

6w/F
creu lle gwell
creating a better place



Asiantaeth yr
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. 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, Llandarcy,
Castell-Nedd Port Talbot, SA10 6JQ
Llinell gwasanaethau cwsmeriaid: 08708 506 506
Epost: enquiries@environment-agency.gov.uk
www.asiantaeth-amgylchedd.cymru.gov.uk

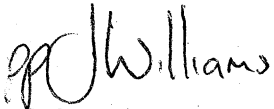
Environment Agency Wales
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ
Customer services line: 08708 506 506
Email: enquiries@environment-agency.gov.uk
www.environment-agency.wales.gov.uk



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 NO.

BP0272501

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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 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: GWENFFRWD & WHITWORTH 'B' TREATMENT SYSTEM

AT: TONMAWR, NEATH

TO: NANT GWENFFRWD

SUBJECT TO the conditions set out in the following schedule(s):

TREATED MINEWATER

Schedule No. BP0272501 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, Llandarcy, Nedd, Port Talbot, SA10 6JQ Ffon 08708 506506, Ffacs 01792 325511

Environment Agency Wales
Maes Newydd, Llandarcy, Neath Port Talbot SA10 6JQ, Tel 08708 506506, Fax 01792 325511



CONSENT NO.	BP0272501
SCHEDULE NO.	BP0272501 01
DATE ISSUED	23rd October 2006

CONDITIONS OF CONSENT TO DISCHARGE

TREATED MINEWATER ("the Discharge")

FROM: GWENFFRWD & WHITWORTH 'B' 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 minewater which has passed through the Whitworth B and Gwenffrwd constructed wetland treatment system.

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 300mm diameter pipe;
 - (b) discharging to the Nant Gwenffrwd;
 - (c) at National Grid Reference SS 7990 9700;
 - (d) shown marked 'Consent Point' on Plan BP0272501 attached as Annex 2.

SAMPLE POINT

4. The outlet to the watercourse shall be constructed, maintained and appropriately labelled at National Grid Reference SS 7990 9700, as shown marked 'Discharge Point' on Plan BP0272501, so that a representative sample of the Discharge may be obtained.

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SCHEDULE NO.	BP0272501 01

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.

MAINTENANCE

9. As far as is reasonably practicable, the treatment system shall be operated so as to prevent:
 - (a) any matter being present in the Discharge 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.
10. The treatment system shall be operated and maintained in accordance with good operational practice such that:

For the Settlement Lagoon

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

CONSENT NO.	BP0272501 01
SCHEDULE NO.	BP0272501 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;
 - (e) the reedbed shall be maintained to prevent excessive weed growth;
 - (f) the influent and effluent pipes shall be maintained in an efficient operational condition so as to minimise the probability of blockages or other failures;
11. The treatment system shall be operated and maintained such that, unless agreed in writing with the Agency, it remains fully operational except at times of unavoidable physical damage, which shall be attended to, and the Agency informed of the failure, within 5 working days.

RECORDING AND REPORTING

12. 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.
13. The Consent Holder shall supply the Agency with an annual written report confirming operation of the maintenance programme
14. The Consent Holder shall, as soon as reasonably practicable, report all non-routine actions that may have adversely affected effluent quality.
15. The Consent Holder shall carry out the monitoring programme as already agreed in writing with the Agency.

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SCHEDULE NO.	BP0272501 01

ANNEX 1

MONITORING PROGRAMME

SAMPLE POINT

- (i) SS 7990 9700 as shown marked 'Consent Point' on Plan **BP0272501** in Annex 2.

