

**Water Resources Act 1991**  
as amended by the Environment Act 1995  
**Consent to Discharge**  
**Certificate of Holder**



**ENVIRONMENT  
AGENCY**

**Part A**

To: DWR CYMRU CYFYNGEDIG  
CONSENTS REGULATION OFFICER  
PLAS-Y-FFYNNON  
CAMBRIAN WAY  
BRECON LD3 7HP



The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CG0078601

Nature of Discharge(s); SEWAGE EFF/STORM EFF/RAINFALL  
at CAERNARFON SSO NO. 1

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, 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 may 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.

**Part B** Please complete in block capitals or type.

To:

**Water Resources Act 1991: Notice of transfer of consent to discharge**

Consent:

Name:

Address:

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 new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s):

Signed:

Dated:

Name (block capitals):

Position:

(to be completed with signature)

REG 00786-01/0003/04/05/06  
07

C.203/8 & 01/24/11 NH/AL.

11th August, 1970.

Dear Sir,

Rivers (Prevention of Pollution) Acts 1951 - 1961  
Gwynedd River Authority and Sewage Disposal Scheme  
Discharge of Storm Sewage

With reference to your application of the 20th May 1970, the Gwynedd River Authority in pursuance of their powers under the above Acts, hereby consent to the discharge of storm sewage into the watercourses mentioned hereunder in accordance with the plans submitted.

- 3 S.O. No. 1 River Seiont on its right bank, adjacent to the Sewage Treatment Works when the incoming flow of sewage to the treatment works exceeds six times dry weather flow.
- 4 S.O. No. 2 Menai Strait at Dock Road when the flow in the sewer entering the storm overflow chamber exceeds six times dry weather flow.
- 5 S.O. No. 3 Menai Strait at Bank Quay when the flow in the sewer entering the storm overflow chamber exceeds six times dry weather flow.
- 6 S.O. No. 4 River Cadnant, opposite Gili Uchaf (about 700 yards upstream of the bottom of Gypay Hill) when the flow in the sewer exceeds ten times dry weather flow.
- 7 S.O. No. 5 River Cadnant about 10 yards upstream of the bottom of Gypay Hill when the flow in the sewer exceeds ten times dry weather flow.
- 8 S.O. No. 6 River Cadnant at Mill Lane when the flow in the sewer exceeds six times dry weather flow.
- 9 S.O. No. 7 River Seiont at Seiont Hill Lane when the flow in the sewer exceeds six times dry weather flow.

Subject to the discharge being screened or suitably baffled to prevent the discharge of solid matter and restricted to these flows in excess of six times dry weather flow in respect of storm overflows 1, 2, 3, 6 and 7 and the flows in excess of ten times dry weather flow in respect of storm overflows 4 and 5.

The terms of this consent will not, without the consent in writing of the person to whom this consent is given (or his successor) be altered before the expiration of the period ending with the 31st December, 1972.

Yours faithfully,

  
Clerk of the Authority

The Clerk,  
Royal Borough of Gwynedd,  
Strydfa'r Dref,  
Gwynedd.

Copy sent to Chief Engineer.

EG00786-01/00/03/04/05/07

C.203/8 & C1/24/11 MH/AL.

11th August, 1970.

Dear Sir,

Rivers (Prevention of Pollution) Acts 1951 - 1961  
Caernarvon Sewerage and Sewage Disposal Scheme  
Discharge of Storm Sewage

With reference to your application of the 20th May 1970, the Gwynedd River Authority in pursuance of their powers under the above Acts, hereby consent to the discharge of storm sewage into the watercourses mentioned hereunder in accordance with the plans submitted.

- 3 S.O. No. 1 River Seiont on its right bank, adjacent to the Sewage Treatment Works when the incoming flow of sewage to the treatment works exceeds six times dry weather flow.
- 4 S.O. No. 2 Menai Strait at Dock Road when the flow in the sewer entering the storm overflow chamber exceeds six times dry weather flow.
- 5 S.O. No. 3 Menai Strait at Bank Quay when the flow in the sewer entering the storm overflow chamber exceeds six times dry weather flow.
- 6 S.O. No. 4 River Cadnant, opposite Oil Works (about 700 yards upstream of the bottom of Gypay Hill) when the flow in the sewer exceeds ten times dry weather flow.
- 7 S.O. No. 5 River Cadnant about 50 yards upstream of the bottom of Gypay Hill when the flow in the sewer exceeds ten times dry weather flow.
- 8 S.O. No. 6 River Cadnant at Mill Lane when the flow in the sewer exceeds six times dry weather flow.
- 9 S.O. No. 7 River Seiont at Seiont Mill Lane when the flow in the sewer exceeds six times dry weather flow.

Subject to the discharge being screened or suitably baffled to prevent the discharge of solid matter and restricted to these flows in excess of six times dry weather flow in respect of storm overflows 1, 2, 3, 6 and 7 and the flows in excess of ten times dry weather flow in respect of storm overflows 4 and 5.

The terms of this consent will not, without the consent in writing of the person to whom this consent is given (or his successor) be altered before the expiration of the period ending with the 31st December, 1972.

Yours faithfully,

  
Clerk of the Authority

The Clerk,  
Royal Borough of Caernarvon,  
Stryddfa'r Dref,  
CAERNARVON.

Copy sent to Chief Engineer.

CSO REVOCATIONS - PROGRESS FORM

Consent No.	CG0078601
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Technical Officer (RCEU Officer)	DATE	INITIALS
Notice Produced	23/2/94	MS
Effective Credit Date <u>1</u> <u>7</u> <u>91</u>		
Notice passed to Consents Officer	23/2/94	MS

Consents Officer

Notice approved and passed to RCEM	25/2/94	SAS
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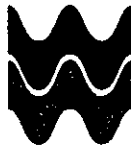
Regional Consents and Environment Manager

Notice Signed and passed to TO	2/3/94	SW
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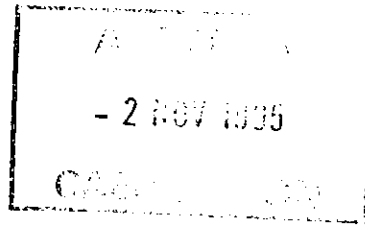
Technical Officer (RCEU Officer)

Signed Notice received and issued	4 MAR 1994	MS
Copy sent to Technical Support Officer to file	14/3/94	JTT
Consent input to Discharge Database		
Checked on Discharge Database		
Input to CFD Database		
Checked on Charge Preview Report		

PC 530



DŴR CYMRU  
WELSH WATER



Mr. A. G. Dixon,  
Area Environmental Quality Manager,  
National Rivers Authority,  
Highfield,  
Priestley Road,  
Caernarfon,  
Gwynedd.  
LL55 1HR

Dyddiad/Date:

1st November 1995

Ymholiadau/Enquiries:

Mr. D. H. Bevan.

