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Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Carr's Flour Mills Limited

Silloth Flour Mill Solway Mills Silloth Wigton Cumbria CA7 4JA

Variation application number

EPR/QP3533BW/V003

Permit number

EPR/QP3533BW

Silloth Flour Mill Permit number EPR/QP3533BW

Introductory note

This introductory note does not form a part of the notice

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.

This consolidated permit has been issued following a full review against the best available techniques (BAT) conclusions for the Food, Drink and Milk Industries published on 4th December 2019 in the official journal of the European Union.

The schedules specify the changes made to the permit.

The main features of the permit are as follows:

Carr's Flour Mills Limited operates a manufacturing facility use for the processing of wheat grain to produce milled flours and wheat feed at their site in Silloth, Cumbria.

The production capacity of this facility is approximately 130,000 tonnes per annum. The manufacturing activities are all physical processes which include cleaning, milling, blending and storage. In addition, wheat feed, for animal feed, is pelletised to assist it's transportation.

The physical raw material is wheat grain which is delivered in bulk form by road tanker and stored in silos. Other raw materials used as additives in the process include wheat gluten, sugar, salt whey powder, rye, yeast maize flour, malt flake, sodium bicarbonate, monocalcium phosphate, vitamin mixtures and creta. Water is also used to condition wheat grain and prepare it for the milling process. In addition, a number of other chemicals are held on site which relate to the on-site quality control laboratory. The site holds paper packaging materials used to pack blended flours.

The main emissions to air arise from the grain handling and milling process and emission points are appropriately abated to minimise the emissions of particulate matter.

Emissions to water are discharged to Silloth Dock and comprise uncontaminated surface water and vehicle wash waters from the jet washing facilities.

There is an emission to sewer from the laboratory facilities.

The closed human receptors are located approximately 50m to the east of the Installation.

The closest ecological feature, Upper Solway Flats and Marshes SSSI, SAC, SPA and Ramsar is located approximately 190m to the north west of the installation.

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

| Status log of the permit | | | | |
|--|-------------------------|---------------------------------------|--|--|
| Description | Date | Comments | | |
| Application received EPR/QP3533BW/A001 | Duly made 17/02/2005 | Application for a grain milling site. | | |

| Status log of the permit | | | | | |
|---|--|--|--|--|--|
| Description | Date | Comments | | | |
| Permit determined | 03/11/2005 | Permit issued to Carr's Flour Mills Limited. | | | |
| Application for a variation EPR/QP3533BW/V002 | 30/11/2008 | Variation determined to implement improvement conditions and monitoring requirements. | | | |
| Application EPR/QP3533BW/V003 (variation and consolidation) | Regulation 61 Notice response received 30/05/2022 | Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review. | | | |
| Variation determined and consolidation issued EPR/QP3533BW (Billing ref. FP3023PT). | 17/03/2023 | Varied and consolidated permit issued in modern 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 regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/QP3533BW

Issued to

Carr's Flour Mills Limited ("the operator")

whose registered office is

Victoria Mills London Road Wellingborough Northamptonshire NN8 2DT

company registration number 00480341

to operate a regulated facility at

Silloth Flour Mill Solway Mills Silloth Wigton Cumbria CA7 4JA

to the extent set out in the schedules.

The notice shall take effect from 17/03/2023.

| Name | Date |
|------------------|------------|
| Katherine Fisher | 17/03/2023 |
| | |

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an 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/QP3533BW

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/QP3533BW/V003 authorising,

Carr's Flour Mills Limited ("the operator"),

whose registered office is

Victoria Mills London Road Wellingborough Northamptonshire NN8 2DT

company registration number 00480341

to operate an installation at

Silloth Flour Mill Solway Mills Silloth Wigton Cumbria CA7 4JA

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

| Name | Date |
|------------------|------------|
| Katherine Fisher | 17/03/2023 |
| | |

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

2.4 Improvement programme

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by 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, S3.2 and S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
 - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 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
 - inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the

- relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

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

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

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
 - (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 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 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

| Table S1.1 activ | vities . | | |
|--------------------|---|--|--|
| Activity reference | Activity listed in Schedule 1 of the EP Regulations | Description of specified activity | Limits of specified activity |
| AR1 | Section 6.8 Part A(1) (d) (ii) Treatment and processing of only vegetable raw materials, intended for the production of food or feed at a plant with a finished product production capacity greater than 300 tonnes per day. | The treatment and processing of wheat grain and associated raw materials for production of milled flours, wheat feed and related products. | From receipt of raw materials through to dispatch of final product. Production capacity is limited to 330 tonnes per day. |
| Directly Associ | ated Activity | | |
| AR2 | Laboratory Services | Sampling of raw materials | Sampling of intake and intermediates from flour production process. |
| AR3 | Engineering workshop | Onsite maintenance | Maintenance activities to support the operation of the mill facility |
| AR4 | Storage of auxiliary raw materials | Storage and handling of auxiliary raw materials | Delivery of materials and storage |
| AR5 | Storage and disposal of waste | Storage and handling of waste materials | From generation of waste to storage pending removal for disposal or recovery. |
| AR6 | Vehicle Washing | Use of vehicle wash | From the generation of wastewater form the washing of internal tanks associated with road tanker vehicles to the discharge to Silloth Dock |

