



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Eco-Power Green Energy Ltd
Melton Recycling Facility
Gibson Lane
Melton
East Yorkshire
HU14 3HH

Permit number

EPR/MP3107PP

Eco-Power Green Energy Ltd

Permit number EPR/MP3107PP

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The site will produce Refuse Derived Fuel (RDF) from residual wastes from other waste processing sites. The permit allows for the acceptance of up to 250,000 tonnes per year of a limited range of waste types that will be processed to produce RDF. The facility is primarily intended to produce solid recovered fuel (SRF). Both waste types will be transported off site for use as a fuel in energy from waste plants, cement kilns or similar. A smaller proportion of other wastes will also be generated from the production of RDF/SRF, this will be predominately recyclable wastes such as metals and plastics that will be sent offsite for further recovery.

Waste will be accepted and stored within specified feed material storage areas. From here waste will be moved to the treatment building where it will be subjected to series of treatment activities starting with shredding followed by screening to remove fine grained materials, heavy fractions, metals, and certain plastics. Depending on the desired outputs the waste may then be dried using a warm air-drying floor before being screened further and then pelletized to create compressed waste pellets of SRF. SRF pellets will be cooled by blown air that is discharged via an emission point, the pellets are stored within a bunker pending collection. The emissions from pellet cooling will be treated using both cyclone and fabric filters. If the waste needs to be dried, then warm air will be pulled through the loose SRF and discharged through 13 emission stacks. Heat for the drying line will be produced using up to 41 Biomass boilers that will use only virgin wood briquettes as a fuel source. Emissions from the boilers are vented using 41 separate flue stacks.

All storage of waste prior to and after treatment is done within a building and on an impermeable surface. Surface water production is limited to runoff from roofs and access roads. The energy for powering the treatment activities will come from a mixture of grid supply and diesel generators (the grid supply is not sufficient to supply peak power demand). The treatment shed has an air extraction system that removes dust using cyclone/fabric filters before discharge to atmosphere.

The production of refuse derived fuels (RDF) and solid recovered fuels (SRF) as envisaged for the site is classed as a Schedule 5.4 A (1) (b) (ii) activity – Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving the pre-treatment of waste for incineration or co-incineration.

The treatment shed, feed material storage areas and SRF storage bunkers have a fire detection and suppression system installed that is designed to detect fire automatically (with manual control also possible) and extinguish the fire using either a deluge system (higher risk areas) or computer-controlled water jets and is supplied with water via an onsite storage tank. The activities onsite are detailed in a comprehensive environmental management system that sets out the procedures for running the site in accordance with the environmental permit.

The site is within 2km of Melton Bottom SSSI (Geological feature), the Humber SSSI (Nationally important habitat) and the Humber Estuary Special Area of Conservation/Special Protection Area/Ramsar Site. It is close to several industrial and commercial businesses and within 270 metres of residential property.

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

Status log of the permit		
Description	Date	Comments
Application EPR/MP3107PP/A001	Duly made 22/10/2022	Application for permit for the pre-treatment of waste for incineration or co-incineration.
Schedule 5 Notice	22/01/2021	Response received 23/07/2021
Schedule 5 Notice	22/03/2021	Response received 23/07/2021
Schedule 5 Notice	27/09/2021	Response received 14/10/2021
Schedule 5 Notice	08/12/2021	Responses received 22/02/2022 and 23/02/2022
Additional information received	31/05/2022	Application to change applicant to Eco-Power Green Energy Ltd
Additional information received	14/09/2022	Consolidated version of the fire prevention plan
Additional information received	16/09/2022	Consolidated version of the odour management plan
Additional information received	03/10/2022	Confirmation of air quality emission limit values (particulates) for waste drying floor
Additional information received	05/10/2022	Amended consolidated version of odour management plan
Additional information received	17/10/2022	Notification of use of Diesel generators to supplement mains power supply
Permit determined EPR/MP3107PP (Billing ref. MP3107PP).	20/10/2022	Permit issued to Eco-Power Environmental (Hull) Ltd.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/MP3107PP

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

Eco-Power Green Energy Limited (“the operator”),

Whose registered office is

Bankwood Processing Site

Bankwood Lane

New Rossington

Doncaster

South Yorkshire

DN11 0PS

Company registration number **12258038**

to operate an installation at

Melton Recycling Facility

Gibson Lane

Melton

East Yorkshire

HU14 3HH

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

Name	Date
Philip Lamb	20/10/2022

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.

