

CONSENT NO.

BP0310201



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

**WATER RESOURCES ACT 1991**

**SECTION 88 - SCHEDULE 10**

**(AS AMENDED BY THE ENVIRONMENT ACT 1995)**

**CONSENT TO DISCHARGE**

**TO:** The Chief Executive  
The Coal Authority  
200 Lichfield Lane  
Mansfield  
Nottinghamshire NG18 4RG

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 Abandoned Minewater

**FROM:** Corrwg Minewater Treatment System (West Bank)

**AT:** Glyn Corrwg

**TO:** Afon Corrwg

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

Treated Abandoned Minewater: Schedule No. BP0310201 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 8<sup>th</sup> day of September 2004

Signed .....

Team Leader Regulatory Water Quality

Asiantaeth yr Amgylchedd Cymru

"Maes Newydd" Llandarsi, Nedd Port Talbot, SA10 6JQ

Ffon: 01792 325500 Ffacs: 01792 325511

Environment Agency Wales

"Maes Newydd", Llandarcy, Neath Port Talbot, SA10 6JQ

Tel: 01792 325500 Fax: 01792 325511



<b>CONSENT NO.</b>	<b>BP0310201</b>
<b>SCHEDULE NO.</b>	<b>BP0310201 01</b>
<b>DATE ISSUED</b>	<b>8/9/04</b>

## **CONDITIONS OF CONSENT TO DISCHARGE**

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

**FROM:** Corrwg Minewater 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 Corrwg Minewater Treatment Scheme.

### **LOCATION**

3. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a velocity reduction Chamber;
  - (b) discharging to Afon Corrwg via 300mm Culvert;
  - (c) at National Grid Reference SS 8854 9969;
  - (d) shown marked 'Consent Point' on Plan BP0310201 attached as Annex 2.

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#### 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 SS 8854 9969 as shown marked 'Consent Point' on Plan BP0310201.

#### VOLUME

5. The volume of the Discharge shall not exceed 4,675 cubic metres per day.
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 have 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.



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### 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.

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;
- (c) 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.

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Agency Wales**

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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## ANNEX 1

### MONITORING PROGRAMME

#### SAMPLE POINT

- (i) SS 8854 9969 as shown marked 'Consent Point' on Plan **BP0310201** in Annex 2.

