

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

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Wingas Storage UK Limited

Saltfleetby Wellsites  
Saddleback Road  
Howdales  
South Cockerington  
Louth  
LN11 7DJ

**Variation application number**

EPR/DB3406CS/V002

**Consolidated permit number**

EPR/DB3406CS

# Saltfleetby Wellsites

## Permit number EPR/DB3406CS

### Introductory note

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

The following notice gives notice of the variation of environmental permits EPR/DB3406CS and EPR/DB3504XY referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

Under the Environmental Permitting (England & Wales) Regulations 2016 (Schedule 5, Part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

The permit covers three discrete well sites in close proximity to each other, Saltfleetby A site, Saltfleetby B site and Saltfleetby B site extension, with facilities for 8 individual wells. The sites are located near the village of Saltfleetby St. Peter, approximately 10km north east of Louth, Lincolnshire. The A and B sites are approximately 1km apart, located on either side of Saddleback Road. The two sites combined comprise of eight wells, of which five are either long term suspended or non-operational.

All materials (wastes and product) arising from the wells are delivered by 10" pipeline to the nearby Theddlethorpe Gas Terminal (TGT). The two Saltfleetby sites are connected by a 6" pipeline. The 'B' site features a test line and three-phase separator which is used to individually test wells within the two site system, following testing, gas is returned to the systems mainline for onward delivery to TGT.

The site is covered by an annual venting consent issued by the Oil and Gas Authority (OGA), which allows the site to vent gas un-combusted to atmosphere at a daily average rate of no more than 0.005 tonnes per day (approximately 7m<sup>3</sup>). The purpose of this consent is resource preservation rather than environmental protection, however, on this occasion there is no conflict between the requirements and conditions of the OGA consent and what is appropriate under the Environmental Permitting Regulations.

The main features of this permit variation are as follows:

- 1) Combine the permitted area covered by the two permits into one permitted site, and extensions of the permitted site to include Saltfleetby B wellsite.
- 2) A Mining Waste Operation, as defined by the Mining Waste Directive and Schedule 20 of the Environmental Permitting (England and Wales) Regulations 2016, as amended, relating to the management of extractive waste. The permit approves a Waste Management Plan that allows for management of extractive mining wastes from borehole drilling activities for exploratory activities and well workovers. The near well-bore treatments will include acid-wash and hot oil wash and management of waste gas which is vented subject to limits imposed by a gas venting consent issued by Oil and Gas Authority.
- 3) An Industrial Emission activity as defined by the Industrial Emissions Directive and Part 2 Schedule 1 section 5.1 A(1)(a) of the Environmental Permitting (England and Wales) Regulations 2016, as amended, relating to the incineration of hazardous waste in a waste incineration plant or waste co-incineration plant with a capacity exceeding 10 tonnes per day as listed in schedule of the EP regulations

This variation serves to consolidate, update the permit to modern conditions and change the site name to Saltfleetby Wellsites.

The schedules specify the changes made to the permit.

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

| <b>Status log of permit A: EPR/DB3406CS</b>                                      |                         |  |
|--|-------------------------|--|
| <b>Description</b>   | <b>Date</b>             | <b>Comments</b>  |
| Application<br>EPR/DB3406CS/V002   | Duly made<br>07/08/2015 | Application for an environmental permit for the management of extractive mining waste. |
| Additional information received  | 16/10/2015              | Information on typical weld joints   |
| Additional information received  | 16/10/2015              | Lining membrane method statement   |
| Permit determined<br>EPR/DB3406CS  | 03/11/2015              | Permit issued to Wingas Storage UK Limited.  |
| Application<br>EPR/DB3406CS/V002 (variation and consolidation with EPR/DB3504XY) | Duly made<br>20/12/2016 | Application to vary and update the permit to modern conditions.                        |
| Variation determined   | 20/08/2018              | Varied and consolidated permit issued in modern condition format.                      |

| <b>Status log of permit B: EPR/DB3504XY</b>  |                         |   |
|--|-------------------------|---|
| <b>Description</b>   | <b>Date</b>             | <b>Comments</b>   |
| Application<br>EPR/DB3406CS/V002   | Duly made<br>02/09/2015 | Application for an environmental permit for the management of extractive mining waste and waste gas.  |
| Additional information received  | 11/01/2016              | Response to schedule 5 notice sent on 24/11/2015 requesting for further information on the proposed flare, proposed monitoring programme and amendments to the waste management plan. |
| Additional information received  | 03/03/2016              | Further responses to Schedule 5 notice  |
|  |                         | Revised Waste Management Plan (Version 3)   |
|  |                         | Flare Appraisal and design (revision 2)   |
| Additional information received  | 17/03/2016              | Dispersion modelling assessment of the impact of gas flaring at Saltfleetby B well site on local air quality  |
| Additional information received  | 23/03/2016              | Air dispersion model data input files   |
| Additional information received  | 21/04/2016              | Further response to Schedule 5 notice   |
|  |                         | Flaresim report with tip data   |
| Additional information received  | 17/05/2016              | Further response to Schedule 5 notice   |
|  |                         | Technical Note : Well clean up procedure using a flare – TN001  |
| Original Permit determined<br>EPR/DB3406CS   | 03/10/2016              | Permit issued to Wingas Storage UK Limited.   |
| Application<br>EPR/DB3504XY/V002 (variation and consolidation with <b>EPR/DB3406CS</b> ) | Duly made<br>20/12/2016 | Application to vary and update the permit to modern conditions.   |