Ein Cyf/Our Ref:  
DHB/SMWJ/Consents

Eich Cyf/Your Ref:

Dear Sir,

CAERNARFON STW CSO CONSENT CG0078601

Thank you for your letter dated 25th October 1995.

We confirm our acceptance of your course of action to reinstate the consent as outlined in the letter.

Yours faithfully,

**T. P. WOODWARD**  
**DIVISIONAL SCIENTIST**

Rhanbarth y Gogledd Maes y Ffynnon Penrhosgarnedd  
Bangor Gwynedd LL57 2DJ  
Ffôn:(01248) 351144 Teleffacs:(01248) 355192

Dŵr Cymru Cyf, cwmni cyfyngedig wedi'i gofrestru yng Nghymru Rhif 2366777  
Un o grŵp cwmnïau Welsh Water PLC  
Swyddfa Gofrestredig: Plas y Ffynnon Ffordd Cambria Aberhonddu Powys LD3 7HP



Northern Division Maes y Ffynnon Penrhosgarnedd  
Bangor Gwynedd LL57 2DJ  
Tel:(01248) 351144 Telefax:(01248) 355192

Dŵr Cymru Cyf, a limited company registered in Wales No 2366777  
One of the Welsh Water PLC group of companies  
Registered Office: Plas y Ffynnon Cambrian Way Brecon Powys LD3 7HP

Your Ref:  
Our Ref: 3/EQ/PC/530/EJ

Date: 25 October 1995  
Enquiries: E Jones

Mr. T P Woodward  
Divisional Scientist  
Dwr Cymru Welsh Water  
Maes y Ffynnon  
Penrhosgarnedd  
Bangor  
Gwynedd  
LL57 2DJ

Dear Sir

Caernarfon STW CSO Consent CG0078601

Following your application to review the settled storm consent for the above works it was found upon verification of the consents that consent CG0078601 has been resolved in error. This consent is for the discharge of storm sewage when incoming flows exceed 6 x DWF.

Given that the above consent is still required the Authority proposes to reinstate this consent on both the Discharges Register and Charging for Discharges.

Can you please confirm your acceptance of this course of action.

Yours sincerely

  
A G Dixon  
Area Environmental Quality Manager

(PC5751)



Awdurdod Afonydd Cenedlaethol  
Rhanbarth Cymru



National Rivers Authority  
Welsh Region

WATER RESOURCES ACT 1991  
SCHEDULE 10 - REVOCATION OF CONSENTS AND  
ALTERATION AND IMPOSITION OF CONDITIONS

Consent No: CG0078601

To: DWR CYMRU CYFYNGEDIG

Of: Plas-Y-Ffynnon  
Cambrian Way  
Brecon  
Powys  
LD3 7HP

For: A discharge of STORM SEWER OVERFLOW

To: SEIONT

From: CAERNARFON SSO NO. 1

In accordance with the powers contained under paragraph 6(2) of Schedule 10 to the Water Resources Act 1991, the Authority has reviewed the above consent, and hereby gives NOTICE that with effect from the date hereof, the said consent is REVOKED.

RIGHT OF APPEAL

If you wish to appeal against this decision you should write to the Secretary of State for Wales at the Welsh Office, Cathays Park, Cardiff enclosing a copy of this Notice.

**24 MAR 1994**

Dated.....

Signed..... *Ans Gee*

Rheolwr Cyffredinol Rhanbarthol  
Dr John Stoner  
Highfield  
Ffordd Priestley  
Caernarfon  
Gwynedd  
LL55 1HR  
Ffôn: Caernarfon (0286) 672247  
Ffacs: (0286) 674451

Regional General Manager  
Dr John Stoner  
Highfield  
Priestley Road  
Caernarfon  
Gwynedd  
LL55 1HR  
Tel: Caernarfon (0286) 672247  
Fax: (0286) 674451



NATIONAL RIVERS AUTHORITY  
RHANBARTH CYMRU  
WELSH REGION

T E L E F A X

FROM: ROSEMARY

NATIONAL RIVERS AUTHORITY  
WELSH REGION  
HIGHFIELD  
PRIESTLEY ROAD  
CAERNARFON  
GWYNEDD LL55 1HR

Telephone: (0286) 672247  
Telefax: (0286) 4451

TO: BECKY CARRINGTON ST. MELLONS

...!... SHEET(S) TO FOLLOW

SHOULD YOU HAVE ANY QUERIES RELATING TO THIS TELEFAX PLEASE TELEPHONE  
THE ABOVE NUMBER

Copy of Consent EG00786-01 as requested





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)

<b>Regional/Area Address:</b>	<i>Official Use Only</i>
	<i>Dist/Area Ref:</i>
	<i>Application No.</i> C9 0078601
	<i>Date Received:</i> 31/10/03
	<i>Fee Received:</i> 31/10/03

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.

Caernarfon WwTW Inlet Pumping Station (6mm screen consent)  
Caernarfon Waste Water Treatment Works,  
Ffordd Santes Helen (St Helens Road)  
Caernarfon,  
Gwynedd.

Post Code:

LL55 2YG

## 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*)

☐

N/A

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

Average Spill  
Volume = 289m3

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

Detailed criteria contained in Caernarfon uCSO Study (phase 3 report) reference RT-NW-2292-02. The results are from the Hydroworks Model.

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*)

☐

750 mm dia. (via surface water culvert)

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

S	H	4	8	0	0	9	6	1	8	9	0
---	---	---	---	---	---	---	---	---	---	---	---

(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*)

N/A

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

S	H	4	8	0	8	7	6	1	9	0	8
---	---	---	---	---	---	---	---	---	---	---	---

(please indicate on accompanying plans)

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

Not Applicable

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 ☒

Screening: The first 400l/s of spill is pumped and screened through 6mm Mechanically raked mesh screen (Type: Huber Rotamat Stormscreen). Flows in excess of 400 l/s are screened via an 10mm bar screen (see separate consent).

