

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 I criteria of please fill in details, and in order to progress the application a Stage 2 assessment and consultation with EN/CCW is required.		
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:	CG0416601	
3. National Grid reference:	SJ2394641789	
4. Site reference:	Vale of Llangollen Golf Club Ltd Holyhead Road Llangollen Denbighshire LL20 7PR	
5. Brief description of proposal:	An application to discharge: 11.8m3 per day of sewage effluent into the Abercreggan Brook	
6. European site name(s) and status:	River Dee CSAC	
7. List of interest features:	1.10 – Coastal Habitats 1.11 – Coastal Habitats sensitive to abstraction 1.12 – Estuarine and Intertidal Habitats 2.4 – Liverworts 2.5 – Anadromous Fish 3.4 - Birds of Lowland Wet Grassland 3.6 – Birds of Lowland Freshwaters and their margins 3.7 – Farmland Birds 3.8 – Birds of Coastal Habitats 3.9 – Birds of Estuarine Habitats 3.10 – Birds of Open Sea and Offshore Rocks	
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:

APPENDIX 11

Stage 2

FORM HROI PROFORMA

<u>1.10 Coastal Habitats</u> Annual vegetation of drift lines Embryonic shifting dunes Fixed dunes with herbaceous vegetation (grey dunes) Shifting dunes along the shoreline with ammophila arenaria (White Dunes)	N/A	
<u>1.11 Coastal Habitats (sensitive to abstraction)</u> Atlantic salt meadows Embrionic shifting dunes Humid dune slacks Mudflats and sandflats not covered by seawater at low tide Shifting dunes along the shoreline with white dunes	A, b, d, f, g, h	
<u>1.12 Estuarine and intertidal habitats</u> Estuaries	A, b, d, e, f, g, h	
<u>2.4 Liverworts</u> Petal wort	N/A	
<u>2.5 Anadromous Fish</u> Sea Lamprey River Lamprey	A, b, c, d, e, g, h	
<u>3.4 Birds of Lowland wet grassland</u> Black Tailed Godwit Bar Tailed Godwit Curlew Dunlin Grey Plover Knot Oystercatcher Redshank Teal	A	
<u>3.6 Birds of Lowland Freshwaters and their margins</u> Common Tern Pintail Shelduck Teal	A, b, c, d, e, g	
<u>3.7 Farmland Birds</u> Bar Tailed Godwit Curlew Dunlin Grey Plover Knot Oystercatcher	N/A	

3.8 Birds of Coastal Habitats Bar Tailed Godwit Black Tailed Godwit Common Tern Dunlin Grey Plover Knot Little Tern Sandwich Tern	A, b, d, e, g	
Key: A - Toxic Contamination B - Nutrient Enrichment C - PH Changes D - Changes in Salinity regime E - Changes to 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 11	
b) In combination with other plans or projects? (Explain conclusion and which plans/projects have been included, including those associated with other functions).	No – See Point 11	
11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site? (justification – attach any relevant supporting information)	No – This is an application to discharge 11.8m3 per day of sewage effluent from a golf club into the Abercreggan Brook. The discharge will undergo treatment via a package sewage plant. Therefore as the discharge will undergo sufficient treatment before being discharged into the Abercreggan Brook, it is anticipated that the discharge will have little impact upon the designated sites	
12. Name of EA Officer:	Charlotte Lloyd	Date: 29 / 01 / 04

APPENDIX 11

Stage 2

FORM HROI PROFORMA

13. EN/CCW comment on assessment:		
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

-

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

Eich cyf/Your ref.

Ein cyf/Our ref. WP/RP/CG0416601

Dyddiad/Date: 16th February 2004

Rhys Williams
CCW,
NE Area Office,
Victoria House,
Governor St.,
Mold,
Flintshire, CH7 1EJ

Dear Mr Williams,

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY VALE OF LLANGOLLEN GOLF CLUB LTD FROM HOLYHEAD ROAD, LLANGOLLEN, DENBIGHSHIRE, LL220 7PR
APPLICATION NO: CG0416601**

I append a copy of the application for consent to discharge received from Vale of Llangollen Golf Club Ltd and Appendix 11. If you have any comments regarding this application could you please respond by 20th February 2004.