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 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 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.

3.4 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.

3.5 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 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.

3.7 Fire prevention

- 3.7.1 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.

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 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.

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

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.4 A1(b)(ii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration	R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic substances	Treatment of solid non-hazardous waste to produce solid recovered fuel (SRF) and refuse derived fuel (RDF). Treatment operations shall be limited to manual and mechanical sorting, separation, screening, shredding, drying, and pelletising for the purpose of producing RDF and SRF for recovery. Waste types suitable for acceptance are limited to those non-hazardous wastes specified in table S2.2
Directly Associated Activity			
AR2	Storage of waste prior to treatment	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Receipt and storage of non-hazardous waste pending pre-treatment of waste for incineration or co-incineration. Incoming wastes shall be stored within a building on an impermeable surface with sealed drainage. Waste types suitable for acceptance are limited to those non-hazardous wastes specified in table S2.2.
AR3	Bulking of recyclable wastes	R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic substances	Bulking of recyclable wastes recovered as an incidental part of the production of RDF and SRF. All wastes shall be stored within a building on an impermeable surface with sealed drainage.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	
AR4	Storage of solid recovered fuel pending removal from the site	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	All wastes shall be stored within a building on an impermeable surface with sealed drainage.
AR5	Biomass Boilers	Combustion plant with a combined thermal input of maximum of 5.33MWth	41 Biomass hot water boilers to provide heat to the drying plant on site
AR6	Raw materials storage	Storage of raw materials, including lubrication oil and diesel	From the receipt of raw materials to despatch for use within the facility.
AR7	Surface water collection, storage and discharge	Collection and storage of uncontaminated roof and site surface water in a settlement pond	From the collection of uncontaminated roof and site surface water from external site areas discharged off site into controlled waters.
AR8	Diesel generators	Up to 7 Diesel generators with an individual 500KW electrical output (no more than a maximum of 5 in use at any one time during peak demand)	Supplementary power generation only

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Sections 1.2, 1.4, 1.6 and 1.8 of the application document(s) provided in response to section 3a – technical standards, Part B3 (B4 etc.) of the application form. Technical standards in relation to Best available techniques as described in BAT conclusions 2018/1147 under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for waste treatment BAT Conclusions Numbers 1-5, 8, 10-14, 17-19, 21-25, 31, 40-41, 45.	Duly Made 22/10/2020
Additional information	Response to email of 28/05/2021 requesting information about boiler chimney velocity, Reference 784-B027125 Memo No 2, use of Exodraft chimney fan	23/06/2021
Response to Schedule 5 Notice dated 22/01/21	Additions to Pest management plan reference PMP issue 2 as detailed in Eco 09.03.2020 PMP Issue 2	23/07/2021

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to Schedule 5 Notice dated 22/03/2021	Emissions management plan issue 2 Details concerning dust extraction system	23/07/2021
Response to Schedule 5 Notice dated 22/03/2021	Details of waste drying process as detailed in 784-B028992 Eco Power Gibson Lane AQ 2 nd Schedule 5 23Jul21	23/07/2021
Response to Schedule 5 Notice dated 27/09/21	Approved PMP incorporating additions to Pest management plan as detailed in 784- B028992 Eco Power Gibson Lane AQ 3 rd Schedule 5 14_Oct_21	14/10/2021
Response to Schedule 5 Notice dated 08/12/2021	Approved EMP incorporating additions to Emissions management plan EMP issue 2 as detailed in Tech Memo_784-B028992 Emission limits and monitoring frequency for dust extraction and pellet cooling systems	22/02/2022
Response to Schedule 5 Notice dated 08/12/2021	Restriction on waste type's response 1, Schedule 5 response Tech Memo_784-B028992	22/02/2022
Response to Schedule 5 Notice dated 08/12/2021	Noise management plan reference Eco17.02.2022/NMP Issue 3	23/02/2022
Additional information	Approved Fire Prevention Plan Eco 09.03.2020/FPP Issue 2 September 2022	14/09/2022
Additional information	E-mail confirmation of dust emission limit values for waste drying floor	03/10/2022
Additional information	Operating and maintenance procedure for dust extraction systems.	04/10/2022
Additional information	Approved Odour management plan 784-B028992 Eco Power Gibson Lane Hull (at Melton) OMP Update 04Oct22 Issue 5	05/10/2022
Additional information	Details relating to capacity and usage of diesel generators used to provide supplementary electrical power supply during peak demand	17/10/2022