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

☒ Y/☐ N

N/A

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

31/12/03

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.

Under Storm Conditions

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*).

Consent No. CG0078601

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.

N/A

### 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 ( <i>please specify</i> ) | <input type="checkbox"/> | 10. Other ( <i>please specify</i> ) | <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"/> |   |                          |

Dwr Cymru Welsh Water

#### 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 Seiont (River Seiont). The discharge point is immediately upstream of the normal tidal limit of River Seiont. The river will experience tidal influence on extreme tidal events.

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

(e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres.

N/A

(f) For boreholes, state details of lining in metres: **NOT APPLICABLE**

(i) Depth of lining

N/A

(ii) Depth of perforated lining

N/A

(iii) Depth of unperforated lining

N/A

(g) A percolation test must be carried out in accordance with British Standard BS6297:1983.

Have the results been provided? **NOT APPLICABLE**

~~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).

**NOT APPLICABLE**

## 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: 01443 452300

Company Registration Number (if appropriate): 2366777

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

\*

\*

\*

\*

\*

\*

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: N/A

\*

\*

\*

\*

\*

\*

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.

N/A

## 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)

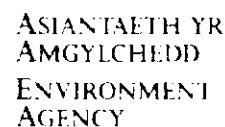
SIGNED: ..... <i>J P Edwards</i> ..... PRINT NAME: ..... <i>J P Edwards</i> .....	
ON BEHALF OF: .....DWR CYMRU CYF.....	DATED: ..... <i>10/10/03</i> .....

## 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



## SEWAGE EFFLUENT DISCHARGED IN STORM OR EMERGENCY CONDITIONS

**Official Use Only**  
**Application No.**

- Caernarfon WwTW Inlet Pumping Station (6mm screens consent),  
Caernarfon.

- 7

7

X

7

7

7

N/A
-----

- ¥/N

S	H	4	8	0	2	9	6	1	8	2	3
---	---	---	---	---	---	---	---	---	---	---	---

CG0078501

[illegible]

- ~~YAN~~

[illegible]

5. Overflow settings

a) Overflow setting to storm tanks	N/A
b) Maximum flow to storm tanks	N/A
c) Overflow setting to storm sewage overflow	219 l/s
d) Maximum flow to storm sewage overflow	400 l/s 30 year design storm

6. Storage capacity

a) Volume of Storm tanks	N/A
b) Retention time of storm tanks at maximum flow	N/A
c) Storage capacity of sewer/wet well	240 m <sup>3</sup> in emergency 120 m <sup>3</sup> in storm

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

Design criteria contained in Caernarfon uCSO study ( Phase 3 ) reference RT-NW-2292-02 Oct 2003.

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

Y/~~N~~

If yes, please give details.

Alarms provided for failure of pumps in emergency condition. Telemetry facilities provided to monitor frequency and duration of spills.

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).

The first 400 l/s of spill is pumped and screened through 6mm mechanically raked mesh screen (Type: Huber Rotamat Stormscreen). Spills in excess of 400 l/s up to 624l/s are screened to 10mm standard (covered by a separate consent)

10. What provisions will be made to deal with:

a) power failure (eg standby generators)?

Automatic standby generation & emergency storage (40min @ 3DWF)

b) mechanical breakdown (eg standby pumps)?

Pumps operate on a duty/assist basis.

c) rising main failure?

Not Applicable

d) tanker access?

Yes-site road located adjacent to Inlet Pumping Station

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.





## ANNEXE 3 TRADE EFFLUENT DISCHARGES

Please complete this annexe if you are proposing to make a discharge trade effluent (this includes site drainage).

*Official Use Only*  
*Application No.*

1. Site Name.

Caernarfon Waste Water Treatment Works,  
Caernarfon.

2. a) Describe in full the trade effluent and the process(es) from which it arises.

Trade effluents are consented from four traders in the catchment area.

1. Laundrette, LL55 1RB – wastewater derived from the washing of laundry only.
2. Slaughtering/meat processing, LL55 2BD – wastewater from an abattoir after screening and settlement.
3. Coach & Bus Washing, LL55 2BD – effluent from a bus wash after an oil interceptor.
4. Public Swimming Pool, LL55 1DU – swimming pool water & filter backwash water.

b) Please state the type and number of treatment units you are proposing to use (*if site drainage please include details of oil/petrol interception facilities*).

Not Applicable

3. Rainfall Dependent Discharges **Not Applicable**

a) Is the volume going to be rainfall dependent?

☒ N

b) If yes, please give the total area drained.

N/A

c) Please give details of any activities which occur in the drainage area which could contaminate surface water (see note b)

N/A

4. Rainfall Independent Discharges

a) What is the maximum rate of discharge?

N/A

b) What is the average daily flow?

N/A

c) For discharges where the source of supply is other than mains water:

i) give the abstraction licence number

N/A

ii) give the National Grid Reference of a point where the influent can be sampled.

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

(please mark on the plan)

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

These discharges are controlled through trade effluent legislation within the Water Industry Act and are monitored regularly by trade effluent staff for monitoring and charging purposes.

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

N/A

6. a) Please state the maximum temperature in degrees Celsius of the effluent when discharged if different from ambient.

N/A

- b) Will the discharge be monitored for temperature? Y/N  
If yes, please give details of type and location (*please indicate on plan*)

N/A

7. Has an application for Authorisation been made for a 'prescribed process' as defined in Part 1 of the Environmental Protection Act 1990? Y/N

If yes, please complete the following:

- a) The application reference.

N/A

- b) Contact name of case officer.

