

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Veola ES Cleanway (UK) Ltd

Maendy Quarry
Upper Church Village
Pontypridd
CF37 1PS

Variation application number

PAN-002164

Consolidated permit number

AN0236801

Maendy Quarry

Consolidated permit number AN0236801

Introductory note

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

The following notice gives notice of the variation of environmental permits AN0236801 and AN0236802 referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

The permit will relegate the discharge of rainfall related site drainage arising from the disused landfill located in the Maendy West Quarry and site drainage from disused Maendy East Quarry. The site will continue to two discharges from both West and East Quarries and improvement condition have been included to ensure an appropriate scheme for remediation of site drainage will be constructed and commissioned to improve nature of the discharges.

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. It is not backdated before 6 April 2010

Status Log of permit A: AN0236801

Description	Date	Comments
Application PAN-002164 (variation and consolidation)	Duly made 18/01/2018	Application to vary and update the permit to modern conditions.
Variation determined AN0236801	19/07/2018	Varied and consolidated permit issued in modern condition format.

Status Log of permit B: AN0236802

Description	Date	Comments
Application PAN-002164 (variation and consolidation)	Duly made 18/01/2018	Application to vary and update the permit to modern conditions.
Variation determined AN0236801	19/07/2018	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates environmental permits

permit numbers

AN0236801

AN0236802

issued to:

Veola ES Cleanway (UK) Ltd (“the operator”)

whose registered office is

**210
Pentonville Road
London
N1 9JY**

company registration number 00806128

to operate a regulated facility at

**Maendy Quarry
Upper Church Village
Pontypridd
CF37 1PS**

to the extent set out in the schedules.

The notice shall take effect from 18/07/2018

The number of the consolidated permit is AN0236801

Name	Date
Emily Roe	19/07/2018

Authorised on behalf of Natural Resources Wales

Schedule 1 – changes in the permit

Note: The conditions numbers used in this schedule refer to those in the consolidated permit.

All conditions have been varied by the consolidated permit as a result of the 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
AN0236801

This is the consolidated permit referred to in the variation and consolidation notice for application PAN-002164 authorising,

Veola ES Cleanway (UK) Ltd (“the operator”)

whose registered office is

210
Pentonville Road
London
N1 9JY

company registration number 00806128

to operate **a water discharge activity at**

Maendy Quarry
Upper Church Village
Pontypridd
CF37 1PS

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

Name	Date
Emily Roe	19/07/2018

Authorised on behalf of Natural Resources Wales

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 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.

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 and the discharges shall be made at the points marked on the site plan at schedule 7 to this permit and as listed in table S3.2 (discharge points).

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 Natural Resources Wales.

2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water

- 3.1.1 There shall be no point source emissions to water except from the sources and emission points listed in schedule 3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Monitoring

- 3.3.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1 and S3.3.
- 3.3.2 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.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.

- 3.3.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, for at least 6 years from the date when the records were made.
- 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 Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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 S4.2; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

- 4.3.1 Natural Resources Wales shall be notified without delay following the detection of:
- (a) 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) the breach of a limit specified in the permit; or
 - (c) any significant adverse environmental effects.

- 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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.
- 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) Natural Resources Wales 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.

4.4 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 "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 Activities		
Activity reference	Description of activity	Limits of specified activity
A1 Maendy East Quarry	Discharge of rainfall related trade effluent consisting of site drainage via MAE001	N/A
A2 Maendy West Quarry	Discharge of rainfall related trade effluent consisting of site drainage via MAE002	N/A