|                                      |            |  |
|--------------------------------------|------------|--|
| Variation determined<br>EPR/DB3406CS | 20/03/2018 | Varied and consolidated permit issued in modern<br>condition format. |
|--------------------------------------|------------|--|

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates environmental permits

### Permit numbers

**EPR/DB3406CS**

**EPR/DB3504XY**

### Issued to

**Wingas Storage UK Limited** (“the operator”)

whose registered office is

#### **Building 3**

**Chiswick Business Park**

**566 Chiswick High Road**

**Chiswick**

**London**

**W4 5YA**

company registration number 00953066

to operate a regulated facility at

#### **Saltfleetby Wellsites**

**Saddleback Road**

**Howdales**

**South Cockerington**

**Louth**

**LN11 7DJ**

to the extent set out in the schedules.

The notice shall take effect from 20/03/2018

**The number of the consolidated permit is EPR/DB3406CS.**

| <b>Name</b>   | <b>Date</b>       |
|---|-------------------|
| <b>Principal Permitting Officer<br/>National Permitting Service</b> | <b>20/03/2018</b> |

Authorised on behalf of the Environment Agency

## **Schedule 1 – changes in the permit**

All conditions have been varied by the consolidated permit as a result of the application made by the operator and Environment Agency initiated variation.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/DB3406CS**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DB3406CS/V002 authorising,

**Wingas Storage UK Limited** (“the operator”),

whose registered office is

**Building 3  
Chiswick Business Park  
566 Chiswick High Road  
Chiswick  
London  
W4 5YA**

company registration number 00953066

to operate an installation and a mining waste operation at

**Saltfleetby Wellsites  
Saddleback Road  
Howdales  
South Cockerington  
Louth  
LN11 7DJ**

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

| <b>Name</b>   | <b>Date</b>       |
|---|-------------------|
| <b>Principal Permitting Officer<br/>National Permitting Service</b> | <b>20/03/2018</b> |

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, so far as is practicable, including those risks 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 the permit.

### 1.2 Energy efficiency

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

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1). 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;
- (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 green on the site plan at schedule 7 to this permit.

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 The operator shall:
- (a) review the waste management plan at least every five years from the date of initial approval and submit any written revisions to the Environment Agency for approval.
  - (b) implement the approved waste management plan from the date of approval, unless otherwise agreed in writing by the Environment Agency
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.

### **2.4 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **2.5 Pre-operational conditions**

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

## **3 Emissions and monitoring**

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

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 table S3.1 shall not be exceeded.
- 3.1.3 Total annual emissions from the emission point(s) set out in schedule 3 table S3.1 of a substance listed in schedule 3 table S3.2 shall not exceed the relevant limit in table S3.2.
- 3.1.4 Subject to any other condition of this permit, 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;
  - (b) ambient air monitoring specified in table S3.3;
  - (c) process monitoring specified in table S3.4;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 The operator shall carry out:
  - (a) regular calibration, at an appropriate frequency, of systems and equipment provided for carrying out any monitoring and measurements necessary to determine compliance with this permit; and
  - (b) regular checking, at an appropriate frequency, that such systems and equipment are serviceable and correctly used.
- 3.5.5 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 unless otherwise agreed in writing by the Environment Agency.
- 3.5.6 If required by the Environment Agency, the operator shall:
  - (a) take such samples and conduct such measurements, tests, surveys, analyses and calculations, including environmental measurements and assessments, at such times and using such methods and equipment as the Environment Agency may specify; and
  - (b) keep samples, provide samples, or dispatch samples for tests at a laboratory, as the Environment Agency specifies, and ensure that the samples or residues thereof are collected

from the laboratory within three months of receiving written notification that testing and repackaging in accordance with the relevant legislation are complete.

- 3.5.7 On a monthly basis; the Operator shall analyse the flare feed gas. The analysis shall include speciation and concentration of organic substances listed in schedule 3 table S3.1. A report of the analysis shall be submitted to the Environment Agency within 28 days of completion of each analysis.

## **4 Information**

### **4.1 Records**

4.1.1 All records required to be made by schedules 3, 4 and 5 to 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 maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.

