



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. BB/EF/CG0393101

Dyddiad/Date: 28 June 2001

Mr Jon Lloyd
Osprey PMI Ltd
16 Windsor Place
CARDIFF
CF10 3BY

COPY

Dear Mr Lloyd

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE AT SH 8878 4004 BY WELSH CANOEING ASSOCIATION FROM PREMISES AT CANOLFAN TRYWERYN, NATIONAL WHITEWATER CENTRE, BALA. APPLICATION NO. CG0393101

Further to your application the Agency has decided that consent should be given subject to conditions. I enclose the Agency's formal consent to discharge Secondary Treated Sewage and Trade Effluent from Canolfan Tryweryn, National Whitewater Centre, Bala

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

If you consider that the conditions imposed by the consent are unreasonable you have a right of appeal to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

Notice of an appeal must be given in writing within three months of this notification and must be accompanied by a statement of the grounds of appeal.

If granted, a consent under Schedule 10 of the Act, covers water quality considerations only. It does not alter the need to obtain any other consents or approvals which might be required in connection with your proposal under other legislation. For example it does not give any right or permission to discharge where land is not owned by the applicant.

Asiantaeth yr Amgylchedd Cymru
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



CG0393101_2006_03_03





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Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This is to ensure that the rights and charges associated with the Consent are transferred to the new holder. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Owen Thomas, Team Leader Environment Protection, Environment Agency Wales, Chester Road, Buckley, Flintshire CH7 3AJ.

Yours sincerely,

RP

LISA EAGLE
Team Leader Customer Contact and Authorisations

Please contact Elaine Frankland Ext 4567

Enc.



CONSENT NO.

CG0393101



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WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: Executive Officer
Welsh Canoeing Association
National Whitewater Centre
Canolfan Tryweryn
Frongoch
Bala
Gwynedd LL23 7NU

COPY

The **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY CONSENTS** to the making of a discharge **OF SEWAGE AND TRADE EFFLUENT**, as follows:

Secondary Treated Sewage and Trade Effluent

FROM: Canolfan Tryweryn, National Whitewater Centre

AT: Frongoch, Bala, Gwynedd

TO: Afon Tryweryn

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

Secondary Treated Sewage and Trade Effluent

Schedule No. CG0393101 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, altering this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this consent takes effect.

This consent is issued and takes effect on the 28th day of June 2001

Signed 

Team Leader – Water Quality Consents



CONSENT NO.	CG0393101
SCHEDULE NO.	CG0393101 01
DATE ISSUED	28th June 2001



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Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Secondary Treated Sewage and Trade Effluent ("the Discharge")

FROM: Canolfan Tryweryn, National Whitewater Centre, Frongoch, Bala, Gwynedd

1. (a) The Discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
- (b) Provided that the Discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by these conditions.

NATURE

2. The Discharge shall consist solely of secondary treated sewage and trade effluent, arising from Canolfan Tryweryn, National Whitewater Centre, Frongoch, Bala, Gwynedd

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 110 millimetre pipe;
 - (b) discharging to the Afon Tryweryn;
 - (c) at National Grid Reference SH 8878 4004;
 - (d) shown marked 'Consent Point' on Plan CG0393101 attached as Annex1:



CONSENT NO.	CG0393101
SCHEDULE NO.	CG0393101 01



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Agency Wales**

SAMPLING POINTS

4. The outlet to the watercourse shall be constructed and maintained so that a representative sample of the discharge may be obtained at National Grid Reference SH 8878 4004 as shown marked "Consent Point" on the attached Plan

VOLUME

5. The volume of the Discharge shall not exceed 12 cubic metres per day.

FLOW MEASUREMENT

6. At the request of the Agency, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency, to enable the daily volume and/or instantaneous flow of the discharge to be recorded. The Consent Holder shall calibrate, operate and maintain the flow recorder to a standard agreed or specified by the Agency. The flow and maintenance records shall be provided to the Agency as and when requested.

COMPOSITION

7. The Discharge shall not contain more than:
 - (i) 40 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
 - (ii) 60 milligrammes per litre of suspended solids (measured after drying at 105°C).

MAINTENANCE

8. As far as is reasonably practicable, the works shall be operated so as to prevent:
 - (a) any matter being present in the Discharge, other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
 - (b) the Discharge from having any other adverse environmental impact.



CONSENT NO.	CG0393101
SCHEDULE NO.	CG0393101 01



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Agency Wales**

START DATE

9. There shall be no Discharge under the terms of this consent until 30th July 2001 or the start of commissioning of the works whichever is the sooner. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge.



CONSENT NO.