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 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**

Consent to Discharge

Water Resources Act 1991 (as amended by the Environment Act 1995)

Consent Holder(s)

**The Company Secretary
Vale of Llangollen Golf Club Limited**

Consent to Discharge from

**Vale of Llangollen Golf Club Limited
Holyhead Road
Llangollen
Denbighshire
LL20 7PR**

Consent Number

CG0416601

Environment Agency

Chester Road, Buckley, Flintshire CH7 3AJ Tel 01244 550124 Fax 01244 550144
Asiantaeth yr Amgylchedd
Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ Ffon 01244 550124 Ffacs 01244 550144



Consent to Discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)



**ASiantaeth Yr
AMGylchedd Cymru
ENVIRONMENT
AGENCY WALES**

Consent to Discharge

Consent Number
CG0416601

To:
**The Company Secretary ("the Consent Holder")
Vale of Llangollen Golf Club Limited
Holyhead Road
Llangollen
Denbighshire
LL20 7PR**

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby consents to the making of a discharge:

Of:
Biologically-treated sewage effluent and trade effluent ("the Discharge")

From:
The sewage treatment plant

At:
Vale of Llangollen Golf Club Limited

To:
The Abercreggan Brook

Subject to the conditions set out in this notice of Consent to Discharge.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991 (as amended by the Environment Act 1995), no notice shall be served by the Agency, altering this consent, without the agreement of the Consent Holder, during a period of 4 years from the date this notice is issued.

This Consent is issued on: 5th March 2004

This Consent takes effect on: 5th March 2004

Signed

DAVID POWELL
Team Leader Environment Management





Consent to Discharge

Conditions of Consent for biologically-treated sewage effluent and trade effluent

1 **Conditions of Consent for biologically-treated sewage effluent and trade effluent**

1.1 **Nature**

- 1.1.1 The Discharge shall consist solely of biologically-treated sewage effluent and trade effluent.

1.2 **Place of Discharge**

- 1.2.1 The Discharge shall be made in the manner and at the place specified as:

- a discharging to the Abercreggan Brook;
- b at National Grid Reference SJ 23946 41789;
- c shown marked "OUTLET" on Site Plan attached to this consent.

1.3 **Sampling Point Requirements**

- 1.3.1 A sample point shall be provided and maintained at National Grid Reference SJ 23936 41771 as shown marked "SAMPLE POINT" on the Site Plan attached to this consent, 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.

1.4 **Volume**

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

1.5 **Flow Measurement**

- 1.5.1 a 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 sewage through the sewage treatment plant to be recorded.





Consent to Discharge

Conditions of Consent for biologically-treated sewage effluent and trade effluent

- b The Consent Holder shall calibrate, operate and maintain the flow monitoring and recording system to a standard agreed or specified by the Agency. The flow and maintenance records shall be provided to the Agency as and when requested.

1.6 **Composition**

- 1.6.1 As far as is reasonably practicable, the sewage treatment plant shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease.

1.7 **Urban Waste Water Treatment Regulations**

- 1.7.1
 - a The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ('the Regulations').
 - b For the purpose of condition 1.7.2 below, interpretations and references to a numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.
- 1.7.2
 - a The Discharge derives from an agglomeration with a population equivalent of less than 2,000 discharging to freshwaters.
 - b The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.
 - c The Discharge shall be subject to Regulation 5(7) and satisfy the requirements of Regulation 5(8)(a).

1.8 **Priority Substances**

- 1.8.1 The Discharge shall not contain quantities of Copper or Zinc such as to cause or contribute to the concentration of that substance in the receiving water exceeding the relevant Environmental Quality Standard (EQS).





