

W/F

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Amgylchedd Cymru  
Environment  
Agency Wales

The Director of Development and  
Consumer Services  
Neath Port Talbot County Borough Council  
Civic Centre  
Neath  
SA11 3QZ

Ein cyf/Our ref: BP0257801  
BP0272501  
BP0272601 ✓

Eich cyf/Your ref:

Dyddiad/Date: 10 November, 2006

Dear Sir,

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION TO DISCHARGE TREATED MINERWATER FROM WHITWORTH NO.1, GWENFFRWD AND WHITWORTH B & WHITWORTH A TREATMENT SYSTEMS AT TONMAWR, NEATH TO NANT GWENFFRWD.**

**APPLICATION NO: BP0257801, BP0272501, BP0272601**

Further to your application the Agency has decided that consent should be given subject to conditions. I enclose the Agency's formal consent to discharge from Whitworth No.1, Gwenffrwd and Whitworth B & Whitworth A Treatment Systems at Tonmawr, Neath to Nant Gwenffrwd.

Under our current scheme of charges, this consented discharge will attract an annual charge from the date the consent is issued. You will be charged from this date whether or not you are actually discharging. Information on our charges is available through our website at [www.environment-agency.gov.uk/charges](http://www.environment-agency.gov.uk/charges). If you do not have access to the internet, a hard copy is available from me on request.

If you consider that the conditions imposed by the consent are unreasonable you have a right of appeal to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

Notice of an appeal must be given in writing within three months of this notification and must be accompanied by a statement of the grounds of appeal.

If granted, a consent under Schedule 10 of the Act, covers water quality considerations only. It does not alter the need to obtain any other consents or approvals which might be required in connection with your proposal under other legislation. For example it does not give any right or permission to discharge where land is not owned by the applicant.

Asiantaeth yr Amgylchedd Cymru  
Maes Newydd, Llandarsi,  
Castell-Nedd Port Talbot, SA10 6JQ  
Llinell gwasanaethau cwsmeriaid: 08708 506 506  
Ebost: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)  
[www.asiantaeth-amgylchedd.cymru.gov.uk](http://www.asiantaeth-amgylchedd.cymru.gov.uk)

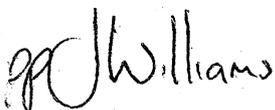
Environment Agency Wales  
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ  
Customer services line: 08708 506 506  
Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)  
[www.environment-agency.wales.gov.uk](http://www.environment-agency.wales.gov.uk)



Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This is to ensure that the rights and charges associated with the Consent are transferred to the new holder.

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Alan Jones, Team Leader Environment Management, Environment Agency Wales, Maes Newydd, Llandarcy, Neath Port Talbot SA10 6JQ

Yours sincerely



**L Lewis**  
**Authorisations Officer**

Llinell uniongyrchol/Direct dial 01792 325550  
Ffacs uniongyrchol/Direct fax 01792 325530

Encs

# Consent to discharge Water quality



Water Resources Act 1991 as amended by Environment Act 1995 and Water Act 2003

## Certificate of holder

Consent number

BPO272601

This certificate confirms that the person named below is the registered holder of the consent. Keep the certificate with the consent document for future reference.

If you transfer responsibility for the discharge to somebody else you must

- tell us as soon as you can before the proposed transfer date – complete the *Consent to discharge – Notice of transfer* below, and return the whole sheet to the address given
- pass the consent to them.

You can contact us on 08708 506 506

## The consent holder

Title

First name THE DIRECTOR OF DEVELOPMENT

Last name AND CONSUMER SERVICES

Address

NEATH PORT TALBOT COUNTY

BOROUGH COUNCIL

CIVIC CENTRE, NEATH

Postcode SA11 3GZ

Telephone *in case of queries*

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## Discharge details

Type

TREATED MINEWATER

Location

WHITWORTH 'A' TREATMENT SYSTEM, TONMAWR

## Consent to discharge – Notice of transfer

Use this part to request a transfer of the consent to another person. Once you and that person have completed the details below, return the whole sheet (WQP4) to us at the address shown. Until the consent has been transferred, you may still be liable for prosecution for breach of consent even though you are no longer on the site. If the proposed transfer does not take place, you must immediately inform the Environment Agency.