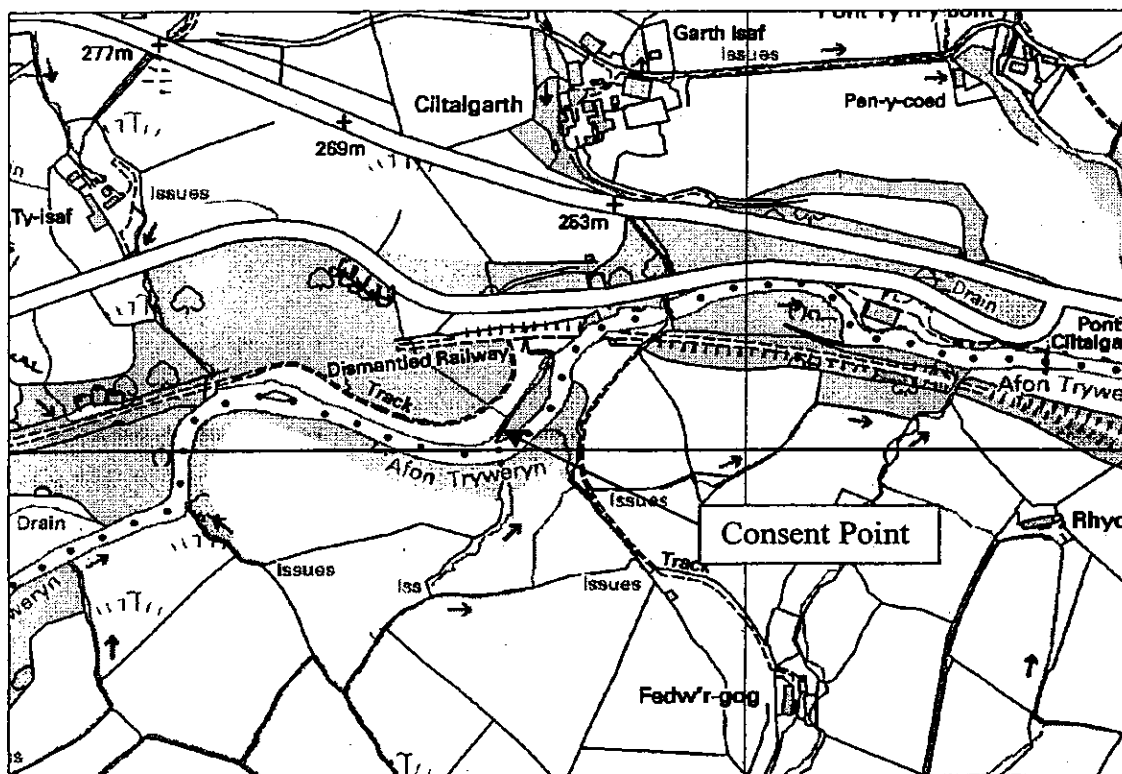
CG0393101



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ANNEX 1

Plan CG0393101



NOT TO SCALE

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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

Regional Finance Manager
Environment Agency Wales
PO Box 663
Cardiff
CF2 1YD

Official Use Only

Dist/Area Ref:

Application No. CG0393101

Date Received: 28/2/01

Fee Received: £645

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 the relevant sections and provision 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

1 SITE ADDRESS

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

CANOL FAN TRYWERYN
NATIONAL WHITE WATER CENTRE
FROWLER H.
BALA
GWYNEDD

Post Code:

LL23 7NU

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) ☐

SEWAGE EFFLUENT - VOLUME AVERAGES $3\text{m}^3/\text{DAY}$ BUT
WILL HAVE A PEAK FLOW ON 12 WEEKENDS OF $12\text{m}^3/\text{DAY}$

AVERAGE VOLUME CALCULATED ON ANNUAL BASIS

SEE ATTACHED USAGE NUMBERS CALCULATION SHEET.

2.2 Please state the maximum quantity it is proposed to discharge in any one day m^3/day
Briefly state how this figure was calculated (see note ii).

SEE ATTACHED USAGE NUMBER CALCULATION SHEET.

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) ☐

DISCHARGE VIA 110mm PIPE.

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

/ / (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)

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

/ / (please indicate on accompanying plans)

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

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 ☐

KLURGASTER BIOTEC SEWAGE TREATMENT PLANT

MODEL - P75

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

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

30/01/01

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

1-1

to:

1-1

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

SEE ATTACHED USAGE NUMBER CALCULATION SHEET FOR
PROJECTED DISCHARGE VOLUMES/FLOWS

2.7 a) Are there any existing consents for discharge 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).

b) Has any person had a Prohibition Notice served 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.