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	Submit a written plan to the Environment Agency for technical assessment and approval. The plan must contain an assessment of the effectiveness of odour control measures at the site following commissioning and use of the permitted waste treatment activities. This should include, but not be limited to, a review of the conclusions made in the odour management plan in relation to the modelling of odour emissions from the waste drying process including a review of odour monitoring and any odour complaints. The plan must contain dates for the implementation of any individual improvement measures proposed within the plan (subject to any such amendments or additions to the proposed system as notified by the Environment Agency).	6 months following issue of the permit

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.	
IC2	<p>If required, because of IC 1 the operator shall submit a written commissioning plan to the Environment Agency for technical assessment and approval for the installation of an odour abatement system and or other odour management techniques, as agreed under IC1.</p> <p>The plan shall contain, but not be limited to:</p> <ul style="list-style-type: none"> • Confirmation of the commissioning programme • Details of odour abatement plant monitoring protocols • An assessment of the performance of the abatement system against design parameters <p>The plan shall include timescales for the installation and the commissioning of the approved odour abatement system. The improvements must be implemented as approved / agreed, and from the date stipulated by the Environment Agency.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	6 months following completion of IC1
IC3	<p>Following commissioning of any odour abatement system or any other additional measures agreed under IC1, the Operator shall submit a written odour management plan to the Environment Agency for technical assessment and approval. The plan shall incorporate details of the odour abatement system and any additional further measures taken to control odour emissions at the facility.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.</p>	1 month following commissioning

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Biomass	Accredited biomass only
Diesel	--

Table S2.2 Permitted waste types and quantities for refuse derived fuel production	
Maximum quantity	The total quantity of waste accepted at the site shall not exceed 250,000 tonnes per year
Waste code	Description
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on-site plan in Schedule 7]	Boiler Room	No parameters set	No limit set	--	--	
A2 to A14 [Point A2 to A14 on site plan in Schedule 7]	Drying Plant	Particulate matter	5mg/Nm ³	1 hour	6 monthly	BS EN 13284-1
A15 [Point A15 on site plan in schedule 7]	Dust Abatement plant	Particulate matter	5 mg/Nm ³	1 hour	6 monthly	BS EN 13284-1
A16 [Point A16 on site plan in schedule 7]	Pellet cooling plant	Particulate matter	5 mg/Nm ³	1 hour	6 monthly	BS EN 13284-1
A17	Diesel generators	No parameters set	No limit set	--	--	

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
None	No source allowed to go to an emission point	None	Zero for all substances	None	None	None

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	A2-A14, A15 and A16	Every 6 months	1 January, 1 July

Table S4.2: Annual production/treatment	
Parameter	Units
RDF/SRF	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh

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

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	EPR/MP3107PP
Name of operator	Eco-Power Green Energy Ltd
Location of Facility	Melton Recycling Facility
Time and date of the detection	

(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	
To be notified within 24 hours of detection	
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 breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“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.

“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.

“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.

“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 the Waste Framework Directive.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