Consent to Discharge

Conditions of Consent for biologically-treated sewage effluent and trade effluent

1.9 **Works Operation**

- 1.9.1 The sewage treatment plant 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 sewage treatment plant on controlled waters.

1.10 **Maintenance**

- 1.10.1 The sewage treatment plant shall be operated and maintained in accordance with good operational practice such that:
- a** it remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;
 - b** following a failure all equipment shall be returned to normal operation as soon as practicable;
 - c** tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.

1.11 **Recording and Reporting**

- 1.11.1
- a** The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
 - b** On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
 - c** The Consent Holder shall as soon as reasonably practicable report to the Agency all non-routine actions that may have adversely affected effluent quality.



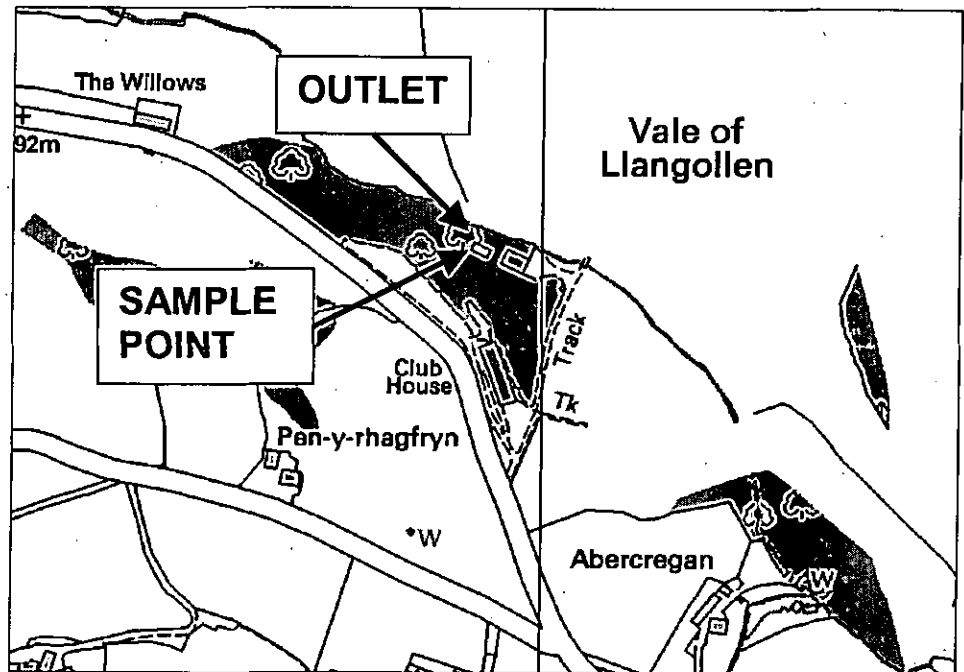


Consent to Discharge

Conditions of Consent for biologically-treated sewage effluent and trade effluent

2

Site plan





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

Pumped / Gravity

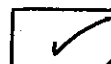
If pumped, please state the maximum pump rate in l/sec:

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)	SEE FIG REF No 1
Consumption (l/head/day) default = 180	" " " "
Infiltration (m ³ /day)	NONE
Industrial effluent flow (m ³ /day)	NONE
Dry Weather Flow (m ³ /day)	11 - 8 m ³
SOCA (l/sec)	—
Predicted spill frequency (per annum)	—

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 client's 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.



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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.

VALE OF LANGOLLEN GOLF CLUB LTD
MOLYNEAU ROAD, LANGOLLEN, DENBIGHSHIRE LL20 7PR

2. 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):

4" (110mm)

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

Approx 1/2 20 - 25 k.

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

--

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.