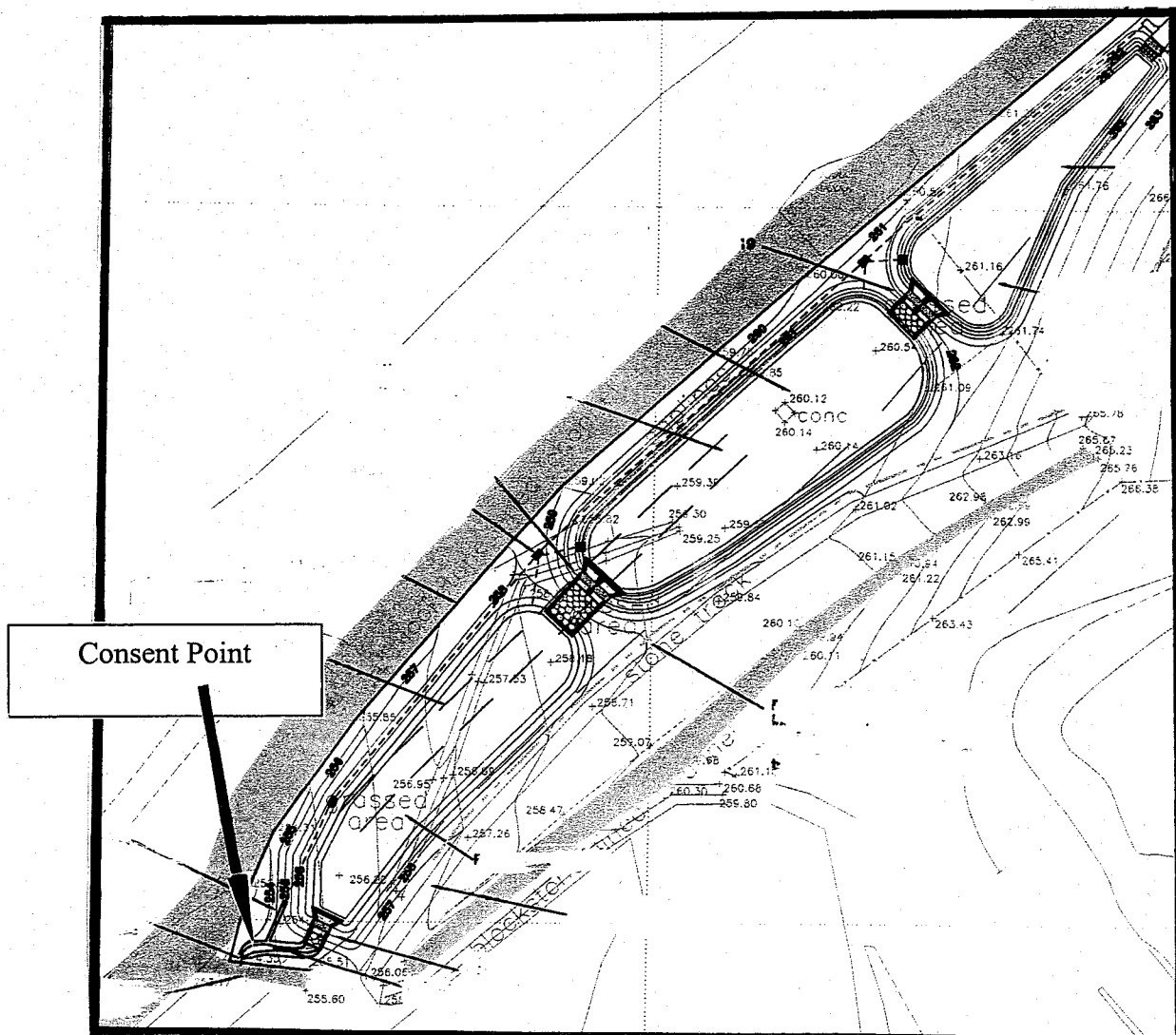
#### CHEMICAL DETERMINANDS AND FREQUENCIES

- (i) pH, as pH units
- (ii) Suspended solids @ 105°C
- (iii) Conductivity @ 20°C
- (iv) Calcium as Hardness Calcium
- (v) Magnesium as Hardness Magnesium
- (vi) Sodium as Na
- (vii) Potassium as K
- (viii) Chloride as Cl
- (ix) Bicarbonate
- (x) Ammonia as N
- (xi) Aluminium, total as Al (Microgrammes per litre);
- (xii) Iron, total as Fe (Microgrammes per litre);
- (xiii) Iron, dissolved as Fe (Microgrammes per litre);
- (xiv) Manganese, total as Mn (Microgrammes per litre);
- (xv) Manganese, dissolved as Mn (Microgrammes per litre);
- (xvi) Sulphate, total as SO<sub>4</sub> (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.

## An aerial photograph of a coastal area, likely a river delta or estuary. The image shows a complex network of waterways and land. A label 'Consent Point' is placed in a white box, with a line pointing to a specific location on the shoreline. The image is in black and white, with high contrast.







**Ein cyf/Our ref.** 2/CS/LL/BP0310201  
**Eich cyf/Your ref.** 86/5001064/62-25/L\_255NAW



**ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES**

**Dyddiad/Date:** 17 September 2004

Mr Tim Sawyer  
The Coal Authority  
200 Litchfield Road  
Mansfield  
Nottingham  
NG18 4RG

Dear Mr Sawyer,

**RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE OTHER MATTER EFFLUENT AT CORR WG MINEWATER TREATMENT SYSTEM (WEST BANK), GLYN CORR WG BY THE COAL AUTHORITY.  
APPLICATION NO.BP0310201**

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 other matter effluent from Corrwg Minewater Treatment System (West Bank) at Glyn Corrwg.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. The charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet.

