

# Permit with introductory note

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

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Singleton Birch Limited

Camp Wood Waste Acid Treatment Plant

Melton Ross Quarries

Barnetby

Brigg

North Lincolnshire

DN38 6AE

### **Permit number**

EPR/JP3738YQ

# Camp Wood Waste Acid Treatment Plant

## Permit number EPR/JP3738YQ

### Introductory note

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

The main features of the permit are as follows.

Camp Wood Waste Acid Treatment Plant is an installation operated by Singleton Birch Limited and is located within the existing permitted boundary of Camp Wood Landfill site, also operated by Singleton Birch Limited. The treatment plant and the landfill site are permitted separately.

The installation is situated approximately 15km to the east of Scunthorpe and 10km west of Immingham. The surrounding area is predominately agricultural. The installation covers an area of approximately 0.13ha, centred on National Grid Reference TA 07699 11556. The village of Croxton lies approximately 1.8km to the north-east and the village of Melton Ross approximately 1.2km to the south west. The installation is bound to the north by the A180 and to the east by an area of woodland known as Camp Covert. To the south are the A18 and B1211.

There are four local wildlife sites within 2km of the installation: Melton Ross Quarry, Melton Ross Road Verges, New Barnetby Road Verges and Melton Ross Pit.

The main activity carried out at the site is the treatment of up to 29,999 tonnes per year of hazardous waste acids, largely derived from the manufacturing of titanium dioxide, using air pollution control residues (APCR) or other alkaline materials.

The treatment process consists of mixing the waste acid with APCR/alkaline material in a sealed vessel within a sealed building with air extraction. Air extracted from the building will be cleaned through a wet scrubber, using water as the cleaning media to remove dust and fumes. The dust extraction system will be located in the dust extraction plant room. The emission from the extraction system will be via a 10 m high exhaust stack.

The sealed building sits above a 3 walled bunker structure into which treated material will be deposited via a "bomb door hatch". The bunker has a sealed drainage system draining to a sealed tank. This liquid will be reused in the process or transferred off site for disposal at a suitably permitted facility. The treated waste will be transferred to Camp Wood Landfill, operated by Singleton Birch, for disposal. In the event that a batch of the treated waste is deemed not to be non-hazardous or suitable for disposal at the landfill it will be sent to an alternative waste management facility for treatment or disposal.

Ancillary operations on the site include associated hazardous waste storage. Vent fumes from the acid storage tanks are passed through the mixing room wet scrubber system. APCR/alkaline wastes will be delivered in powder form and stored in two steel silos.

Other than emissions to landfill and air mentioned above, the main potential emissions from the site are fugitive emissions and spillages to ground from waste handling and accidents. In addition, the Permit contains conditions which control noise, dust or odours that may potentially arise from operation of the site.

Clean surface water from roofs and non-operational areas will percolate into the ground, or if it falls within the drainage areas of the silos or loading areas it will be captured within the sealed drainage system.

Operational areas of the site are surfaced with impermeable hardstanding and designed to contain any spillages. Potentially contaminated run off from the storage areas, along with process water, will be collected by a sealed drainage system. Effluent that is not re-used in the process will be transferred off site for disposal at a suitably permitted facility.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/JP3738YQ/A001	Duly made 27/06/17	Application for a waste acid treatment plant.
Additional information received	12/07/17	Clarification of air assessment source parameters
Additional information received	18/08/17	Response to Schedule 5 Notice sent on 31/07/17.
Additional information received	19/09/17	Revisions to the drainage plan.
Additional information received	02/10/17	Clarifications regarding uncontaminated surface water drainage.
Additional information received	24/10/17	Clarifications relating to sodium hydroxide, disposal contingency and EWC codes.
Additional information received	08/11/17	Clarifications regarding alternative disposal route venting for acid storage tanks.
Permit determined EPR/JP3738YQ (PAS Billing ref. JP3738YQ).	13/11/17	Permit issued to Singleton Birch Limited.

End of introductory note

# Permit

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

### Permit number

**EPR/JP3738YQ**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Singleton Birch Limited** (“the operator”),

whose registered office is

**Melton Ross Quarries**

**Barnetby**

**Brigg**

**North Lincolnshire**

**DN38 6AE**

company registration number 9433

to operate an installation at

**Camp Wood Waste Acid Treatment Plant**

**Melton Ross Quarries**

**Barnetby**

**Brigg**

**North Lincolnshire**

**DN38 6AE**

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

Name	Date
Claire Roberts	13/11/2017

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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 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”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **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 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.
- 2.3.5 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.

### **Hazardous waste storage and treatment**

- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

## **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 table 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 Pests**

- 3.5.1 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.
- 3.5.2 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.

## **3.6 Fire prevention**

- 3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
  - (b) implement the fire prevention 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 S4.1; and
- (c) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.