N/A

8. a) Please indicate if any of the specified substances given below or their compounds will be present in the effluent and if so at what maximum concentration (please give values in micrograms per litre - ug/l). Please see note c. **Not Applicable**

SUBSTANCE	CONCENTRATION (ug/l)			SUBSTANCE	CONCENTRATION (ug/l)		
	Max	Min	Mean		Max	Min	Mean
Iron				Lead			
Arsenic				Malathion			
Atrazine				Mercury			
Azinphos-ethyl				Nickel			
Azinphos-methyl				PCB's			
Boron				PCSD's			
Cadmium				Parathion			
Carbon tetrachloride				Parathion-methyl			
Chloroform				Pentachlorophenol (PCP)			
Chromium				Perchloroethylene			
Copper				Permethrin			
Cyanide				pH <5.5 or >9.0			
Cyfluthrin				Phosphorus			
DDT				Polychlorinated biphenyls			
1,2 Dichloroethane				Simazine			
Dichlorovos				Sulcofuron			
Dioxins				Tetrachloroethylene			
Drins (eg Aldrin, Dieldrin)				Tributyltin compounds			
Endosulfan				Trichlorobenzene			
Fenitrothion				Trichloroethane			
Fenthion				Trichloroethylene			
Flucifuron				Trifluralin			
Hexachlorobenzene (HCB)				Triphenyltin compounds			
Hexachlorobutadiene (HCBd)				Vanadium			
Hexachlorocyclohexanes (HCH's)				Zinc			

- b) Are there any other significant chemical components used on site which may be contained in the effluent, including biocides or additives? N  
If yes, please give details.

Not Applicable

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

- a) For direct trade effluent discharges, full details of the type of the effluent are required (eg cooling water from air conditioning units), along with typical analytical details and the results of any toxicity studies on the effluent or its constituents. In certain circumstances the Agency may require that specific samples be taken and tests and analysis carried out. The Agency is empowered to recover any costs incurred as a result of special studies.*
- b) Possible sources of contamination include oil/chemical storage areas, vehicle loading/unloading areas, heavy vehicle parking areas and oil/petrol filling points. Any other potential sources of contamination should be detailed.*
- c) Where discharges of trade effluent take place to a sewerage system, as covered by this application, please give details of all authorised discharges of substances listed in table 8 overleaf.*



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.

Caernarfon Waste Water Treatment Works (6mm screen consent),  
Caernarfon

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

☒ N

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

N/A

**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):

750 mm

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

N/A

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

☒ Y

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

**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:  
Annexe 2 only. Annexe 1 not applicable. See accompanying application for variation of existing final effluent

*Tick*

8. Please state:

Population served (head)	10765 residential; 2945 tourists;
Consumption (l/head/day) default = 180	180 l/hd/d residential; 71 l/hd/d tourist
Infiltration (m <sup>3</sup> /day)	1452
Industrial effluent flow (m <sup>3</sup> /day)	218.6 (consented trade effluent plus other metered consumption)
Dry Weather Flow (m <sup>3</sup> /day)	3818
SOC A (l/sec)	218.7
Predicted spill frequency (per annum)	31

**IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:**

- 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.**
- Agents making an application on behalf of a client, must attach their clients written authority.**
- 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.**

9696

# **CAERNARFON WWTW INLET PS CONSENT**

NORTH WALES E

Afon Seiont  
Mean High Water

Caernarfon WwTW  
Inlet Pumping Station

Surface Water culvert

NTL

9890

Discharge Point

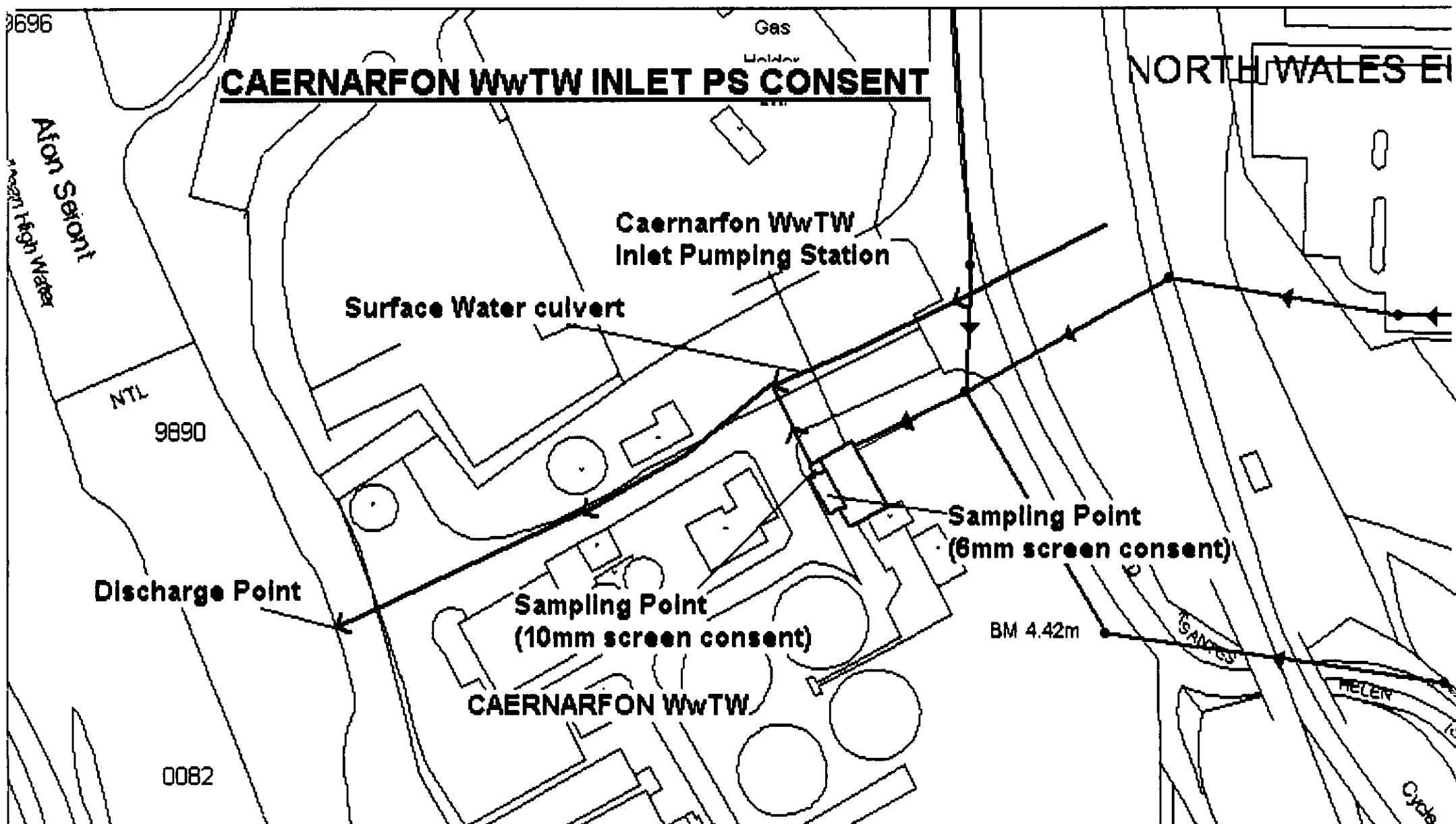
Sampling Point  
(10mm screen consent)