The proposed new holder of this consent is

Title

First name

Last name

Address


Postcode

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Telephone *in case of queries*

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Proposed date of transfer to proposed new holder

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 (DD MM YYYY)

## Current holder declaration

Signature of current holder

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date (DD MM YYYY)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Name

Title

First name

Last name

Position *if signing on behalf of an organisation*

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## New holder declaration

Signature of proposed new holder

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date (DD MM YYYY)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Name

Title

First name

Last name

Position *if signing on behalf of an organisation*

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## Return address

Send the completed form (WQP4) to us at:

"Maes Newydd",  
Britannic Way West,  
Llandarcy,  
Neath Port Talbot, SA10 6JQ

Customer Services Line 08708 506 506  
www.environment-agency.wales.gov.uk

You should keep a copy for your records.

CONSENT NO. BP0272601

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WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

**TO:** The Director of Development and Consumer Services  
Neath Port Talbot County Borough Council  
Civic Centre  
Neath  
SA11 3QZ

The ENVIRONMENT AGENCY ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY CONSENTS** to the making of a discharge of **OTHER MATTER** as follows:-

Treated Minewater

**FROM: WHITWORTH 'A' TREATMENT SYSTEM**

**AT: TONMAWR, NEATH**

**TO: NANT GWENFFRWD**

**SUBJECT TO** the conditions set out in the following schedule:

Treated Minewater:

Schedule No. BP0272601 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, altering this consent without the agreement in writing of the Consent Holder, during a period of 4 years from the date this consent takes effect.

This consent is issued and takes effect on the 23rd day of October 2006

Signed .....

.....  
Team Leader Regulatory Water Quality

Asiantaeth yr Amgylchedd Cymru

"Maes Newydd" Llandarsi, Nedd Port Talbot, SA10 6JQ  
Ffon: 01792 325500 Ffacs: 08708 506506

Environment Agency Wales

"Maes Newydd", Llandarcy, Neath Port Talbot, SA10 6JQ  
Tel: 01792 325500 Fax: 08708 506506



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<b>CONSENT NO.</b>	<b>BP0272601</b>
<b>SCHEDULE NO.</b>	<b>BP0272601 01</b>
<b>DATE ISSUED</b>	<b>23<sup>rd</sup> October 2006</b>

### CONDITIONS OF CONSENT TO DISCHARGE

**Treated Minewater Effluent ("the Discharge")**

**FROM: WHITWORTH 'A' TREATMENT SYSTEM**

1. (a) The Discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
- (b) Provided that the Discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by these conditions.

#### NATURE

2. The Discharge shall consist solely of Treated Abandoned Minewater from Whitworth 'A' constructed wetland system.

#### LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a wetland treatment system;
  - (b) discharging to Nant Gwenffrwd via a 300mm pipe;
  - (c) at National Grid Reference SS 7990 9710;
  - (d) shown marked 'Consent Point' on Plan BP0272601 attached as Annex 2.

Page 1 of 4

**Asiantaeth yr Amgylchedd Cymru**

"Maes Newydd" Llandarsi, Nedd Port Talbot, SA10 6JQ  
Ffon: 01792 325500 Ffacs: 08708 506506

**Environment Agency Wales**

"Maes Newydd", Llandarcy, Neath Port Talbot, SA10 6JQ  
Tel: 01792 325500 Fax: 08708 506506



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Environment  
Agency Wales

CONSENT NO.	BP00272601
SCHEDULE NO.	BP00272601 01

#### SAMPLE POINT

4. The outlet to the watercourse shall be constructed, maintained and appropriately labelled so that a representative sample of the Discharge may be obtained at National Grid Reference SS 7990 9710 as shown marked 'Consent Point' on Plan BP0272601.

#### VOLUME

5. The volume of the Discharge shall be related to rainfall
6. A flow measurement structure shall be provided and maintained to enable the daily flow rate of the Discharge to be measured or determined as required.

#### COMPOSITION

7. The Discharge shall not contain more than:
  - (b) a pH value less than 6.0 nor greater than 9.0 pH Units
8. The effluent treatment facility shall be maintained in an efficient operational manner at all times.
9. As far as is reasonably practicable, the site shall be operated so as to prevent:
  - (a) any matter being present in the Discharge, other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
  - (b) the Discharge from having any other adverse environmental impact.

