

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 CG0078002

Nature of Discharge(s); SEWAGE EFF/STORM EFF/RAINFALL
at
LLANGFNI STW - SETTLED STORM

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:

(Please print name and position)

Water Resources Act 1991
as amended by the Environment Act 1995

Consents to Discharge
Certificate of Holder



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Part A DWR CYMRU CYFYNGEDIG

To: PENTWYN ROAD

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

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

Holder Start Date: 17/09/02

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CG0078002 Consent Issued: 17/09/2002

Nature of Discharge(s); SSOR Sewage - Storm effluent - Rainfall

at SH4609774394 LLANGFNI SETTLED STORM STW

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.

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

Part B Please complete in block capitals or type.

To:

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

Consent CG0078002

Name: DWR CYMRU CYFYNGEDIG

Consent Issued: 17/09/2002

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 new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s);

Signed:..... **Dated:**

Name (block capitals):..... **Position:**

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



ASiantaeth YR
AMGYLCHEDD

Tystysgrif Daliwr
DWR CYMRU CYFYNGEDIG

Rhan A

At:

PENTWYN ROAD

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

DS: I gorff corfforedig mae teitl y swydd yn bwynt cysylltu.
Dyddiad Cychwyn Daliwr: 13/09/02

Mae **Asiantaeth yr Amgylchedd** ("yr Asiantaeth") yn cadarnhau drwy hyn mai/bod y sawl a enwyd uchod yw/yn ddaliwr cofrestredig y caniatâd
CG0078001 Cyhoeddwyd Caniatâd: 13/09/2002
STEC Treated sewage Effluent - Continuous

SH4609774396 LLANGFNI WASTE WATER TREATMENT WKS
Natur y gollwng:
yn

Nodyn: Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb y gollwng i rywun arall, rhaid i chi gyflwyno'r caniatâd iddo ef neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. **Ni all y daliwr wadu cyfrifoldeb y gollwng, ond gall cofrestrïad y daliwr gael ei drosglwyddo i olynnydd.** I wneud hynny, byddwch cystal â llenwi'r ffurflen isod, ei datgysylltu a'i dychwelyd i'r cyfeiriad a nodir. Os methwch drosglwyddo'r caniatâd, hyd yn oed os nad ydych chi y safle mwyach, gallwch fod yn agored yr un fath i gael eich erlyn am lygru. Os trosglwyddwch y caniatâd ond heb ddweud wrthom, byddwch yn cyflawni trosedd. Os bydd gennych ymholiadau, byddwch cystal â chysylltu â swyddfa Asiantaeth yr Amgylchedd yn lleol.

Rhan B Llenwch mewn priflythrennau bras neu deipio.

At:

Deddf Adnoddau Dwr 1991: Hysbysiad am drosglwyddo caniatâd gollwng
CG0078001

DWR CYMRU CYFYNGEDIG

Caniatâd: Cyhoeddwyd Caniatâd: 13/09/2002

Enw:

Cyfeiriad:

PENTWYN ROAD

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

Yr wyf fi/Yr ydym ni* drwy hyn yn hysbysu'r Asiantaeth nad fi/ni/nad wyf/ydym mwyach yw/yn* Ddeiliad y caniatâd uchod. Caiff/Cafodd hwnnw ei drosglwyddo i:

*dilewch yn ôl yr angen

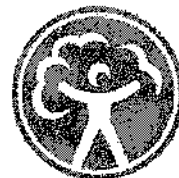
Enw(au) y Daliwr/Dalwyr newydd:

Cyfeiriad:

Cod Post:

Dyddiad Trosglwyddo i'r Daliwr/Dalwyr newydd:

Llofnodwyd: **Dyddiedig:**



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 <i>Dist/Area Ref:</i> <i>Application No.</i> CA 0078002 <i>Date Received:</i> 02/12/2004 <i>Fee Received:</i> 02/12/2004
---	---

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.

Llangefni Wastewater Treatment Works
Industrial Estate Road
Llangefni
Yns Mon

Post Code:

LL77 7JA

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

N/A m³/day

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

10 spills per year. Max spill volume 1367m³. Total year = 5792m³. Peak spill rate 114l/s
(See Options Report Li714-040A)

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 of 375mm dia is existing

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

S	H	4	6	0	9	7	7	4	3	9	4
---	---	---	---	---	---	---	---	---	---	---	---

(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)

Sampling point at storm tank

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

S	H	4	6	5	0	7	7	4	6	0	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

☒

Storm tank of 810m3 provided

- 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?

31/3/05

- 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 flow exceeds 150l/s and storm tank is full

- 2.7 a) Are there any existing consents for discharges from the premises (see note vi)?
If yes, please give the reference numbers (Any further information should be given in Section 5.3).

Y/N

Storm sewage is discharged under consent reference number CG0078002 dated 10/11/87

- 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.

Ynys Mon County Council

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

1. Single Dwelling

☐

6. Fish Farm

☐

2. Multiple Dwellings

☐

7. Mineral Workings

☐

3. Industrial Premises

☐

8. Water Services plc STW

☒

4. Vehicle Parking Area

☐

9. Water Supply

☐

5. Commercial Premises (please specify)

☐

10. Other (please specify)

☐

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

- | | | | |
|--|-------------------------------------|---|--------------------------|
| 1. Well | ☐ | 5. River (please give name below) | ☐ |
| 2. Borehole | ☐ | 6. Estuary (please give name below) | ☐ |
| 3. Precipitation (eg rain or snow) | ☐ | 7. Coastal Water (please give name below) | ☐ |
| 4. Mains (please state water supply company) | ☒ | | |

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) | ☒ | 5. Into Land | ☐ |
| 2. River or Stream (non-tidal) | ☐ | 6. Onto Land | ☐ |
| 3. Canal | ☐ | 7. Directly into Groundwater | ☐ |
| 4. Lake, Lock or Pond | ☐ | 8. Coastal Water (see note vii) | ☐ |

State name of receiving water if known:

Afon Cefni

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: J P Edwards PRINT NAME: J P Edwards
ON BEHALF OF: DWR CYMRU CYF DATED: 30/11/04

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



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AGENCY

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 Annex 3 should also be completed).

Official Use Only
Application No.

1. Site Name.

Llangefni Wastewater Treatment Works

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.

S	H	4	6	0	9	7	7	4	3	9	6
---	---	---	---	---	---	---	---	---	---	---	---

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)

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

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

☒ 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 | 150l/s |
| b) Maximum flow to storm tanks | (1 in 5 year spill)
126l/s |
| c) Overflow setting to storm sewage overflow | N/A l/s |
| d) Maximum flow to storm sewage overflow | N/A l/s |

6. Storage capacity

- | | |
|--|--------------------|
| a) Volume of Storm tanks | 810m ³ |
| b) Retention time of storm tanks at maximum flow | 1.78hrs |
| c) Storage capacity of sewer/wet well | N/A m ³ |

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

Based on Options Report Li902-04-0A Section 4

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

Y/N

If yes, please give details.

Telemetry provided

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 are screened through a 6mm particle size screens prior to stormwater separation

10. What provisions will be made to deal with:

- a) power failure (eg standby generators)?

