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Amgylchedd Cymru
Environment
Agency Wales

| | |
|-------------|-----------|
| CONSENT NO. | CG0134001 |
|-------------|-----------|

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dŵr Cymru Cyf.
Pentwyn Road
Nelson
Treharris
Mid Glamorgan CF46 6LY



CG0134001_2006_03_01

In pursuance of an application by the consent holder for variation of consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY VARIES ITS CONSENT** to the making of a discharge **OF SEWAGE EFFLUENT** as follows:

Secondary-treated sewage effluent incorporating the requirements of the Urban Waste Water Treatment Regulations (UWWTR) 1994

with respect to Consent No. CG0134001 issued on the 31st March 2005

FROM: Waunfawr Wastewater Treatment Works

AT: Waunfawr, Caernarfon, Gwynedd LL55 4AX

TO: the Afon Gwyrfai

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

Secondary-Treated Sewage Effluent

Schedule No. CG0134001 01

UWWT Regulations 1994

Schedule No. CG0134001 01/U

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, which alters the effect of variations made to this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this variation is issued.

This variation of consent is issued on the 8th December 2005

This variation of consent is effective from the 31st December 2005

Signed *Iwan Williams*

IWAN WILLIAMS

Regulatory Water Quality Team Leader



| | |
|---------------------|-------------------------------------|
| CONSENT NO. | CG0134001 |
| SCHEDULE NO. | CG0134001 01 |
| DATE ISSUED | 8th December 2005 |

CONDITIONS OF CONSENT TO DISCHARGE

Secondary-Treated Sewage Effluent ("the Discharge")

**FROM: Waunfawr Wastewater Treatment Works, Waunfawr, Caernarfon,
Gwynedd, LL55 4AX**

NATURE

1. The Discharge shall consist solely of secondary-treated sewage effluent.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 525 millimetre diameter pipe;
 - (b) discharging to the Afon Gwyrfai;
 - (c) at National Grid Reference SH 52803 58902;
 - (d) shown marked 'Consent Point' on Plan CG0134001 attached as Annex 3.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SH 52856 58972, as shown marked 'Discharge Sample Point' on the Plan CG0134001 attached as Annex 3 or some other point as agreed in writing with the Agency, so that a representative spot sample of the Discharge may be obtained. The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown, that any sample of the Discharge taken at the said sampling point is a sample of what was being discharged into controlled waters.

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| SCHEDULE NO. | CG0134001 01 |

VOLUME

4. The volume of the Discharge shall not exceed 1242 cubic metres per day.
5. The Dry Weather Flow of the Discharge shall not exceed 387 cubic metres per day.

For the purpose of this condition Dry Weather Flow shall mean the average daily flow to the treatment works during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.

6. The rate of discharge shall not exceed 14.4 litres per second.

FLOW MEASUREMENT

7. A continuous flow measurement and recording system, to a specification provided by the Agency, shall be provided and operated to record the total daily volume and 15-minute instantaneous or integrated flow of sewage through the treatment works. An on-site visual display from which 15-minute integrated or instantaneous flow readings can be readily obtained by the Agency shall be provided and operated. The Consent Holder shall hold records of the flow readings.
8. As soon as practicable after completion of the flow system installation and subsequently on the expiry of any certificate issued, the Consent Holder shall employ an independent expert to certify that the installation and its quality management system complies with the Agency's specification. The independent expert shall be accredited to a competency scheme approved by the Agency. A copy of the certificate shall be sent to the Agency and the certifier's report shall be provided to the Agency on request. If a certificate issued for a flow system has no expiry date included then the certificate shall be deemed to expire five years after the issue date of the certificate.
9. The Consent Holder shall produce and maintain a documented quality management system, approved by the independent expert and to the satisfaction of the Agency, specifying procedures for the calibration, operation and maintenance of the flow measurement equipment. The flow measurement equipment shall be calibrated, operated and maintained by the Consent Holder in accordance with the provisions of the QMS. The Consent Holder shall keep a record of these procedures available for inspection by the Agency and provide a copy to the Agency on request.



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10. The Consent Holder shall record all failures of the continuous flow measurement system and any other breaks in the flow record. The reasons for all significant failures and breaks, which lead to missing or suspect data, and all steps taken to prevent a re-occurrence shall be recorded and details shall be provided to the Agency on request. A failure or break is significant for the purposes of this condition if it prevents the calculation of the total daily volume to the required level of uncertainty. The Consent Holder shall ensure that as far as possible the recorder remains fully operational at all times. Any failures shall be remedied as soon as possible.
11. Records of the flow readings or the reasons for any breaks in the record, as described in condition 10 above, shall be provided to the Agency when requested, in a format specified by the Agency.
12. Flows of sewage through the treatment works shall be measured in the channel before treatment NGR SH 52866 59002, or such other points as is agreed by the Agency.

COMPOSITION

13. (a) Subject to paragraph (b) below, the Discharge shall not contain more than;
 - (i) 40 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
 - (ii) 60 milligrammes per litre of suspended solids (measured after drying at 105°C).
 - (iii) 25 milligrammes per litre of ammoniacal nitrogen (expressed as N).
- (b) The limit for any of the relevant parameters set out in paragraph (a) above may be exceeded where, in any series of samples of the Discharge taken at regular but randomised intervals in any period of twelve consecutive months as listed in Column 1 of the table at Annex 1 to this consent, no more than the relevant number of samples, as listed in Column 2 of the said table, exceed the applicable limit for that relevant parameter.



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WORKS OPERATION

14. The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.

This condition does not require -

- (a) any higher standard to be achieved in relation to any characteristic of the discharge which is specifically regulated by condition 13 than is required by that condition;
- (b) any alteration of the works or a change in the type of treatment used.

UNUSUAL WEATHER

15. (a) No sample of the discharge, taken at a time when unusual weather conditions are adversely affecting the operation of the sewage treatment works, shall be taken into account in deciding whether or not conditions 13 and 14 of this consent schedule have been complied with.
- (b) For the purpose of this condition "unusual weather conditions" shall include:
- (i) low ambient temperatures as evidenced by effluent temperatures of 5°C or less, or by the freezing of mechanical equipment in the works;
 - (ii) significant snow deposits;
 - (iii) tidal or fluvial flooding;
 - (iv) weather conditions causing unforeseen loss of power supply to the sewage treatment which could not be ameliorated by the reasonable provision and operation of standby generation facilities.
- (c) On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the Consent Holder shall use its best endeavours to mitigate that adverse affect.



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| SCHEDULE NO. | CG0134001 01 |

- (d) For a sample of the discharge to be considered for the purposes of (a) above, the Consent Holder shall notify the Agency by telefax or telephone as soon as unusual weather conditions are known to have adversely affected operations and shall confirm the circumstances in writing as soon as possible thereafter (and in any event within 14 days of the occurrence of such conditions). That notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

RECORDING AND REPORTING

16. (a) 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 at all reasonable times.
- (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
17. The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change, in respect of Discharges from trade premises to the sewerage system, occurs that may increase or introduce into the effluent any "dangerous substance" included on Lists I, II, or Red List (set out in Annex 2 to this notice as updated by the Agency from time to time, and notified to the Consent Holder in writing), or any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

SUBSTANTIAL CHANGE

18. (a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
- (b) A discharge of trade effluent into the works is new if -
- (i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of effect of this consent; or



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- (ii) it is made by a third party and the discharge is authorised on or after that date.
- (c) A discharge of trade effluent into the works is altered if -
 - (i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after date of effect of this consent ; or
 - (ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
- (d) An increase in the polluting effects of the discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristics of the discharge which is specifically regulated by condition 13 of this consent schedule but it may be significant if it is caused by a change in some other characteristic of the discharge.
- (e) For the purposes of this condition “trade effluent” means -
 - (i) any discharge by the sewerage undertaker other than
 - (1) domestic sewage from premises connected directly or indirectly to the works; or
 - (2) surface water run-off;
 - (ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.

UNAUTHORISED DISCHARGE

- 19.
- (a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.
 - (b) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.



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- (c) Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under Section 87 of the Water Resources Act 1991.

START DATE

20. Until discharge is permitted under the terms of this consent, the quality of the effluent from Waunfawr Sewage Treatment Works shall be controlled under the terms of the consent issued on 31st March 2005. There shall be no discharge under the terms of this consent until the 31st December 2005 or the end of commissioning of the works which ever is the sooner. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge.