Table S1.2 Operating techniques
Table S1.2 not in use

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
A1 Maendy East Quarry and A2 Maendy West Quarry	<p>IC1 - Initial restoration scheme designs submitted to NRW for review 6 months from date permit issued</p> <p>IC2 - Final designs for restoration scheme and an outline construction programme to be completed and approved by NRW 6 months following NRW review/finalising of IC1</p> <p>IC3 - Restoration scheme to be built and commissioned in accordance with outline construction programme agreed in IC2 and no later than 21 months from final approval of IC2, unless otherwise agreed with NRW.</p> <p>IC4 - Operator to submit report to NRW reviewing monitoring data and make recommendations for improvement works if required. The report shall also review the compliance limits, parameters and monitoring frequencies, 2 years from completion of the commissioning of the works carried out in accordance with IC3.</p>	<p>IC1 - From date of permit issue.</p> <p>IC2, IC3, IC4 from time frames as stated in requirements.</p>

Schedule 2 - Waste types, raw materials and fuels

Wastes are not accepted as part of the permitted activities and there are no restrictions on raw materials or fuels under this schedule.

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Discharge source and discharge point ref. & location	Parameter	Limit (including unit)	Reference Period	Limit of effective range	Monitoring frequency	Compliance Statistic
A1 Maendy East Quarry; Rainfall related trade effluent consisting of site drainage via MAE001	Chemical Oxygen Demand as Oxygen (COD)	300mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	Monohydric phenol	5 mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	pH	6 to 9	Instantaneous (spot sample)	N/A	N/A	Minimum and maximum
	Toluene	2 mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	Visible oil or grease	No significant trace present	Instantaneous (spot sample)	N/A	N/A	No significant trace

A2 Maendy West Quarry; Rainfall related trade effluent consisting of site drainage via MAE002	Chemical Oxygen Demand as Oxygen (COD)	300mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	Monohydric phenol	5 mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	pH	6 to 9	Instantaneous (spot sample)	N/A	N/A	Minimum and maximum
	Toluene	3 mg/l	Instantaneous (spot sample)	Calculated as an average of any 12 consecutive samples randomly taken at monthly intervals	Monthly	Mean See Table S4.1
	Visible oil or grease	No significant trace present	Instantaneous (spot sample)	N/A	N/A	No significant trace

Table S3.2 Discharge points			
Effluent Name	Discharge Point	Discharge point NGR	Receiving water/Environment
A1 Maendy East Quarry; Rainfall related trade effluent consisting of site drainage	MAE001	ST 07490 87500	Nant Ty'r Arlwydd
A2 Maendy West Quarry; Rainfall related trade effluent consisting of site drainage	MAE002	ST 07180 87680	Nant Ty'r Arlwydd

Table S3.3 Monitoring points			
Effluent(s) and discharge point(s)	Monitoring type	Monitoring point NGR	Monitoring point reference
A1 Maendy East Quarry; Rainfall related trade effluent consisting of site drainage via MAE001	Effluent sample point	ST 07490 87500	MAE001
A2 Maendy West Quarry; Rainfall related trade effluent consisting of site drainage via MAE002	Effluent sample point	ST 07180 87680	MAE002

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Determinand	Monitoring point reference	Reporting period	Period begins
Chemical Oxygen Demand as Oxygen (COD), Monohydric phenol, Toluene	MAE001	Quarterly and on request.	1 st of month
	MAE002	Condition 2.4 and Table S1.3 apply	

Table S4.2 Reporting forms	
Determinand	Reporting format
Chemical Oxygen Demand as Oxygen (COD), Monohydric phenol, Toluene	Format specified by Natural Resources Wales

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	AN0236801
Name of operator	
Location of Facility	Maendy Quarry - East and West
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	
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 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.

“annually” means once every year.

“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.

“COD as O₂” means the chemical oxygen demand (measured using the standard dichromate procedure).

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, 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.