Permanent stand-by power generation is not provided at this works. Facility exists to allow portable equipment to be connected if required

- b) mechanical breakdown (eg standby pumps)?

N/A

- c) rising main failure?

No failure of rising main is anticipated

- 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.



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.

Llangefni Wastewater Treatment Works

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

There are 7 trade consents derived from:

- Manufacturer of organic chemicals x2 Max permitted discharge 250+250m³/d
- Washing of vehicles and yard drainage 5m³/d
- Slaughter, processing and packing of poultry 1000m³/d
- Cheese making 636m³/d
- Slaughtering and meat processing 100m³/d
- Pool backwash and top up water 65m³/d

Total permitted discharge if all discharge their permitted max flows: 2306m³/d

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).

n/a

3. Rainfall Dependent Discharges - Not Applicable

a) Is the volume going to be rainfall dependent?

Y/N

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

N/A m²

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 – Refer to attached Trade Information sheet

a) What is the maximum rate of discharge?

See attached sheet 1

b) What is the average daily flow?

See 2a above

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 discharge legislation within the Water Industry Act and 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*)

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*)

7. Has an application for Authorisation been made for a 'prescribed process' as defined in Part 1 of the Environmental Protection Act 1990? Not Applicable
Y/N

If yes, please complete the following:

- a) The application reference.

- b) Contact name of case officer.

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.

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? Y/N
If yes, please give details.

No. No change in discharges have been observed or declared by the traders and normal determinands are suite analysed. None of the above substances are known to be present and there are no known red or grey list chemicals in the trade discharges disposed of by Llangefni WwTW.

NB Engraving of printing cylinders company no longer trading

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.*



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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.

Llangefni Wastewater Treatment Works

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):

Pipe of 375mm dia is existing

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

As per DCWW Business Plan

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 2 applicable for Storm Consent Application

Tick

N/A

8. Please state:

Population served (head)	6587
Consumption (l/head/day) default = 180	180
Infiltration (m ³ /day)	422.5
Industrial effluent flow (m ³ /day)	3006
Dry Weather Flow (m ³ /day)	4614
Soc A (l/sec)	188
Predicted spill frequency (per annum)	10

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 CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref: CG0078002

Date: 2nd December 2004

Tony Andrews
Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

F.A.O. Jan Edwards

Dear Jan Edwards

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER STORM OR EMERGENCY CONDITIONS BY DWR CYMRU CYF FROM LLANGEFNI WASTEWATER TREATMENT WORKS, INDUSTRIAL ESTATE ROAD, LLANGEFNI, YNYS MON, LL77 7JA
APPLICATION NO: CG0078002**

Thank you for your application for consent to discharge together with your application fee of £743. It is receiving consideration and you will be hearing from us again shortly. Please state application CG0078002 in any correspondence with us relating to this application.

Yours faithfully

Kelvin Graham
Team Leader Customer Contact and Authorisations

Please ask for Ruth Prichard



PR



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref. SH/WP/CG0078002

Dyddiad/Date: 20th September 2002

Environmental 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) MODIFICATION OF CONSENT TO DISCHARGE NO.CG0078002.

Further to our recent correspondence concerning the consent to discharge sewage effluent from Llangefni Sewage Treatment Works, I enclose the Agency's formal notice of the modifications made to the conditions of the consent.

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. 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 is to ensure that the rights and charges associated with the Consent are transferred to the 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
Ffordd Caer, Bwcle, Sir y Flint 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

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Tony Roberts, Team Leader Environment Protection, Environment Agency Wales, Llwyn Brain, Penlan Road, Parc Menai, Bangor, Gwynedd, LL57 4DE.

Yours sincerely,

P. Stella Hammond

Kelvin Graham
Team Leader Customer Contact & Authorisations



CONSENT NO. CG0078002



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

ENVIRONMENT AGENCY

WATER RESOURCES ACT 1991
(As amended by the Environment Act 1995)

COPY

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dwr Cymru Cyfyngedig
Pentwyn Road
Nelson
Treharris
Mid Glamorgan CF46 6LY

WHEREAS the Agency in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) **GRANTED CONSENT** to the making of a discharge of **SEWAGE EFFLUENT** on the 10th day of November 1987

FROM Llangefni Sewage Treatment Works

the Agency in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby **GIVES NOTICE** that **CONSENT** CG0078002 is hereby modified as follows:

Settled Storm Sewage

FROM: Llangefni Sewage Treatment Works

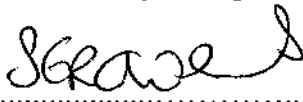
AT: Llangefni

TO: the Afon Cefni

The conditions of Consent number CG0078002 dated 10th November 1987 are modified as detailed in this notice.

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 modifications made by this notice, without the agreement in writing of the Consent Holder, during a period of 4 years from the date this notice is served.

Dated this 17th day of September 2002

Signed 

SIAN OWENS
Team Leader Water Quality Consents





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

CONSENT NO.	CG0078002
SCHEDULE NO.	CG0078002
DATED	17 th September 2002

Conditions to be added:

The following conditions shall now be included:

6. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 375 mm diameter pipe;
 - (b) discharging to the Afon Cefni;
 - (c) at National Grid Reference SH 46097 74394;
 - (d) shown marked 'Discharge Point' on Plan CG0078002 attached as Annex 1.

7. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SH 46434 74554 as shown marked 'Sample Point' on Plan CG0078002, attached as Annex 1, so that a representative 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 discharging into controlled waters.

Other conditions of the consent

All other conditions of the consent remain in force. Consent CG0078002 is updated accordingly.