Sampling Point  
(6mm screen consent)

BM 4.42m

CAERNARFON WWTW

0082



CONSENT NO. CG0078601



ASiantaeth Yr  
Amgylchedd Cymru  
ENVIRONMENT  
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

**COPY** (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

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 STORM SEWAGE**, as follows:

with respect to Consent No. CG0078601 issued on the 11<sup>th</sup> August 1970

**FROM: CAERNARFON WWTW INLET PUMPING STATION (6MM)**

**AT: CAERNARFON WWTW, ST HELENS ROAD, CAERNARFON, GWYNEDD**

**TO: AFON SEIONT**

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

Storm Sewage

Schedule No. CG0078601 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, 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 27<sup>th</sup> day of February 2004

This variation of consent takes effect on the 31<sup>st</sup> day of March 2004

Signed .....

**IWAN THOMAS**

Environment Management Team Leader





<b>CONSENT NO.</b>	<b>CG0078601</b>
<b>SCHEDULE NO.</b>	<b>CG0078601 01</b>
<b>DATE ISSUED</b>	<b>27<sup>th</sup> February 2004</b>



**ASiantaeth Yr  
Amgylchedd Cymru  
Environment  
Agency Wales**

## **CONDITIONS OF CONSENT TO DISCHARGE**

**Storm Sewage ("the Discharge")**

**FROM: Caernarfon WwTW Inlet Pumping Station (6mm), Caernarfon  
WwTW, St Helens Road, Caernarfon, Gwynedd LL55 2YG**

### **NATURE**

1. The Discharge shall consist solely of storm sewage.

### **LOCATION**

2. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a 750 millimetre diameter pipe;
  - (b) discharging to Afon Seiont;
  - (c) at National Grid Reference SH 48009 61890;
  - (d) shown marked Consent Point on Plan CG0078601 attached as Annex 2.

### **SAMPLING POINTS**

3. A sample point shall be provided and maintained at National Grid Reference SH 48087 61908, as shown marked 'Discharge Sample Point' on the attached Plan number CG0078601, 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.





CONSENT NO.	CG0078601
SCHEDULE NO.	CG0078601 01

## VOLUME

4. The Discharge shall occur only when the rate of flow in the sewer at the inlet pumping station exceeds 219 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure.
5. A storm sewage storage facility of 120 cubic metres design capacity shall be provided and fully utilised prior to discharge being made.

## COMPOSITION

6.
  - (a) The discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6mm in two dimensions.
  - (b) The screening device shall be maintained in an efficient operational condition.
  - (c) All screenings must be removed and disposed of in a manner such as to prevent entry to the discharge.
7. 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" (set out in Annex 1 to this notice as updated from time to time and notified to the Consent Holder in writing), and any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

## MAINTENANCE

8. The overflow shall be maintained in an efficient operational condition.



<b>CONSENT NO.</b>	<b>CG0078601</b>
<b>SCHEDULE NO.</b>	<b>CG0078601 01</b>



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Environment  
Agency Wales**

## **RECORDING AND REPORTING**

9. (a) A recording system shall be provided and maintained to record the frequency and duration of overflow events.
- (b) On request, the Consent Holder shall supply the Agency with a written report on the frequency and duration of overflow events.

## **TELEMETRY FOR SCREENING FAILURE**

10. (a) A 24 hour response telemetry alarm system shall be provided by start of commissioning of the overflow.
- (b) The 24 hour response telemetry alarm shall be maintained to provide a notification in the event of a failure of the screen raking mechanism during normal operation.
- (c) The Consent Holder shall notify the Agency, at least within 24 hours after receipt of a telemetry warning, that the failure has taken place.
- (d) On request the Consent Holder shall supply the Agency with a written report on the screen raking mechanism failure. The report shall detail the reasons why the situation occurred, the actions taken by the Consent holder and an assessment of what measures can be adopted in the future to minimise such occurrences.

## **START DATE**

11. Until discharge is permitted under the terms of this consent, the quality of the effluent from Caernarfon Sewage Treatment Works shall be controlled under the terms of the consent issued on 11<sup>th</sup> August 1970.  
There shall be no discharge under the terms of this consent until the 31<sup>st</sup> March 2004 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.





# ANNEX 1

- |  |                              |
|--|------------------------------|
| 1. Mercury and its compounds   | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane<br>(lindane and related compounds)            | 4. Carbon tetrachloride      |
| 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.