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| CONSENT NO. | CG0134001 |
| SCHEDULE NO. | CG0134001 01/U |
| DATE ISSUED | 8 th December 2005 |

CONDITIONS OF CONSENT TO DISCHARGE

Urban Waste Water Treatment Regulations 1994 ("the Discharge")

**FROM: Waunfawr Wastewater Treatment Works, Waunfawr, Caernarfon,
Gwynedd, LL55 4AX**

- U0** (a) The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ('the Regulations').
- (b) For the purpose of conditions U1 below, interpretations and references to a numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.
- U1** (a) The Discharge derives from an agglomeration with a population equivalent of less than 2,000 discharging to freshwaters.
- (b) The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.
- (c) The Discharge shall be subject to Regulation 5(7) and shall satisfy the requirements of Regulation 5 (8)(a).

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ANNEX 1

TABLE

Column 1

Number of samples
taken in any period
of 12 months

4-7
8-16
17-28
29-40
41-53
54-67
68-81
82-95
96-110
111-125
126-140
141-155
156-171
172-187
188-203
204-219
220-235
236-251
252-268
269-284
285-300
301-317
318-334
335-350
351-365

Column 2

Maximum number of
samples permitted to
exceed limit for given
determinand

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

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ANNEX 2

- | | |
|--|--|
| 1. Mercury and its compounds | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane compounds) | 4. Carbon tetrachloride(lindane and related compounds) |
| 5. DDT (the isomers of 1,1,1-trichloro-2,2 bis{p-chlorophenyl} ethane) | |
| 6. Pentachlorophenol (PCP) | 7. Aldrin |
| 8. Dieldrin | 9. Endrin |
| 10. Isodrin | 11. Hexachlorobenzene (HCB) |
| 12. Hexachlorobutadiene (HCBD) | 13. Chloroform |
| 14. Polychlorinated biphenyls | 15. Dichlorvos |
| 16. 1,2-Dichloroethane | 17. Trichlorobenzene |
| 18. Atrazine | 19. Simazine |
| 20. Tributyltin compounds | 21. Triphenyltin compounds |
| 22. Trifluralin | 23. Fenitrothion |
| 24. Azinphos-methyl | 25. Malathion |
| 26. Endosulfan | 27. Lead |
| 28. Chromium | 29. Zinc |
| 30. Copper | 31. Nickel |
| 32. Arsenic | 33. *Iron |
| 34. *pH if outside the range 5.5 to 9.0 | 35. *Boron |
| 36. Vanadium | 37. PCSD'S |
| 38. Cyfluthrin | 39. Sulcofuron |
| 40. Flucifuron | 41. Permethrin |
| 42. 4-Chloro-3-methyl-phenol | 43. 2-Chlorophenol |
| 44. 2,4-Dichlorophenol | 45. 2,4-D (ester) |
| 46. 2,4-D (non ester) | 47. 1,1,1-Trichloroethane |
| 48. 1,1,2-Trichloroethane | 49. Bentazone |
| 50. Benzene | 51. Biphenyl |
| 52. Chloronitrotoluenes | 53. Demeton |
| 54. Dimethoate | 55. Linuron |
| 56. MCPA | 57. Mecoprop |
| 58. Mevinphos | 59. Napthalene |
| 60. Omethoate | 61. Toluene |
| 62. Triazophos | 63. Xylene |
| 64. Cyanide | 65. Azinphos-ethyl |
| 66. Fenthion | 67. Parathion |
| 68. Parathion-methyl | 69. Trichloroethylene |
| 70. Tetrachloroethylene | 71. Dioxins |
| 72. PAHs | 73. Nonyl phenol |
| 74. Nonyl phenyl ethoxylate | 75. Di-ethylhexyl phthalate |
| 76. Bisphenol-A | 77. Diazinon |
| 78. Chlorfenvinphos | 79. Chlorotoluron |
| 80. Isoproturon | 81. Diuron |
| 82. Propetamphos | 83. Flumethrin |
| 84. Amitraz | 85. High-Cis Cypermethrin |
| 86. Cyromazine | 87. Deltamethrin |
| 88. Cypermethrin | |

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

*Notification to the Agency by the Consent holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ. Ffôn 08708 506 506, Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ. Tel 08708 506 506, Fax 01244 550144



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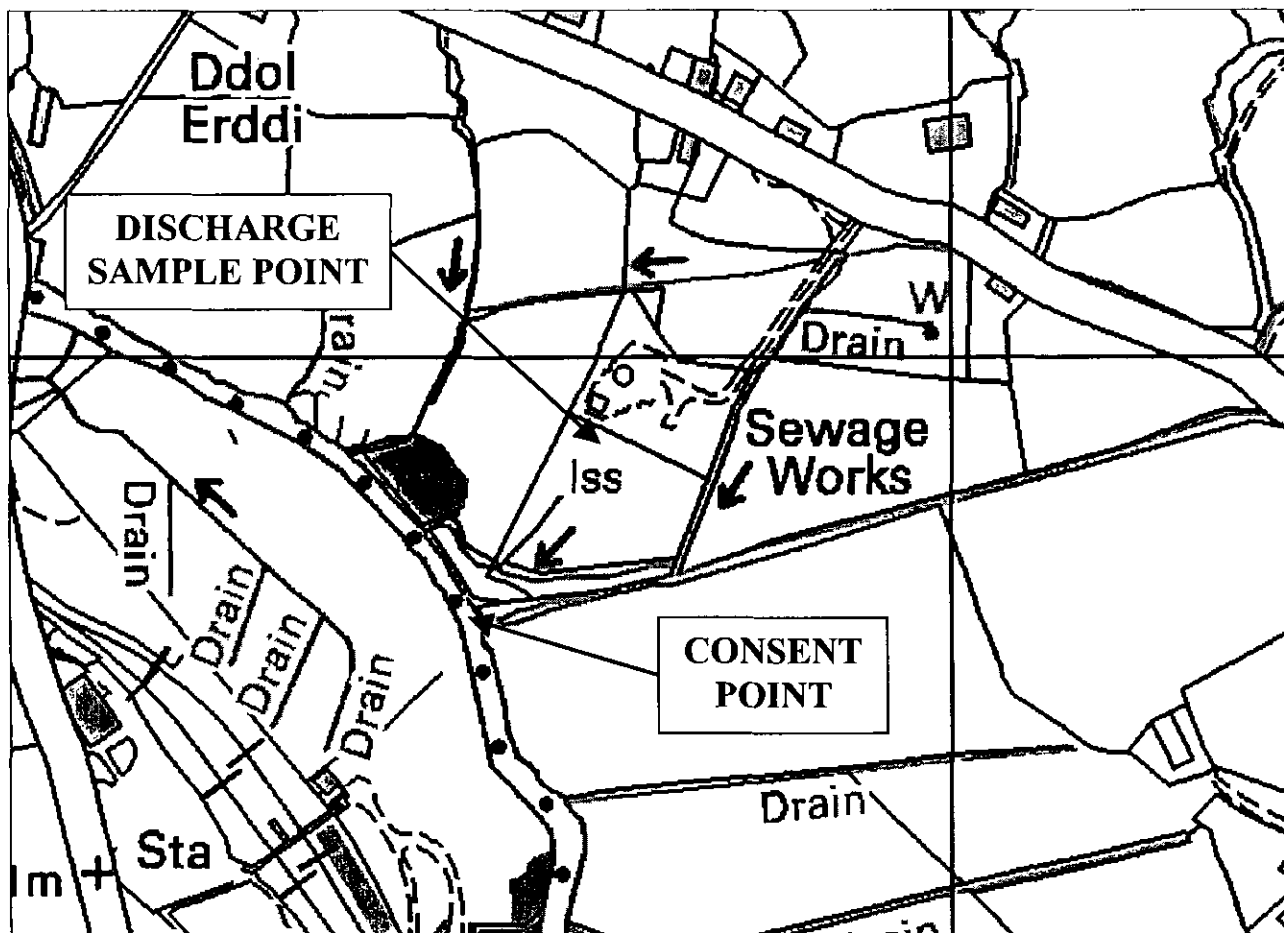
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| CONSENT NO. | CG0134001 |
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ANNEX 3

PLAN No CG0134001



NOT TO SCALE

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2003.