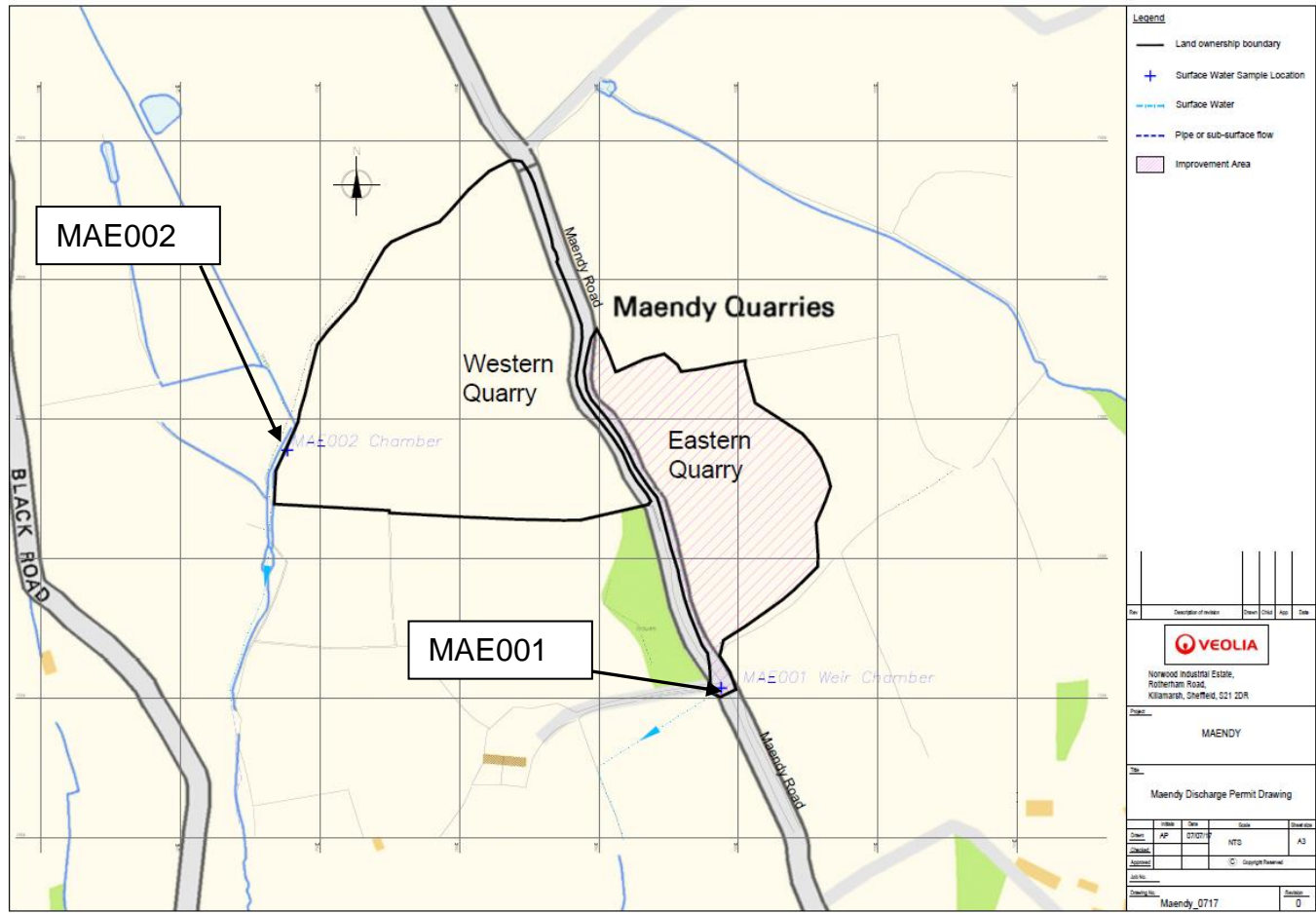
“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Natural Resources Wales” means the Natural Resources Body for Wales established by article 3 of the Natural Resources Body for Wales (Establishment) Order 2012. The Natural Resources Body for Wales (Functions) Order 2013 transferred the relevant functions of the Countryside Council for Wales, and functions of the Environment Agency and the Forestry Commission in Wales to the Natural Resources Body for Wales.

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

“year” means calendar year ending 31 December.

Schedule 7 - Site plan



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END OF PERMIT