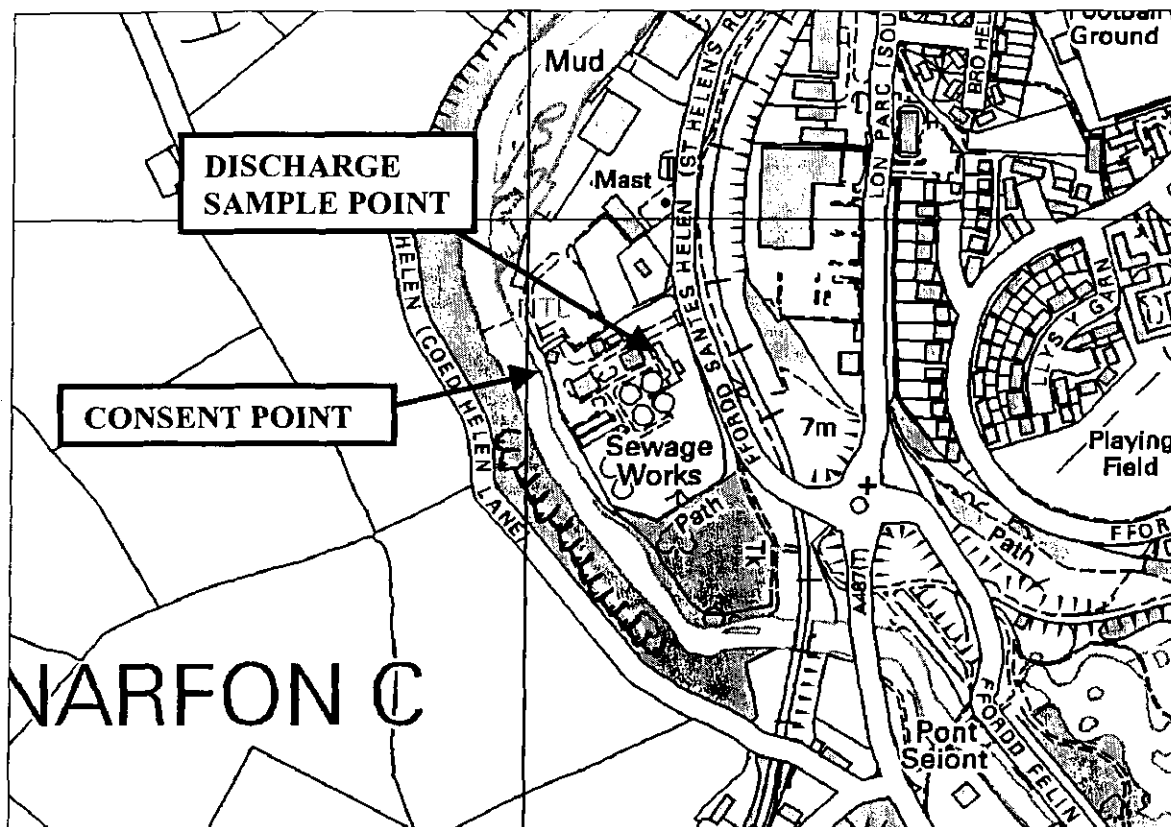
CONSENT NO.	CG0078601
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Amgylchedd Cymru  
Environment  
Agency Wales

## ANNEX 2

PLAN No. CG0078601



NOT TO SCALE





ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

Eich cyf/Your ref.  
Ein cyf/Our ref. IH/RP/CG0078601  
Enquiries Ruth Prichard  
Dyddiad/Date: 1<sup>st</sup> March 2004

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

COPY

Dear Sir/Madam,

**RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE NO CG0078601.**

Further to your application for variation of consent of the Agency to discharge under the provisions of Section 88 of the Water Resources Act 1991, I enclose the Agency's formal notice of the variations made to the conditions of the consent to discharge storm sewage from Caernarfon WwTw Inlet Pumping Station (6mm), Caernarfon WwTw, St Helens Road, 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. This charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

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 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.





**ASiantaeth yr  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES**

If you have any queries regarding the enforcement of this consent, please contact Iwan Thomas Team Leader Environment Protection, Environment Agency, Lliwyrn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd, LL57 4DE.

Yours sincerely,

**Kelvin Graham**  
**Team Leader Customer Contact and Authorisations**  
Enc.

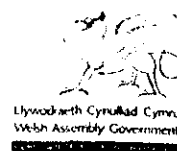
**Asiantaeth yr Amgylchedd Cymru**  
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ  
Ffon 01244 550124 Ffacs 01244 550144

**Environment Agency Wales**  
Chester Road, Buckley, Flintshire CH7 3AJ  
Tel 01244 550124 Fax 01244 550144





# 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:

Dr Kate Smith

Ffon/Tel: 01248 672500 Ffacs/Fax: 01248 679251

Ebost/Email: k.smith@ccw.gov.uk

North West Area Office

Llys y Bont

Parc Menai

Bangor

Gwynedd

LL57 4BH

RECEIVED  
26 JAN 2004

Kelvin Graham  
Team Leader Customer Contact & Authorisations  
Environment Agency Wales  
Chester Road  
Buckley  
Flintshire  
CH7 3AJ

Ein cyf/Our ref: KS/SH57.100.14

Eich cyf/Your ref: IH/RP/App. No. as below

COPY  
22<sup>nd</sup> January 2004

Dear Kelvin

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER STORM OR EMERGENCY CONDITIONS BY DWR CYMRU CYF FROM;**

**CAERNARFON WWTW INLET PUMPING STATION, APPLICATION NO: CG0415001, CG0078601**

**CAERNARFON WWTW STORM TANKS, APPLICATION NO: CG0078502**

**MINT Y NANT CSO, APPLICATION NO: CG0163501**

**WATERLOO PORT PUMPING STATION, APPLICATION NO: CG0147101**

**CROSSVILLE CSO, APPLICATION NO: CG0163701**

**BALACLAVA ROAD PUMPING STATION, APPLICATION NO: CG0163901**

Thank you for sending us copies of the applications for the above discharge consents including the Appendix 11 forms.

We do not envisage that any of the discharges will have a significant impact on the features of the Menai Strait and Conwy Bay candidate Special Area of Conservation.

Yours sincerely

Kate Smith  
Marine Conservation Officer  
North West Area



## 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 please fill in details detailed below is within the Stage 1 criteria of please fill in details, 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 local project officer in consultation with  
Conservation ecology section and EN/CCW

1. Type of permission/activity:	Water Resources Act (1991) (as amended by Environment Act 1995) consent to discharge
2. Agency reference no:	1.) CG0415001 2.) CG0078601 3.) CG0078502 4.) CG0163501 5.) CG0147101 6.) CG0163701 7.) CG0163901
3. National Grid reference:	1.) SH 48009 61890 2.) SH 48009 61890 3.) SH 48034 61826 4.) SH 48856 62742 5.) SH 48631 64109 6.) SH 47805 63232 7.) SH 47805 63232

<p>4. Site reference:</p>	<p>1.) Caernarfon WwTW Inlet Pumping Station Caernarfon WwTW St Helens Road Caernarfon Gwynedd LL55 2YG</p> <p>2.) Caernarfon WwTW Inlet Pumping Station Caernarfon WwTW St Helens Road Caernarfon Gwynedd LL55 2YG</p> <p>3.) Caernarfon WwTW Storm Tanks Caernarfon WwTW St Helens Road Caernarfon LL55 2YG</p> <p>4.) Min Y Nant CSO Llanberis Road Caernarfon Gwynedd LL55 2DF</p> <p>5.) Waterloo Port Pumping Station Waterloo Port Caernarfon Gwynedd LL55 1LP</p> <p>6.) Crossville CSO Balaclava Road Caernarfon Gwynedd LL55 1TG</p> <p>7.) Balaclava Road Pumping Station Balaclava Road Caernarfon Gwynedd LL55 1TG</p>
---------------------------	---