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Eich cyf/Your ref.

Ein cyf/Our ref. GK/RP/CG0134001

Enquiries Gillian Kusinski

Dyddiad/Date: 09th December 2005



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Environment
Agency Wales

Environment Quality Scientist
Dŵr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Dear Sir/Madam,

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE SEWAGE EFFLUENT FROM PREMISES AT WAUNFAWR WASTEWATER TREATMENT WORKS, WAUNFAWR, CAERNARFON, GWYNEDD. APPLICATION NO. CG0134001

Further to your application the Agency has decided that consent should be given subject to conditions. I enclose the Agency's formal consent to sewage effluent from Waunfawr Wastewater Treatment Works, Waunfawr, Caernarfon, Gwynedd.

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 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
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon08708 506 506, Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 08708 506 506, Fax 01244 550144

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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 Iwan Williams, Regulatory Team Leader (Water Quality), Environment Agency Wales, Chester Road, Buckley, Flintshire, CH7 3AJ.

Yours sincerely,

Rob Piggott
Customer Contact & Authorisations Officer

Enc. Consent to discharge

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 08708 506 506, Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 08708 506 506, Fax 01244 550144

gkP.R



Cyngor Cefn Gwlad Cymru Countryside Council for Wales

CADEIRYDD/CHAIRMAN: JOHN LLOYD JONES OBE
Anfonwch eich ateb at/Please reply to:

Seran Dolma
Ffon/Tel: 01248 672500 Ffacs/Fax: 01248 679259
Ebost/Email: s.dolma@ccw.gov.uk

PRIF WEITHREDWR/CHIEF EXECUTIVE: ROGER THOMAS

Swyddfa Rhanbarthol Gogledd Cymru
North West Regional Office
Llys y Bont
Ffordd y Parc
Parc Menai
BANGOR
Gwynedd
LL57 4BN

Vicky Matthews
Customer Contact & Authorisations Officer
Environment Agency Wales
Chester Road
Buckley
Flintshire
CH7 3AJ.

Our reference: SD/SH5280758907
Your ref: VM/GK/CG0134001/CG0134002

17 November 2005

Dear Vicky

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY DWR CYMRU FROM WAUNFAWR WWTW, WAUNFAWR, CAERNARFON, GWYNEDD, LL55 4AX

Application No: CG0134001/CG0134002

Thank you for your letter dated 26th October 2005.

The Countryside Council for Wales has considered your appendix 11 assessment of likely significant effect on a European Site, and concurs with your conclusion that the proposed works would be an improvement to the sewerage system currently serving this area. As such we have no further comments to make on this application.

Yours faithfully

P.P.

Seran Dolma
Conservation Officer
North Gwynedd



Gofalu am natur Cymru - ar y tir ac yn y môr • Caring for our natural heritage - on land and in the sea

Gofalu am natur Cymru - ar y tir ac yn y môr • Caring for our natural heritage - on land and in the sea

Prif Swyddfa/Headquarters

MAES-Y-FFYNNON, PENRHOSGARNEDD, BANGOR, GWYNEDD LL57 2DW FFÔN/TEL: 01248 385500 FFACS/FAX: 01248 355782



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AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for ~~new consent~~/variation to an existing consent* to discharge
(* delete as appropriate)

| | |
|---|---|
| Regional/Area Address: Discharge Consent Applications Environment Agency Wales Chester Road Buckley Flintshire CH7 3AJ | Official Use Only <i>Dist/Area Ref:</i> <i>Application No.</i> C-90134001 <i>Date Received:</i> 5-9-05 <i>Fee Received:</i> £772 |
|---|---|

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all relevant sections and provisions of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld (see note xiii).

1 SITE ADDRESS

1.1 Address or other sufficient description of land or premises to which this application applies.

Waunfawr WwTW
 Waunfawr
 Caernarfon
 Gwynedd

Post Code:

LL55 4AX

2 DETAILS OF DISCHARGE(S)

2.1 State the nature of the discharge(s) (see note i and ii) - tick one or more boxes as appropriate:

Sewage Effluent - volume of 5 cubic metres per day or less

☐

Sewage Effluent - volume greater than 5 cubic metres per day (**complete annexe 1**)

☐

Sewage Effluent discharged under storm or emergency conditions (**complete annexe 2**)

☒

Cooling Water (**complete annexe 3**)

☐

Trade Effluent (*including site drainage*) (**complete annexe 3**)

☐

Others (*please specify*)

☐

2.2 Please state the maximum quantity it is proposed to discharge in any one day

2870 m³/day

Briefly state how this figure was calculated (see note ii).

Figure is based upon 1 in 5 year storm event of 480 minute duration

2.3 a) Indicate proposed means of discharge - tick as appropriate and show on plan:
(for 1, 2 & 3 please state dimensions below)

1. Pipe

☒

4. Borehole

☐

7. Sub-Irrigation System

☐

2. Channel

☐

5. Well

☐

8. Combination of 6 & 7

☐

3. Culvert

☐

6. Soakaway

☐

9. Other (*please specify below*)

☐

525mm

b) National Grid Reference(s) of point(s) of discharge (see note iii).

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | H | 5 | 2 | 8 | 0 | 3 | 5 | 8 | 9 | 0 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

(please indicate on accompanying plans)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe and convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:

At the outlet

☐

At a manhole or sampling chamber

☐

Other (*please specify*)

At storm overflow weir

b) National Grid Reference(s) of sampling point(s) (if different from 2.3 b) above).

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | H | 5 | 2 | 8 | 6 | 9 | 5 | 9 | 0 | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

(please indicate on accompanying plans)

c) What flow measurement facilities will be provided (see note v)?
Please give details.

None

2.5 a) Type of Treatment Plant(s) to be used (*please specify make and model*) - tick as appropriate:

Septic Tank

☐

Package Sewage Treatment Works

☐

Other

☐

N/A

b) Will the treatment process involve the use of any chemicals (eg ferric salts, polyelectrolytes). If yes please give details.

Y/N

2.6 a) On what date do you anticipate the discharge will commence?

31/12/05

b) If you require the consent for a limited time period please give dates;

from:

/ /

to:

/ /

c) If the discharge is not continuous please detail the period/circumstances when it will occur.

When flows into works exceed 6DWF (14.4 l.s⁻¹) and CSO tank is full

2.7 a) Are there any existing consents for discharges from the premises (see note vi)?

Y/N

If yes, please give the reference numbers (Any further information should be given in Section 5.3).

Screened Storm Sewage Consent No CG013400401 dated 14th January 2003

b) Has any person had a Prohibition Notice serviced on them in respect of this site?

Y/N

If yes, please give the reference number.

3 SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

Gwynedd County Council

3.2 Please give details of the premises - tick as appropriate:

| | | | |
|---|--------------------------|----------------------------|-------------------------------------|
| 1. Single Dwelling | <input type="checkbox"/> | 6. Fish Farm | <input type="checkbox"/> |
| 2. Multiple Dwellings | <input type="checkbox"/> | 7. Mineral Workings | <input type="checkbox"/> |
| 3. Industrial Premises | <input type="checkbox"/> | 8. Water Services plc STW | <input checked="" type="checkbox"/> |
| 4. Vehicle Parking Area | <input type="checkbox"/> | 9. Water Supply | <input type="checkbox"/> |
| 5. Commercial Premises (please specify) | <input type="checkbox"/> | 10. Other (please specify) | <input type="checkbox"/> |
| <input type="text"/> | | <input type="text"/> | |

3.3 Please indicate source of the water supply - tick as appropriate:

- | | | | |
|--|-------------------------------------|---|--------------------------|
| 1. Well | <input type="checkbox"/> | 5. River (please give name below) | <input type="checkbox"/> |
| 2. Borehole | <input type="checkbox"/> | 6. Estuary (please give name below) | <input type="checkbox"/> |
| 3. Precipitation (eg rain or snow) | <input type="checkbox"/> | 7. Coastal Water (please give name below) | <input type="checkbox"/> |
| 4. Mains (please state water supply company) | <input checked="" type="checkbox"/> | | |

Dwr Cymru Welsh Water (DCWW)