| Table S1.2 Operating techniques | | | | | |
|---|---|---------------------|--|--|--|
| Description | Parts | Date Received | | | |
| Application | The response to section 2.1 given in section 5 of the application | 17/03/2005 | | | |
| Response to request for further information dated 15/06/2005 | Response to question1 detailing process control. | 08/07/2005 | | | |
| Additional information | Sections 2 and 5 of the Site Report submitted with the original application | 17/03/2005 | | | |
| Regulation 61 (1) Notice – Responses to questions dated 31/01/2022 | All parts | Received 30/05/2022 | | | |

| Table S1.3 Improvement programme requirements | | | | | |
|---|---|------------|--|--|--|
| Reference | Requirement | Date | | | |
| IC8 | The operator shall submit, for approval by the Environment Agency, a monitoring procedure for particulate matter emissions from principal emission points on site. The procedure must describe how the operator will implement a rolling monitoring programme which shall include, but not be limited to the following: | 01/09/2023 | | | |
| | Methodology for how representative monitoring will be carried out annually, with a minimum of 3 point sources on a rolling-basis. Ensuring the key process stages, wheat cleaning, wheat milling and finished product handling including wheatfeed, are prioritised. Identify any principal emission points excluded from the rolling monitoring programme and provide a justification for this. Provide a commencement date for the programme which will demonstrate compliance with the permit requirements. | | | | |
| | The monitoring procedure shall address the requirements of BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 5. | | | | |

Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels | |
|------------------------------------|---------------|
| Raw materials and fuel description | Specification |
| | |

Schedule 3 – Emissions and monitoring

| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--|--|------------------------|---------------------------------|---------------------------------------|--|-------------------------------|
| A1 [Point A1 on site plan in schedule 7] | Bag filter abatement serving Pelleting process cyclone exhaust | Particulate matter | 5 mg/m ³ [NOTE 1] | Average over sampling period [NOTE 2] | In line with the rolling monitoring procedure [NOTE 3] | BS EN 13284-1 |
| A2 – A3 [Points A2 – A3 on site plan in schedule 7] | No.1 Warehouse General Exhausts | No parameter set | No limit set | | | |
| A4 - A6 [Points A4-A6 on site plan in Schedule 7] | Bag filter abatement serving A Mill process exhaust | Particulate matter | 5 mg/m ³ [NOTE 1] | Average over sampling period [NOTE 2] | In line with the rolling monitoring procedure [NOTE 3] | BS EN 13284-1 |
| A7 [Point A7 on site plan in Schedule 7] | Bag filter abatement serving B Mill process exhaust | Particulate matter | 5 mg/m ³ [NOTE 1] | Average over sampling period [NOTE 2] | In line with the rolling monitoring procedure [NOTE 3] | BS EN 13284-1 |
| A11 [Point A11 on site plan in Schedule 7] | Peeling exhaust | Particulate matter | 5 mg/m ³ [NOTE 1] | Average over sampling period [NOTE 2] | In line with the rolling monitoring procedure [NOTE 3] | BS EN 13284-1 |
| A12 [Point A12 on site plan in Schedule 7] | Machine house general exhaust | No parameter set | No limit set | | | |
| A13 [Point A13 on site plan in Schedule 7] | Packing plant exhaust | Particulate matter | 5 mg/m ³ [NOTE 1] | Average over sampling period [NOTE 2] | In line with the rolling monitoring procedure [NOTE 3} | BS EN 13284-1 |

NOTE 1 – The emission limit applies from 4 December 2023.

NOTE 2 – Average value of three consecutive measurements of at least 30 minutes each.

NOTE 3 – The monitoring frequency shall be in line with the rolling monitoring procedure, as agreed in IC8.

| Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements | | | | | | |
|--|--|-------------------------|--------------------------|---------------------|----------------------|-------------------------------|
| Emission point ref. & location | Source | Parameter | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
| W1 on site plan in schedule 7 emission to Silloth Dock | Clean and uncontaminated site drainage and vehicle (jet wash) waters | No parameters set | No limit set | | | |

| Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements | | | | | | |
|--|--|-----------|--------------------------|---------------------|----------------------|-------------------------------|
| Emission point ref. & location | Source | Parameter | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| S1 - emission to United Utilities Foul Sewer | On site lab and areas of site drainage | | | | | |

Schedule 4 – Reporting

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

| Table S4.1 Reporting of monitoring data | | | | | |
|---|--|---|---------------|--|--|
| Parameter | Emission or monitoring point/reference | Reporting period | Period begins | | |
| Point source emissions to air Parameters as required by condition 3.5.1 | A1, A4, A5, A6, A7, A11, A13 | Every 12 months (in accordance with the rolling monitoring procedure, as agreed in IC8) | 1 January | | |

| Table S4.2: Annual production/treatment | |
|---|--------|
| Parameter | Units |
| Products produced | tonnes |

| Table S4.3 Performance parameters | | |
|-----------------------------------|-------------------------|----------------|
| Parameter | Frequency of assessment | Units |
| Water usage | Annually | m ³ |
| Energy usage | Annually | MWh |
| Waste – recovery/disposal routes | Annually | tonnes |

| Table S4.4 Reporting forms | | |
|-------------------------------|---|------------------------------|
| Parameter | Reporting form | Form version number and date |
| Point source emissions to air | Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Water usage | Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Energy usage | Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Other performance parameters | Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |

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

| Part A | |
|---|--|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |
| | |
| (a) Notification requirements for a accident, or emission of a substar or may cause significant pollution | ny malfunction, breakdown or failure of equipment or techniques, nce not controlled by an emission limit which has caused, is causing |
| To be notified within 24 hours of d | letection |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |
| | |
| (b) Notification requirements for the | he breach of a limit |
| To be notified within 24 hours of d | letection unless otherwise specified below |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |
| Measures taken, or intended to be | |

| Time periods for notification following detection of a breach of a limit | |
|--|---------------------|
| Parameter | Notification period |
| | |
| | |
| | |
| | |

| (c) Notification requirements for the breach of permit conditions not related to limits | |
|---|--|
| To be notified within 24 hours of detection | |
| Condition breached | |
| Date, time and duration of breach | |
| Details of the permit breach i.e. what happened including impacts observed. | |
| Measures taken, or intended to be taken, to restore permit compliance. | |

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

Part B – to be submitted as soon as practicable

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

^{*} authorised to sign on behalf of the operator

Schedule 6 - Interpretation

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

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

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

"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 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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"Pests" means Birds, Vermin and Insects.

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.

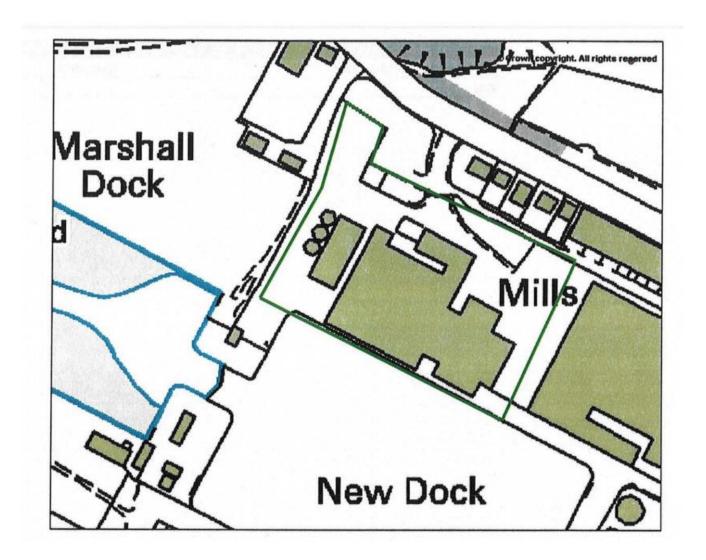
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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 other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous 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

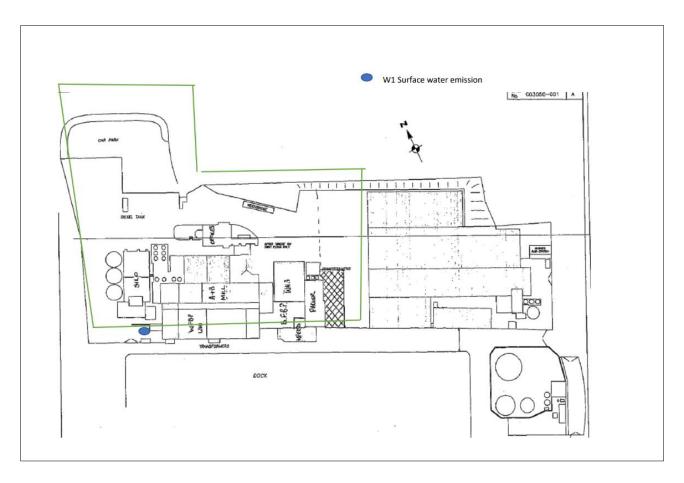
"year" means calendar year ending 31 December.

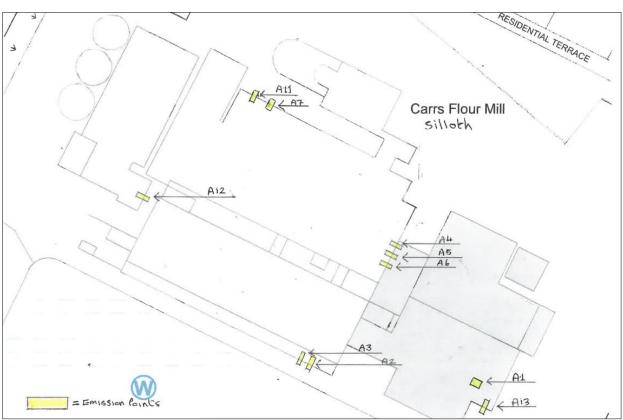
Schedule 7 – Site plans

Installation boundary



Emission points





END OF PERMIT