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			
Dichlorvos				Sulcofuron			
Dioxins				Tetrachloroethylene			
Insecticides (eg. Aldrin, Dieldrin)				Tributyltin compounds			
Endosulfan				Trichlorobenzene			
Fenitrothion				Trichloroethane			
Fenthion				Trichloroethylene			
Fluocofuron				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?
If yes, please give details.

Y/N

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

Y/N

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

Y/N

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

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

Y/N

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

Y/N

If yes, please complete the following:

- a) The application reference:

- c) Contact name of case officer:



ENVIRONMENT
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ANNEXE 3
TRADE EFFLUENT DISCHARGES

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

Official Use Only
Application No.

1 Site Name

VALE OF LANGOLLEN GOLF CLUB LTD.

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

NO TRADE EFFLUENT DISCHARGE

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

3 Rainfall Dependent Discharges

a) Is the volume going to be rainfall dependent?

Y/N

b) If yes, please give the total area drained

m²

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

4 Rainfall Independent Discharges

a) What is the maximum rate of discharge?

l/s

b) What is the average daily flow?

m³/d

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

i) give the abstraction licence number.

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

5.

Overflow settings

a)

Overflow setting to storm tanks.

l/s

b)

Maximum flow to storm tanks.

l/s

c)

Overflow setting to storm sewage overflow.

l/s

d)

Maximum flow to storm sewage overflow.

l/s

6.

Storage capacity

a)

Volume of Storm Tanks.

m³

b)

Retention time of storm tanks at maximum flow.

hours

c)

Storage capacity of sewer/wet well.

m³/d

7.

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

8.

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

Y/N

If yes, please give details.

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).

10.

What provisions will be made to deal with:

a)

power failure (eg. standby generators)?

b)

mechanical breakdown (eg. standby pumps)?

c)

rising main failure?

d)

tanker access?

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.



ENVIRONMENT 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 then Annexe 3 should also be completed)

Official Use Only
Application No

1. Site Name.

VALE OF LANGOLLEN GOLF CLUB LTD.

MOLYNEAD ROAD, LANGOLLEN, DENBIGHSHIRE LL20 7PA.

2. State the type of discharge - tick as appropriate

Storm tanks

Combined Sewer Overflow from sewerage system

Not Applicable

Combined Sewer Overflow from pumping station

Remediated Not

Emergency overflow from sewerage system

ENTERING SEWER SYSTEM

Emergency overflow from pumping station

CONFIRMED BY SEWERAGE 12/03

Other (please specify)

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

Y/N

If no please give: a) the National Grid Reference of the treated effluent outlet.

/ /

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

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

/ /

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

Y/N

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

/ /

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

SEE FIG REF No 1.

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

SEE FIG REF No 1

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

GOLF CLUBHOUSE

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

☒ Y/☐ N

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

☒ Y/☐ N

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

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



ENVIRONMENT
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ANNEXE 1

SEWAGE EFFLUENT GREATER THAN 5 CUBIC METRES PER DAY

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

Official Use Only
Application No.

1. Site Name.

VALE OF LANGOLLEN GOLF CLUB LTD
MOLYNEAD ROAD,
LANGOLLEN DENBIGHSHIRE LL20 7PR

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

BIOTEC BELOW GROUND P125 TREATMENT PLANT

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

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

25 m³

11.8 m³

11.8 m³

—

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

☒ Y/N

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

☒ Y/N

DAILY / WEEKLY CHECKS

DESLAGGING IS ACCORDANCE WITH MANUFACTURERS SPECIFICATION
ANNUAL M+E CHECK

b) Will automatic sampling equipment be provided?

☒ Y/N

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

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:	PRINT NAME:
ON BEHALF OF:	DATED:

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

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.