4 DETAILS OF RECEIVING ENVIRONMENT

4.1 Receiving Medium - tick the category(s) to which the proposed discharge(s) is(are) to be made:

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | <input type="checkbox"/> | 5. Into Land | <input type="checkbox"/> |
| 2. River or Stream (non-tidal) | <input checked="" type="checkbox"/> | 6. Onto Land | <input type="checkbox"/> |
| 3. Canal | <input type="checkbox"/> | 7. Directly into Groundwater | <input type="checkbox"/> |
| 4. Lake, Lock or Pond | <input type="checkbox"/> | 8. Coastal Water (see note vii) | <input type="checkbox"/> |

State name of receiving water if known:

Afon Gwyrfa

4.2 In the case of sub-irrigation systems, soakaways or boreholes: **Not Applicable**

- (a) Is any part of the system within 5 metres of the boundary of the premises? ☐ Y/N
- (b) Is any part of the system within 10 metres of a watercourse? ☐ Y/N
- (c) Is any part of the system within 50 metres of a borehole or spring? ☐ Y/N
- (d) For wells and boreholes state dimension(s) in metres. ☐ N/A m
- (e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres. ☐ N/A m
- (f) For boreholes, state details of lining in metres:
- (i) Depth of lining ☐ N/A m
- (ii) Depth of perforated lining ☐ N/A m
- (iii) Depth of unperforated lining ☐ N/A m
- (g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided? ☐ Y/N

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)? ☐ Y/N

If yes, please give the reasons it is not practical to connect to it (eg distance, flow etc).

5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

(a) Full name and postal address of applicant. This should be the person who will become the consent holder should consent be issued.

*Dwr Cymru Cyf

*Pentwyn Road

*Nelson

*Treharris

*Mid Glamorgan

*

Post Code: CF46 6LY

Daytime Telephone Number:

Company Registration Number (if appropriate): 2366777

(b) Agent (if any) - Full name and postal address.

*

*

*

*

*

*

Post Code:

Contact Name and Daytime Telephone Number:

5.2

Please give full name and address to which bills should be sent if different to that given above:

*

*

*

*

*

*

Post Code:

Daytime Telephone Number:

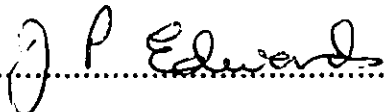
5.3 Are there any other factors to be taken into account? Please continue on a separate sheet if necessary.

DECLARATION

I/We:

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the Environmental Agency (see note x).
3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked (see note xi).
4. will pay required advertising costs (see note xii).
5. confirm that I/we* will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the consent.
6. confirm that the information given in this application and any questions which the Environment Agency may have about it is/will* be true to the best of my/our* knowledge, information and belief and am/are* not aware of any other facts or information which might affect the granting of a consent, or conditions which might be put on it (see note xiii).
7. confirm that I/we* will pay any annual charges due should a consent be granted ~~YES~~NO*. If no please indicate who will be completing section 5.2 above (see note xiv).

(* Delete as appropriate)

| | | | |
|---------------------|---|-------------------|-------------|
| SIGNED: |  | PRINT NAME: | J P Edwards |
| ON BEHALF OF: | DWR CYMRU CYF..... | DATED: | 31/8/05 |

CONFIDENTIALITY

I/we apply for commercial confidentiality and enclose a full written justification (see note xv).

| | |
|---------------|--------------|
| SIGNED: | DATED: |
|---------------|--------------|

PLEASE RETURN THIS FORM TO THE ADDRESS GIVEN ON THE FRONT PAGE



ANNEXE 2

SEWAGE EFFLUENT DISCHARGED IN STORM OR EMERGENCY CONDITIONS

Please complete this annexe if you are proposing to make a discharge of sewage in emergency or storm conditions (if the effluent is to contain a trade component Annexe 3 should also be completed).

Official Use Only
Application No.

1. Site Name.

Waunfawr CSO

2. State the type of discharge - tick as appropriate:

Storm tanks

☐

Combined Sewer Overflow from sewerage system

☒

Combined Sewer Overflow from pumping station

☐

Emergency overflow from sewerage system

☐

Emergency overflow from pumping station

☐

Other (please specify)

☐

3. For effluents discharging from sewage treatment works, is the storm/emergency effluent discharged via the same outlet as the treated effluent?

Y/N

If no please give:

a) the National Grid Reference of the treated effluent outlet.

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

b) the consent or application number covering the treated effluent discharge

If yes please give the National Grid Reference of the storm/emergency sampling point (see notes)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | H | 5 | 2 | 8 | 6 | 9 | 5 | 9 | 0 | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

4. For effluents discharging from combined sewer overflows, is the discharge via a dedicated pipe?

Y/N

If no please give the National Grid Reference of the overflow into the sewer.

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

5. Overflow settings

| | |
|--|----------|
| a) Overflow setting to storm tanks | N/A l/s |
| b) Maximum flow to storm tanks | N/A l/s |
| c) Overflow setting to storm sewage overflow | 14.4 l/s |
| d) Maximum flow to storm sewage overflow | 226 l/s |

6. Storage capacity

| | |
|--|--------------------|
| a) Volume of Storm tanks | N/A m ³ |
| b) Retention time of storm tanks at maximum flow | N/A hours |
| c) Storage capacity of sewer/wet well | 100 m ³ |

7. Please provide full details of the design criteria that have been used to support this application.

Refer to Hydraulic Model of Waenfawr Catchment produced and verified by Agency. See Forthview Report RE-Li220-02-01

8. Will facilities be provided to raise alarms (eg telemetry)?

Y/N

If yes, please give details.

Works will be provided with telemetry. Level in the CSO tank is monitored and will alarm if level in CSO tank rises to high level, and on screen failure and loss of electrical power

9. Will facilities be provided to prevent the discharge of gross solids?

Y/N

If yes, please give details (for screens give bar spacing or aperture).

All flows from CSO tank will pass through 6mm static wave screen on outlet of CSO tank

10. What provisions will be made to deal with:

a) power failure (eg standby generators)?

Facilities will allow portable power equipment to be connected if required

b) mechanical breakdown (eg standby pumps)?

Duty and standby storm water return pumps are provided at CSO tank

c) rising main failure?

N/A

d) tanker access?

Yes via site access road

Notes (see also the notes on the main form):

Full details of the design criteria must be provided in order for the application to be determined. If you have any queries about what information is required please contact the person given in notes attached to the main form.



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

ANNEXE 4 WELSH REGION SUPPLEMENTARY INFORMATION ANNEXE

Please complete this annexe for every proposed discharge.

Official Use Only
Application No.

For all proposed discharges:

1. Site Name.

Waunfawr CSO

2. Is this application being made to reinstate a lapsed Consent?

Y/N

If so, please state the Number of the lapsed Consent:

3. If the proposed discharge is to be made down a pipe, channel or culvert (as given in Section 2.3 of the main application form), please state the diameter (including units):

525 mm dia pipe is existing

4. Please indicate the anticipated cost of the proposed scheme, including any alternatives which may have been considered:

£700,000. This for the provision of a new 6mm screen. New primary settlement tank and desludging facilities, additional biological treatment capacity (new SAF Plant), new FE and stormwater sampling facilities

5. Is there any trade effluent component in the proposed discharge?

Y/N

If yes, please confirm here that you have completed and enclosed Annex 3:

Tick

6. Will the proposed discharge be pumped or made under gravity? (please circle) Pumped / Gravity

If pumped, please state the maximum pump rate in l/sec:

N/A l/s

For proposed discharges of sewage in storm or emergency conditions:

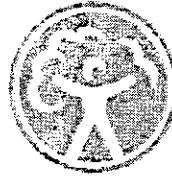
7. Please confirm here that you have completed and enclosed both Annexes 1 and 2:
This application is for a CSO and only Annex 2 is applicable Tick

8. Please state:

| | |
|--|--|
| Population served (head) | Pe= 950 (including growth) |
| Consumption (l/head/day) default = 180 | 180 |
| Infiltration (m ³ /day) | 216 |
| Industrial effluent flow (m ³ /day) | 0 |
| Dry Weather Flow (m ³ /day) | 387 |
| Soc A (l/sec) | 23.22 Ref Waunfawr Technical Note Report No RE-Li384-02-01 October 2002 |
| Predicted spill frequency (per annum) | 4.4% of time at 14.4 l/s passing to treatment |

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

1. **Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (eg a public limited company ('plc'), limited, company, local authority), the 'body corporate' will be the registered consent holder, and the person with the delegated authority to sign on behalf of the 'body corporate' should give their job title.**
2. **Agents making an application on behalf of a client, must attach their clients written authority.**
3. **If the name and/or address of the applicant changes after submission of this application to the Environment Agency, the applicant must inform the Agency in writing.**



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for ~~new consent~~/variation to an existing consent* to discharge

(* delete as appropriate)

| | |
|---|---|
| Regional/Area Address: Discharge Consent Applications Environment Agency Wales Chester Road Buckley Flintshire CH7 3AJ | Official Use Only Dist/Area Ref: Application No. <i>CG0134001</i> Date Received: <i>5-9-05</i> Fee Received: <i>£772</i> |
|---|---|

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all relevant sections and provisions of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld (see note xiii).

