



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Solutia UK Limited

Cefn Mawr (former Flexys 'Ruabon'
Works)
Wrexham
LL14 3SL

Permit number
EPR/NP3335GR

Cefn Mawr (former Flexys 'Ruabon' Works)

Permit number EPR/NP3335GR

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Solutia UK Limited operate three carbon filtration units to treat groundwater which is abstracted for reasons of slope stability and to prevent the escape of groundwater, which contains iron and organic compounds, to surface water via other routes. Groundwater is abstracted from two de-watering boreholes and two collection sumps before being passed through the carbon filtration units for treatment. The function of the carbon filtration units is to absorb trace plant-related organic compounds in the groundwater and they don't act to remove iron.

Solutia UK Limited also operate a Groundwater and Stormwater Storage Facility (GSSF). This facility receives water from two sources: (i) treated groundwater from the carbon filtration units; and (ii) rainwater collected by the site's surface water drainage system. Both sources of water are transferred to the GSSF via pipeline, where they are combined and held in storage tanks before being discharged to the River Dee via pipeline.

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 BQ4173	Received 14/08/03	
Additional information	Received Nov.03-Jan.04	Further Site Report information
Additional information	Received 16/12/03	Releases to air
Additional information	Received 11/12/03, 09/01/04	Hertel Services lease & location
Additional information	Received 30/01/04	Units and minor operational changes
Additional information	Received 05/03/04	Impact of released copper from Syton ion-exchange unit
Additional information	Received 05/03/04	Site plan
Additional information	Received 23/03/04, 01/04/04	Cadmium and Mercury in effluent
Permit BQ4173 determined	13/04/04	

Variation DP3232MG	Received 11/12/06	
Additional information	Received 26/02/07, 26/02/07, 16/03/07	H2S abatement and limits
Additional information	Received 07/03/07	Waste Water Treatment Plant operation
Additional information	Received 14/05/07	Drg.88CO1027 (revB)
Variation DP3232MG determined	24/05/07	
Transfer EPR/NP3335GR/T001	Received 22/10/08	
Transfer EPR/NP3335GR/T001	Effective 23/12/08	
Variation application EPR/NP3335GR/V002 received	29/11/08	
Additional information received	03/12/08	Abstractor meeting notes
Additional information received	08/12/08	Fish toxicity of organic chemicals
Additional information received	12/12/08	Effluent monitoring
Additional information received	17/12/08	Drg. 88/C01/048 and Taste & Odour
Additional information received	22/12/08	Water testing and GCMS
Additional information received	12/01/09	Analytical methods BS numbering and updated Part A form
Additional information received	14/01/09	Site organisation – Spring 2009
Variation EPR/NP3335GR/V002 determined	19/01/09	
Application EPR/NP3335GR/T003 (partial transfer of permit EPR/NP3335GR	Duly Made 08/06/09	
Environment Agency request to extend determination date to 01/09/09	17/07/09	
Additional information received	20/07/09	Revised drg. 88C01050 (rev.1) & new cover letter extending transfer area
Extension request agreed	22/07/09	

Schedule 5 Request for further information	Sent 04/08/09	
Additional Information Received	06/08/09	Response to Schedule 5 Notice
Partial transfer determined EPR/NP3335GR	31/08/09	
Environment Agency Led Variation EP3035TW (EPR/NP3335GR/V004), initiated	30/03/10	
Variation Notice EPR/NP3335GR/V004 issued	01/04/10	
Application EPR/NP3335GR/S005 (partial surrender of permit EPR/NP3335GR)	Duly Made 05/05/10	
Partial Surrender Notice EPR/NP3335GR/S005 issued	03/11/10	
Environment Agency Led Variation (EPR/NP3335GR/V006) initiated	31/07/12	Emission limit for Fe discharge from the outlet of the carbon filters reversed to an objective level
Environment Agency Led Variation determined EPR/NP3335GR/V006 Permit EPR/NP3335GR	26/10/12	Varied permit issued
Agency variation determined EPR/NP3335GR/V007	25/03/13	Agency variation to implement the changes introduced by IED
Application EPR/MP3335GR/V008 (variation and consolidation)	Duly made 11/12/14	Application to vary and update the permit to modern conditions
Variation determined	23/06/15	Varied and consolidated permit issued in modern condition format

