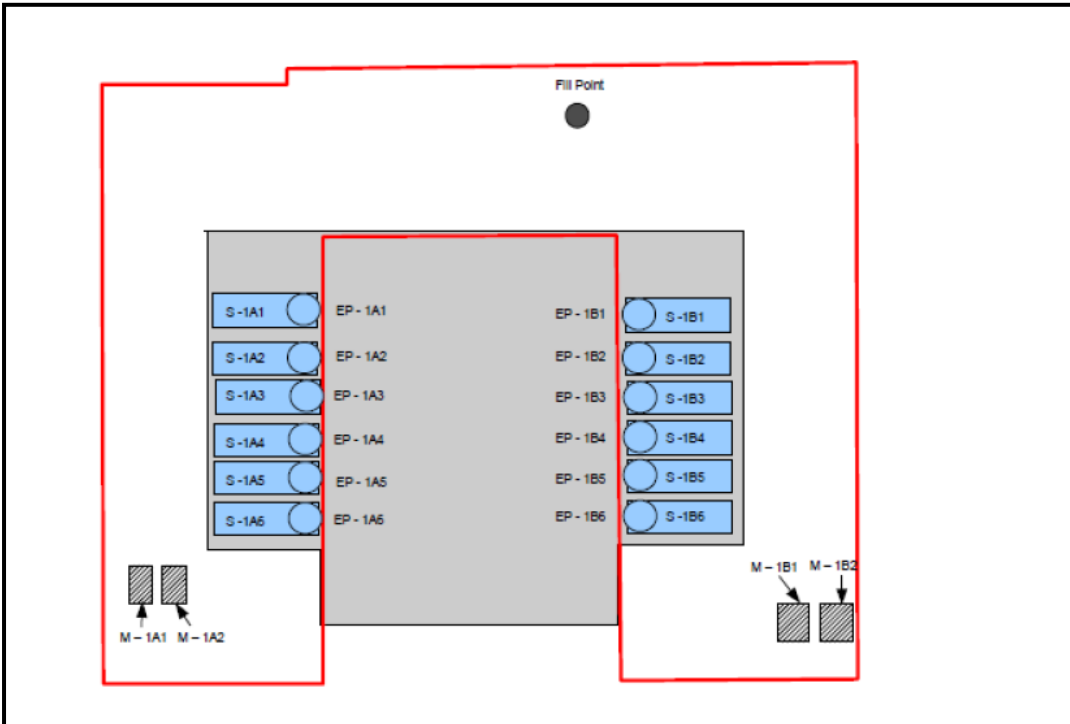
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

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

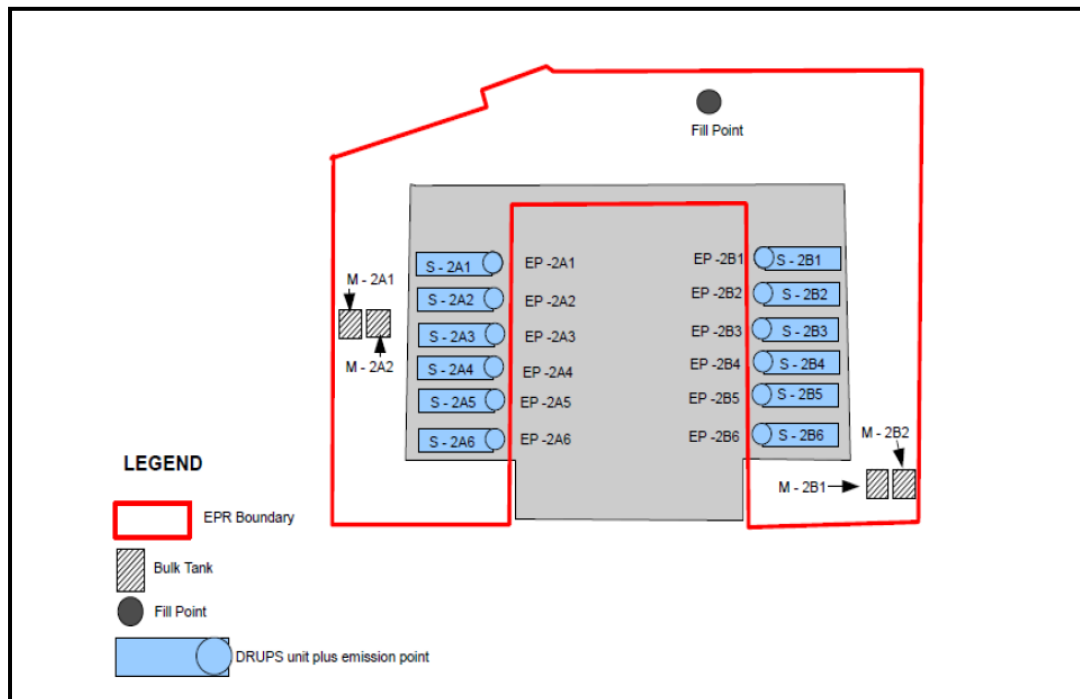
“year” means calendar year ending 31 December.

# Schedule 7 – Site plan

## Data Centre 1:



## Data Centre 2:



END OF PERMIT