1 SITE ADDRESS

1.1 Address or other sufficient description of land or premises to which this application applies.

Waunfawr WwTW
 Waunfawr
 Caernarfon
 Gwynedd

Post Code:

LL55 4AX

2 DETAILS OF DISCHARGE(S)

2.1 State the nature of the discharge(s) (see note i and ii) - tick one or more boxes as appropriate:

Sewage Effluent - volume of 5 cubic metres per day or less ☐

Sewage Effluent - volume greater than 5 cubic metres per day (**complete annexe 1**) ☒

Sewage Effluent discharged under storm or emergency conditions (**complete annexe 2**) ☐

Cooling Water (**complete annexe 3**) ☐

Trade Effluent (*including site drainage*) (**complete annexe 3**) ☐

Others (*please specify*) ☐

2.2 Please state the maximum quantity it is proposed to discharge in any one day

1242 m³/day

Briefly state how this figure was calculated (see note ii).

Works will provide biological treatment for flows up to 6DWF (14.4 l.s⁻¹) based on a PE of 950 with a water consumption of 180.l.h⁻¹.d⁻¹ and infiltration of 2.5 l.s⁻¹ (216 m³.d⁻¹) with no consented trade input. Refer to Waunfawr Supporting Document.

2.3 a) Indicate proposed means of discharge - tick as appropriate and show on plan:
(for 1, 2 & 3 please state dimensions below)

1. Pipe

☒

4. Borehole

☐

7. Sub-Irrigation System

☐

2. Channel

☐

5. Well

☐

8. Combination of 6 & 7

☐

3. Culvert

☐

6. Soakaway

☐

9. Other (*please specify below*)

☐

Pipe (525 mm diameter) is existing

b) National Grid Reference(s) of point(s) of discharge (see note iii).

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | H | 5 | 2 | 8 | 0 | 3 | 5 | 8 | 9 | 0 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

(*please indicate on accompanying plans*)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe and convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:

At the outlet

☐

At a manhole or sampling chamber

☐

Other (*please specify*)

Free discharge in Final Effluent Chamber

b) National Grid Reference(s) of sampling point(s) (if different from 2.3 b) above).

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | H | 5 | 2 | 8 | 5 | 6 | 5 | 8 | 9 | 7 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

(*please indicate on accompanying plans*)

c) What flow measurement facilities will be provided (see note v)?
Please give details.

New magflow meter in flow to treatment channel SH52861 59000

2.5 a) Type of Treatment Plant(s) to be used (*please specify make and model*) - tick as appropriate:

Septic Tank

☐

Package Sewage Treatment Works

☐

Other

☒

Works consists of new 6mm screen followed by new primary settlement tank, biological treatment

and humus settlement tank

- b) Will the treatment process involve the use of any chemicals (eg ferric salts, polyelectrolytes). If yes please give details.

Y/N

- 2.6 a) On what date do you anticipate the discharge will commence?

31/12/05

- b) If you require the consent for a limited time period please give dates;

from:

/ /

to:

/ /

- c) If the discharge is not continuous please detail the period/circumstances when it will occur.

N/A for Final Effluent consent

- 2.7 a) Are there any existing consents for discharges from the premises (see note vi)?

Y/N

If yes, please give the reference numbers (Any further information should be given in Section 5.3).

Biologically Treated Effluent Consent CG0134001 dated 12th December 1986

- b) Has any person had a Prohibition Notice serviced on them in respect of this site?
If yes, please give the reference number.

Y/N

3 SITE DETAILS

- 3.1 Please give the name of the relevant Planning Authority.

Gwynedd County Council

- 3.2 Please give details of the premises - tick as appropriate:

- | | | | |
|---|--------------------------|----------------------------|-------------------------------------|
| 1. Single Dwelling | <input type="checkbox"/> | 6. Fish Farm | <input type="checkbox"/> |
| 2. Multiple Dwellings | <input type="checkbox"/> | 7. Mineral Workings | <input type="checkbox"/> |
| 3. Industrial Premises | <input type="checkbox"/> | 8. Water Services plc STW | <input checked="" type="checkbox"/> |
| 4. Vehicle Parking Area | <input type="checkbox"/> | 9. Water Supply | <input type="checkbox"/> |
| 5. Commercial Premises (please specify) | <input type="checkbox"/> | 10. Other (please specify) | <input type="checkbox"/> |

3.3 Please indicate source of the water supply - tick as appropriate:

- | | | | |
|--|-------------------------------------|---|--------------------------|
| 1. Well | <input type="checkbox"/> | 5. River (please give name below) | <input type="checkbox"/> |
| 2. Borehole | <input type="checkbox"/> | 6. Estuary (please give name below) | <input type="checkbox"/> |
| 3. Precipitation (eg rain or snow) | <input type="checkbox"/> | 7. Coastal Water (please give name below) | <input type="checkbox"/> |
| 4. Mains (please state water supply company) | <input checked="" type="checkbox"/> | <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |
| <div style="border: 1px solid black; padding: 2px;">Dwr Cymru Welsh Water (DCWW)</div> | | | |

4 DETAILS OF RECEIVING ENVIRONMENT

4.1 Receiving Medium - tick the category(s) to which the proposed discharge(s) is(are) to be made:

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | <input type="checkbox"/> | 5. Into Land | <input type="checkbox"/> |
| 2. River or Stream (non-tidal) | <input checked="" type="checkbox"/> | 6. Onto Land | <input type="checkbox"/> |
| 3. Canal | <input type="checkbox"/> | 7. Directly into Groundwater | <input type="checkbox"/> |
| 4. Lake, Lock or Pond | <input type="checkbox"/> | 8. Coastal Water (see note vii) | <input type="checkbox"/> |

State name of receiving water if known:

Afon Gwyrfai

4.2 In the case of sub-irrigation systems, soakaways or boreholes: **Not Applicable**

- (a) Is any part of the system within 5 metres of the boundary of the premises? Y/N
- (b) Is any part of the system within 10 metres of a watercourse? Y/N
- (c) Is any part of the system within 50 metres of a borehole or spring? Y/N
- (d) For wells and boreholes state dimension(s) in metres. N/A m
- (e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres. N/A m
- (f) For boreholes, state details of lining in metres:
- | | |
|------------------------------------|-------|
| (i) Depth of lining | N/A m |
| (ii) Depth of perforated lining | N/A m |
| (iii) Depth of unperforated lining | N/A m |
- (g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided? Y/N

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)? Y/N

If yes, please give the reasons it is not practical to connect to it (eg distance, flow etc).

5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

(a) Full name and postal address of applicant. This should be the person who will become the consent holder should consent be issued.

*Dwr Cymru Cyf

*Pentwyn Road

*Nelson

*Treharris

*Mid Glamorgan

*

Post Code: CF46 6LY

Daytime Telephone Number:

Company Registration Number (if appropriate): 2366777

(b) Agent (if any) - Full name and postal address.

*

*

*

*

*

*

Post Code:

Contact Name and Daytime Telephone Number:

5.2

Please give full name and address to which bills should be sent if different to that given above:

*

*

*

*

*

*

Post Code:

Daytime Telephone Number:

5.3 Are there any other factors to be taken into account? Please continue on a separate sheet if necessary.

DECLARATION

I/We:

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the Environmental Agency (see note x).
3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked (see note xi).
4. will pay required advertising costs (see note xii).
5. confirm that I/we* will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the consent.
6. confirm that the information given in this application and any questions which the Environment Agency may have about it is/~~will~~^{are} true to the best of my/our* knowledge, information and belief and am/~~am~~^{are}* not aware of any other facts or information which might affect the granting of a consent, or conditions which might be put on it (see note xiii).
7. confirm that I/we* will pay any annual charges due should a consent be granted ~~YES~~^{NO}*. If no please indicate who will be completing section 5.2 above (see note xiv).