5. Brief description of proposal:	An application to discharge: 1.) Up to 10m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 2.) Up to 289m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 3.) Up to 10377.3m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 4.) Up to 56m <sup>3</sup> per day of sewage effluent into the River Cadnant under storm or emergency conditions 5.) Up to Sewage effluent into the Menai Strait under storm or emergency conditions 6.) Up to 121m <sup>3</sup> per day of sewage effluent into the Menai Strait under storm or emergency conditions 7.) Up to Sewage effluent into the Menai Strait under storm or emergency conditions	
6. European site name(s) and status:	Y Fenai a Bae Conwy / Menai Strait and Conwy Bay CSAC UK0030202 Afon Seiont - SSSI	
7. List of interest features:	1.12 Estuarine and intertidal habitats  1.13 Submerged Marine habitats	
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:

<b><u>Menai Strait and Conwy Bay cSAC</u></b>		
<b><u>1.12 Estuarine and Intertidal habitats</u></b> Large shallow inlets and bays Mudflats and sandflats not covered by seawater at low tide	A, b, d, e, f, g, h	
<b><u>1.13 Submerged marine habitats</u></b> Reefs Sandbanks that are slightly covered by sea water all the time Submerged or partly submerged sea caves	A, b, d, e, g, h	

<b>10. Is the potential scale or magnitude of any effect likely to be significant?</b>	
<b>a) Alone?</b> (explain conclusion, e.g. in relation to de minimus criteria)	No – See Point 11
<b>b) In combination with other plans or projects?</b> (Explain conclusion and which plans/projects have been included, including those associated with other functions).	No – See Point 11

# APPENDIX 11

Stage 2

## FORM HROI PROFORMA

<p><b>11. Conclusion:</b>  <b>Is the proposal likely to have a significant effect 'alone or in combination' on a European site?</b>          (justification – attach any relevant supporting information)</p>	<p>No - These discharge consent applications form part of a programme of improvements within the Caernarfon area, which fall under the AMP scheme. In combination these should allow improved regulation of the discharges and improve overall water quality.</p> <p>Each of the applications relates to an existing intermittent discharge, subject to improvements in line with AMP standards.</p> <p>The scheme, as a whole has been considered with regard to water quality and aesthetics and improvements include the provision of storage along with 6mm and 10mm screens</p> <p>It is anticipated that these discharges will have little impact upon the designated habitat sites</p>	
<p><b>12. Name of EA Officer:</b></p>	<p>Charlotte Lloyd</p>	<p><b>Date:</b> 10 / 12 / 03</p>
<p><b>13. EN/CCW comment on assessment:</b></p>	<p>In agreement with the EAs assessment of this proposal, CCW do not envisage any likely significant impact on the features of the Menai Strait and Conwy Bay cSAC.</p>	
<p><b>14. Name of EN/CCW Officer:</b></p>	<p><i>Katoli</i></p>	<p><b>Date:</b> 22nd January 2004</p>
<p><b>IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope).</b></p>		

**Part B - SUGGESTED SCOPE OF THE APPROPRIATE ASSESSMENT**

- 

**15. EN/CCW Comment on scope of appropriate assessment:****16. Name of EN/CCW Officer:****Date:**

Ein cyf/Our ref. IH/RP/ CG0078601

Dyddiad/Date: 7<sup>th</sup> November 2003

Dŵr Cymru Cyf.,  
Pentwyn Road,  
Nelson,  
Treharris,  
Mid Glamorgan  
CF46 6LY



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

COPY

Dear Sir/Madam

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995), APPLICATION FOR CONSENT TO DISCHARGE SEWAGE DURING STORM OR EMERGENCY BY DWR CYMRU CYF FROM CAERNARFON WWTW INLET PUMPING STATION, CAERNARFON WASTE WATER TREATMENT WORKS, FFORDD SANTES HELEN, CAERNARFON, GWYNEDD, LL55 2YG**  
**APPLICATION NO: CG0078601**

Initial consideration has been given to the application and we find that we cannot proceed with the application until further information is provided. The attached notice gives details of the information required to enable us to proceed, and the timescale for providing us with the information.

If we do not hear from you by 28 days from this notice we may refuse to proceed with the application. If you need more time to collect the information please let us know before this date.

Legislation allows 4 months, from the date the application is complete, to determine your application. This 4-month period will not start until you have provided this information asked for.

When the full information is received, the Agency is required to advertise the application unless it considers that the proposed discharge is **unlikely to have** any appreciable effect on the receiving watercourse. This would involve placing a notice in local newspaper(s) and in the London Gazette at your expense. I will contact you again should advertising be required.

Details of your application for consent are placed on a public register, kept by the Agency and open for inspection by the public.

Yours sincerely

**Kelvin Graham**  
**Team Leader Customer Contact and Authorisations**

Please ask for Ext. 4502

Asiantaeth yr Amgylchedd Cymru  
Flordd Caer, Bwcle, Sir y Fflint CH7 3AJ  
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales  
Chester Road, Buckley, Flintshire CH7 3AJ  
Tel 01244 550124 Fax 01244 550144



Application No. CG0078601



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

# ENVIRONMENT AGENCY

WELSH REGION

**WATER RESOURCES ACT 1991 - SCHEDULE 10**  
**(as amended by the Environment Act 1995)**

## **NOTICE REQUIRING FURTHER INFORMATION TO SUPPORT APPLICATION FOR DISCHARGE CONSENT**

To: Dŵr Cymru Cyf., Pentwyn Road, Nelson, Treharris, Mid Glamorgan CF46 6LY

Application For Consent to discharge from Caernarfon WwTW Inlet Pumping Station,  
Caernarfon Waste Water Treatment Works,  
Ffordd Santes Helen,  
Caernarfon, Gwynedd LL55 2YG

In pursuance of its powers under paragraph 1(4) of Schedule 10 to the Water Resources Act 1991 the **Agency** gives you **NOTICE** that further information, as detailed in the attached Schedule, is required for the purpose of determining the above application for Consent and should be provided to the **Agency** at the following address within the period of (28 days) from the date of this notice.