### **4.2 Reporting**

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1 (A1) A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production /treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

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

## 4.3 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 The information provided under condition 4.3.1 shall be supported by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

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

Where the operator is a registered company:

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

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

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

In any other case:

- (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 For the following activities referenced in schedule 1, table S1.1 (A1), where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator proposes to make an amendment to the approved waste management plan, which 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 implementing the amended waste management plan in place of the original; and
  - (b) the notification shall contain a description of the proposed amendment.
- 4.3.8 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
  - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
  - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## **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 reference</b>    | <b>Activity listed in Schedule 1 of the EP Regulations</b>   | <b>Description of specified activity and WFD Annex I and II operations</b>  | <b>Limits of specified activity and waste types</b>  |
| A1                           | S5.1 A(1)(a): The incineration of hazardous waste in a waste incineration plant or waste co-incineration plant with a capacity exceeding 10 tonnes per day.  | Flaring of waste gas from onshore oil and gas production activities using an enclosed ground flare.   | From the receipt of waste gas into the enclosed flare to the despatch of waste combustion gases. |
|                              | <b>Description of activities for waste operations</b>  | <b>Limits of activities</b>   |  |
| A2                           | <p>The management of extractive waste from production activities, not involving a waste facility.</p> <p>The management of extractive waste generated from well workovers and by well decommissioning.</p> | <p>Permitted waste types shall conform to the description in the approved waste management plan WSUKL/SFB-7X/EA/WC/WMP-001 Revision 3.</p> <p>Drilling additives shall be approved in writing by the Environment Agency prior to use.</p> |  |

| <b>Table S1.2 Operating techniques</b>          |  |                         |
|---|--|-------------------------|
| <b>Description</b>                              | <b>Parts</b>   | <b>Date Received</b>    |
| Variation Application                           | Waste Management Plan WG-WMP-F.0.1   | 20/12/2016              |
| Variation Application                           | Environmental Risk Assessment referenced NG-EPA-SF-ERA-007   | 20/12/2016              |
| Variation Application                           | Site condition report WG-EPRA-SF-SCR-006   | 20/12/2016              |
| Application<br>EPR/DB3406CS<br>/V002            | Lining membrane method statement   | 16/10/2015              |
| Application<br>EPR/DB3406CS<br>/V002            | Typical weld joint   | 16/10/2015              |
| Additional information                          | Waste Management Plan<br>WSUKL/SFB-7X/EA/WC/WMP-001 Revision 3<br>including the following supplementary documents                        | 03/03/2016              |
|   | Environmental Risk Assessment WSUKL/SFB-7X/EA/CP/ERA-001<br>Revision 2   | 03/03/2016              |
|   | Dispersion modelling assessment of the impact of gas flaring at<br>Saltfleetby B well site on local air quality report 150826 Revision 2 | 29/02/2016              |
| Additional information                          | Revised Flare appraisal and design<br>WSUKL/SFB-7X/EA/WC/FAD-001 rev2  | 03/03/2016              |
| Additional information                          | Technical Note "Well clean up procedure using a flare – reference TN-001   | 17/05/2016              |
| Responses to Schedule 5 Notice dated 24/11/2015 | Response to Schedule 5 notice issued on 24/11/2015   | 21/03/2016              |
| Additional drilling additives                   | Notification of additional drilling additives referenced<br>WSUK/SFB/7Y/ST/EA02 dated 4/01/16  | 04/01/2016              |
| Leak and detection plan                         | Leak and detection plan approved under IC1   | Date of approval of IC1 |
| Written Management System                       | Written Management System provided under IC2   | Date of approval of IC2 |
| Gas improvement plan                            | Gas management improvement plan provided under IC3   | Date of approval of IC3 |
| Surface Water Management plan                   | Surface water management plan approved under IC4   | Date of approval of IC4 |
| Emissions calculation method                    | Method of calculating emission's approved under PO1  | Date of approval of PO1 |