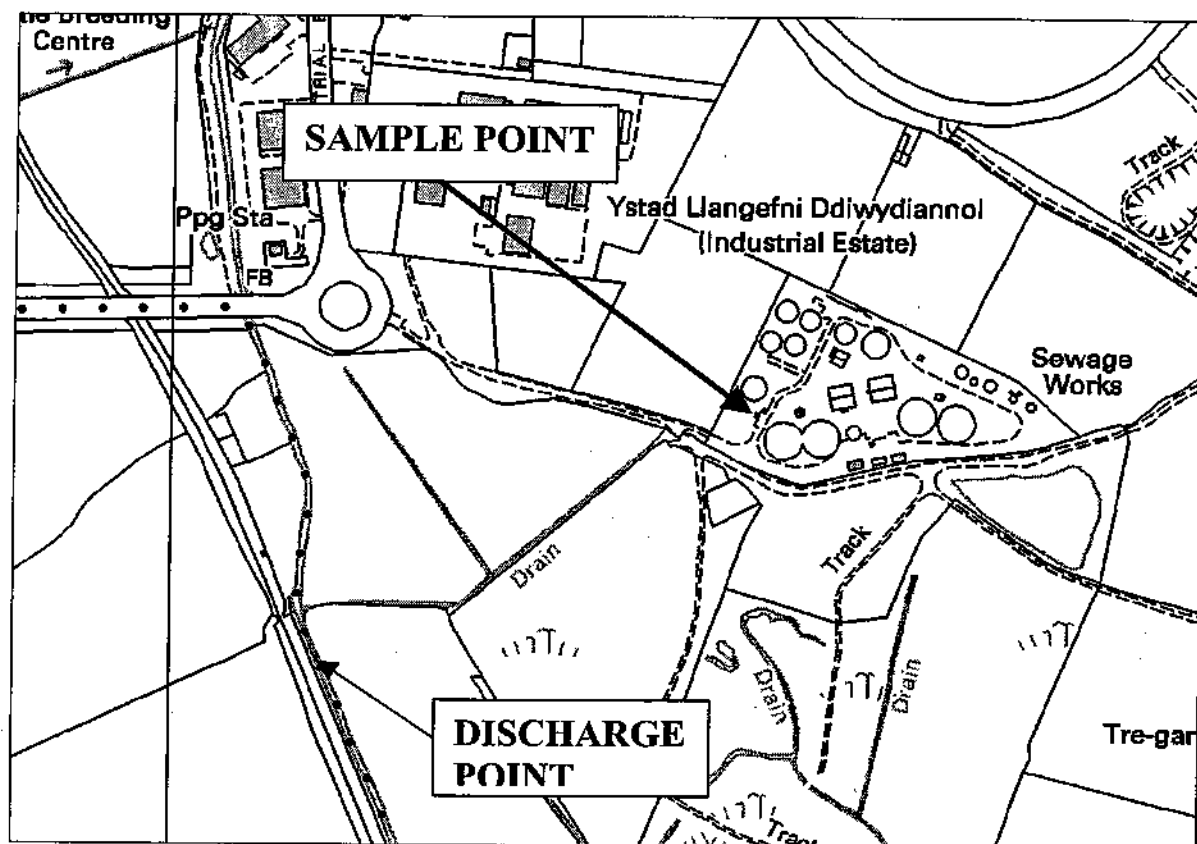
CONSENT NO.	CG0078002
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ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Annex 1

Plan CG0078002



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WEPD/OD/46/D7
WWA Ref CG ~~00780-01~~ 0130981

WO REF WEP/WS 9111/22

SETTLED
STORM

WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 & 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE

WHEREAS

1. The WELSH WATER AUTHORITY (hereinafter referred to as 'the Water Authority') proposes to discharge settled storm sewage to the Afon Cefni from the Llangefni Sewage Treatment Works at national grid reference SH 4647 7371 as shown on the attached plan.

2. The proposals require the consent of the Secretary of State for WALES in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984 (hereinafter referred to as 'the Regulations').

3. In accordance with the provisions of Regulation 2 of the Regulations the Water Authority have submitted the proposals to the Secretary of State in the form of an application for consent dated 2 December 1986.

THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the conditions specified in the Schedule hereto attached.

Dated this 10th day of November
1987

Signed P. R. Mander

On behalf of the Secretary
of State for Wales

SCHEDULE

Conditions prescribed for the discharge of settled storm sewage from the Llangefni Sewage Treatment Works to the Afon Cefni at Grid Reference SH 4647 7371.

"Sewage" can mean domestic sewage alone or in admixture with industrial waste water(s).

1. The effluent discharged shall consist only of settled storm sewage.
2. The sewage at all flow rates into the plant between 4690 cubic metres per day (54.3 litres per second) and 15552 cubic metres per day (180 litres per second) shall receive settlement. The period of settlement shall not be less than 1.59 hours at the maximum rate of flow into the storm tank(s) (being the difference between the two flow rates quoted above) and the rise rate in the tank(s) (being the maximum flow rate divided by the tank(s) cross-sectional area based on the side wall diameter) shall not be greater than 1.44 metres per hour. 12960
3. As soon as is practicable after cessation of storm sewage flows into the tank(s), the tank(s) contents shall be discharged for biological treatment and the tank(s) cleaned. Under no circumstances shall the tank contents be allowed to remain in the tank(s) until such time as advanced anaerobiosis or large visible algae growths occur.
4. A copy of this consent, suitably protected against the weather shall be posted within the site of the works. Further copies shall be posted as and when required to maintain effective notice of the consent on the site of the works.
5. All the provisions of this consent shall come into operation on the works commissioning date. The Authority shall inform the Welsh Office (HMIP) of the commissioning date at least one calendar month prior to this date.

AFON CEFNI

LLANGFNI SEWAGE
DISPOSAL WORKS

LLANGFNI STW

FINAL EFFLUENT/
STORM TANK EFFLUENT
DISCHARGE POINT
SH 4613 7432

LLANGFNI STW

STORM TANK
DISCHARGE
SH 4647 7371

Malltraeth Marsh
or Cors Ddyga

LLANGISTOLUS CP

LAT
53° 14'

73

74

Nant-newydd

Lodge

Lledwigan

Lime Kiln
(old)

TCS
(AA)

Heirhead Road

NTL

Pont
Bulkeley

Pont y Gors

Tair-gors

Chy
(old)

Liys Difr

Ty'n-ae

Sewage
Works

Llosg-yr-odyn

Wedding

Cattle Grid

Bryn-Cefni

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CONSENT NO. CG0078002



ASiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

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

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:

Settled Storm Sewage with respect to Consent No. CG0078002 issued on the 18th September 2002

FROM: Llangefni Wastewater Treatment Works Storm Tank

AT: Industrial Estate Road, Llangefni, Anglesey

TO: the River Cefni

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

Settled Storm Sewage

Schedule No. CG0078002 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 31st day of March 2005
This variation of consent takes effect on the 31st day of March 2005

Signed *Iwan Williams*
IWAN WILLIAMS
Regulatory Water Quality Team Leader





CONSENT NO.	CG0078002
SCHEDULE NO.	CG0078002 01
DATE ISSUED	31st March 2005

CONDITIONS OF CONSENT TO DISCHARGE

Settled Storm Sewage ("the Discharge")

**FROM: Llangefni Wastewater Treatment Works, Industrial Estate Road,
Llangefni, Anglesey**

NATURE

1. The Discharge shall consist solely of settled storm sewage.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 375 millimetre diameter pipe;
 - (b) discharging to the River Cefni;
 - (c) at National Grid Reference SH 46097 74394;
 - (d) shown marked 'Consent Point' on Plan CG0078002 attached as Annex 1.

SAMPLING POINTS

3. A sample point shall be provided and maintained at National Grid Reference SH 46507 74602, as shown marked 'Discharge Sample Point' on Plan number CG0078002 attached as Annex 1, 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.	CG0078002
SCHEDULE NO.	CG0078002 01



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

VOLUME

4. The Discharge shall occur when and only for as long as, the storm tanks are full. The discharge of storm sewage to the storm tank shall only occur when the rate of flow at the storm sewage separating weir is in excess of 150 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure. The storm tanks shall be emptied and their contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
5. The capacity of the storm tank(s) shall be at least 810 cubic metres.

COMPOSITION

6.
 - (a) The discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 mm 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.

WORKS OPERATION

7.
 - (a) 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.
 - (b) This condition does not require any alteration of the works or a change in the type of treatment used.



CONSENT NO.	CG0078002
SCHEDULE NO.	CG0078002 01



ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

SUBSTANTIAL CHANGE

8. (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
 - (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 are specifically regulated by other conditions 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.