SNOWDONIA NATIONAL PARK AUTHORITY

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) ☐

RACE ADMINISTRATION, BOAT STORAGE
MINOR MAINTENANCE AND
CHANGING FACILITIES

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

- 1. Well
- 2. Borehole
- 3. Precipitation (eg. rain or snow)
- 4. Mains (please state water supply company)

☐

5. River (please give name below)

☐☐

6. Estuary (please give name below)

☐☐

7. Coastal Water (please give name below)

☐☒

WELSH WATER
DWR CYMRU

DETAILS OF RECEIVING ENVIRONMENT

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)
- 2. River or Stream (non-tidal)
- 3. Canal
- 4. Lake, Loch or Pond

☐

5. Into Land

☐☒

6. Onto Land

☐☐

7. Directly into Groundwater

☐☐

8. Coastal Water (see note vii)

☐

State name of receiving water if known:

RIVER TRYWERYN.

2 In the case of sub-irrigation systems, soakaways or boreholes:-

(a) Is any part of the system within 5 metres of the boundary of the premises?

☒ N

(b) Is any part of the system within 10 metres of a watercourse?

☒ N

(c) Is any part of the system within 50 metres of a borehole or spring?

☒ N

(d) For wells and boreholes state dimension(s) in metres.

— m

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

— m

(f) For boreholes, state details of lining in metres:

(i) Depth of lining

— m

(ii) Depth of perforated lining

— m

(iii) Depth of unperforated lining

— m

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

Have the results been provided?

☒ Y

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

☒ 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.

* WELSH CANOEING ASSOCIATION.
* % CANOLFAN TRYWERYN.
* NATIONAL WHITE WATER CENTRE.
* FRONGOGH
* BALA. GWYNEDD
*

Post Code: LL23 7NU.

Daytime Telephone Number: 01678 521083.

Company Registration Number (if appropriate): 2478971

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

* OSYRET PMI
* 16 WINDSOR PLACE.
* CARDIFF.
* CF10 3BY
*

Post Code: CF10 3BY.

Contact Name and Daytime Telephone Number: JON LLOYD
029 2082 9220.

5.2

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

* WELSH CANOEING ASSOCIATION
* % CANOLFAN TRYWERYN
* NATIONAL WHITE WATER CENTRE.
* FRONGOGH.
* BALA. GWYNEDD
*

Post Code: LL23 7NU.

Daytime Telephone Number: 01678 521083.

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 Environment 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 by completing section 5.2 above (see note xiv).

(* Delete as appropriate)

SIGNED: <u>Richard WGE</u>	PRINT NAME: <u>RICHARD WGE</u>
ON BEHALF OF: <u>WASH CANOING ASSOCIATION</u>	DATED: <u>23.2.01</u>

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



ENVIRONMENT AGENCY

ANNEXE 1

SEWAGE EFFLUENT GREATER THAN 5 CUBIC METRES PER DAY

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

Official Use Only
Application No.

Site Name.

CANOLFAN TRYWERYN (GRAVEYARD DEVELOPMENT).
NATIONAL WHITE WATER CENTRE.
FRONGOCH.
BALA. Gwynedd LL23 7NW.

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

KLUGR GISTER BIOTEC SEWAGE TREATMENT PLANT.
MODEL - P75

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

- a) Maximum flow to full treatment.
(see note (ii) in main guidance notes for population equivalents)
- b) Dry weather flow of discharge(s). (PEAK USE)
- c) Average daily flow. ANNUAL BASIS
- d) Maximum rate of discharge(s)

12 m³/d

12 m³/d

3 m³/d

l/s

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

N/A.

☒ N

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

☒ N

- b) Will automatic sampling equipment be provided?

If yes, please give details of type and location (please indicate on plan).

☒ N

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

SEE ATTACHED USAGE NUMBERS CALCULATION SHEET.

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

SEE ATTACHED USAGE NUMBERS CALCULATION SHEET.

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

LEISURE FACILITY.

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

A MAINTENANCE AGREEMENT WILL BE UNDERTAKEN/SET UP BY COUNCIL TRYWERYN FOR THE NECESSARY REGULAR MAINTENANCE OF THE UNIT.

8. Does the effluent contain a trade component? ☒ Y ☐ N
If yes, please complete appropriate section on Annexe 3 for authorised discharges of trade effluent to the sewerage system.

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

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



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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.

CYANOLFAW TRYWERYN, NATIONAL WHITE WATER CENTRE
FRONGOGH, BALA.

Is this application being made to reinstate a lapsed Consent?