4.2.3 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.

4.2.4 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) 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

<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	S5.3 A(1) (a) (ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Physico-chemical treatment of waste acids and alkaline wastes for the purpose of disposal (D9)	From receipt of waste through physico-chemical treatment to despatch off site for disposal.  Treatment consisting of mixing waste acid with alkaline wastes in the sealed mixing vessel within the sealed building.  Treated waste to be deposited into the bunker below the mixing building (as detailed on the site plan in Schedule 7) which will be emptied daily.  Waste types and quantities as specified in Table S2.2 of this permit.  Treatment of up to 29,999 tonnes per year, with a maximum treatment capacity of 150 tonnes per day
A2	S5.6 A(1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3 and paragraph (b) of this Section	Storage of hazardous waste prior to treatment and disposal (D15)	From receipt of waste as specified in table S2.2 to treatment and disposal off site.  Waste acids to be stored in two 60m <sup>3</sup> acid tanks as detailed on the site plan in Schedule 7.  APCR/alkaline wastes to be stored in two 180m <sup>3</sup> silos as detailed on the site plan in Schedule 7.  Total storage capacity of 750 tonnes.  Waste storage duration shall not exceed 6 months.
<b>Directly Associated Activity</b>			
A4	Management of site surface water	Collection and storage of contaminated site surface water in storage tanks as part of a sealed drainage system.	From the collection of contaminated site surface water from process and storage areas to re-use within the facility or discharge off-site.

<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>
A5	Raw material storage	Storage of raw materials including sodium hydroxide and diesel	From receipt of raw materials to despatch for use within the facility.

<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/JP3738YQ/A001	Response to application form part B3, section 3a – technical standards: <ul style="list-style-type: none"> <li>• Technical standards detailed in section 1.3 of Application supporting document 'Best Available Techniques and Operating Techniques'.</li> <li>• Process and process controls detailed in section 5 of Application supporting document 'Best Available Techniques and Operating Techniques'.</li> <li>• Process flow diagram – drawing P353 titled '353 Campwood Waste Acid Treatment Plant Indicative Process Layout' dated 25/01/2017</li> </ul>	06/04/17
Response to Schedule 5 Notice	Schedule 5 Notice, response to: <ul style="list-style-type: none"> <li>• Question 1 relating to monitoring of heat during the treatment process.</li> <li>• Questions 3 and 5 relating to completion of the process and testing of the treated residue.</li> <li>• Question 9 relating to ammonia abatement.</li> </ul>	18/08/17
Response to request for further information	Email response to request for additional information relating to treated residue disposal contingency route, sodium hydroxide specification and clarification about EWC code 06 01 06*.	24/10/17

<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	The operator shall submit a written plan to the Environment Agency for approval that includes proposals to undertake representative monitoring of the air discharged from emission point A1 including the parameters to be monitored, frequencies of monitoring and methods to be used.  The operator shall carry out the monitoring in accordance with the Environment Agency's written approval.	13/05/18

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

Raw materials and fuel description	Specification
Sodium hydroxide solution	-
Diesel	-
Lime	-

Maximum quantity	Up to 29,999 tonnes per year
Waste code	Description
<b>06</b>	<b>Wastes from inorganic chemical processes</b>
<b>06 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of acids</b>
06 01 02*	hydrochloric acid
06 01 06*	other acids
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 01</b>	<b>wastes from power stations and other combustion plants (except 19)</b>
10 01 16*	fly ash from co-incineration containing hazardous substances
<b>10 02</b>	<b>wastes from the iron and steel industry</b>
10 02 07*	solid wastes from gas treatment containing hazardous substances
<b>10 13</b>	<b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>
10 13 12*	solid wastes from gas treatment containing hazardous substances
<b>11</b>	<b>Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy</b>
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)</b>
11 01 05*	pickling acids
<b>19</b>	<b>Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 07*	solid wastes from gas treatment
19 01 13*	fly ash containing hazardous substances
19 01 15*	boiler dust containing hazardous substances

## Schedule 3 – Emissions and monitoring

<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>
A1	Mixing plant extraction unit	PM <sub>10</sub>	-	To be agreed upon completion of IC1	To be agreed upon completion of IC1	To be agreed upon completion of IC1
		Ammonia	-	To be agreed upon completion of IC1	To be agreed upon completion of IC1	To be agreed upon completion of IC1

## Schedule 4 – Reporting

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

<b>Table S4.1: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Total waste acid treated	Tonnes
Total APCR (or other alkaline material) treated	Tonnes

<b>Table S4.2 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Total lime used	Annually	Tonnes
Total sodium hydroxide used	Annually	m <sup>3</sup>

<b>Table S4.3 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	13/11/2017
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	13/11/2017
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	13/11/2017

# 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.

“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.

