

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

---

2 Sisters Food Group Limited  
Waste Water Treatment Plant  
Grange Road  
Flixton  
Bungay  
Suffolk  
NR35 1NT

**Variation application number**

EPR/CP3739FQ/V005

**Permit number**

EPR/CP3739FQ

# Waste Water Treatment Plant

## Permit number EPR/CP3739FQ

### 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 variation is the result of an application to increase the final effluent rate into a drainage ditch, a tributary of the River Waveney from 1,200 m<sup>3</sup>/d to 1900m<sup>3</sup>/day. Some emission limit values have been adjusted as a result.

The original introductory note (with edits due to variations) has been reproduced below for clarity:

*The listed activity in the stationary technical unit is the biological treatment of effluent from the poultry processing site that the treatment plant serves (2 Sisters Food Group-Flixton TP3530BN). The effluent is screened to remove large solids (which go to a skip), to a balance tank. The contents of the balance tank then go to dissolved air flotation (DAF) and treated with polyelectrolytes and ferric sulphate. Sludge goes to a dewatering tank before being tankered away for disposal on agricultural land. From DAF the effluent is pH dosed with caustic before going to an anoxic tank with activated sludge to remove nitrates and filamentous organisms. The contents of this tank overflow to the activated sludge reactor where biological oxidation takes place. The sludge and effluent then separate out under quiescent conditions. The sludge goes back to the anoxic tank and the treated effluent is discharged via a clarifier to a drainage ditch, which is a tributary of the River Waveney. The associated activities at the site are storage and handling of chemicals and waste and the trade effluent discharge to controlled waters. The installation is within 2km of Abbey Wood and Flixton Quarry, which are both Sites of Special Scientific Interest (SSSIs), and has a hydraulic connection to Broadland/the Broads Special Area of Conservation and Special Protection Areas (SAC/SPA) and Geddlestone Meadows SSSI. In addition to this the Otter Trust is located on the River Waveney approximately 2km downstream of the discharge point. The nearest human presence is within 50m of the installation boundary.*

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 the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application BP3739BA	Received 04/11/2004	Application BP3739BA
Permit determined BP3739BA	27/07/2005	Granted to Alpheus Environmental Limited
Application to transfer EPR/CP3739FQ/T001	Received 24/06/2011	
Transfer issued EPR/CP3739FQ (PAS ref: CP3739FQ)	21/07/2011	Issued to 2 Sisters Food Group Limited
Application EPR/CP3739FQ/V002	Duly made 21/03/2013	Application to change registered company address
Variation determined EPR/CP3739FQ (PAS ref: MP3030NT)	12/04/2013	Variation Issued
Agency variation determined EPR/CP3739FQ/V003 (PAS ref: XP3637NJ)	22/08/2013	Agency variation to implement the changes introduced by IED
Variation application EPR/CP3739FQ/V004 (PAS ref: VP3338DX)	Returned 11/11/2016	Application to increase effluent treatment plant throughput
Application EPR/CP3739FQ/V005 (variation and consolidation)	Duly made 12/06/2017	Application to increase the effluent treatment plant discharge rate.
Variation determined EPR/CP3739FQ (PAS billing ref: HP3335YG)	14/11/2018	Varied permit issued.

<b>Other Part A installation permits relating to this installation</b>		
<b>Operator</b>	<b>Permit number</b>	<b>Date of issue</b>
2 Sisters Food Group - Flixton	TP3530BN	27/07/2005

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/CP3739FQ**

### Issued to

**2 Sisters Food Group Limited** (“the operator”)

whose registered office is

**Trinity Park House  
Trinity Business Park  
Fox Way  
Wakefield  
West Yorkshire  
WF2 8EE**

company registration number 02826929

to operate a regulated facility at

**Waste Water Treatment Plant  
Grange Road  
Flixton  
Bungay  
Suffolk  
NR35 1NT**

to the extent set out in the schedules.

The notice shall take effect from 14/11/2018

<b>Name</b>	<b>Date</b>
<b>Rebecca Warren</b>	<b>14/11/2018</b>

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of an application made by the operator.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/CP3739FQ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CP3739FQ/V005 authorising,

**2 Sisters Food Group Limited** (“the operator”),

whose registered office is

**Trinity Park House  
Trinity Business Park  
Fox Way  
Wakefield  
West Yorkshire  
WF2 8EE**

company registration number 02826929

to operate an installation at

**Waste Water Treatment Plant  
Grange Road  
Flixton  
Bungay  
Suffolk  
NR35 1NT**

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

Name	Date
Rebecca Warren	14/11/2018

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

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

### 1.2 Energy efficiency

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

### 1.3 Efficient use of raw materials

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

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

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

## **2 Operations**

### **2.1 Permitted activities**

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in 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 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

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.

2.3.6 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.
- 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 table in schedule 3 to this permit:

- (a) point source emissions specified in table S3.1.

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 table S3.1 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, hazard or annoyance 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.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

### 4.3.1 In the event:

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

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where 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:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) 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.