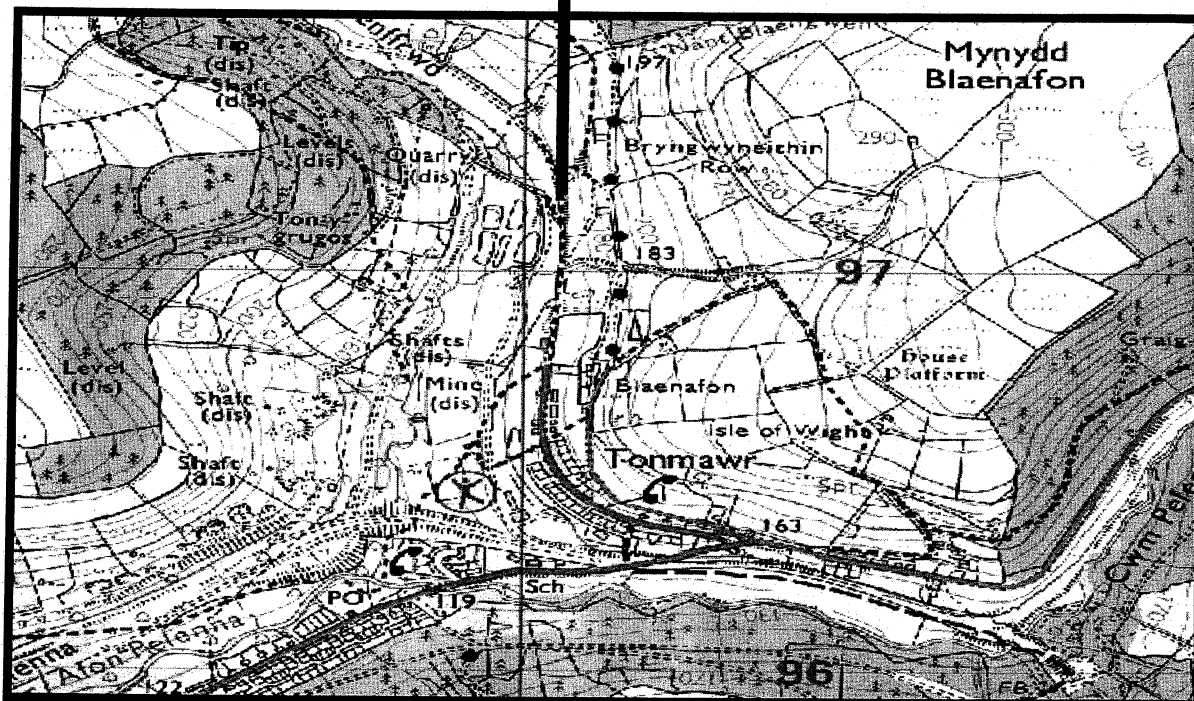