☒ 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 in the main application form), please state the diameter (including units):

110 mm

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

£ 17,500.00

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

☒ N

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

Tick

☒ N/A





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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:

 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:

Tick

☐

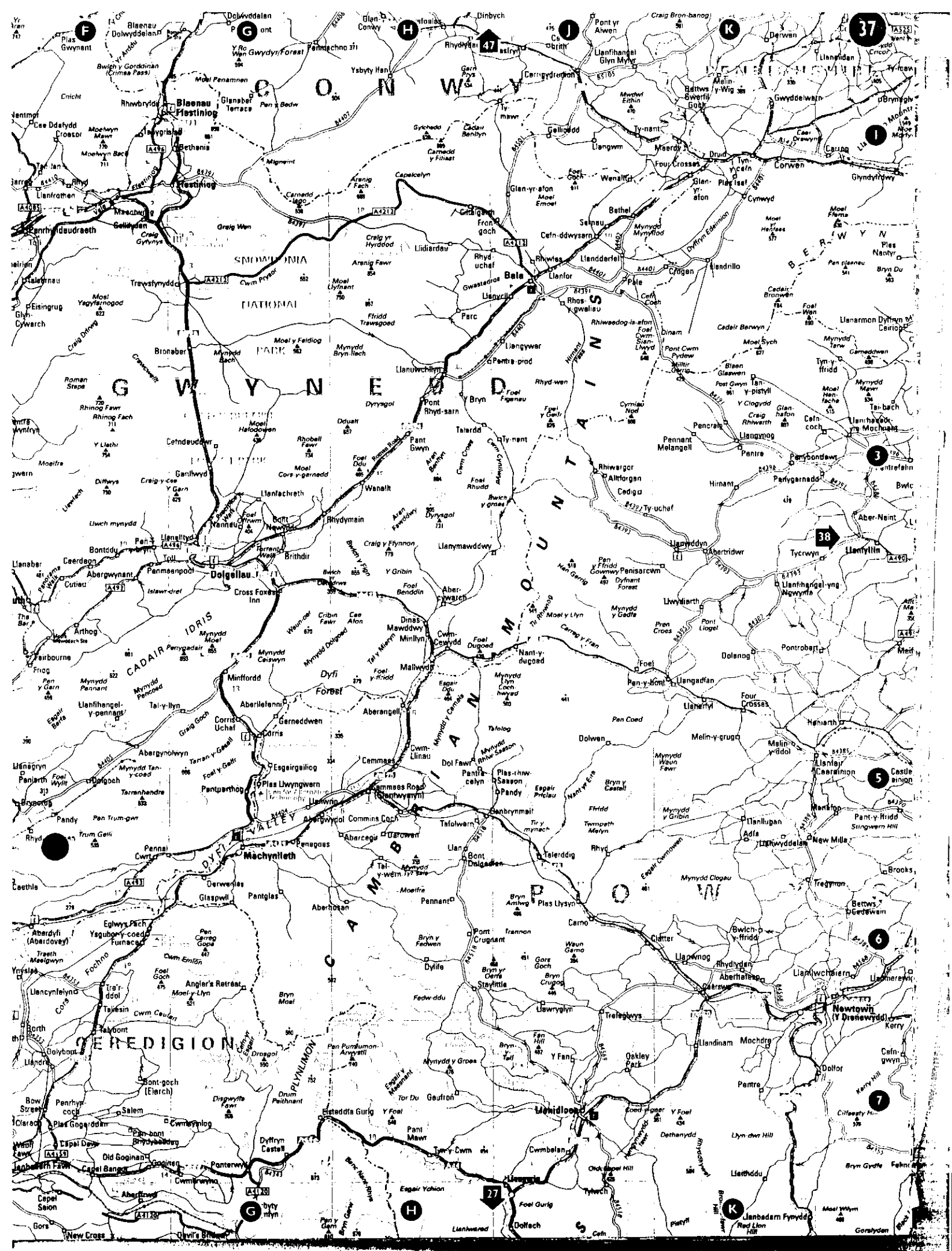
8. Please state:

Population served (head)	<u>SEE ATTACHED USAGE NUMBERS</u> <u>CALCULATION SHEET</u>
Consumption (l/head/day) default = 180	<u>80.</u>
Infiltration (m ³ /day) <u>average</u>	<u>3</u>
Industrial effluent flow (m ³ /day)	<u>N/A.</u>
Dry Weather Flow (m ³ /day) <u>average</u>	<u>3</u>
SOCA (l/sec)	<u> </u>
Predicted spill frequency (per annum)	<u>42/yr.</u>