Other Part A installation permits relating to this installation

Operator	Permit number	Date of issue
Air Products Electronics Advanced Materials Europe Limited	EPR/BV2689IE	13/04/04

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

EPR/NP3335GR

The Natural Resources Body for Wales ("Natural Resources Wales") authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Solutia UK Limited ("the operator"),
whose registered office is


**Corporation Road
Newport
South Wales
NP19 4XF**

company registration number **03295486**

to operate an installation at

**Cefn Mawr (former Flexys 'Ruabon' Works)
Wrexham
LL14 3SL**

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

Name	Date
	23/06/2015

Eirian Macdonald, Principal Permitting Team Leader, NRW Permitting Service

Authorised on behalf of Natural Resources Wales

1 Management

1.1 General management

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

1.2 Accident management plan

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
 - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
 - (c) make any appropriate changes to the plan identified by a review.

1.3 Energy efficiency

- 1.3.1 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.

1.4 Efficient use of raw materials

- 1.4.1 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.

1.5 Avoidance, recovery and disposal of wastes produced by the activities

1.5.1. The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

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

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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 Natural Resources Wales.
 - (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in schedule 3 table S3.1 shall conform to the specifications set out in that table.

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 4 tables S4.1, S4.2 and S4.4.
- 3.1.2 The limits given in schedule 4 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 Fugitive emissions of substances

- 3.2.1 Fugitive emissions of substances (excluding odour, noise and vibration) 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 fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 All liquids, 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1 and S4.2;
 - (b) surface water or groundwater specified in table S4.3; and
 - (c) following mixing of stormwater and groundwater in the Stormwater and Groundwater Storage Facility the Operator shall carry out an analytical monitoring programme according to Table S4.4.
- 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 Natural Resources Wales.
- 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 4 tables S4.1, S4.2, S4.3 and S4.4 and 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, 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 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 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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; and
 - (b) the annual production / treatment data set out in schedule 5 table S5.2;
- 4.2.3 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 5 table S5.1;
 - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.3; 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 Natural Resources Wales, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 Natural Resources Wales shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission 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 6 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.
- 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) 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.
- 4.3.6 Natural Resources Wales 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, Natural Resources Wales shall be notified within 1 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 “without delay”, in which case it may be provided by telephone.