| <b>Table S1.3 Improvement programme requirements</b> |   |             |
|--|---|-------------|
| <b>Reference</b>                                     | <b>Operation</b>  | <b>Date</b> |
| IC1  | <p><b>Leak detection and repair plan</b></p> <p>The operator shall submit for approval a written 'leak detection and repair plan', and associated procedures and shall obtain the Environment Agency's written approval to it. The plan will identify, measure and reduce emissions of volatile organic compounds and other substances to air, appropriate to their operations and in accordance with European standard EN15446 or an equivalent standard.</p> <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>   | 20/08/2018  |
| IC2  | <p><b>Written Management System</b></p> <p>The operator shall review and update the written management system (referred to in condition 1.1.1) to ensure the procedures are in place to meet the requirements resulting from the variation of this permit. In particular the review should ensure that the following point(s) is / are included in the management system:</p> <p>Details of the training given to staff on use of spill kits; ensure training records updated accordingly.</p> <p>The procedure for determining the consignments of wastes for disposal off-site to be sampled and the procedure for retaining those samples.</p> <p>The procedure for identifying bund fill levels, e.g. high level alarm on unmanned sites</p> <p>The procedures for testing the impermeable membrane and subsequent remediation measures if required.</p> <p>The procedure for notifying the Environment Agency on each occasion where natural gas is vented uncombusted to atmosphere for safety purposes. Notification to include, but not limited to: reasons for, duration of and quantity of gas vented.</p> <p>The procedure for providing emergency flare capacity in the event that primary flare / gas management processes are unavailable / if venting likely to continue for more than 24 hours.</p> | 20/08/2018  |
| IC3  | <p><b>Gas Management Improvement Plan</b></p> <p>The operator shall submit a written gas management improvement plan and shall obtain the Environment Agency's written approval for it.</p> <p>The plan must contain detailed consideration of all available options for the beneficial utilisation of all of the available gas from your activities. Where such utilisation is not feasible, your plan must consider in detail all available options, both combustion and non-combustion based, for the disposal or abatement/mitigation of your waste gas so as to minimise its environmental impacts as far</p>  | 20/09/2019  |

| <b>Table S1.3 Improvement programme requirements</b> |  |             |
|--|--|-------------|
| <b>Reference</b>                                     | <b>Operation</b>   | <b>Date</b> |
|  | <p>as available techniques allow. The plan must contain dates for the implementation of the identified improvement measures.</p> <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>  |             |
| IC4  | <p><b>Site Surface Water Management Plan</b></p> <p>The operator shall submit for approval a written 'site surface water management plan' and shall obtain the Environment Agency's written approval to it. The plan will be based on the understanding from the conceptual site model and environmental risk assessment where the risks to the water environment are clearly detailed. The plan shall include details of how rainwater is managed, collected, stored and treated where necessary prior to discharge or disposal. The plan shall contain dates for the implementation of any improvement measures necessary to ensure that there are no uncontrolled contaminated water discharges to the environment from the site.</p> | 20/09/2018  |

| <b>Table S1.4 Pre-operational measures for future development</b> |                  |   |
|---|------------------|---|
| <b>Reference</b>  | <b>Operation</b> | <b>Pre-operational measures</b>   |
| PO 01   | Gas flare        | At least 4 weeks prior to commencement of the gas flaring activity, the Operator shall provide for approval a method for calculating the emissions from the flare as required by condition 3.5.7. and obtain the Environment Agency's written approval of the method. |

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

| <b>Table S2.1 Raw materials and fuels</b> |                      |
|---|----------------------|
| <b>Raw materials and fuel description</b> | <b>Specification</b> |
| -   | -                    |

Non-extractive wastes are not accepted as part of the permitted activities and there are no restrictions on raw materials or fuel under this schedule.

## Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements                           |           |   |                        |                  |                      |   |
|--|-----------|---|------------------------|------------------|----------------------|---|
| Emission point ref. & location   | Source    | Parameter   | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method   |
| A1 Gas flare as shown in Appendix 3 of the Revised Flare appraisal and design<br>WSUKL/SFB-7X/EA/WC/FAD-001 rev2 | Gas flare | Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> ) |                        | Daily Mean       | Continuous           | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Carbon monoxide   |                        | -                | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Carbon dioxide  |                        | -                | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Total volatile organic compounds (VOCs)                                   |                        | --               | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Benzene   |                        | --               | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Toluene   |                        |                  | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | Ethylbenzene  |                        |                  | monthly              | As approved in writing with the environment Agency in accordance with PO1 |
|  | Gas flare | M- xylene   |                        |                  | monthly              | As approved in writing with the environment Agency in accordance with PO1 |

| <b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b> |               |                     |                               |                         |                             |   |
|---|---------------|---------------------|-------------------------------|-------------------------|-----------------------------|---|
| <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>                                      |
|   | Gas flare     | P- xylene           |                               |                         | monthly                     | As approved in writing with the environment Agency in accordance with PO1 |
|   | Gas flare     | O- xylene           |                               |                         | monthly                     | As approved in writing with the environment Agency in accordance with PO1 |
|   | Gas flare     | Hydrogen sulphide   |                               |                         | monthly                     | As approved in writing with the environment Agency in accordance with PO1 |
|   | Gas flare     | Hydrocarbons C1-C15 |                               |                         | monthly                     | As approved in writing with the environment Agency in accordance with PO1 |