* VALE OF LLANGOLLEN GOLF CLUB LTD
*
* HOLTHEAD ROAD
*
* LLANGOLLEN, DENBIGHSHIRE ..
*

Post Code: LL20 7PA

Daytime Telephone Number: 01978 - 860906

Company Registration Number (if appropriate):

933626

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

* ENVIAOCARE NORTH WEST
*
* WHITEGATE FARM
*
* 290 CREWE ROAD, HASLINGTON, CREWE
*

Post Code: CW1 5TA

Contact Name and Daytime Telephone Number: 01270 - 252663

5.2

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

*
*
* AS IN 5:1 (A).
*
*

Post Code:

Daytime Telephone Number:

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

NONE

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) | ☒ | | |

DEE VALLEY WATER

4 DETAILS OF RECEIVING ENVIRONMENT

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

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | ☐ | 5. Into Land | ☐ |
| 2. River or Stream (non-tidal) | ☒ | 6. Onto Land | ☐ |
| 3. Canal | ☐ | 7. Directly into Groundwater | ☐ |
| 4. Lake, Loch or Pond | ☐ | 8. Coastal Water (see note vii) | ☐ |

State name of receiving water if known:

ABERCREEGAN BROOK

4.2 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? ☒ 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. 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/N

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)?
If yes, please give the reasons it is not practical to connect to it (eg. distance, flow etc.).

☒ Y/N

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

BIOTEC 125-P PACKAGE SEWERAGE PLANT

(INFORMATION ENCLOSED)

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

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

01 / 03 / 01

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.

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? ☒ Y/N

If yes, please give the reference number.

3 SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

DENBIGHSHIRE 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)

GOLF CLUB

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 11.8 m³/d
Briefly state how this figure was calculated (see note ii).

SEE NOTE Ref App 1

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) ☐

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

 / 4 1 7 / 2 3 9 (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 ☐

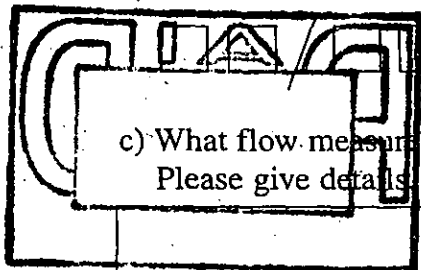
At a manhole or sampling chamber ☒

Other (please specify)

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

 / 1 7 / 2 4 0 (please indicate on accompanying plans)

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



COPY



ENVIRONMENTAL
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 CONSENTS APPLICATIONS Environment Agency Wales Chester Road Buckley Flintshire CH7 3AJ	Official Use Only Dist/Area Ref: Application No. C9 04 16601 Date Received: 06/01/2004 Fee Received: 06/01/2004
---	--

Each applicant must complete the main form and may need to complete a separate annex 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 all 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 VIII).

1 SITE ADDRESS

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

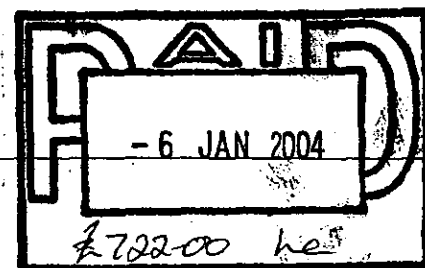
VALE OF LANGOLLEN GOLF CLUB LTD.
MOLYNEAD ROAD
LANGOLLEN, DENBIGHSHIRE

Post Code:

LL20 7PR.

RECEIVED
- 6 JAN 2004

BUCKLEY



L cat n Map



LLANGOLLEN RURAL C

LLANGOLLEN C

LLANGOLLEN

Vale of Llangollen

River Dee (on Dyfrdwy)

D. NBIGH CO CONST

GLYNDWR DISTRICT



ENVIROCARE NORTHWEST
TANKERING & DRAINAGE SERVICES

Whitegate Farm,
290 Crewe Rd. Haslington,
Nr. Crewe, Cheshire. CW1 5TR
Telephone:- 01270 252563
Fax:- 01270 252749



Based upon occupancy figures provided by yourselves, the calculation chart below shows the anticipated daily flow and biological treatment plant requirements of the development.