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

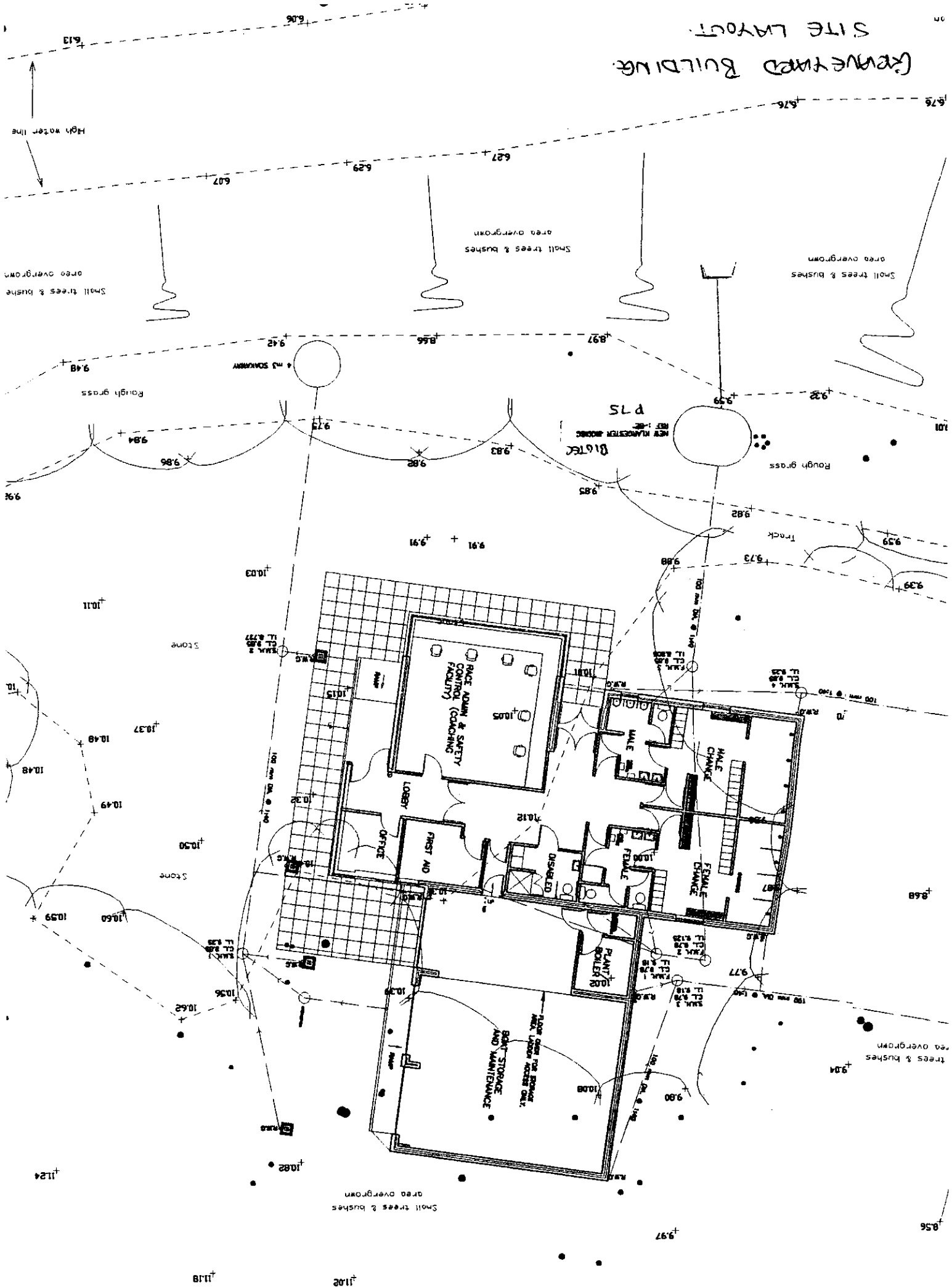
1. Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (e.g. a public limited company ('plc'), limited company, local authority), the 'body corporate' will 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.





LOCATION OF CANOLPAN TRYWERYN.
NATIONAL WHITE WATER CENTRE.

SITE LAYOUT.



From: Dave Goodson
To: Elaine Frankland
Date: 19/07/01 12:00:46
Subject: Re: Internal Consultation CG0393101

No objection on flood defence grounds.

Should this require a new outfall to the Afon Tryweryn (main river) then the applicant will require Land Drainage consent - apply to Mark Pugh.

Dave

>>> Elaine Frankland 06/06/01 15:54:23 >>>

Please find attached internal consultation form for CG0393101.

Either respond by emailing completed form or sending me a hard copy.

Owen, Hard copy of application on its way to you.

Thanks

Elaine