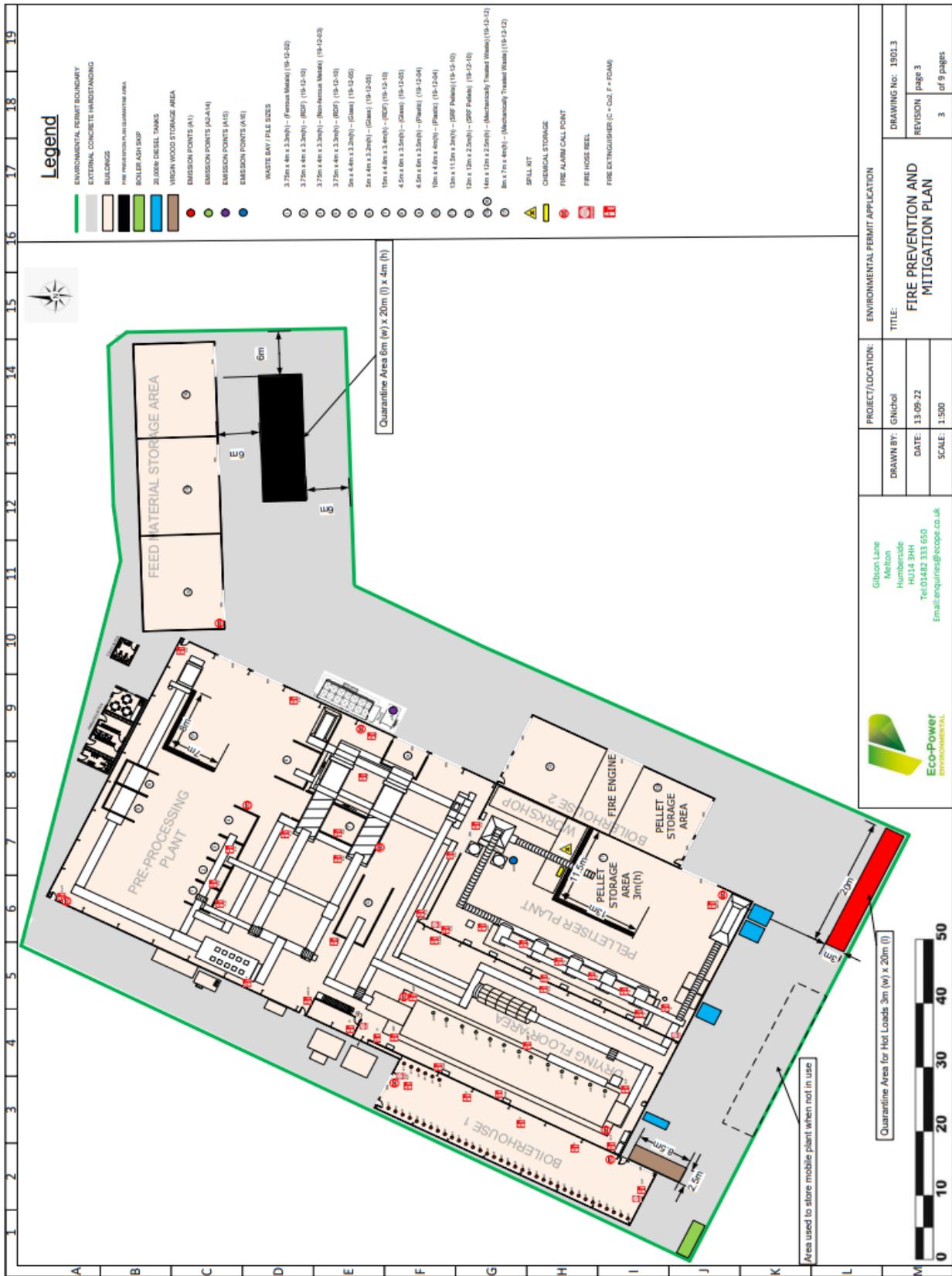
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

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

dry for solid fuels; and/or in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

² Give the result as 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, give the result as the 'minimum to maximum' of the measured values.

³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.

⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Water Usage Reporting Form

Permit number: EPR/MP3107PP

Operator: Eco-Power Green Energy Ltd

Facility name: Melton Recycling Facility

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m³)	Specific water usage (m³/unit) ²
Mains water	<i>[insert annual usage in m³ where mains water is used]</i>	<i>[insert annual usage in m³/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m³ where water is used from a site borehole]</i>	<i>[insert annual usage in m³/unit where water is used from a site borehole]</i>
Other – <i>[specify other water source where applicable]. Add extra rows where needed]</i>	<i>[insert annual usage in m³ where applicable]</i>	<i>[insert annual usage in m³/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m³]</i>	<i>[insert total annual water usage in m³/unit]</i>

Operator's comments

--

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: EPR/MP3107PP

Operator: Eco-Power Green Energy Ltd

Facility name: *[Unit A, Anytown]*

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year *[YYYY]*

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Diesel – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>

Operator's comments