	Number	Flow ltrs/day per hd	Total flow m3/day	BOD gm/day per hd	Total BOD kg/day
Golf Players	256	20	5120	15	3840
Meals	100	15	1500	15	1500
Showers	100	40	4000	15	1500
3 Bedroom Flat	3.5	180	630	60	210
Part Time Staff	6	45	270	20	120
Drinkers	25	12	300	12	300
CALCULATED LOAD			11.8		7.5

File Ref No 1

All media bales are 600mm deep.

All airlifts are 2020mm tall.

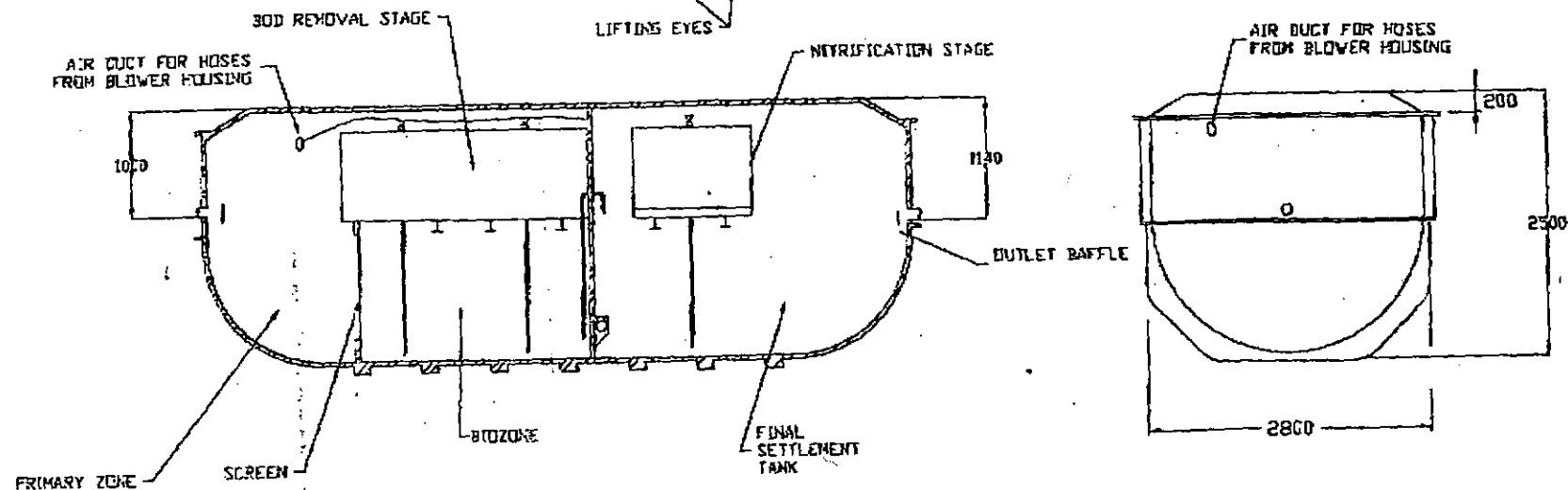
Access cover arrangements are 2 No 595x830mm with the remainder = 745x1295mm.

Screen depth is 1370mm.

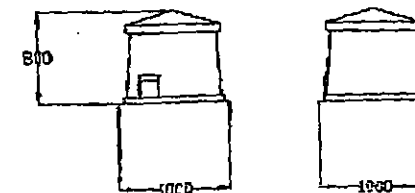
Partition is the total depth of the plant.

For inverts greater than 1.0 meter increase the excavation depth accordingly.

Inlet & Outlet Connections 160mmØ.