“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.

“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.

“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

“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.

“Pests” means Birds, Vermin and Insects.

“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 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

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

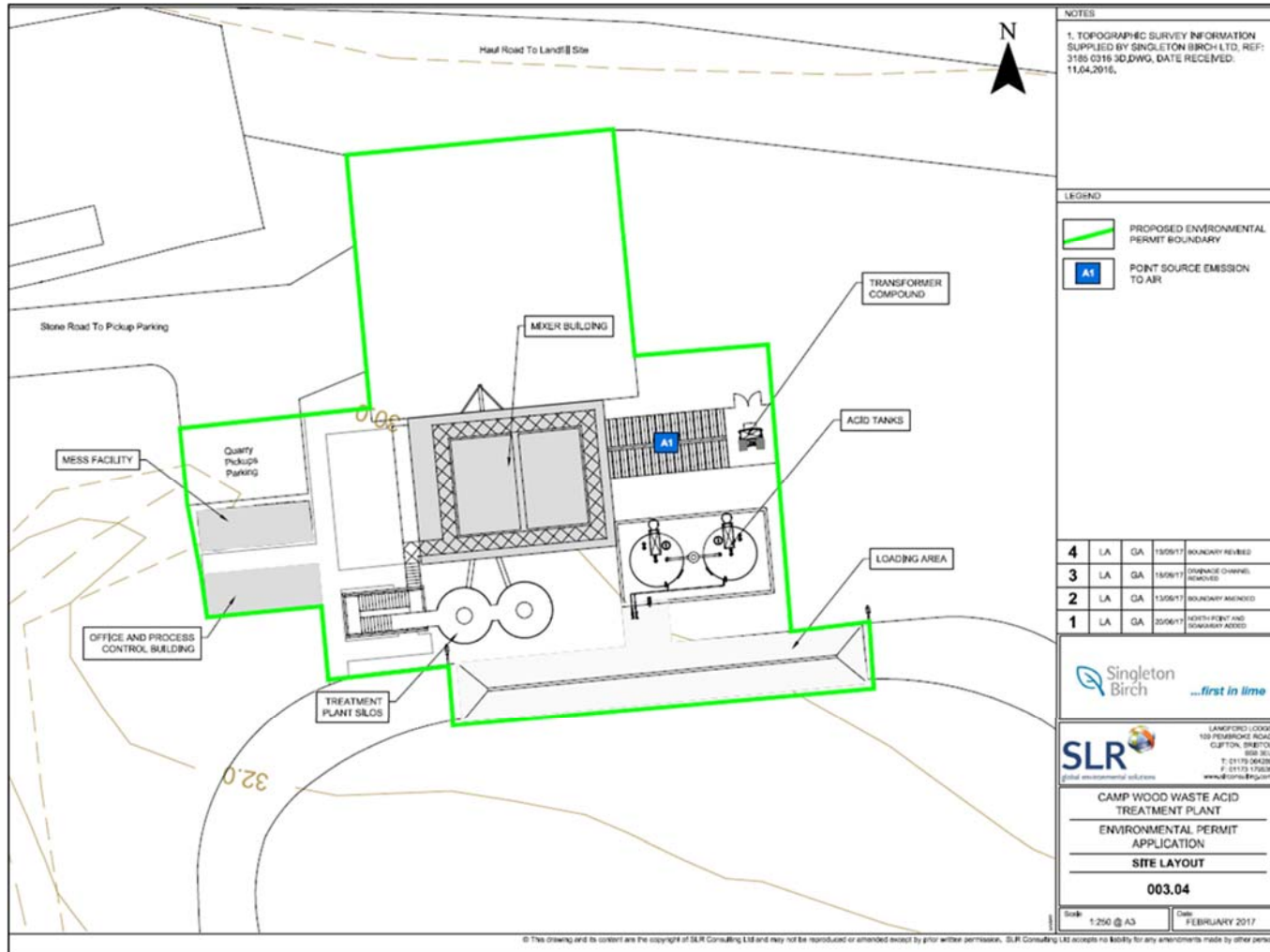
“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2 (or if more than one table state the table references), for that table/those tables (delete as applicable), they have the meaning given below:

‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

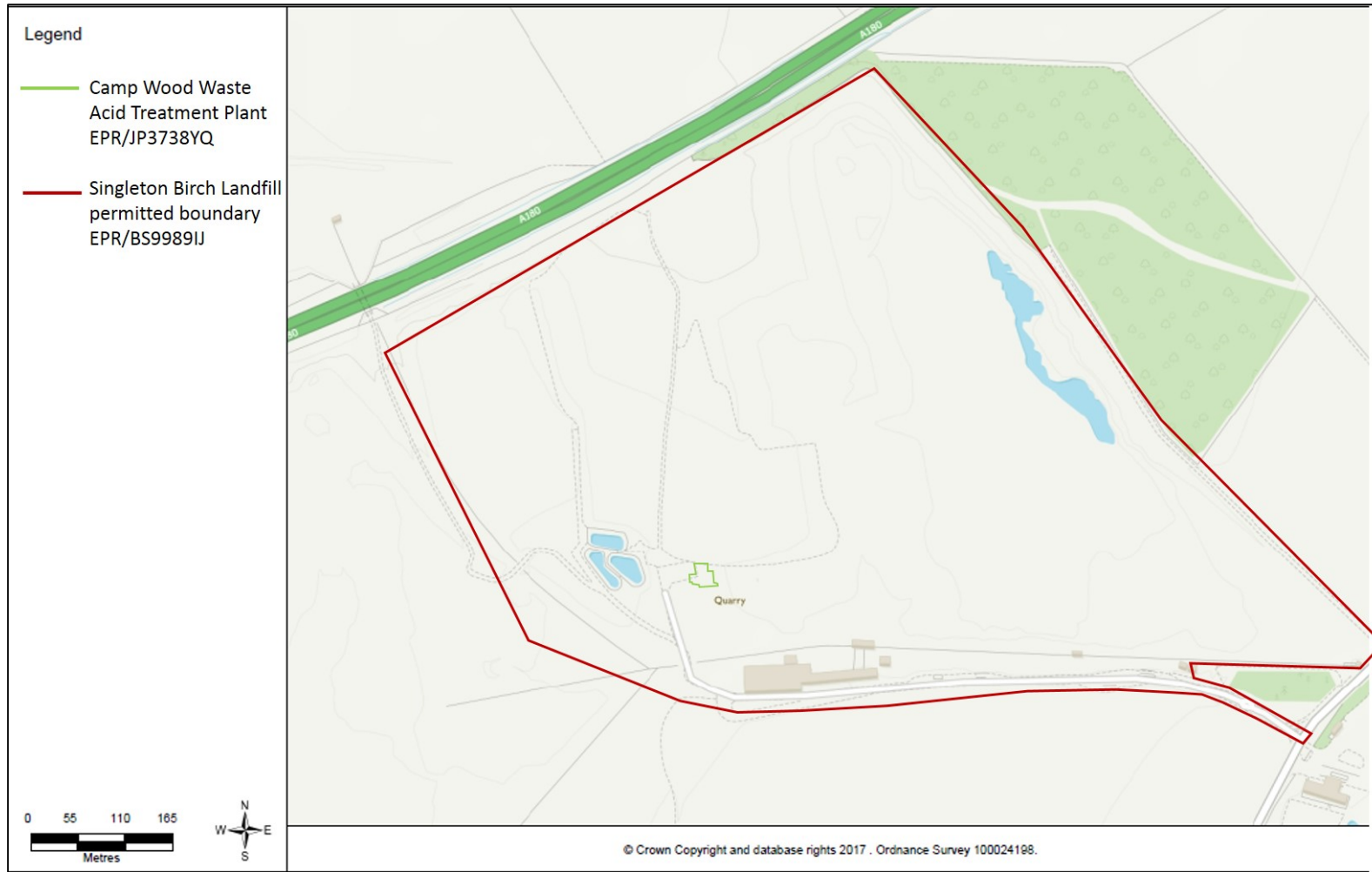
# Schedule 7 – Site plan

Site plan 1 – Site layout plan



Permit number  
EPR/JP3837YQ

Site plan 2 –Location of the Waste Acid Treatment Plant within Singleton Birch Landfill.



END OF PERMIT

Permit number  
EPR/JP3837YQ

**Permit Number:**        **EPR/JP3738YQ**        **Operator:**        **Singleton Birch Limited**

**Facility:**        **Camp Wood Waste**        **Form Number:**        **WaterUsage1 / 13/11/2017**  
                         **Acid Treatment Plant**

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

<b>Water Source</b>	<b>Usage (m<sup>3</sup>/year)</b>	<b>Specific Usage (m<sup>3</sup>/unit output)</b>
Mains water		
<b>TOTAL WATER USAGE</b>		

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number:**        **EPR/JP3738YQ**

**Facility:**                **Camp Wood Waste  
Acid Treatment Plant**

**Operator:**                **Singleton Birch  
Limited**

**Form Number:**        **Energy1 / 13/11/2017**

**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:
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Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/JP3738YQ           Operator:           Singleton Birch Limited**

**Facility:                   Camp Wood Waste           Form Number:       Performance1 / 13/11/2017**  
**Acid Treatment 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
Total waste acid treated	Tonnes
Total APCR (or other alkaline material) treated	Tonnes
Total lime used	Tonnes
Total sodium hydroxide used	m <sup>3</sup>

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)