CONSENT NO.	CG0078002
SCHEDULE NO.	CG0078002 01

UNAUTHORISED DISCHARGE

9. (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.
- (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.

RECORDING AND REPORTING

10. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected the operation of the storm tanks. 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 the operation of the storm tanks.



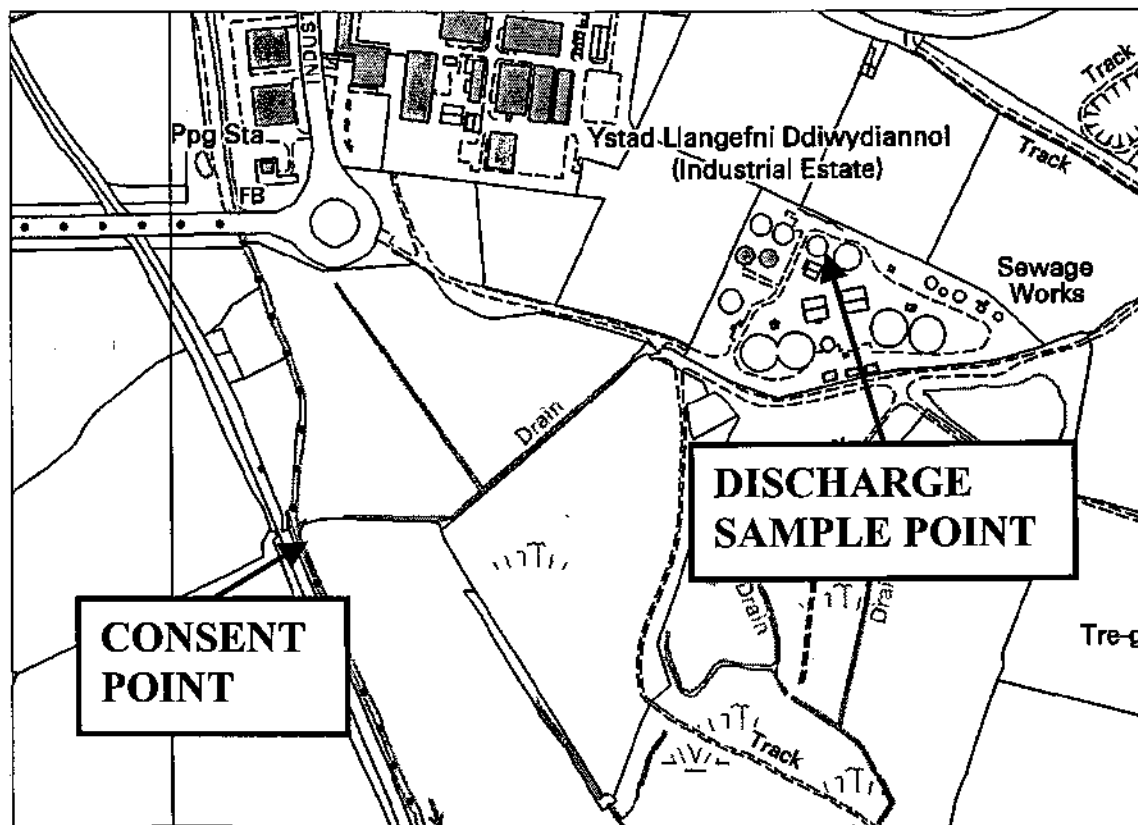
CONSENT NO.	CG0078002
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ASiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

ANNEX 1

PLAN No CG0078002



NOT TO SCALE

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ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.
Ein cyf/Our ref. WP/RP/CG0078002
Enquiries Ruth Prichard
Dyddiad/Date: 24th March 2005

Tony Andrews
Environment Quality Scientist
Dwr Cymru Cyf
Pentwyn Road
Neslon
Treaharris
Mid Glamorgan
CF46 6LY

F.A.O Jan Edwards

Dear Mrs Jan Edwards,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE NO CG0078002.

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 Llangefni Wastewater Treatment Works Storm Tank, Industrial Estate Road, Llangefni, Anglesey.

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
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



If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Iwan Williams, Regulatory Water Quality Team Leader, Environment Agency, Chester Road, Buckley, Flintshire, CH7 3AJ.

Yours sincerely,

Kelvin Graham
Team Leader Customer Contact and Authorisations
Enc.

Asiantaeth yr Amgylchedd Cymru
Pfordd 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



CYNGOR
Cyngor Cefn Gwlad Cymru
Countryside Council for Wales

SH47

CADEIRYDD/CHAIRMAN: JOHN LLOYD JONES OBE

Anfonwch eich ateb at/Please reply to:

John Ratcliffe

Llinell Union/Direct Line: 01248 672 506

Tel: 01248 672506 Ffacs/Fax: 01248 679259

Ebost/Email: j.ratcliffe@ccw.gov.uk

PRIF WEITHREDWR/CHIEF EXECUTIVE: ROGER THOMAS

Swyddfa Ardal Gogledd Orllewin/

North Wales Region Office

Llys y Bont

Parc Menai

BANGOR

Gwynedd

LL57 4BN

Kelvin Graham

Team Leader Customer Contact & Authorisations

Environment Agency Wales

Chester Rd

Buckley

Flintshire

CH7 3AJ

Your ref: WP/RP/CG0078002

4 March 2005

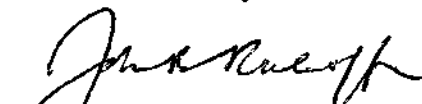
Dear Sir

WATER RESOURCES ACT 1991 Sch 10 ETC / HD APENDIX 11 CONSULTATION
CASE: Storm / emergency sewage discharge, Dwr Cymru, Llangefni WWTW

Thank you for your letter of 10 January 2005.

I attach copies of Appendix 11 with relevant comments.

Yours faithfully


J. B. Ratcliffe
Team Leader
Ynys Môn

Enc



Noddir gan
Llywodraeth Cynulliad Cymru
Sponsored by
Welsh Assembly Government



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>

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 technical/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:	CG0078002
3. National Grid reference:	SH 46097 74394
4. Site reference:	Llangefni WwTW, Industrial estate Road, Llangefni, Ynys Mon, LL77 7JA
5. Brief description of proposal:	Application to discharge screened sewage effluent under storm conditions to the Afon Cefni.
6. European site name(s) and status:	Glannau Mon: Cors Heli cSAC: UK0020025 Y Twyni o Abermenai I Aberffraw cSAC: UK0020021
7. List of interest features:	1. Estuarine and intertidal habitats 2. Coastal habitats (sensitive to acidification) 3. Coastal Habitats 4. Standing waters (not sensitive to acidification) 5. Coastal plants 6. Mosses and liverworts
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:

<u>Glannau Mon: Cors Heli cSAC features:</u>		
1.12 Estuarine and intertidal habitats: ▪ Atlantic salt meadows ▪ Estuaries ▪ Mudflats and sandflats not covered by seawater at low tide ▪ <i>Salicornia</i> and other annuals colonising mud and sand	A, b, c, d, e, f, g, h	Main risk : A
<u>Y Twyni o Abermenai I Aberffraw cSAC features:</u>		
1.11 Coastal habitats (sensitive to abstraction): ▪ Dunes with <i>Salix arenaria</i> ▪ Humid Dune slacks	A, b, c, d, f, g	Main risk : A
1.10 Coastal habitats: ▪ Embryonic shifting dunes ▪ Fixed dunes with herbaceous vegetation (grey dunes) ▪ Shifting dunes along the shoreline with <i>Ammophil arenaria</i> (white dunes)	A, c, f, g	Main risk : A
1.5 Standing waters (not sensitive to acidification): ▪ Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> type vegetation	A, b, c, d, e, f,	Main risk : A
2.11 Coastal plants: ▪ Shore dock	A, c, f, g	Main risk : A
2.4 Mosses and Liverworts: ▪ Petal wort	N/A	
Key: - A – Toxic contamination B – Nutrient enrichment C – pH changes D – Changes in salinity regime E – Changes in thermal regime F – Physical damage G – Turbidity H – Siltation		
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 – see point 10c	

b) In combination with other plans or projects?	No - see point 10c	
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 and our conclusion is that this project could not act alone or in combination with any other plans or projects AMP 3 is a national scheme undertaken by Welsh Water designed to improve water quality The scheme of improvements taking place Llangefni Wastewater Treatment Works has been assessed as a catchment resolution. All trade inputs to this works have been taking into account during the planning phase and, as such, there are no 'combined effects' expected from these discharges.	
11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site?	This is an application to discharge screened sewage effluent under storm conditions to the Afon Cefni. This is an application for a variation to an existing consent to discharge for storm waters at Llangefni WwTW under the AMP 3 programme. Improvements include a provision for all flows to be screened through 6mm particle-sized screens prior to stormwater separation to replace the existing primary settlement method of treatment. Storm tanks will provide up to 810m³ of storage and the discharge will take place if this capacity is exceeded and the flow exceeds 150l/s. In this event it is anticipated that the sewage will have undergone sufficient dilution before entering the watercourse. Extensive consultation has taken place between Dŵr Cymru Welsh Water and the Environment Agency to ensure the WwTW meets AMP design guidelines. It is anticipated that this discharge will have no detrimental effect upon the surrounding habitats, as it is part of a scheme by Welsh Water to improve effluent quality (and hence water quality) in the catchment, and is an improvement to the current effluent quality at the outlet.	
12. Name of EA Officer:	Sarah Middleton	04/01/05

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)	Agreed no likely significant effect on SAC	
14. Name of EN/CCW Officer:	John B. Nalaboff Team Leader says M	Date: 04 / 03 / 05
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:

NA

16. Name of EN/CCW Officer:

John Blawie

Date: 04/05/05



Cyngor Cefn Gwlad Cymru
Countryside Council for Wales

SH47

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

John Ratcliffe
Llinell Union/Direct Line: 01248 672 506
Tel: 01248 672506 Ffacs/Fax: 01248 679259
Ebost/Email: j.ratcliffe@ccw.gov.uk

PRIF WEITHREDWR/CHIEF EXECUTIVE: ROGER THOMAS

Swyddfa Ardal Gogledd Orllewin/
North Wales Region Office
Llys y Bont
Parc Menai
BANGOR
Gwynedd
LL57 4BN

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

Your ref: WP/RP/CG0078002

4 March 2005

Dear Sir

WATER RESOURCES ACT 1991 Sch 10 ETC / HD APENDIX 11 CONSULTATION
CASE: Storm / emergency sewage discharge, Dwr Cymru, Llangefni WWTW

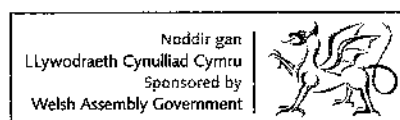
Thank you for your letter of 10 January 2005.

I attach copies of Appendix 11 with relevant comments.

Yours faithfully


J. B. Ratcliffe
Team Leader
Ynys Môn

Enc



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>

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 technical/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:	CG0078002
3. National Grid reference:	SH 46097 74394
4. Site reference:	Llangefni WwTW, Industrial estate Road, Llangefni, Ynys Mon, LL77 7JA
5. Brief description of proposal:	Application to discharge screened sewage effluent under storm conditions to the Afon Cefni.
6. European site name(s) and status:	Glannau Mon: Cors Heli cSAC: UK0020025 Y Twyni o Abermenai I Aberffraw cSAC: UK0020021
7. List of interest features:	1. Estuarine and intertidal habitats 2. Coastal habitats (sensitive to acidification) 3. Coastal Habitats 4. Standing waters (not sensitive to acidification) 5. Coastal plants 6. Mosses and liverworts
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:



<u>Glannau Mon: Cors Heli cSAC features:</u>		
1.12 Estuarine and intertidal habitats: ▪ Atlantic salt meadows ▪ Estuaries ▪ Mudflats and sandflats not covered by seawater at low tide ▪ <i>Salicornia</i> and other annuals colonising mud and sand	A, b, c, d, e, f, g, h	Main risk : A
<u>Y Twyni o Abermenai I Aberffraw cSAC features:</u>		
1.11 Coastal habitats (sensitive to abstraction): ▪ Dunes with <i>Salix arenaria</i> ▪ Humid Dune slacks	A, b, c, d, f, g	Main risk : A
1.10 Coastal habitats: ▪ Embryonic shifting dunes ▪ Fixed dunes with herbaceous vegetation (grey dunes) ▪ Shifting dunes along the shoreline with <i>Ammophil arenaria</i> (white dunes)	A, c, f, g	Main risk : A
1.5 Standing waters (not sensitive to acidification): ▪ Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> type vegetation	A, b, c, d, e, f,	Main risk : A
2.11 Coastal plants: ▪ Shore dock	A, c, f, g	Main risk : A
2.4 Mosses and Liverworts: ▪ Petal wort	N/A	
Key: - A – Toxic contamination B – Nutrient enrichment C – pH changes D – Changes in salinity regime E – Changes in thermal regime F – Physical damage G – Turbidity H – Siltation		

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 – see point 10c



b) In combination with other plans or projects?	No - see point 10c	
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 and our conclusion is that this project could not act alone or in combination with any other plans or projects AMP 3 is a national scheme undertaken by Welsh Water designed to improve water quality. The scheme of improvements taking place Llangefni Wastewater Treatment Works has been assessed as a catchment resolution. All trade inputs to this works have been taking into account during the planning phase and, as such, there are no 'combined effects' expected from these discharges.	
11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site?	This is an application to discharge screened sewage effluent under storm conditions to the Afon Cefni. This is an application for a variation to an existing consent to discharge for storm waters at Llangefni WwTW under the AMP 3 programme. Improvements include a provision for all flows to be screened through 6mm particle-sized screens prior to stormwater separation to replace the existing primary settlement method of treatment. Storm tanks will provide up to 810m³ of storage and the discharge will take place if this capacity is exceeded and the flow exceeds 150l/s. In this event it is anticipated that the sewage will have undergone sufficient dilution before entering the watercourse. Extensive consultation has taken place between Dŵr Cymru Welsh Water and the Environment Agency to ensure the WwTW meets AMP design guidelines. It is anticipated that this discharge will have no detrimental effect upon the surrounding habitats, as it is part of a scheme by Welsh Water to improve effluent quality (and hence water quality) in the catchment, and is an improvement to the current effluent quality at the outlet.	
12. Name of EA Officer:	Sarah Middleton	04/01/05

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)	<i>Agreed no likely significant effect on SAC</i>	
14. Name of EN/CCW Officer:	<i>John B. Nalaboff</i> <i>Team Leader Bay M</i>	Date: <i>04 / 03 / 05</i>
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:

NA.