BLOWER ENCLOSURE
SITE WITHIN 15M OF PLANT



Standard Rate Plants					
Model No.	Length mm	Weight kg.	Covers	Airlifts	Media m2
40P	4850	1080	4	6	5.28
55P	4850	1100	4	6	5.50
75P	6825	1500	6	8	9.24
100P	7455	2000	6	8	10.56
125P	8065	2500	7	10	13.20
150P	9925	2900	8	14	17.16

High Rate Plants					
Model No.	Length mm	Weight kg.	Covers	Airlifts	Media m2
40P/90	4850	1090	4	6	6.60
55P/90	6825	1500	6	6	7.92
75P/90	8065	1950	7	10	11.88
100P/90	9305	2500	8	10	12.32
125P/90	10545	2900	8	14	17.16

TITAN
POLLUTION CONTROL

West Portway
Andover
Hampshire
SP10 3LF
Tel: 01284
.....357888

TITLE: Large Blotec
40P - 150P
Sales Drawing

Drawn:- AJS
Date:- 18.07.95

Issue:- P

DO NOT SCALE
ALL DIMENSIONS IN mm

TOLERANCE ±10mm

Revised:- JT
Date:- 05.08.02

DRG. No.

Etp/160

UNCONTROLLED DRAWING
PLEASE CHECK WITH TITAN POLLUTION CONTROL LTD
THAT THIS DRAWING IS OF THE LATEST ISSUE

TITAN RESERVE THE
RIGHT TO ALTER THE
DETAILS OF THIS
DRAWING WITHOUT
PRIOR NOTICE.



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref: CG0416601

Date: 6th January 2004

Envirocare Northwest
Whitegate Farm
290 Crewe Road
Haslington
Crewe
CW1 7PR

COPY

Dear Sir/Madam

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY VALE OF LLANGOLLEN GOLF CLUB LTD FROM HOLYHEAD ROAD, LLANGOLLEN, DENBIGHSHIRE, LL20 7PR
APPLICATION NO: CG0416601**

Thank you for your application for consent to discharge together with your application fee of £103. It is receiving consideration and you will be hearing from us again shortly. Please state application CG0416601 in any correspondence with us relating to this application.

Yours faithfully

Kelvin Graham
Team Leader Customer Contact and Authorisations

Please ask for Ruth Prichard

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



Ein cyf/Our ref.

WP/RP/CG0416601



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Dyddiad/Date:

15th January 2004

COPY

Envirocare Northwest
Whitegate Farm
290 Crewe Road
Haslington
Crewe
CW1 5TR

Dear Sir/Madam

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995), APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY VALE OF LLANGOLLEN GOLF CLUB LTD FROM HOLYHEAD ROAD, LLANGOLLEN, DENBIGHSHIRE, LL20 7PR
APPLICATION NO: CG0416601**

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

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

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

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

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

Yours sincerely

Kelvin Graham

Team Leader Customer Contact and Authorisations

Please ask for Ext. 4502

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

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



Application No. CG0416601



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

ENVIRONMENT AGENCY

WELSH REGION

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

NOTICE REQUIRING FURTHER INFORMATION TO SUPPORT APPLICATION FOR DISCHARGE CONSENT

To: Envirocare Northwest, Whitegate Farm, 290 Crewe Road, Haslington, Crewe,
CW1 5TR

Application For Consent to discharge from Vale of Llangollen Golf Club Ltd
Holyhead Road
Llangollen
Denbighshire
LL20 7PR

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

Address to which information should be sent:

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

Signed:

Date:

15.1.04.

NOTES

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

The Schedule is attached.

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

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





ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Application No.	CG0416601
Date issued	15 th January 2004