#### MAINTENANCE

10. The treatment system shall be operated and maintained in accordance with good operational practice such that:

For the Settlement Lagoons:

- (a) all settlement lagoons shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.



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Environment  
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CONSENT NO.	BP00272601
SCHEDULE NO.	BP00272601 01

for the Reedbed:

- (b) ensure effective and even distribution of the minewater feed;
- (c) the minewater flow does not by-pass or short circuit within the Reedbed;
- (d) the discharge is collected and discharged at a single point;
- (d) the reedbed shall be maintained to prevent excessive weed growth;
- (e) the influent and effluent pipes shall be maintained in an efficient operational condition so as to minimise the probability of blockages or other failures;

#### RECORDING AND REPORTING

11. The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's Officers on request.
12. The Consent Holder shall supply the Agency with an annual written report confirming operation of the maintenance programme.
13. The Consent Holder shall, as soon as reasonably practicable, report all non-routine actions that may have adversely affected effluent quality.
14. The Consent Holder shall carry out the monitoring programme, attached as Annex 1, reporting as specified therein.
15. The Consent Holder shall report the results of the monitoring programme in the format and frequency as already agreed in writing with the Agency.



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CONSENT NO.	BP0272601
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## ANNEX 1

### MONITORING PROGRAMME

#### SAMPLE POINT

- (i) SN8364 0309 as shown marked 'Consent Point' on Plan **BP0272601** in Annex 2.