(* Delete as appropriate)

| | | | |
|---------------------|--------------------|-------------------|--------------------|
| SIGNED: | <i>J P Edwards</i> | PRINT NAME: | <i>J P Edwards</i> |
| ON BEHALF OF: | DWR CYMRU CYF..... | DATED: | <i>31/8/05</i> |

CONFIDENTIALITY

I/we apply for commercial confidentiality and enclose a full written justification (see note xv).

| | |
|---------------|--------------|
| SIGNED: | DATED: |
|---------------|--------------|

PLEASE RETURN THIS FORM TO THE ADDRESS GIVEN ON THE FRONT PAGE



ANNEXE 1

SEWAGE EFFLUENT GREATER THAN 5 CUBIC METRES PER DAY

Please complete this annexe if you are proposing to discharge more than 5 cubic metres per day of sewage effluent (if the effluent is to contain a trade component Annexe 3 should also be completed).

Official Use Only
Application No.

1. Site Name.

Waunfawr WwTW

2. Please detail the type and number of treatment units you are proposing to use.

The treatment process consists of a new 6mm screen, followed by biological treatment consisting of 50 m³ plastic media filter and new SAF Plant. Biological treatment stage is followed by single Dortmund type humus settlement tank.

3. Volume, rates and overflow settings. (Please give volumes in cubic metres per day or litres per second as indicated below)

- | | | |
|----|--|-------------------------|
| a) | Maximum flow to full treatment. (see note ii) in main guidance notes for population equivalents). | 1242 m ³ /d |
| b) | Dry weather flow of discharge(s). | 387 m ³ /d |
| c) | Average daily flow. | 483.8 m ³ /d |
| d) | Maximum rate of discharge(s) | 14.4 l/s |

4. Will there be provisions for storm/emergency discharges?
If yes, please complete Annexe 2.

Y/N

5. a) Will any self monitoring take place?
If yes, please give details.

Y/N

Visual monitoring of final effluent quality by United Utilities Operational Services UWWTD monitoring will be undertaken as required

b) Will automatic sampling equipment be provided?
If yes, please give details of type and location (*please indicate on plan*).

Y/N

6. a) Please state the maximum population served by the treatment works.

The works is designed to treat raw sewage from a future PE = 950 derived from a Catchment Hydraulic Survey Report. Ref Waunfawr Technical Note RE-Li384-02-01 Oct 2002.

- b) Please give reasons for any variations in population, eg holiday resort, training area, seasonal industry etc, and detail the periods/times involved.

The catchment is predominantly a stable resident population

- c) Please state type of catchment/site being served, eg residential, resort, industrial etc.

Residential with no consented trade discharges

7. Will a maintenance agreement be set up to manage the sewage works? (see note b)
If yes, please give details.

Y/N

The works will be subject to an operational maintenance contract with United Utilities Operational Services

8. Does the effluent contain a trade component?

Y/N

If yes, please complete appropriate section on Annexe 3 for authorised discharges of trade effluent to the sewerage system.

Notes (see also the notes attached to the main form):

- a) *For significant sewage treatment plants full details of the plant design, dry weather flow and Biochemical Oxygen Demand load, along with information on all discharges from the works must be included in order for the application to be processed. Flow monitoring will normally be required for such discharges and details of siting and type of flow recorders should be provided.*
- b) *The Agency require a single body or company to be responsible for the discharge and any bills raised under the Charges for Discharges Scheme. Where multiple dwellings under different ownership are connected to the same system a management company should be set up.*



ANNEXE 4

WELSH REGION SUPPLEMENTARY INFORMATION ANNEXE

Please complete this annexe for every proposed discharge.

Official Use Only
Application No.

For all proposed discharges:

1. Site Name.

Waunfawr WwTW

2. Is this application being made to reinstate a lapsed Consent?

Y/N

If so, please state the Number of the lapsed Consent:

IMPORTANT: If you are in need of advice on either part of Question 2, please contact the Agency Regional Consents Section on 01222 770088.

3. If the proposed discharge is to be made down a pipe, channel or culvert (as given in Section 2.3 of the main application form), please state the diameter (including units):

525 mm dia pipe is existing

4. Please indicate the anticipated cost of the proposed scheme, including any alternatives which may have been considered:

£700,000. This for the provision of a new 6mm screen . New primary settlement tank and desludging facilities, additional biological treatment capacity (new SAF Plant), new FE and stormwater sampling facilities

5. Is there any trade effluent component in the proposed discharge?

Y/N

If yes, please confirm here that you have completed and enclosed Annexe 3:

Tick

6. Will the proposed discharge be pumped or made under gravity? (please circle) **Pumped** / Gravity

If pumped, please state the maximum pump rate in l/sec:

N/A l/s

For proposed discharges of sewage in storm or emergency conditions:

7. Please confirm here that you have completed and enclosed both Annexes 1 and 2:
Only Annex 1 is applicable to a Final Effluent consent application

Tick
☐

8. Please state:

| | |
|--|---|
| Population served (head) | Pe= 950 (including growth) |
| Consumption (l/head/day) default = 180 | 180 |
| Infiltration (m ³ /day) | 216 |
| Industrial effluent flow (m ³ /day) | 0 |
| Dry Weather Flow (m ³ /day) | 387 |
| Soc A (l/sec) | 23.22 Ref Waunfawr Technical Note Report No RE-Li384-02-01 October 2002 |
| Predicted spill frequency (per annum) | N/A for final effluent consent application |

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

1. Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (eg a public limited company ('plc'), limited, company, local authority), the 'body corporate' will be the registered consent holder, and the person with the delegated authority to sign on behalf of the 'body corporate' should give their job title.
2. Agents making an application on behalf of a client, must attach their clients written authority.
3. If the name and/or address of the applicant changes after submission of this application to the Environment Agency, the applicant must inform the Agency in writing.

Water Resources Act 1991

as amended by the Environment Act 1995



ASIANTAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Consents to Discharge

Certificate of Holder

Part A

To : **DWR CYMRU CYFYNGEDIG**
PENTWYN ROAD
NELSON
TREHARRIS
MID GLAMORGAN CF46 6LY

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

Holder Start Date : 31 March 2005

The Environment Agency ("the Agency") hereby confirm that the above named person (or organisation) is a / the registered Holder of the Consent : CG0134001 Consent Issued : 31 March 2005

Nature of Discharge(s) **STEC Sewage effluent**
at **SH5281058900 WAUNFAWR**

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 : **CG0134001**

Name : **DWR CYMRU CYFYNGEDIG**

Consent Issued : **31 March 2005**

Address : **PENTWYN ROAD**

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

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) :

Position (if appropriate) :

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



Caniatâd Gollwng

Tystysgrif Daliwr

Rhan A

**At : DWR CYMRU CYFYNGEDIG
PENTWYN ROAD
NELSON
Treharris
MID GLAMORGAN CF46 6LY**

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

Dyddiad Cychwyn y Daliwr : 31 Mawrth 2005

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 : CG0134001 Cyhoeddwyd y Caniatâd : 31 Mawrth 2005

Natur y Gollyngiad(au) : STEC Carthffrwd

yn SH5281058900 WAUNFAWR

Noder : Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os hyddwch 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 olynnydd. 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.

Rhan B

Llenwch mewn priflythrennau bras neu deipio

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

Cyfeirnod y Caniatâd : CG0134001

Enw : DWR CYMRU CYFYNGEDIG

Cyhoeddwyd y 31 Mawrth 2005

Cyfeiriad : PENTWYN ROAD

Caniatâd :

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

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)

Public Reg.

Ein cyf/Our ref. VM/GK [REDACTED] G0134002
Dyddiad/Date: 26th October 2005

Euros Jones
Countryside Council for Wales North West Area
Llys y Bont
Ffordd y Parc
Parc Menai
Bangor
Gwynedd LL57 4BH

Dear Euros,

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. VARIATION APPLICATIONS FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY DWR CYMRU FROM WAUNFAWR WWTW, WAUNFAWR, CAERNARFON, GWYNEDD, LL55 4AX.