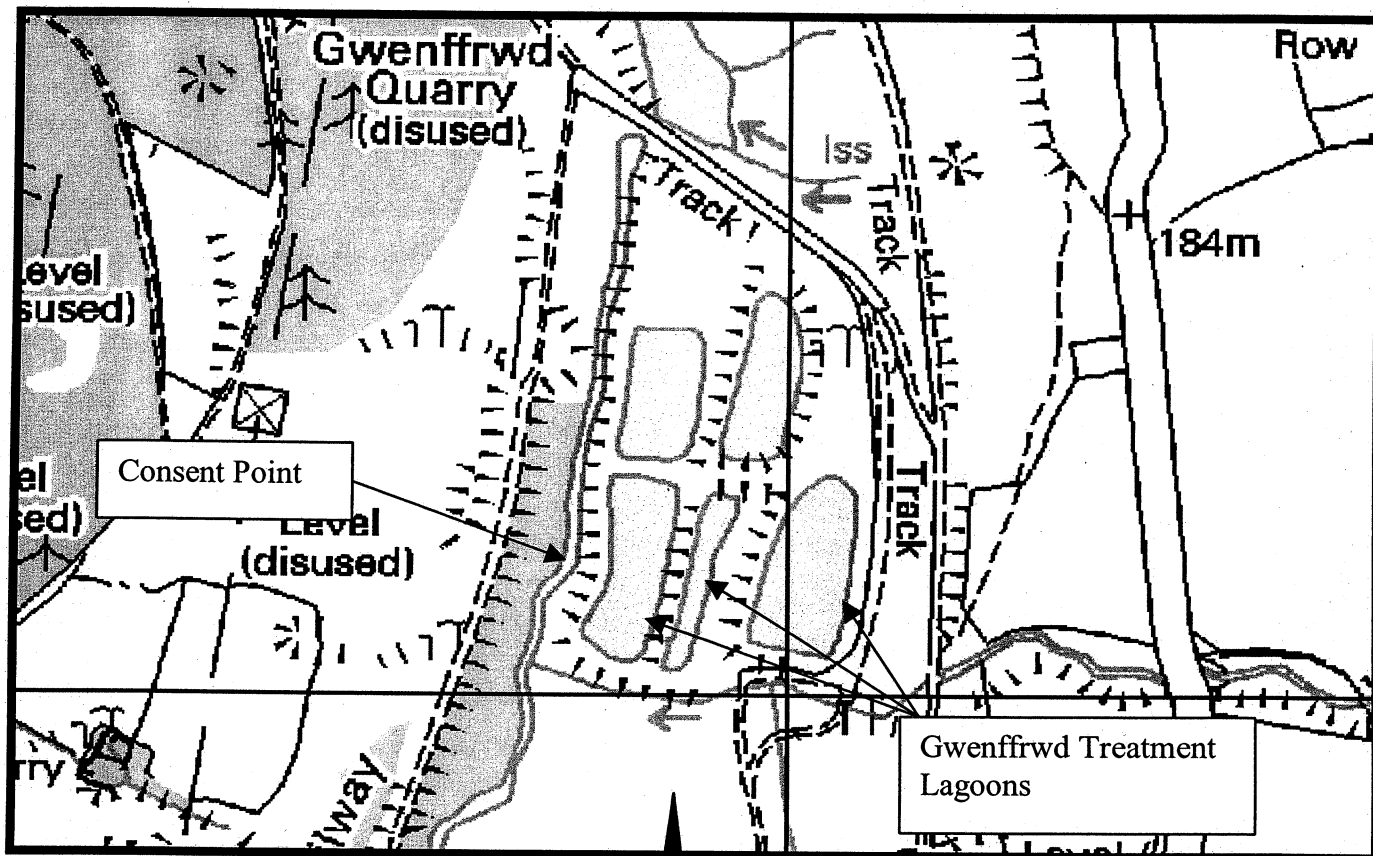
CHEMICAL DETERMINANDS AND FREQUENCIES