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, Nedd Port Talbot, SA10 6JQ  
Ffon: 08708 506 506, Ffacs: 01792 325511

**Environment Agency Wales**  
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ  
Tel: 08708 506 506, Fax: 01792 325511



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. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

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**

Enc.

**Asiantaeth yr Amgylchedd Cymru**  
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ  
Ffon: 08708 506 506, Ffacs: 01792 325511

**Environment Agency Wales**  
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ  
Tel: 08708 506 506, Fax: 01792 325511



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

Ein cyf/Our ref. 2/CS/LL/BP0310201  
Eich cyf/Your ref.

Dyddiad/Date: 17 September 2004

Mr Adrian Fox  
WS Atkins Consultants Ltd  
The Axis  
10 Holliday Street  
Birmingham  
West Midlands  
B1 1TF

Dear Mr Fox,

Please find attached a copy of the new Consent to Discharge (issued 8 September 2004, Schedule No. BP0310201) and covering letter posted to your client, Mr Tim Sawyer of The Coal Authority, for the discharge of Other Matter effluent at Corrwg Minewater Treatment System (West Bank).

Yours sincerely

**L LEWIS**  
**Authorisations Officer**

Please ask for: **Lynne Lewis ext. 5578**

Enc.

Asiantaeth yr Amgylchedd Cymru  
Maes Newydd, Llandarsi, Nedd Port Talbot, SA10 6JQ  
Ffon: 08708 506 506, Ffacs: 01792 325511

Environment Agency Wales  
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ  
Tel: 08708 506 506, Fax: 01792 325511





# Water Resources Act 1991

as amended by the Environment Act 1995



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AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

## Consents to Discharge

### Certificate of Holder

#### Part A

To: **THE COAL AUTHORITY**  
**THE CHIEF EXECUTIVE**  
**200 LICHFIELD LANE**  
**MANSFIELD**  
**NOTTINGHAMSHIRE NG18 4RG**

NB: For a body corporate the job title is a point of contact.

Holder Start Date : 08 September 2004

The Environment Agency ("the Agency") hereby confirm that the above named person (or organisation) is a / the registered Holder of the Consent : BP0310201 Consent Issued : 08 September 2004

Nature of Discharge(s) **TMWC Mine Water**  
at **SS8854099690 CORR WG MINEWATER TREATMENT SYSTEM**

*Note : This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else, you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the Holder but the registration of Holder may be transferred to a successor. To do this, please complete the form below (Part B), then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you will still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries, please contact your local Environment Agency office, quoting the Consent Reference.*

----- cut here -----

#### Part B

Please complete in block capitals or type

To: **Water Resources Act 1991 : Notice of transfer of Consent to Discharge**

Consent Reference : **BP0310201**

Name : **THE COAL AUTHORITY**

Consent Issued : **08 September 2004**

Address : **THE CHIEF EXECUTIVE**

**200 LICHFIELD LANE**

**MANSFIELD**

**NOTTINGHAMSHIRE NG18 4RG**

I / We\* hereby serve notice on the Agency that I / we\* am / are\* no longer a / the\* Holder of the above consent which will be / was\* transferred to :

\* delete as appropriate

Name(s) of the new Holder(s) :

Post Code :

Date of Transfer to new Holder(s) .....

Signed : .....

Dated : .....

Name (block capitals) : .....

Postion (if appropriate) : .....

(to be completed when signing on behalf of corporate bodies)

**Deddf Adnoddau Dwr 1991**  
*fel y'i diwygiwyd gan Ddeddf yr Amgylchedd 1995*



**ASiantaeth yr  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES**

**Caniatâd Gollwng**

**Tystysgrif Daliwr**

**Rhan A**

**At : THE COAL AUTHORITY  
THE CHIEF EXECUTIVE  
200 LICHFIELD LANE  
MANSFIELD  
NOTTINGHAMSHIRE NG18 4RG**

*DS: I gorfforaeth gorfforedig mae teitl y swydd yn bwynt cysylltu.*

**Dyddiad Cychwyn y Daliwr : 8 Medi 2004**

*Mae Asiantaeth yr Amgylchedd ("yr Asiantaeth") yn cadarnhau drwy hyn mai / bod y sawl (neu sefydliad) a enwyd uchod yw / yn ddaliwr cofrestredig y caniatâd : BP0310201 Cyhoeddwyd y Caniatâd : 8 Medi 2004*