APPLICATION NO: CG0134001/CG0134002

I append a copy of the variation applications for consent to discharge sewage effluent received from Dwr Cymru and an Appendix 11 forms. If you have any comments regarding this application could you please respond by 10th November 2005.

Yours sincerely

Vicky Matthews
Customer Contact & Authorisations Officer

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 08708 506 506 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 08708 506 506 Fax 01244 550144



CG0134001_2006_03_01

APPENDIX 11

Form HR01: Proforma for new applications within Stage 2 criteria.



ENVIRONMENT
AGENCY

Environment Agency Record of Assessment of Likely Significant Effect On A European Site (Stage 2)

The new application for a Discharge Consents detailed below is within the Stage 1 criteria of Afon Gwyrfaï a Llyn Cwellyn, and in order to progress the application a Stage 2 assessment and consultation with EN/CCW is required.

PART A
To be completed by relevant technical/project officer, in consultation with Conservation/Ecology section and EN/CCW.

| 1. | Type of permission/activity: | Discharge Consents | | | | | | |
|---|---|--|-----------------------------|-------------------|---|--|--|--|
| 2. | Agency reference no: | CG01334001 / CG0134002 | | | | | | |
| 3. | National Grid reference: | SH5280758907 | | | | | | |
| 4. | Site reference: | Waunfair sewage treatment works (CG0134001) and storm discharge (CG0134002) | | | | | | |
| 5. | Brief description of proposal: | <p>Improvement to the sewerage system currently serving this area. Previously the parent combined sewer overflow limited the levels of flow reaching the works and would overflow prematurely (ie not under storm conditions). The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow.</p> <p>100m³ storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks.</p> <p>Tighter limits will be imposed on the discharge from the sewage treatment works.</p> | | | | | | |
| 6. | European site name(s) and status: | Afon Gwyrfaï a Llyn Cwellyn (Afon Gwyrfaï a Llyn Cwellyn) SAC | | | | | | |
| 7. | List of interest features: | <p>Afon Gwyrfaï a Llyn Cwellyn</p> <p>1.3 Riverine habitats & running waters (Floating vegetation of Ranunculus of plain and submountainous rivers)</p> <p>1.4 Standing Waters (sensitive to acidification) (Oligotrophic waters containing very few minerals of Atlantic sandy plains with amphibious vegetation: Lobelia, Littorella and Isoetes)</p> <p>2.1 Vascular plants of aquatic habitats (Floating Water Plantain)</p> <p>2.5 Anadromous fish (Atlantic salmon)</p> <p>2.9 Mammals of riverine habitats (Otter)</p> | | | | | | |
| 8. | Is the proposal directly connected with or necessary to the management of the site for nature conservation? | No | | | | | | |
| 9. | What potential hazards are likely to affect the interest features? (Refer to relevant sensitivity matrix and only include those to which the interest features are sensitive). Are the interest features potentially exposed to the hazard? | | | | | | | |
| <table border="1"> <thead> <tr> <th>Sensitive Interest Feature:</th> <th>Potential hazard:</th> <th>Potential exposure to hazard and mechanism of effect/impact if known:</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | | Sensitive Interest Feature: | Potential hazard: | Potential exposure to hazard and mechanism of effect/impact if known: | | | |
| Sensitive Interest Feature: | Potential hazard: | Potential exposure to hazard and mechanism of effect/impact if known: | | | | | | |
| | | | | | | | | |

| | | |
|--|---------------------------|--|
| 1.3 Riverine habitats & running waters (Floating vegetation of Ranunculus of plain and submountainous rivers) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Physical Damage | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened. Any storm discharges should only occur at times of high flow where increased dilution is available. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
| | Toxic contamination | The discharge should not contain any toxic contaminants |
| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |
| 1.4 Standing Waters (sensitive to acidification) (Oligotrophic waters containing very few minerals of Atlantic sandy plains with amphibious vegetation: Lobelia, Littorella and Isoetes) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
| | Toxic contamination | The discharge should not contain any toxic contaminants |
| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |
| 2.1 Vascular plants of aquatic habitats (Floating Water Plantain) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Physical Damage | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened. Any storm discharges should only occur at times of high flow where increased dilution is available. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
| | Toxic contamination | The discharge should not contain any toxic contaminants |
| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |
| 2.5 Anadromous fish (Atlantic salmon) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
| | Toxic contamination | The discharge should not contain any toxic contaminants |
| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |
| 2.9 Mammals of riverine habitats (Otter) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
| | Toxic contamination | The discharge should not contain any toxic contaminants |
| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |

APPENDIX 11

Form HR01: Proforma for new applications within Stage 2 criteria.



**ENVIRONMENT
AGENCY**

Environment Agency Record of Assessment of Likely Significant Effect On A European Site (Stage 2)

The new application for a Discharge Consents detailed below is within the Stage 1 criteria of Afon Gwyrfaï a Llyn Cwellyn, and in order to progress the application a Stage 2 assessment and consultation with EN/CCW is required.

PART A
To be completed by relevant technical/project officer, in consultation with Conservation/Ecology section and EN/CCW.

| | | |
|----|---|---|
| 1. | Type of permission/activity: | Discharge Consents |
| 2. | Agency reference no: | CG01334001 / CG0134002 |
| 3. | National Grid reference: | SH5280758907 |
| 4. | Site reference: | Waunfair sewage treatment works (CG0134001) and storm discharge (CG0134002) |
| 5. | Brief description of proposal: | <p>Improvement to the sewerage system currently serving this area. Previously the parent combined sewer overflow limited the levels of flow reaching the works and would overflow prematurely (ie not under storm conditions). The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow.</p> <p>100m3 storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks.</p> <p>Tighter limits will be imposed on the discharge from the sewage treatment works.</p> |
| 6. | European site name(s) and status: | Afon Gwyrfaï a Llyn Cwellyn (Afon Gwyrfaï a Llyn Cwellyn) SAC |
| 7. | List of interest features: | <p>Afon Gwyrfaï a Llyn Cwellyn</p> <p>1.3 Riverine habitats & running waters (Floating vegetation of Ranunculus of plain and submountainous rivers)</p> <p>1.4 Standing Waters (sensitive to acidification) (Oligotrophic waters containing very few minerals of Atlantic sandy plains with amphibious vegetation: Lobelia, Littorella and Isoetes)</p> <p>2.1 Vascular plants of aquatic habitats (Floating Water Plantain)</p> <p>2.5 Anadromous fish (Atlantic salmon)</p> <p>2.9 Mammals of riverine habitats (Otter)</p> |
| 8. | Is the proposal directly connected with or necessary to the management of the site for nature conservation? | No |
| 9. | What potential hazards are likely to affect the interest features? (Refer to relevant sensitivity matrix and only include those to which the interest features are sensitive). Are the interest features potentially exposed to the hazard? | |

| | | |
|-----------------------------|-------------------|---|
| Sensitive Interest Feature: | Potential hazard: | Potential exposure to hazard and mechanism of effect/impact if known: |
|-----------------------------|-------------------|---|

| | | |
|--|---------------------------|--|
| 1.3 Riverine habitats & running waters (Floating vegetation of Ranunculus of plain and submountainous rivers) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
| | Nutrient Enrichment | Stringent limits will be applied on the discharge consent for biochemical oxygen demand and ammonia. |
| | Physical Damage | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened. Any storm discharges should only occur at times of high flow where increased dilution is available. |
| | Salinity | Discharge should not cause any changes in salinity |
| | Siltation | The discharge should not alter salinity |
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| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
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| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
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| 2.9 Mammals of riverine habitats (Otter) | Changes in thermal regime | Discharge should not cause any changes in thermal regime |
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| | Turbidity | Stringent limits will be applied on the discharge consent for suspended solids and the storm discharge will be screened |
| | pH | The discharge should not alter pH |