16. Name of EN/CCW Officer:

John B. Shaw

Date: 04/03/05

The CROW Act 2000 and Environment Agency Permissions - Formal Notice



**ENVIRONMENT
AGENCY**

Environment Agency Formal Notice To English Nature/Countryside Council For Wales

Requirements of section 28I of the Wildlife & Countryside Act 1981 as incorporated by the Countryside and Rights of Way Act (CROW) 2000.

Duty in relation to granting any consent, licence or permit for activities to be carried out in or capable of affecting Sites of Special Scientific Interest (SSSI).

To be completed by relevant technical/project officer in consultation with Conservation section, referring to the Agency Guidance and the flow chart in CROW Appendix 2 titled 'The CROW Act 2000 and Environment Agency Permissions'.

NB: [1] It is expected that there has been preliminary Consultation with EN/CCW, where the application timetable permits.

[2] Complete this form for any proposed permissions which the Agency is minded to approve, having taken account of the Agency's S28G duties. This applies to all proposed permissions within an SSSI which relate to operations listed on the OLD list, and to permissions outside an SSSI which are likely to damage its special features.

1. Agency Region and Area Office:	Environment Agency Wales, Chester Road, Buckley, Flintshire
2. Name of SSSI(s):	Malltraeth Marsh and Newborough Warren SSSI's.
3. Type of permission:	Application for a discharge of sewage effluent from a Wastewater Treatment Works to surface waters
4. Date for Agency determination:	N/A
5. Predicted 28 day date for EN/CCW Response (under S28 I(4)):	ASAP
6. Agency reference no:	CG0078002
7. National Grid reference:	SH 46097 74394
8. Description of proposal:	Application to discharge sewage effluent intermittently under storm conditions to the Afon Cefni.
9. Is the proposed activity within (wholly or partially) the SSSI boundary?	Discharge flows into the forementioned SSSI's via the Afon Cefni.

10. If within the SSSI and on the OLD list, and/or outside the SSSI boundary, what aspect of the proposed permission is likely in the Agency view to adversely affect the notified interest of the SSSI?

This is an application for a variation to an existing consent to discharge for storm waters at Llangefni WwTW under the AMP 3 programme.

Improvements include a provision for all flows to be screened through 6mm particle-sized screens prior to stormwater separation to replace the existing primary settlement method of treatment.

Storm tanks will provide up to 810m³ of storage and the discharge will take place if this capacity is exceeded and the flow exceeds 150l/s. In this event it is anticipated that the sewage will have undergone sufficient dilution before entering the watercourse.

Extensive consultation and modelling has taken place between Dŵr Cymru Welsh Water and the Environment Agency to ensure the WwTW meets AMP design guidelines. It is anticipated that this discharge will have no detrimental effect upon the surrounding habitats, as it is part of a scheme by Welsh Water to improve effluent quality (and hence water quality) in the catchment, and is an improvement to the current effluent quality at the outlet.

13b: Modification to the structure of watercourses including rivers....

11. Name & job title of Agency Officer:	Sarah Middleton	Date form sent to EN/CCW: 4 th January 2005
---	-----------------	---

For Agency use only, once EN/CCW response received

12. EN/CCW comment on assessment:	Please circle one of following: 1) <u>No comment/advice</u> 2) Advise approval 3) Advise approval with conditions 4) Advise refusal Please ensure that the EN/CCW response is attached to this Formal Notice.	
13. Name & job title of EN/CCW Officer:	<i>John R. Naleto</i> <i>Team leader Temp Mon</i> <i>04/02/05</i>	Date of receipt of EN/CCW response:

COPY

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 technical/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:	CG0078002				
3. National Grid reference:	SH 46097 74394				
4. Site reference:	Llangefni WwTW, Industrial estate Road, Llangefni, Ynys Mon, LL77 7JA				
5. Brief description of proposal:	Application to discharge screened sewage effluent under storm conditions to the Afon Cefni.				
6. European site name(s) and status:	Glannau Mon: Cors Heli cSAC: UK0020025 Y Twyni o Abermenai I Aberffraw cSAC: UK0020021				
7. List of interest features:	1. Estuarine and intertidal habitats 2. Coastal habitats (sensitive to acidification) 3. Coastal Habitats 4. Standing waters (not sensitive to acidification) 5. Coastal plants 6. Mosses and liverworts				
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:	<table border="1"> <tr> <td>Potential hazard:</td> <td>Potential exposure to hazard and mechanism of effect/impact if known:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Potential hazard:	Potential exposure to hazard and mechanism of effect/impact if known:		
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Glannau Mon: Cors Heli cSAC features:		
1.12 Estuarine and intertidal habitats: - Atlantic salt meadows - Estuaries - Mudflats and sandflats not covered by seawater at low tide <i>Salicornia</i> and other annuals colonising mud and sand	A, b, c, d, e, f, g, h	Main risk : A
Y Twyni o Abermenai I Aberffraw cSAC features:		
1.11 Coastal habitats (sensitive to abstraction): - Dunes with <i>Salix arenaria</i> - Humid Dune slacks	A, b, c, d, f, g	Main risk : A
1.10 Coastal habitats: - Embryonic shifting dunes - Fixed dunes with herbaceous vegetation (grey dunes) - Shifting dunes along the shoreline with <i>Ammophil arenaria</i> (white dunes)	A, c, f, g	Main risk : A
1.5 Standing waters (not sensitive to acidification): Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> type vegetation	A, b, c, d, e, f,	Main risk : A
2.11 Coastal plants: Shore dock	A, c, f, g	Main risk : A
2.4 Mosses and Liverworts: Petal wort	N/A	
Key: - A – Toxic contamination B – Nutrient enrichment C – pH changes D – Changes in salinity regime E – Changes in thermal regime F – Physical damage G – Turbidity H – Siltation		
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 – see point 10c	

b) In combination with other plans or projects?	No - see point 10c	
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 and our conclusion is that this project could not act alone or in combination with any other plans or projects AMP 3 is a national scheme undertaken by Welsh Water designed to improve water quality. The scheme of improvements taking place at Llangefni Wastewater Treatment Works has been assessed as a catchment resolution. All trade inputs to this works have been taken into account during the planning phase and, as such, there are no 'combined effects' expected from these discharges.	
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12. Name of EA Officer:	Sarah Middleton	04/01/05

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;
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- 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:

The CROW Act 2000 and Environment Agency Permissions - Formal Notice



ENVIRONMENT
AGENCY

Environment Agency Formal Notice To English Nature/Countryside Council For Wales

Requirements of section 28I of the Wildlife & Countryside Act 1981 as incorporated by the Countryside and Rights of Way Act (CROW) 2000.