Note: certification to the MCERTS performance standards indicates compliance with BS EN 15267-3

| <b>Table S3.2 Annual limits</b> |               |   |
|---------------------------------|---------------|---|
| <b>Substance</b>                | <b>Medium</b> | <b>Limit (including unit)</b>           |
| Sulphur dioxide                 | Air           | 500 kg (as SO <sub>2</sub> ) in a year  |
| Oxides of Nitrogen              | Air           | 5000 kg (as NO <sub>2</sub> ) in a year |

| <b>Table S3.3 Ambient air monitoring requirements</b>  |   |                             |   |                             |
|--|---|-----------------------------|---|-----------------------------|
| <b>Location or description of point of measurement</b>   | <b>Parameter</b>                        | <b>Monitoring frequency</b> | <b>Monitoring standard or method</b>                  | <b>Other specifications</b> |
| Air quality monitoring locations on 4 locations as shown on commissioning monitoring site plan in Appendix 3 of Flare appraisal and design report WSUKL/SFB-7X/EA/WC/FAD-001 Rev 2 | Oxides of Nitrogen                      | Weekly                      | Diffusion tubes as per BS EN 13528 (Parts 1-3 2002/3) |                             |
| Air quality monitoring locations on 4 locations as shown on commissioning monitoring site plan in Appendix 3 of Flare appraisal and design report WSUKL/SFB-7X/EA/WC/FAD-001 Rev 2 | Sulphur Dioxide                         | Weekly                      | Diffusion tubes as per BS EN 13528 (Parts 1-3 2002/3) |                             |
| Air quality monitoring locations on 4 locations as shown on commissioning monitoring site plan in Appendix 3 of Flare appraisal and design report WSUKL/SFB-7X/EA/WC/FAD-001 Rev 2 | Carbon monoxide                         | Weekly                      | Spot sampling   |                             |
| Air quality monitoring locations on 4 locations as shown on commissioning monitoring site plan in Appendix 3 of Flare appraisal and design report WSUKL/SFB-7X/EA/WC/FAD-001 Rev 2 | Methane                                 | Weekly                      | Spot sampling   |                             |
| Air quality monitoring locations on 4 locations as shown on commissioning monitoring site plan in Appendix 3 of Flare appraisal and design report WSUKL/SFB-7X/EA/WC/FAD-001 Rev 2 | Non- methane volatile organic compounds | Weekly                      | ISO 16017; or<br>EN 1466; or<br>EN 13528              |                             |

| <b>Table S3.4 Process monitoring requirements</b>                                |  |  |                               |   |                             |
|--|--|--|-------------------------------|---|-----------------------------|
| <b>Emission point reference or source or description of point of measurement</b> | <b>Parameter</b>                               | <b>Limit</b>   | <b>Monitoring frequency</b>   | <b>Monitoring standard or method</b>                | <b>Other specifications</b> |
| Gas flare  | Flare gas feed rate                            | 7667 Nm <sup>3</sup> /hour reference conditions 273K and 101.3 kPa | Continuous                    | As approved in writing with the Environment Agency. | Not applicable              |
| Gas flare  | Flare combustion temperature                   | >800°C   | Continuous                    | BS 1041-4:1992                                      | Not applicable              |
| Gas flare  | Video feed with a screen time display of flare |  | Continuous while in operation | As approved in writing with the Environment Agency  | Not applicable              |

## 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> |
| Emissions to air<br>Parameters as required by condition 3.5.1.      | A1  | Monthly or as agreed in writing by the Environment Agency | 20/03/2018           |
| Ambient air monitoring<br>Parameters as required by condition 3.5.1 | DM1   | Monthly or as agreed in writing by the Environment Agency | 20/03/2018           |

| <b>Table S4.2: Annual production/treatment</b> |              |
|--|--------------|
| <b>Parameter</b>                               | <b>Units</b> |
| Waste gas                                      | Tonnes       |

| <b>Table S4.3 Performance parameters</b> |                                |              |
|--|--------------------------------|--------------|
| <b>Parameter</b>                         | <b>Frequency of assessment</b> | <b>Units</b> |
| Water usage                              | Annually                       | Tonnes       |
| Energy usage                             | Annually                       | MWh          |
| Total mass release of oxides of sulphur  | Annually                       | Tonnes       |

| <b>Table S4.4 Reporting forms</b> |   |                     |
|-----------------------------------|---|---------------------|
| <b>Media/parameter</b>            | <b>Reporting format</b>   | <b>Date of form</b> |
| Air                               | Form air 1 or other form as agreed in writing by the Environment Agency         | 20/03/2018          |
| Water usage                       | Form water usage 1 or other form as agreed in writing by the Environment Agency | 20/03/2018          |
| Energy usage                      | Form energy 1 or other form as agreed in writing by the Environment Agency      | 20/03/2018          |
| Other performance indicators      | Form performance 1 or other form as agreed in writing by the Environment Agency | 20/03/2018          |



# 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   |  |

|   |  |
|---|--|
| <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> |  |
| 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.