#### CHEMICAL DETERMINANDS AND FREQUENCIES

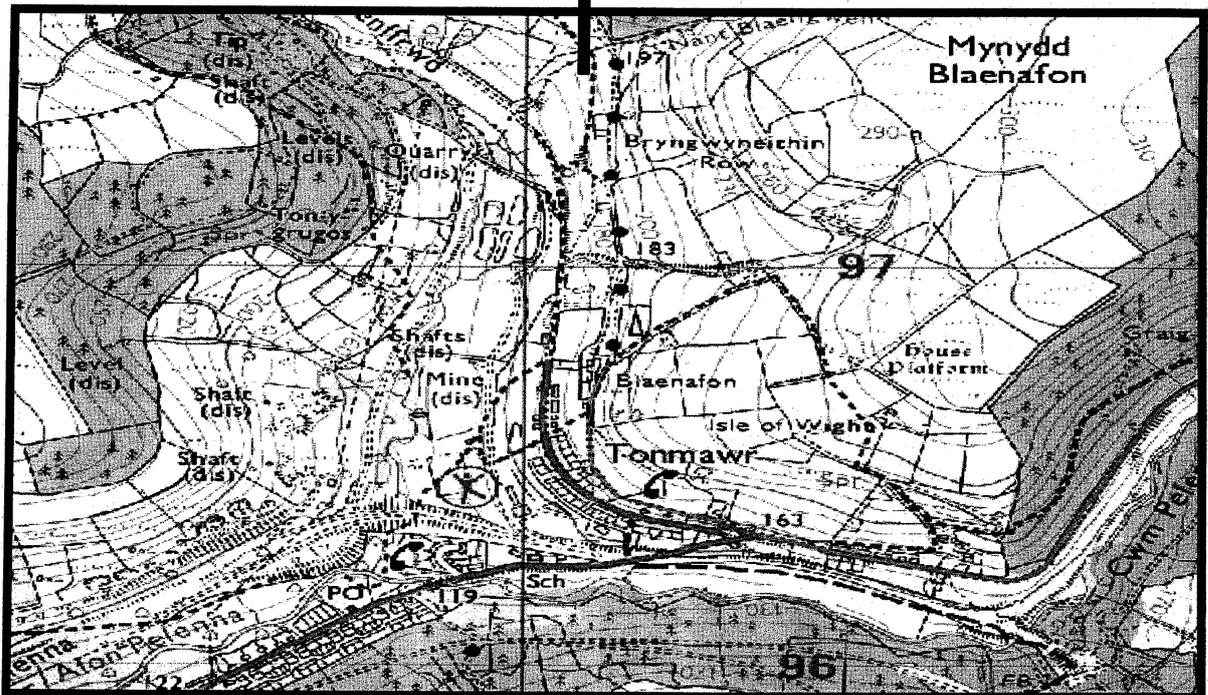
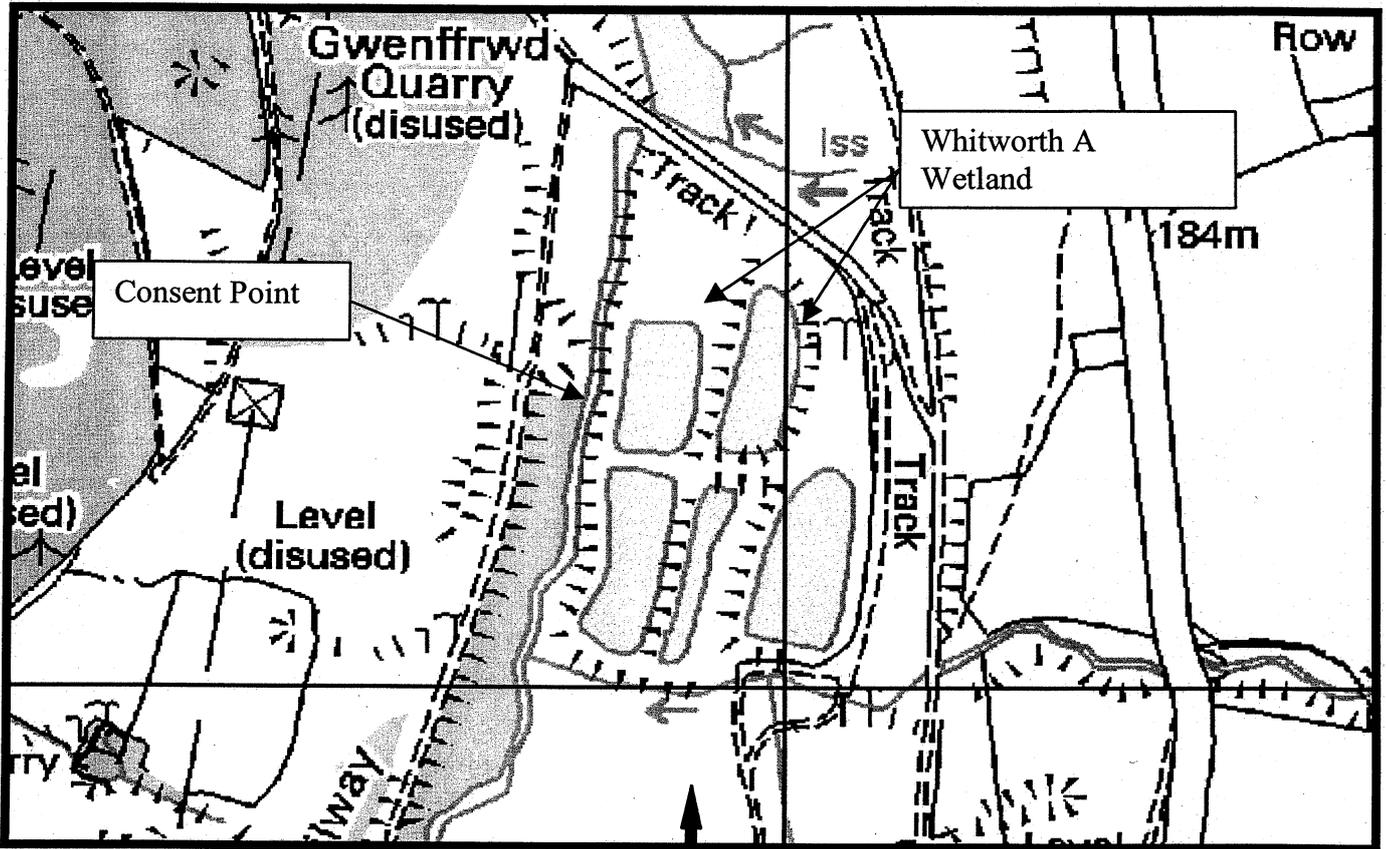
- (i) pH, as pH units
- (ii) Suspended solids @ 105°C
- (iii) Iron, total as Fe (Microgrammes per litre);
- (iv) Iron, dissolved as Fe (Microgrammes per litre);

The determinands listed above will be sampled monthly. Samples should only be taken under 'normal' operating conditions i.e. not during maintenance or emergency. The results of the monitoring shall be submitted to the Agency after a period of 12 months and 24 months.