Address to which information should be sent:

Miss Ruth Prichard  
Environment Agency Wales  
Chester Road  
Buckley Flintshire CH7 3AJ

Signed:

Date: 24/11/03

### NOTES

- 1 If you fail to provide the information required by this notice within the period specified above, we will refuse to proceed with your application.
- 2 You may apply to the Agency for this notice and any of the information provided in response to be excluded from the Public Register on the grounds that it is commercially confidential. Please include any application for confidentiality and associated reasons with your response to this notice.
- 3 If it appears to you that it would be contrary to the interests of national security for any information provided in response to this notice to be entered on the Public Register, you may give notice to that effect to the Secretary of State DEFRA/National Assembly for Wales. Please include a copy of any notice given to the Secretary DEFRA/National Assembly for Wales with your response to this notice.
- 4 Subject to any decision that the information provided in response to this notice is commercially confidential or would affect national security, it will be placed on the Public Register.

The Schedule is attached.

Asiantaeth yr Amgylchedd Cymru  
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ  
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales  
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Tel 01244 550124 Fax 01244 550144







ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

Application No.	CG0078601
Date issued	7 <sup>th</sup> November 2003

### **SCHEDULE OF FURTHER INFORMATION REQUIRED**

Could you please supply the following information:

In describing how values were calculated / derived, the application form refers to Caernarfon uCSO study (phase 3) report ref. RT-NW-2292-02, September 2003. This report has not been received by the Agency. Please submit a copy as supporting information to your application.

Asiantaeth yr Amgylchedd Cymru  
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ  
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales  
Chester Road, Buckley, Flintshire CH7 3AJ  
Tel 01244 550124 Fax 01244 550144





ASiantaeth yr  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. IH/RP/CG0415001/[REDACTED]/CG0078502/CG0163501/  
CG0147101/CG0163701/CG0163901

Dyddiad/Date: 10<sup>th</sup> December 2003

Kate Smith  
CCW,  
North West Area,  
Llys y Bont,  
Ffordd y Parc,  
Parc Menai,  
Bangor,  
Gwynedd, LL57 4BH

COPY

Dear Ms Smith,

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE  
ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR  
CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER STORM OR  
EMERGENCY CONDITIONS BY DWR CYMRU CYF FROM CAERNARFON WWTW  
INLET PUMPING STATION  
CAERNARFON WWTW STORM TANKS  
MIN Y NANT CSO  
WATERLOO PORT PUMPING STATION  
CROSSVILLE CSO  
BALACLAVA ROAD PUMPING STATION  
APPLICATION NO: AS ABOVE**

I append a copy of the application for consent to discharge received from Dwr Cymru Cyf and Appendix 11. If you have any comments regarding this application could you please respond by 24<sup>th</sup> December 2003.

Yours sincerely

**Kelvin Graham**  
**Team Leader Customer Contact & Authorisations**

Please ask for Ruth Prichard ext 4502

Asiantaeth yr Amgylchedd Cymru  
Ffordd Caer, Bwele, Sir y Fflint CH7 3AJ  
Ffôn 01244 550124 Ffacs 01244 550144

Environment Agency Wales  
Chester Road, Buckley, Flintshire CH17 3AJ  
Tel 01244 550124 Fax 01244 550144

# COPY

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## 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 please fill in details detailed below is within the Stage I criteria of please fill in details, and in order to progress the application a Stage 2 assessment and consultation with EN/CCW is required.**

<b>1. Type of permission/activity:</b>	Water Resources Act (1991) (as amended by Environment Act 1995) consent to discharge
<b>2. Agency reference no:</b>	1.) CG0415001 2.) CG0078601 3.) CG0078502 4.) CG0163501 5.) CG0147101 6.) CG0163701 7.) CG0163901
<b>3. National Grid reference:</b>	1.) SH 48009 61890 2.) SH 48009 61890 3.) SH 48034 61826 4.) SH 48856 62742 5.) SH 48631 64109 6.) SH 47805 63232 7.) SH 47805 63232

<b>5. Brief description of proposal:</b>	An application to discharge: 1.) Up to 10m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 2.) Up to 289m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 3.) Up to 10377.3m <sup>3</sup> per day of sewage effluent into the River Seiont under storm or emergency conditions 4.) Up to 56m <sup>3</sup> per day of sewage effluent into the River Cadnant under storm or emergency conditions 5.) Up to Sewage effluent into the Menai Strait under storm or emergency conditions 6.) Up to 121m <sup>3</sup> per day of sewage effluent into the Menai Strait under storm or emergency conditions 7.) Up to Sewage effluent into the Menai Strait under storm or emergency conditions	
<b>6. European site name(s) and status:</b>	Y Fenai a Bae Conwy / Menai Strait and Conwy Bay CSAC UK0030202 Afon Seiont - SSSI	
<b>7. List of interest features:</b>	1.12 Estuarine and intertidal habitats  1.13 Submerged Marine habitats	
<b>8. Is the proposal directly connected with or necessary to the management of the site for nature conservation?</b>	No	
<b>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?</b>		
<b>Sensitive Interest Feature:</b>	<b>Potential hazard:</b>	<b>Potential exposure to hazard and mechanism of effect/impact if known:</b>

<p><b>11. Conclusion:</b>  <b>Is the proposal likely to have a significant effect 'alone or in combination' on a European site?</b>          (justification – attach any relevant supporting information)</p>	<p>No - These discharge consent applications form part of a programme of improvements within the Caernarfon area, which fall under the AMP scheme. In combination these should allow improved regulation of the discharges and improve overall water quality.</p> <p>Each of the applications relates to an existing intermittent discharge, subject to improvements in line with AMP standards.</p> <p>The scheme, as a whole has been considered with regard to water quality and aesthetics and improvements include the provision of storage along with 6mm and 10mm screens</p> <p>It is anticipated that these discharges will have little impact upon the designated habitat sites</p>	
<p><b>12. Name of EA Officer:</b></p>	<p>Charlotte Lloyd</p>	<p><b>Date:</b> 10 / 12 / 03</p>
<p><b>13. EN/CCW comment on assessment:</b></p>		
<p><b>14. Name of EN/CCW Officer:</b></p>		<p><b>Date:</b></p>
<p>IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope)</p>		