“approved waste management plan” means a plan of the type described in Article 5(1) of Directive 2006/21/EC of the European Parliament and of the Council of 15 March 2006 on the management of waste from extractive industries and amending Directive 2004/35/EC, approved as part of the grant or variation of an environmental permit and as revised from time to time.

“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.

“Competent Authority” means, in relation to –

- (a) London, the London Fire and Emergency Planning Authority;
- (b) an area where there is a fire and civil defence authority, that authority;
- (c) the Isles of Scilly, the Council of the Isles of Scilly;
- (d) an area in the rest of England, the county council for that area, or where there is no county council for that area, the district council for that area;

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 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.

“extractive waste” means waste resulting from the prospecting, extraction, treatment and storage of mineral resources and the working of quarries, excluding waste which does not directly result from these operations.

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

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions

“inert waste” means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater. All of the criteria listed in Article 1 of Commission Decision 2009/359 must be fulfilled.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on

waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

“mining waste facility” means a waste facility as defined in Article 3(15) of Directive 2006/21/EC of the European Parliament and of the Council of 15 March 2006 on the management of waste from extractive industries and amending Directive 2004/35/EC, where a mining waste operation is carried out.

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

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

“year” means calendar year ending 31 December.

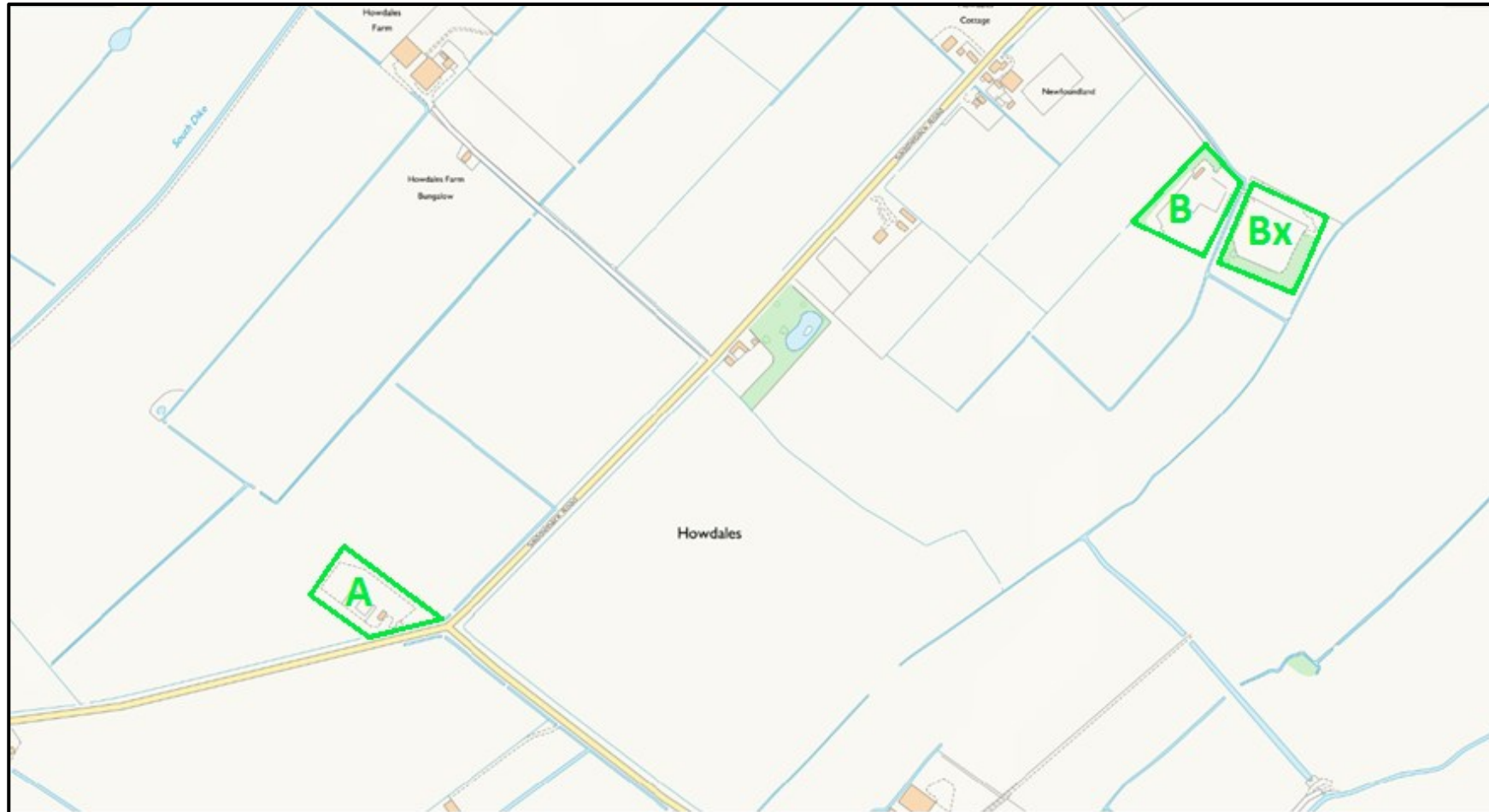
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