A UKAS accredited laboratory shall be used in the analysis of the above determinands.



Annex 2:BP0272601  
Whitworth A Treatment System





**Consent Signing****DATE****INITIALS**

Consent checked by RSTL / <u>RO</u> / RS / SEO / EO / EMTL	8/11/06	mx.
Consent signed by officer specified under NFSoD		

**Area Customer Contact Authorisations Team**

Signed Consent Received by ACCAT		
Consent posted (NB. Recorded 1st class on date consent signed)		
If tidal, copied to Statutory Consultees		
If advertised, Representees advised of determination		
Copy of Consent placed on Public Register		
PCF, WIMS/PREMIS and a copy of consent sent to Data and GIS		

**Data and GIS**

Consent input to WIMS Database	Date _____	
Consent checked on WIMS Database	Date _____	
Input to CFD Database	Date _____	
Checked on CPR	Date _____	
Preview Number		
PCF and copy of consent to Monitoring and Data		

**Monitoring and Data Team**

Received by Monitoring and Data.		
Set up sample point in WIMS		
Add sampling point in PREMIS		
Check determinands against consent/WIMS/PREMIS		
Associate Sample point on WIMS to consent details		
Pass hard copy consent to EM team leader		
Initiate Monitoring	Date _____	
Checked on	Date _____	
PCF form sent to Regulatory Support Team		
PCF form received by Regulatory Support Team		
PCF on Working Folder		

# Request for Sample Point Creation

Please complete white boxes and forward to Monitoring and Data Team \*Please delete as appropriate

<b>Requested By</b>	Mathew Griffiths	<b>Phone Ext'n Number</b>	7-26-55 <u>52</u>		
<b>Team</b>	<b>WQRT</b>	<b>Date Request Made</b>	13 / 11 / 06		
<b>SPT Number</b>	(Completed by M&D)	<b>Sampling NGR (10-fig)</b>	<u>S</u> <u>S</u> <u>7</u> <u>9</u> <u>9</u> <u>0</u> <u>0</u> <u>9</u> <u>7</u> <u>1</u> <u>0</u> <u>0</u>		
<b>Short Name (30-chars max)</b>	Whitworth 'A'				
<b>Full Description (150-chars max)</b>	Whitworth A Treatment System Tonmawr Neutr				
<b>Is SPT associated to a Consent? (If yes, fill in consent details overleaf)</b>					<b>YES</b>
<b>Postal Address for Sample Analysis Reports</b>					
<b>Contact Name / Company (30-chars max)</b>	The Director, Neutr Port Talbot Council				
<b>Address (30-chars max) (5 rows or 4 if name AND company given)</b>	Neutr Port Talbot Council Tonmawr Neutr				
<b>Postcode</b>	SA11 3QZ	<b>Country</b>	WALES		
<b>Area (i.e. SE)</b>	SW	<b>Default material</b>	S222	<b>Active</b>	<b>YES/NO*</b>
<b>SPT Type</b>	BK	<b>Location</b>	L	<b>Flow Class</b>	Rainfall dependent
<b>Lab Ref Type</b>		<b>Unitary Auth.</b>	Neutr Port Talbot		
<b>Comments</b>					

If you have any queries as to how to fill parts of this form in, please contact Sarah Atkinson (Monitoring and Data Officer). All the codes can be found on WIMS under Monitoring ⇒ Geographical ⇒ Sampling Points. Tab to the relevant field, and press F9 followed by the 'Home' key to get a list of values.

Please complete other side

**Request for Consent Conditions Creation / Amendment / Deletion \***

Consent ID	BP0272601	Version		Outlet No.		Release No.	
Effective Date (if known)	/ / As per issue date		Tick box if SPT is an Upstream or Comparative SPT				
Determinand	Det Code	Value	Qualifier				
PH	0061	6 - 9	PH units				

**Request for inclusion in Monitoring Programme**

Purpose Code(s)	
Route Name(s)	
ARG(s)	
Frequency	

**Monitoring and Data Section Use Only**

Request received		SPT associated with WIMS consent	
H&S Risk Assessment completed		Added to Route/Mon Prog	
WIMS SPT updated		Requesting Officer informed	
Link SPT to Area in MIDAS		Copy form to Lesley for COMA update	

Last modified: 16<sup>th</sup> November 2005 (TJW)

Please complete other side