- (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:BP0272501
Gwenffrwd Treatment System



Consent to discharge Water quality



Environment
Agency

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

Certificate of holder

Consent number

BP0272501

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 3QZ

Telephone in case of queries

Discharge details

Type

TREATED MINERWATER

Location

GWENFHRWD + WHITWORTH 'B' 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.

DISCHARGE CONSENT PROGRESS CHECKING FORM (PCF)

Appl./Consent No.	BP 6272501/	Date Received		Is Consent Under Appeal?	Y / N
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Area Customer Contact Authorisations Team (ACCAT)

DATE

INITIALS

Application for New/Variation/Modification/Revocation (delete as appropriate) Consent Received			
Further Fee Required?	<u>YES</u> / NO		
Full Fee Received			
Passed to RST/Environment Management (1, 2, 3, 4, 5)			

Determining Officer (Regulatory Support Team (RST) / Environment Management (EM))

Received by RST/ Environment Management																											
Forwarded to RST/ Environment Management																											
Delegated to (Determining Officer)																											
Further Info. Required?	YES/NO																										
Schedule 10 Info Received Enter new Relevant date																											
ACCAT advised advertising required	YES/NO																										
Confirmation received from ACCAT of placing of advert																											
ACCAT advised internal consultation required	YES/NO																										
SSSI / SAC / SPA (circle)	EN/CCW/NP Contacted																										
Internal Consultee date responses received	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">WR</td> <td style="width: 10%;"></td> <td style="width: 10%;">EAT</td> <td style="width: 10%;"></td> <td style="width: 10%;">FD</td> <td style="width: 10%;"></td> <td style="width: 10%;">CRN</td> <td style="width: 10%;"></td> <td style="width: 10%;">FM</td> <td style="width: 10%;"></td> <td style="width: 10%;">EM</td> <td style="width: 10%;"></td> </tr> <tr> <td colspan="12"></td> </tr> </table>	WR		EAT		FD		CRN		FM		EM															
WR		EAT		FD		CRN		FM		EM																	
Other Internal Consultees																											
External Consultee date responses received	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Sea Fish</td> <td style="width: 10%;"></td> <td style="width: 10%;">CEFAS</td> <td style="width: 10%;"></td> <td style="width: 10%;">NAW</td> <td style="width: 10%;"></td> <td style="width: 10%;">H. Auth'</td> <td style="width: 10%;"></td> <td style="width: 10%;">CCW/EN</td> <td style="width: 10%;"></td> <td style="width: 10%;">NP</td> <td style="width: 10%;"></td> </tr> <tr> <td colspan="12"></td> </tr> </table>	Sea Fish		CEFAS		NAW		H. Auth'		CCW/EN		NP															
Sea Fish		CEFAS		NAW		H. Auth'		CCW/EN		NP																	
Other External Consultees																											
Referred to Process	YES/NO																										
QA Process initiated	RST/PROCESS																										
Please give reasons																											
Response received from Process	RST/EM																										
Determination to be extended?	YES/NO																										
Date extended to: _____																											
REASON FOR EXTENSION:																											
Monitoring Amendment Required	<u>Yes</u> / No																										
No of Samples / Inspections required by policy																											
No of Samples / Inspections planned to be taken																											
SPT description & H&S forms completed, sent to monitoring/Data																											
Determination Document completed (including cost benefit)																											
Dangerous Substance present in Discharge	Yes / No																										
Location of discharge	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">England</td> <td style="width: 50%;">Wales</td> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	England	Wales		<input checked="" type="checkbox"/>																						
England	Wales																										
	<input checked="" type="checkbox"/>																										
Charging Bands: Volume <u>1.0</u> Content <u>0.5</u> Rec. Water <u>1.0</u>	8/11/06		m																								
Effective Credit Date <u>Date of Issue</u>	8/11/06		m																								

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

Consent checked by RSTL <u>(RØ)</u> / RS / SEO / EO / EMTL	8/11/06	u.
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

Requested By	Matthew Gm/Gtho		Phone Ext'n Number	7-26-55 <u>52</u>	
Team	WQRT	Date Request Made	13 / 11 / 06		
SPT Number	(Completed by M&D)	Sampling NGR (10-fig)	<u>S</u> <u>5</u> <u>7</u> <u>9</u> <u>9</u> <u>0</u> <u>0</u> <u>9</u> <u>7</u> <u>0</u> <u>0</u> <u>0</u>		
Short Name (30-chars max)	Gwenfrowd + Whitworth 'B'				
Full Description (150-chars max)	Gwenfrowd + Whitworth 'B' mine water Treatment				
Is SPT associated to a Consent? (If yes, fill in consent details overleaf)				YES	
Postal Address for Sample Analysis Reports					
Contact Name / Company (30-chars max)	The Director North Port Talbot Council				
Address (30-chars max) (5 rows or 4 if name AND company given)	North Port Talbot Council CNIC Centre Neath				
Postcode	SA11 3 2Z	Country	WALES		
Area (i.e. SE)	SW	Default material	SZ22	Active	YES / NO*
SPT Type	BK	Location	I	Flow Class	Random dependent
Lab Ref Type		Unitary Auth.	North Port Talbot		
Comments					

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	B10272501	Version		Outlet No.		Release No.	
Effective Date (if known)	1 / 1 /		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: 16th November 2005 (TJW)

Please complete other side