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

# Schedule 7 – Site plan

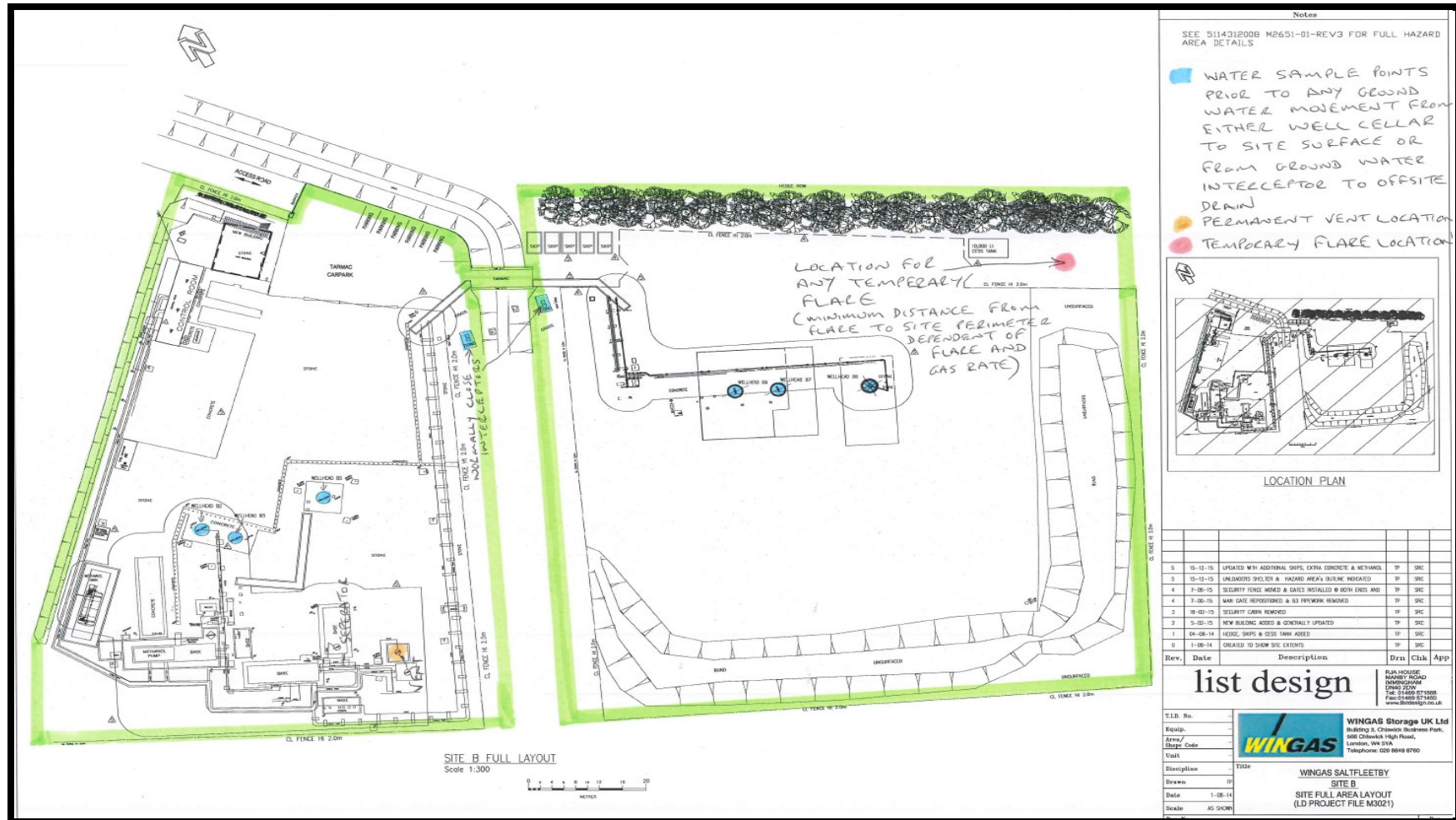
## Plan 1: Overview of the permitted site



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# Plan 3: Layout plan for Whisby B and Whisby B extension



Notes

SEE 5114312008 M2651-01-REV3 FOR FULL HAZARD AREA DETAILS

- WATER SAMPLE POINTS PRIOR TO ANY GROUND WATER MOVEMENT FROM EITHER WELL CELLAR TO SITE SURFACE OR FROM GROUND WATER INTERCEPTOR TO OFFSITE DRAIN
- PERMANENT VENT LOCATION
- TEMPORARY FLARE LOCATION