Duty in relation to granting any consent, licence or permit for activities to be carried out in or capable of affecting Sites of Special Scientific Interest (SSSI).

To be completed by relevant technical/project officer in consultation with Conservation section, referring to the Agency Guidance and the flow chart in CROW Appendix 2 titled 'The CROW Act 2000 and Environment Agency Permissions'.

NB: [1] It is expected that there has been preliminary Consultation with EN/CCW, where the application timetable permits.

[2] Complete this form for any proposed permissions which the Agency is minded to approve, having taken account of the Agency's S28G duties. This applies to all proposed permissions within an SSSI which relate to operations listed on the OLD list, and to permissions outside an SSSI which are likely to damage its special features.

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3. Type of permission:	Application for a discharge of sewage effluent from a Wastewater Treatment Works to surface waters
4. Date for Agency determination:	N/A
5. Predicted 28 day date for EN/CCW Response (under S28 I(4)):	ASAP
6. Agency reference no:	CG0078002
7. National Grid reference:	SH 46097 74394
8. Description of proposal:	Application to discharge sewage effluent intermittently under storm conditions to the Afon Cefni.
9. Is the proposed activity within (wholly or partially) the SSSI boundary?	Discharge flows into the forementioned SSSI's via the Afon Cefni.

10. If within the SSSI and on the OLD list, and/or outside the SSSI boundary, what aspect of the proposed permission is likely in the Agency view to adversely affect the notified interest of the SSSI?

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Improvements include a provision for all flows to be screened through 6mm particle-sized screens prior to stormwater separation to replace the existing primary settlement method of treatment.

Storm tanks will provide up to 810m³ of storage and the discharge will take place if this capacity is exceeded and the flow exceeds 150l/s. In this event it is anticipated that the sewage will have undergone sufficient dilution before entering the watercourse.

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13b: Modification to the structure of watercourses including rivers....

11. Name & job title of Agency Officer:	Sarah Middleton	Date form sent to EN/CCW: 4 th January 2005
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For Agency use only, once EN/CCW response received

12. EN/CCW comment on assessment:	Please circle one of following: 1) No comment/advice 2) Advise approval 3) Advise approval with conditions 4) Advise refusal Please ensure that the EN/CCW response is attached to this Formal Notice.	
13. Name & job title of EN/CCW Officer:		Date of receipt of EN/CCW response:



ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. WP/RP/CG0078002

Dyddiad/Date: 10th January 2005

Mr J Ratcliffe
Countryside Council for Wales North West Area
Llys y Bont
Ffordd y Parc
Parc Menai
Bangor
Gwynedd LL57 4BH

Dear Mr Ratcliffe,

**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 LLANGEFNI WWTW, INDUSTRIAL ESTATE ROAD, LLANGEFNI, YNYS MON, LL77 7JA
APPLICATION NO: CG0078002**

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 24th January 2005.

Yours sincerely

Kelvin Graham
Team Leader Customer Contact & Authorisations

Please ask for Ruth Prichard ext 4502

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







ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

**ENVIRONMENT AGENCY WALES
NORTHERN AREA
CONSENT REVIEW 2004**

UWWTD

[URBAN WASTE WATER TREATMENT DIRECTIVE 1991]

FILE NOTE

A snapshot of WRA 91 Discharge Consents qualifying for review under UWWTD was extracted from WIMS (EA electronic Public Register) on the 21st April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CG0078002	VERSION :	3		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	LLANGFNI SETTLED STORM STW				
EXTANT CONSENT ISSUE DATE :	17/09/2002	EFFECTIVE DATE :	18/09/2002		
DWF (m ³ /day) :		MAX DAILY VOL. (m ³ /day) :	UNSPECIFIED	RATE (l/s) :	

Records held on WIMS show LLANGFNI SETTLED STORM STW (CG0078002) to be extant under version 3 issued 17/09/2002 with descriptive consent conditions, effective 18/09/2002. The works is currently consented to discharge a max daily volume of UNSPECIFIEDm³/day effluent to the AFON CEFNI at NGR SH4609774394.

UWWTD directive aims to deliver a standard level of sewage treatment throughout EC member states. This has been interpreted as prescribing a minimum of secondary biological treatment (package plant or equivalent) on all discharges made to a controlled surface water; or a minimum of primary (septic tank or equivalent) treatment on all discharges made to ground.

The discharge of UNSPECIFIEDm³/day effluent to 'AFON CEFNI', for the purposes of this review, is described as 'irrelevant (intermittent discharge that does not qualify under UWWTD)'. This treatment / receiving water combination has been assessed* as NON UWWTD under the UWWTD review. This consent is reviewed as NON UWWTD under UWWTD as of 01/09/2005.

* NB: the assessment of this Discharge Consent to meet UWWTD 'appropriate treatment' criteria is based solely on provision of the appropriate 'threshold' level of minimum treatment for the receiving medium. This review does not assess appropriateness in terms of the specific river needs of the receiving water stretch.

Iwan Williams
Regulatory Team Leader (Water Quality)



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 : CG0078002 Consent Issued : 31 March 2005

Nature of Discharge(s) SSOR Sewage effluent

at SH4609774394 LLANGFNI WWTW STORM OVERFLOW

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 : CG0078002

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)

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



ASiantaeth yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

Caniatâd Gollwng

Tystysgrif Daliwr

Rhan A

**At: 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 : CG0078002 Cyhoeddwyd y Caniatâd : 31 Mawrth 2005

Natur y Gollyngiad(au) : SSOR Carthffrwd

yn SH4609774394 LLANGFENI WWTW STORM OVERFLOW

Noder : Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb am y gollyngiad i rywun arall, rhaid i chi drosglwyddo'r caniatâd iddo ef neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. Ni all y Daliwr wadu cyfrifoldeb am y caniatâd, ond gall cofrestriad y Daliwr gael ei drosglwyddo i 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 : CG0078002

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 :