| | | |
|--|--|-----------------------|
| 10. Is the potential scale or magnitude of any effect likely to be significant? | | |
| a) Alone? (explain conclusion, e.g. in relation to de minimus criteria) | No Improvement to the sewerage system currently serving this area. The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow. 100m3 storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks. Tighter limits will be imposed on the discharge from the sewage treatment works. | |
| b) In combination with other plans or projects? | No | |
| c) In combination with plans/projects of other Competent Authorities? | As a result of its risk assessment, the Agency can conclude that this application could not act in combination with plans/projects of other competent authorities, consultation has not been necessary. The discharge will result in an improvement to the sewerage system currently serving this area. | |
| 11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site? (Justification – attach any relevant supporting information and the reasons for coming to the particular conclusion) | No Improvement to the sewerage system currently serving this area. Previously the parent combined sewer overflow limited the levels of flow reaching the works and would overflow prematurely (ie not under storm conditions). The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow. 100m3 storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks. Tighter limits will be imposed on the discharge from the sewage treatment works. Location map attached for information. | |
| 12. Name of EA Officer: | Ruth Street | Date: 25/10/05 |
| 13. EN/CCW comment on assessment: (If the EN/CCW officer disagrees with the conclusion of 10c, please include details of the other Competent Authorities which should be consulted). | | |
| 14. Name of EN/CCW Officer: | | Date: |
| IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope). | | |

| | | |
|--|--|-----------------------|
| 10. Is the potential scale or magnitude of any effect likely to be significant? | | |
| a) Alone? (explain conclusion, e.g. in relation to de minimus criteria) | No Improvement to the sewerage system currently serving this area. The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow. 100m3 storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks. Tighter limits will be imposed on the discharge from the sewage treatment works. | |
| b) In combination with other plans or projects? | No | |
| c) In combination with plans/projects of other Competent Authorities? | As a result of its risk assessment, the Agency can conclude that this application could not act in combination with plans/projects of other competent authorities, consultation has not been necessary. The discharge will result in an improvement to the sewerage system currently serving this area. | |
| 11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site? (Justification – attach any relevant supporting information and the reasons for coming to the particular conclusion) | No Improvement to the sewerage system currently serving this area. Previously the parent combined sewer overflow limited the levels of flow reaching the works and would overflow prematurely (ie not under storm conditions). The proposed improvements will increase the amount of flow reaching the treatment works for full treatment and reduce the occurrence of spills from the combined sewer overflow. 100m3 storm tanks to be installed at the sewage treatment works. Screens will be fitted on the outfall from the storm tanks. Tighter limits will be imposed on the discharge from the sewage treatment works. Location map attached for information. | |
| 12. Name of EA Officer: | Ruth Street | Date: 25/10/05 |
| 13. EN/CCW comment on assessment: (If the EN/CCW officer disagrees with the conclusion of 10c, please include details of the other Competent Authorities which should be consulted). | | |
| 14. Name of EN/CCW Officer: | | Date: |
| IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope). | | |

Part B - SUGGESTED SCOPE OF THE APPROPRIATE ASSESSMENT:

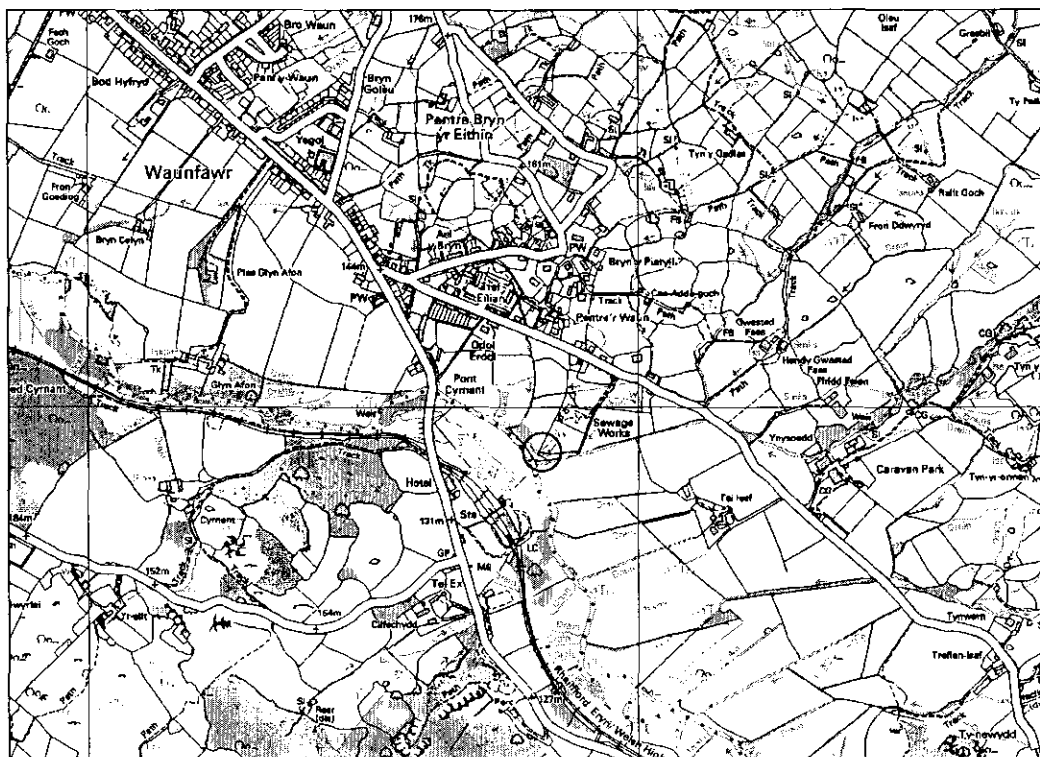
(see also EN and CCW Habitats Regulations Guidance Notes HRGN1 and OH 99/01)
(Water Resources, please see note in Appendix 4 of the guidance for assessing new permissions)
(add details to following framework)

- Other competent authorities involved (the scope of the appropriate assessment must be agreed with them).
- Characterise the site in relation to the qualifying features and their conservation objectives;
 - Existing information
 - Additional surveys
 - Management/ unauthorised impacts
- Detailed description of plan/project
- Assess each likely impact on the interest features;
 - Compare with historical data
 - predict impacts
 - compare with impact from management/unauthorised activities
- Determine the extent to which each possible impact can be avoided.
- What alternative solutions could be considered?

15. EN/CCW Comment on scope of appropriate assessment:

16. Name of EN/CCW Officer:

Date:



One Centimetre = 0.106 Km

Km 0.2 0.4 0.6 0.8 1



PR

Cyngor Cefn Gwlad Cymru Countryside Council for Wales

CADEIRYDD/CHAIRMAN: JOHN LLOYD JONES OBE

PRIF WEITHREDWR/CHIEF EXECUTIVE: ROGER THOMAS

Anfonwch eich ateb at/Please reply to:

Seran Dolma

Ffon/Tel: 01248 672500 Ffacs/Fax: 01248 679259

Ebost/Email: s.dolma@ccw.gov.uk

Swyddfa Rhanbarthol Gogledd Cymru

North West Regional Office

Llys y Bont

Ffordd y Parc

Parc Menai

BANGOR

Gwynedd

LL57 4BN

Vicky Matthews
Customer Contact & Authorisations Officer
Environment Agency Wales
Chester Road
Buckley
Flintshire
CH7 3AJ.

Our reference:SD/SH5280758907
Your ref:VM/GK/CG0134001/CG0134002

17 November 2005

Dear Vicky

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY DWR CYMRU FROM WAUNFAWR WWTW, WAUNFAWR, CAERNARFON, GWYNEDD, LL55 4AX

Application No: CG0134001/CG0134002

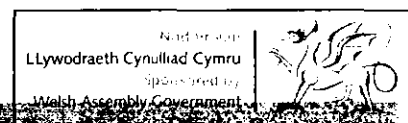
Thank you for your letter dated 26th October 2005.

The Countryside Council for Wales has considered your appendix 11 assessment of likely significant effect on a European Site, and concurs with your conclusion that the proposed works would be an improvement to the sewerage system currently serving this area. As such we have no further comments to make on this application.

Yours faithfully

P.P.

Seran Dolma
Conservation Officer
North Gwynedd



Gofalu am natur Cymru - ar y tir ac yn y môr • Caring for our natural heritage - on land and in the sea
Gofalu am natur Cymru - ar y tir ac yn y môr • Caring for our natural heritage - on land and in the sea

Prif Swyddfa/Headquarters

MAES-Y-FFYNNON, PENRHOSGARNEDD, BANGOR, GWYNEDD LL57 2DW FFÔN/TEL: 01248 385500 FFACS/FAX: 01248 355782

<http://www.ccw.gov.uk>