SCHEDULE OF FURTHER INFORMATION REQUIRED

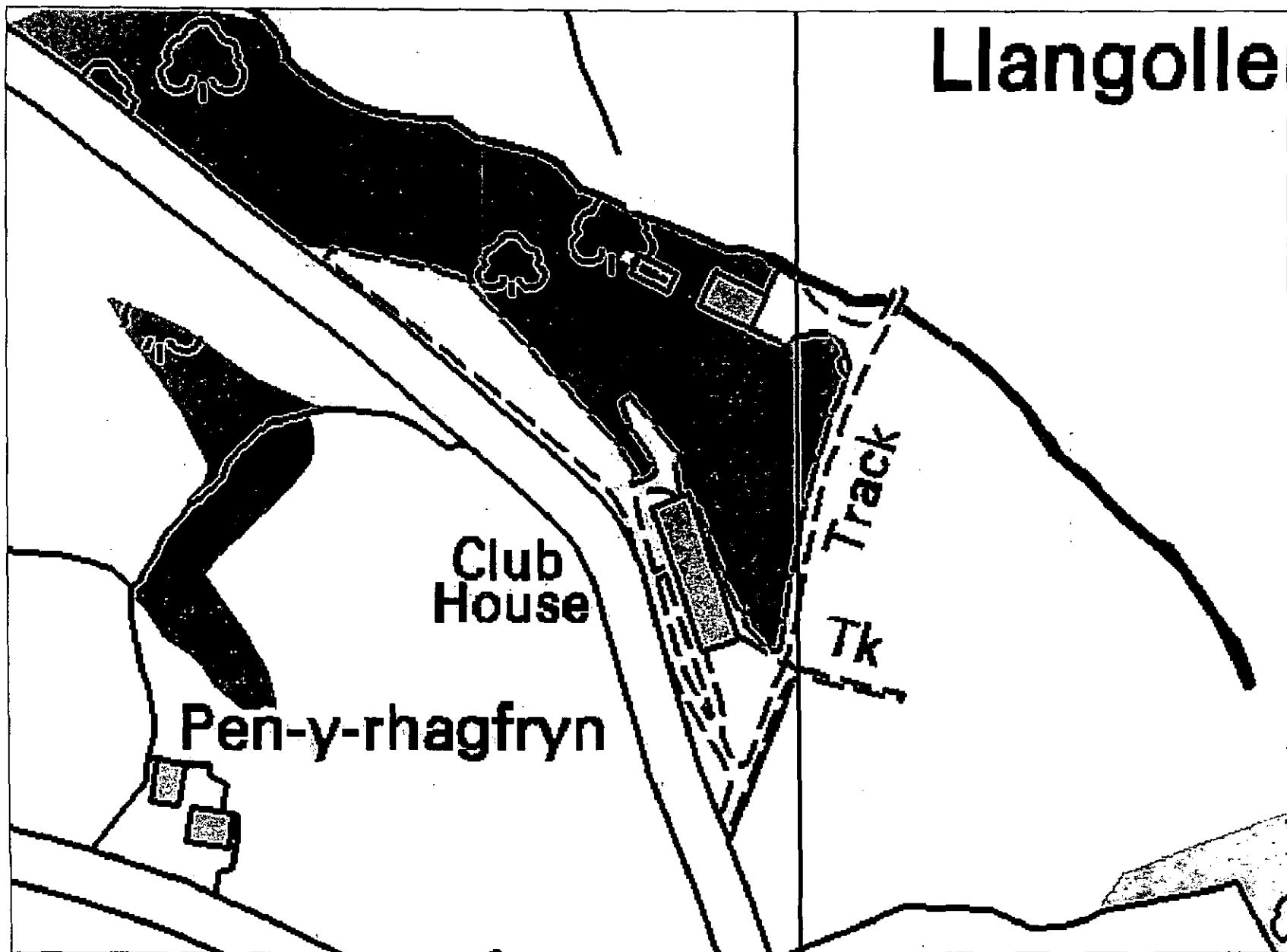
Could you please supply the following information:

1. Can you please mark on the attached plan the location of the discharge and sample points, and the package plant itself. We can then extrapolate the grid references for the purposes of consent determination.
2. Can you please identify a position within the golf club, to whom the consent should be issued e.g Company Secretary, Director

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

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





One Centimetre = 0.0232 Km

Km 0.025 0.05 0.075 0.1 0.125 0.15 0.175 0.2 0.225