Schedule 1 - Operations

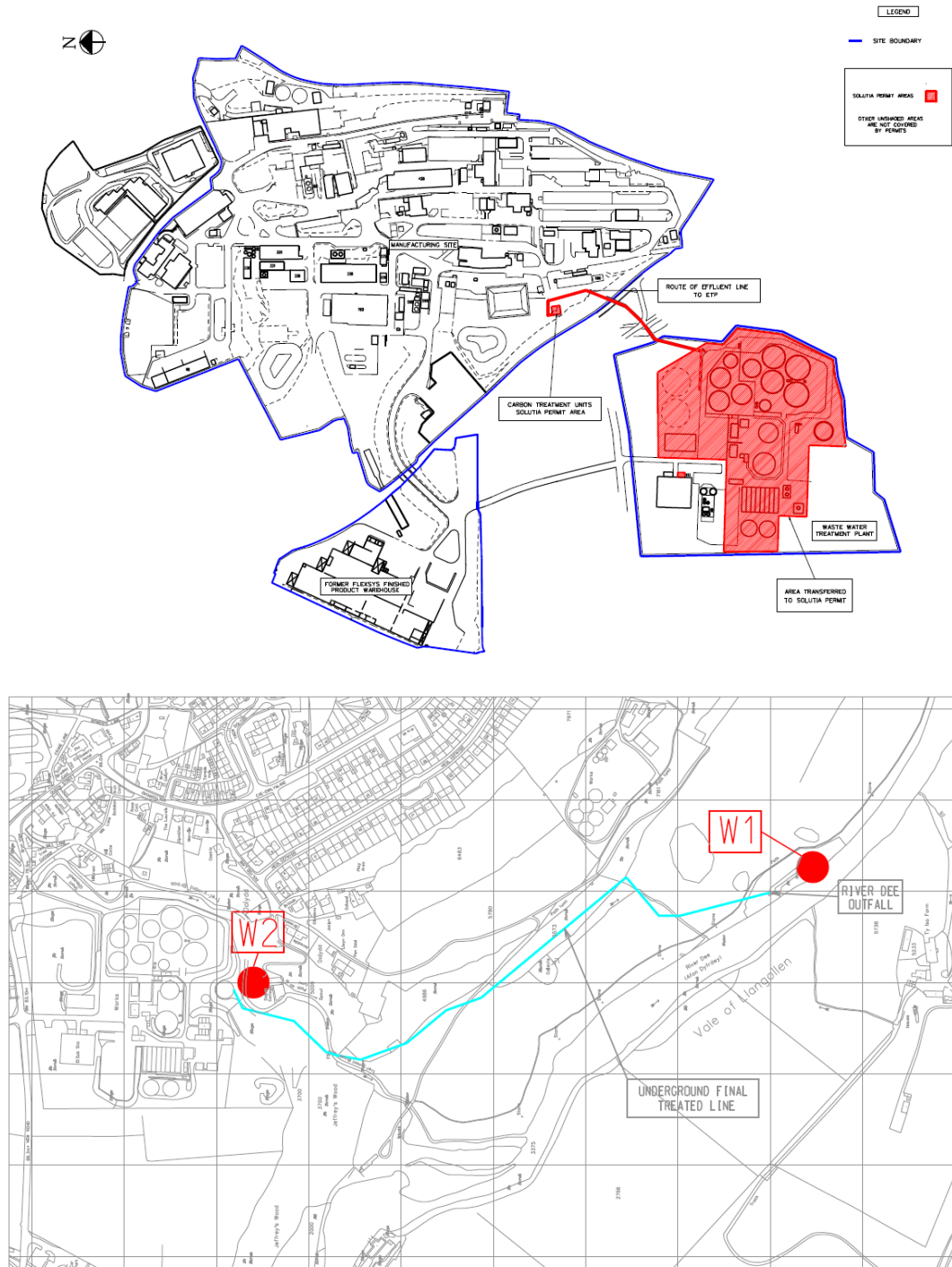
Table S1.1 activities

Activity listed in Schedule 1 of the EP Regulations / Associated Activity	Description of specified activity and WFD Annex I and II operations	Limits of specified activity
Section 5.4 A(1)(a)(ii) Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico-chemical treatment	Treatment of contaminated abstracted groundwater by carbon adsorption.	From abstraction of contaminated groundwater, treatment in the three carbon filter units, and discharge to the Ground and Stormwater Storage Facility
Directly Associated Activities		
Groundwater and Stormwater Storage Facility		---

Table S1.2 Operating techniques

Description	Parts	Date Received
Part Transfer Application EPR/PP3231WL/T001	Document entitled "Doc 2: Transfer Description – Form D2, Question 3b", section 3.0 "ETP facilities", section 4.0 "ETP Operation" and section 5.0 "Ground Conditions". Document entitled "Doc 3: Management Systems – Form D2, Question 4d".	11/12/14
Application for Variation EPR/NP3335GR/V008	Document entitled "Doc 5: Management Systems – Form C2, Question 3d" and "Doc 7: Operating Techniques – Form C3, Question 3a".	11/12/14

Schedule 2 – Site plan & Route of pipeline connecting Groundwater and Stormwater Storage Facility to emission points W1 & W2



Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Schedule 4 – Emissions and monitoring

Table S4.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Monitoring frequency	Monitoring standard or method
W1, W2	Maximum Flow Rate	Groundwater and Stormwater storage Facility	92.5 l/s	Continuous	On-line electromagnetic flow meter
	Maximum Discharge Volume	Groundwater and Stormwater storage Facility	8000 m ³ /day	Continuous	On-line electromagnetic flow meter
	Micro-pollutants	Groundwater and Storm-water storage Facility	No limit set	Quarterly	Solvent extraction with analysis by GC-MS (VOC and SVOC)
	Total Phenol	Groundwater and Stormwater storage Facility	0.2 mg/l	Quarterly	SCA blue book 50 ISBN 011751671
	Total tetrachloroethene	Groundwater and Stormwater storage Facility	2.5 µg/l	Quarterly	Solvent extraction with analysis by GC-MS
	Total Organic Carbon (TOC)	Groundwater and Stormwater storage Facility	No limit set	Quarterly	BS EN 1484 SCA blue book 157 ISBN 0117529796