LOCATION PLAN

| Rev. | Date     | Description   | Drn | Clk | App |
|------|----------|---|-----|-----|-----|
| 5    | 15-12-15 | UPDATED WITH ADDITIONAL SHOPS, EXTRA CONCRETE & METAWOL | TP  | SPC |     |
| 5    | 15-12-15 | UNDERSOIL SHELTER & HAZARD AREA'S OUTLINE INDICATED     | TP  | SPC |     |
| 4    | 7-09-15  | SECURITY FENCE WORKED & GATES INSTALLED @ BOTH ENDS AND | TP  | SPC |     |
| 4    | 7-09-15  | MAN GATE REPOSITIONED & ITS PIPESWORK REMOVED           | TP  | SPC |     |
| 3    | 18-02-15 | SECURITY CHECKS REMOVED                                 | TP  | SPC |     |
| 2    | 5-02-15  | NEW BUILDING ADDED & GENERALLY UPDATED                  | TP  | SPC |     |
| 1    | 04-08-14 | FENCE, SHOPS & CESS TANK ADDED                          | TP  | SPC |     |
| 0    | 1-08-14  | CREATED TO SHOW SUE EXTENTS                             | TP  | SPC |     |

list design

T.I.D. No. \_\_\_\_\_

Equip. \_\_\_\_\_

Arm/ \_\_\_\_\_

State Code \_\_\_\_\_

Unit \_\_\_\_\_

Discipline \_\_\_\_\_ Title \_\_\_\_\_

Drawn by \_\_\_\_\_

Date 1-08-14

Scale AS SHOWN

**WINGAS**

**WINGAS Storage UK Ltd**  
 BARBURY 3, Chiswick Business Park,  
 508 Chiswick High Road,  
 London, W6 5DA  
 Telephone: 020 8948 9700

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Permit number  
EPR/DB3406CS

# Reporting Forms

**Permit Number:** EPR/DB3406CS      **Operator:** Wingas Storage UK Limited

**Facility:** Saltfleetby Wellsites      **Form Number:** Air1 / 20/03/2018

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

| Emission Point | Substance / Parameter   | Emission Limit Value | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup> | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------|---|----------------------|------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
| A1             | Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> ) | A1                   |                  |                       |                            |                                      |                            |
| A1             | Carbon monoxide   | A1                   |                  |                       |                            |                                      |                            |
| A1             | Total volatile organic compounds (VOCs)                                   | A1                   |                  |                       |                            |                                      |                            |
| A1             | Flare Temperature   | A1                   |                  |                       |                            |                                      |                            |

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

Signed .....

Date.....

(Authorised to sign as representative of Operator)



**Permit Number:           EPR/DB3406CS           Operator:           Wingas Storage UK Limited**

**Facility:                   Saltfleetby Wellsites           Form Number:       WaterUsage1 /20/03/2018**

**Reporting of Water Usage for the year .....**

| <b>Water Source</b>      | <b>Usage (m<sup>3</sup>/year)</b> | <b>Specific Usage (m<sup>3</sup>/unit output)</b> |
|--------------------------|-----------------------------------|---|
| Mains water              |                                   |   |
| Site borehole            |                                   |   |
| River abstraction        |                                   |   |
| <b>TOTAL WATER USAGE</b> |                                   |   |

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number:**            **EPR/DB3406CS**                      **Operator:**                      **Wingas Storage UK Limited**

**Facility:**                      **Saltfleetby Wellsites**                      **Form Number:**                      **Energy1 / 20/03/2018**

**Reporting of Energy Usage for the year .....**

| Energy Source      | Energy Usage |                      | Specific Usage (MWh/unit output) |
|--------------------|--------------|----------------------|----------------------------------|
|                    | Quantity     | Primary Energy (MWh) |                                  |
| Electricity *      | MWh          |                      |                                  |
| Natural Gas        | MWh          |                      |                                  |
| Gas Oil            | tonnes       |                      |                                  |
| Recovered Fuel Oil | tonnes       |                      |                                  |
| <b>TOTAL</b>       | -            |                      |                                  |

\* Conversion factor for delivered electricity to primary energy = 2.4

|                      |
|----------------------|
| Operator's comments: |
|----------------------|

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:**        **EPR/DB3406CS**        **Operator:**        **Wingas Storage UK Limited**

**Facility:**        **Saltfleetby Wellsites**        **Form Number:**        **Performance1 / 20/03/2018**

**Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY**

| <b>Parameter</b> | <b>Units</b> |
|------------------|--------------|
|                  |              |
|                  |              |
|                  |              |
|                  |              |
|                  |              |
|                  |              |
|                  |              |

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)