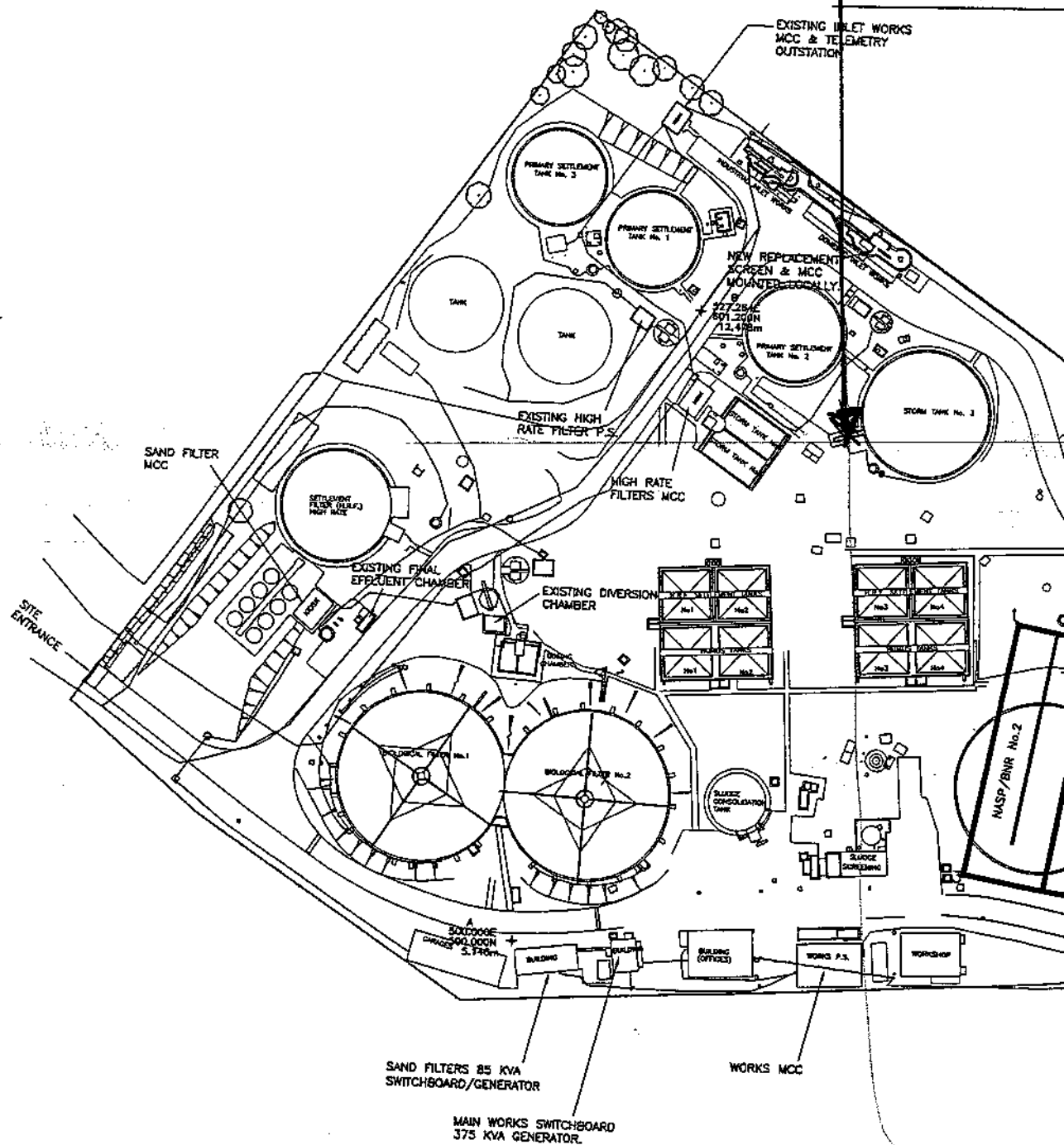
Dyddiedig :

Enw (priflythrennau bras) :

Swydd (os yn briodol) :

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

Storm Sample
Point
SH 4650



9

10

11

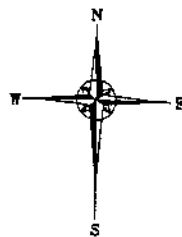
12

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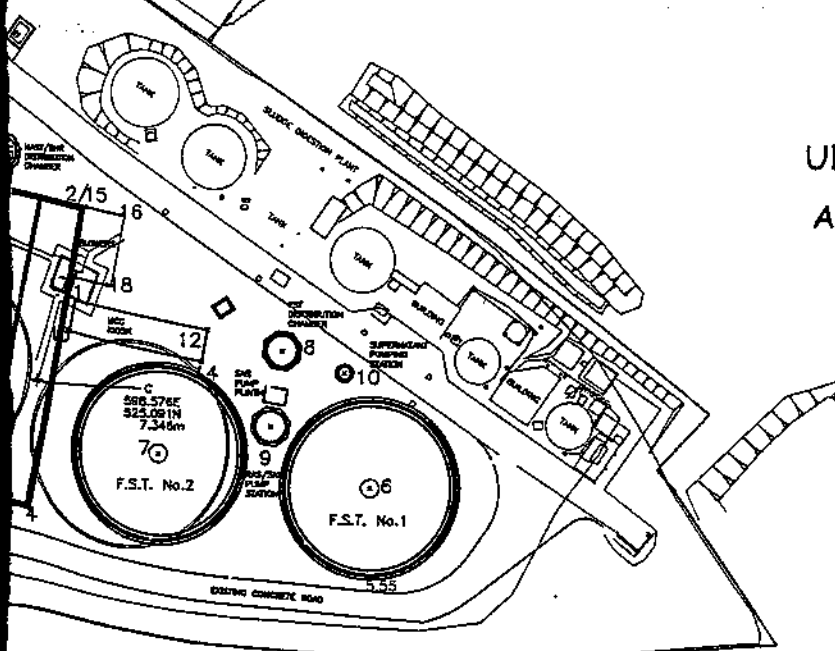
SETTING OUT CO-ORDINATES

CO-ORDINATES GIVEN FOR SETTING OUT OF STRUCTURES RELATE TO EXISTING TEMPORARY SITE SURVEY STATIONS. DETAILS ARE AS FOLLOWS:

STN	LOCATION	NORTHING	EASTING
A	ADJ GARAGES	500.000	500.000
B	ADJ PST NO.1	601.200	527.264
C	ADJ F'BED 3/4	525.091	598.576

REF	STRUCTURE	NORTHING	EASTING
1	NAST/BNR(NW CNR)	553.293	579.455
2	NAST/BNR(NE CNR)	548.430	605.404
3	NAST/BNR(SW CNR)	512.798	571.867
4	NAST/BNR(SE CNR)	507.935	597.815
5	NAST DIST CH (CEN)	555.284	593.258
6	FST NO.1 (CEN)	512.059	643.951
7	FST NO.2 (CEN)	516.283	615.748
8	FST DIST CH (CEN)	529.348	632.183
9	RAS/SAS P.ST(CEN)	519.983	630.697
10	SUPERNATANT P.S (CEN)	527.095	640.498
11	MCC FDN (NW CNR)	535.977	604.077
12	MCC FDN (NE CNR)	532.570	622.250
13	MCC FDN (SW CNR)	531.800	603.294
14	MCC FDN (SE CNR)	528.392	621.478
15	BLOWER FDN (NW)	548.430	605.404
16	BLOWER FDN (NE)	547.377	611.043
17	BLOWER FDN (SW)	539.080	603.652
18	BLOWER FDN (SE)	538.024	609.298

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C	FOR CONSTRUCTION	CSR MAIN RUP
B	FOR CONSTRUCTION	CSR MAIN RUP
A	FOR CONSTRUCTION	CR MAIN RUP
REV	REVISION	DATE DATE DATE DATE
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CONSULTING ENGINEERS		
PRINCIPAL CONTRACTOR		
CUSTOMER		
PROJECT TITLE		
LLANCEFNI STW		
TITLE		
SETTING OUT		
DRAWING NO.		SCALE
C703-2006		1:500
REV		C