Table S4.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site- emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Monitoring frequency	Monitoring standard or method
Groundwater Carbon Filter	Micro-pollutants	Outlet of any of the 3 carbon filters	No limit set	Twice yearly	Solvent extraction with analysis by GC-MS (VOC and SVOC)
Groundwater Carbon Filter	Total Iron	Outlet of any of the 3 carbon filters	No limit set	Twice yearly	BS EN ISO: 11885:1998 BS EN ISO 17294-2:2004
Groundwater Carbon Filter	Total Phenol	Outlet of any of the 3 carbon filters	No limit set	Twice yearly	SCA blue book 50 ISBN 011751671

Table S4.3 Surface water or groundwater monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method
Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Total Organic Carbon (TOC)	Twice yearly	BS EN 1484 SCA blue book 157 ISBN 0117529796
Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Total Phenol	Twice yearly	SCA blue book 50 ISBN 0117516171
Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Micro-pollutants	Twice yearly	Solvent extraction with analysis by GC-MS (VOC and SVOC)

Table S4.4 Effluent Monitoring Programme

Parameter	Sample Source	Monitoring Frequency	Monitoring Method	Objective
Total Iron	W1, W2	Weekly	Total Iron Analysis using colormetric (Hach Lange FerroVer) test method	Confirmation of predicted concentrations of Total Iron of 5 mg/l.
Total Iron	W1, W2	Quarterly	BS EN ISO 11885:1998 BS EN ISO 17294-2:2004	Confirmation of predicted concentrations of Total Iron of 5 mg/l.

Schedule 5 - Reporting

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

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Waste		Annually	01/06/15
Maximum Flow Rate l/s	W1	Quarterly	01/06/15
Maximum Discharge Volume m ³ /day	W1	Quarterly	01/06/15
Micro-pollutants	W1	Quarterly	01/06/15
Total Phenol mg/l	W1	Quarterly	01/06/15
Total Tetrachloroethene µg/l	W1	Quarterly	01/06/15
Total Organic Carbon (TOC) mg/l	W1	Quarterly	01/06/15
Total Iron mg/l	W1	Quarterly	01/06/15
Total Phenol mg/l	Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Twice yearly	01/06/15
Total Organic Carbon (TOC) mg/l	Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Twice yearly	01/06/15
Micro-pollutants	Tref-y-Nant Brook and Pontcysyllte Adit Middle and South De-watering Boreholes Brook Culvert and Road Culvert Sumps Rhosymedre Quarry Leachate Groundwater Borehole (B3)	Twice yearly	01/06/15
Micro-pollutants	Groundwater Carbon Filter Outlet	Twice yearly	01/06/15
Total Iron mg/l	Groundwater Carbon Filter Outlet	Twice yearly	01/06/15
Total Phenol mg/l	Groundwater Carbon Filter Outlet	Twice yearly	01/06/15

Table S5.2: Annual production/treatment

Parameter	Units
-	-

Table S5.3 Reporting forms

Media/parameter	Reporting format	Date of form
Waste Return	R1	01/03/04
Water (excluding sewer) and Land	Form number Water 1 or other form as agreed in writing by Natural Resources Wales	23/06/15

Schedule 6 - 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	

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
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 permit condition	
To be notified within 24 hours of detection	
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) In the event 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:	
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 7 - 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 Natural Resources Wales 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 IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

“emissions to land” includes emissions to groundwater.

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

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 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.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

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

“recovery” means any of the operations provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste..

“WFD” means Waste Framework Directive Directive 2008/98/EC of the European Parliament and of the Council on waste

“year” means calendar year ending 31 December.

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.

END OF PERMIT