**Natur y Gollyngiad(au) : TMWC Dwr mwyngloddiau**

**yn SS8854099690 CORR WG MINEWATER TREATMENT SYSTEM**

*Noder : Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb am y gollyngiad i rywun arall, rhaid i chi drosglwyddo'r caniatâd iddo ef neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. Ni all y Daliwr wadu cyfrifoldeb am y caniatâd, ond gall cofrestriad y Daliwr gael ei drosglwyddo i olynydd. I wneud hynny, byddwch gystal â llenwi'r ffurflen isod (Rhan B), yna'i dychwelyd i'r cyfeiriad a nodir. Os fethwch â throsglwyddo'r caniatâd, hyd yn oed os nad ydych ar y safle mwyach, gallwch gael eich erlyn am achosi llygredd. Os trosglwyddwch y caniatâd ond heb ddweud wrthym, yna byddwch yn cyflawni trosedd. Os bydd gennych unrhyw ymholiadau a fydddech gystal â chysylltu â'ch swyddfa Asiantaeth yr Amgylchedd lleol, gan ddyfynnu Cyfeirnod y Caniatâd.*

----- -torrwrch yma - -----

**Rhan B**

*Llenwch mewn priflythrennau bras neu deipio*

**At : Deddf Adnoddau Dwr 1991 : Hysbysiad am drosglwyddo Caniatâd Gollwng**

**Cyfeirnod y Caniatâd : BP0310201**

**Enw : THE COAL AUTHORITY**

**Cyhoeddwyd y 8 Medi 2004**

**Cyfeiriad : THE CHIEF EXECUTIVE**

**Caniatâd :**

**200 LICHFIELD LANE**

**MANSFIELD**

**NOTTINGHAMSHIRE NG18 4RG**

*Yr wyf fi / Yr ydym ni\* drwy hyn yn hysbysu'r Asiantaeth nad fi / ni mwyach yw\* Daliwr / Deiliaid y caniatâd uchod a fydd yn cael / cafodd ei drosglwyddo i*

*\* dilêr fel yn briodol*

**Enw(au) y Daliwr / Deiliaid newydd :**

**Côd Post :**

**Dyddiad Trosglwyddo i'r Daliwr / Deiliaid newydd :** .....

**Llofnodwyd :** .....

**Dyddiedig :** .....

**Enw (priflythrennau bras) :** .....

**Swydd (os yn briodol) :** .....

*(i'w llenwi pan yn llofnodi ar ran corfforaethau corfforedig)*

BP0310201

# The COAL AUTHORITY



200 Lichfield Lane  
Berry Hill  
Mansfield  
Nottinghamshire  
NG18 4RG

*This matter is being dealt with by  
S. Widdowson. Tel: 01623 638219  
E-Mail: stuartwiddowson@coal.gov.uk*

Tel: 01623 427162  
Fax: 01623 621955

Our Ref: CA8/G284

9th November 2004

Mr S Bonwick  
Register Officer  
The Environment Agency  
Cumbria House  
29 Newport Road  
Cardiff  
CF24 0TP

Dear Mr Bonwick

**Corrwg Minewater Treatment System**  
**Discharge Consent BP0310201**

I refer to your letter ref: WQ/PPC/522/Transfer and note that the discharge description relates to sewage effluent; unfortunately this is incorrect as the system treats minewater, and as such I believe that the description should read 'Treated abandoned minewater effluent.'

I look forward to receiving your views on this matter in due course. If you need any further assistance please give me a call on 01623 638219.

Yours sincerely

Stuart Widdowson  
Project Manager

WIMS 11/11/04.

CFD NO. Action Log