## **4.4 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</b>
AR1	Section 5.4 Part A(1)(a)(i) Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day involving biological treatment	D8 – Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	From receipt of process wastewater to dispatch of treated effluent to controlled waters. Handling, treatment and disposal of effluent. Treatment consisting of mechanical biological treatment Waste types as specified in table S2.2.
<b>Directly Associated Activity</b>			
AR2	Storage and handling of chemicals used	From receipt of chemicals to input into the process.	-
AR3	Storage and handling of waste	From the generation of the waste to dispatch from the installation.	-

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	The response to questions 2.1 and 2.2 given in pages 6 to 27 of the application	04/11/04
Variation application (EPR/CP3739FQ/V005)	Non -Technical Summary of Variation Application - Section 4 - Application Form C3, Appendix 5 Response;  <ul style="list-style-type: none"> <li>- 4.1 Q1 - Waste Pre-acceptance</li> <li>- 4.2 Q2 - Waste Acceptance</li> <li>- 4.3 Q3 - Waste Storage</li> <li>- 4.4 Q4 - Installation Layout Plan</li> <li>- 4.5 Q5 - Summary of Treatment Activities</li> <li>- 4.6 Q6 - Process Layout Plans</li> </ul>	29/01/17
Variation application (EPR/CP3739FQ/V005)	Flooding risk assessment Document ref 001	29/01/17
Variation application (EPR/CP3739FQ/V005)	Part C3, 3 Operating techniques - 3a Technical standards - Question 3a 1	29/01/17

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IP1	The operator shall put in place a procedure for coordinating the operation of the two sites within this multi-operator installation. This should define responsibilities for each site in the event of emergencies and include emergency contacts between the organisations. A copy of the procedure should be submitted to the Agency for approval.	completed
IP2	The Operator shall install instrumentation to monitor continuously and record the pH and flow of the effluent at release point W1. The instrumentation shall comply with the relevant MCERTS standard or other standards as approved by the Agency.	completed
IP3	The Operator shall provide the Agency with an updated written accident management plan, to consider, but not necessarily be limited to: <ul style="list-style-type: none"> <li>• Diesel/hydraulic oil release from delivery of raw materials/ removal of waste from the site</li> <li>• Failure of chemical/ DAF/Sludge tanks</li> <li>• Treatment plant becoming aerobic and releasing odour</li> <li>• Storm flow conditions with heavy rainfall going to effluent plant via 2 Sisters drainage structure</li> <li>• Failure of drainage structure</li> <li>• Failure of overflow lagoon</li> <li>• Operator error allowing partially treated effluent to be discharged</li> </ul> Taking note of the guidance given in section 2.8 of Sector Guidance Note IPPC S6.12 Guidance for the Poultry Processing Sector.	completed
IP4	The Operator shall provide the Agency with the results of the rolling programme of subsurface pipe inspection and any remedial actions proposed.	completed
IP5	The Operator shall undertake a review of options available for improvement of its effluent treatment, with specific regard to ammonia, in order to meet the requirements of section 2.2.2.4. The Operator shall have regard to the Sector Guidance Note IPPC S6.12 Guidance for the Poultry Processing Sector and the methods detailed therein. A written report summarising these techniques shall be submitted to the Agency and include timescales for the implementation of preferred options. The report shall be agreed in writing by the Agency.	completed
IP6a	The Operator shall monitor the daily inputs (both volumetric and mass) of ammonia, Chemical Oxygen Demand and suspended solids to the effluent treatment plant and the releases (both volumetric and mass of ammonia, Biological Oxygen Demand and suspended solids over a 4 week period. A written report of this monitoring shall be submitted to the Agency.	completed
IP6b	Using the data collected in Improvement Condition IP6a above, the Operator shall investigate the causes of peak levels of ammonia and suspended solids and actions to prevent their recurrence. Written results of this assessment should be provided to the Agency.	completed
IP7	The Operator shall provide the Agency with a BAT options appraisal for the installation of a pipeline to the river or other controlled discharge to the river. A written report summarising these techniques shall be submitted to the Agency and include timescales for the implementation of preferred options. The report shall be agreed in writing by the Agency.	removed
IP8	The Operator shall provide the Agency with a written BAT options appraisal for the tertiary treatment of the effluent and possibility for using the recycled water at the 2 Sisters Site (TP3530BN).	completed

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

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Sodium Hydroxide	<0.3ppm Mercury <0.1ppm Cadmium

Table S2.2 Permitted waste types and quantities for non-hazardous waste water treatment	
Maximum quantities	Annual throughput shall not exceed 562,000 tonnes per annum
Waste code	Description
<b>02</b>	<b>Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing</b>
<b>02 02</b>	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>
02 02 03	materials unsuitable for consumption or processing



## Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 7 Drainage ditch - tributary of River Waveney	Daily flow rate	Effluent treatment plant	1,900m <sup>3</sup>	24 hour total	Daily	MCERT self-monitoring of effluent flow scheme
	Total suspended solids (TSS)	Effluent treatment plant	25 mg/l	Instantaneous	Monthly	BS EN 872
	Chloride	Effluent treatment plant	400mg/l	Instantaneous	Monthly	BS 6068-2.37:1990, ISO 9297: 1989
	Ammonia	Effluent treatment plant	10 mg/l	Instantaneous	Monthly	BS EN ISO 11732
	Phosphate (as Total P)	Effluent treatment Plant	1 mg/l	Annual average	Monthly	BS EN ISO 15681-1
	pH	Effluent treatment Plant	6-9	Instantaneous	Continuous	BS ISO 10523
	Biochemical oxygen demand	Effluent treatment Plant	15 mg/l	Instantaneous	Monthly	BS EN 1899-1
	Mercury and its compounds, expressed as mercury (Total Hg)	Effluent treatment Plant	0.1µg/l	[Note 1]	Monthly	BS EN ISO 17852 or as agreed in writing with the Environment Agency
	Cadmium and its compounds, expressed as cadmium (Total Cd)	Effluent treatment Plant	0.6 µg/l	[Note 1]	Monthly	BS EN ISO 17294 BS EN ISO 5961 or as agreed in writing with the Environment Agency
	Temperature (°C)	Effluent treatment Plant	No limit	Instantaneous	Monthly	--

Note 1: Compliance based on mass balance calculation as agreed in writing with the Environment Agency.

## Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to water Parameters as required by condition 3.5.1	W1	Monthly for: <ul style="list-style-type: none"> <li>• Total flow (m<sup>3</sup>/day)</li> <li>• BOD (mg/l)</li> <li>• TSS (mg/l)</li> <li>• Ammonia (as N) (mg/l)</li> <li>• pH</li> <li>• Temperature (°C)</li> <li>• Phosphates (as Total P)</li> <li>• Cadmium (µg/l)</li> <li>• Mercury (µg/l)</li> </ul>	1 January, 1 February, 1 March, 1 April, 1 May, 1 June, 1 July, 1 August, 1 September, 1 October, 1 November, 1 December.

Parameter	Units
Effluent processed	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency	14/11/18
Energy	E1 or other form as agreed in writing by the Environment Agency	14/11/18
Waste Return	R1 or other form as agreed in writing by the Environment Agency	-
Water Usage	WU1 or other form as agreed in writing by the Environment Agency	14/11/18
Performance Indicators	PI1 or other form as agreed in writing by the Environment Agency	14/11/18

# 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.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

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

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

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

“authorised officer” means any person authorised by 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.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“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.

“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.

“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).

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

“pests” means birds, vermin and insects.

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

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“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.

# Schedule 7 – Site plan



©Crown Copyright. All rights reserved. Environment Agency, 100024198, 2018.

END OF PERMIT

**Permit Number:** CP3739FQ                      **Operator:** 2 Sisters Food Group

**Facility:** Waste Water Treatment Form Number: Water1 / 14/11/18  
**Plant**

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

<b>Emission Point</b>	<b>Substance / Parameter</b>	<b>Emission Limit Value</b>	<b>Reference Period</b>	<b>Result <sup>[1]</sup></b>	<b>Test Method <sup>[2]</sup></b>	<b>Sample Date and Times <sup>[3]</sup></b>	<b>Uncertainty <sup>[4]</sup></b>
W1	Flow Rate	1900m <sup>3</sup> /d	Monthly average		MCERT self-monitoring of effluent flow scheme		
W1	Total suspended solids	25 mg/l	Monthly		BS EN 872		
W1	Chloride	400 mg/l	Monthly		BS 6068-2.37:1990, ISO 9297: 1989		
W1	Ammonia	10 mg/l	Monthly		BS EN ISO 11732		
W1	Phosphate (as total P)	1 mg/l	Monthly		BS EN ISO 15681-1		
W1	Mercury and its compounds, expressed as mercury (Total Hg)	0.1 ug/l	n/a		BS EN ISO 17852		
W1	Cadmium and its compounds,	6 ug/l	n/a		BS EN ISO 17294		

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>
	expressed as cadmium (Total Cd)				BS EN ISO 5961		
W1	pH	6-9	Continuous		BS ISO 10523		
W1	BOD	15 mg/l	Monthly		BS EN 1899-1		

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:** CP3739FQ                      **Operator:** 2 Sisters Food Group

**Facility:** Waste Water Treatment Form Number: Water Usage 1 / 14/11/18  
**Plant**

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

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
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:** CP3739FQ                      **Operator:** 2 Sisters Food Group  
**Facility:** Waste Water Treatment Form Number: Energy1 / 14/11/18  
**Plant**

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

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:** CP3739FQ                      **Operator:** 2 Sisters Food Group

**Facility:** Waste Water Treatment Form Number: Performance1 / 14/11/18  
**Plant**

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

<b>Parameter</b>	<b>Units</b>
Total raw material used	tonnes

Operator's comments:

Signed .....  
 (Authorised to sign as representative of Operator)

Date.....