

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



ENVIRONMENT
AGENCY

Part A

To: SNOWDONIA NATIONAL PARK AUTHORITY

PROPERTY MANAGER
NATIONAL PARK OFFICES
PENRHYNDEUDRAETH
GWYNEDD LL48 6LF

NB: For a body corporate the job title is a point of contact.
Holder Start Date: 16/08/01

The Environment Agency ("the Agency"), hereby confirm that the above named person is a/the registered holder of consent CG0393601 Consent issued: 16/08/2001

Nature of Discharge(s): STEC Treated sewage Effluent - Continuous
at SH6083054350 SNOWDON SUMMIT CAFE SNOWDONIA PK

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: CG0393601 Name: SNOWDONIA NATIONAL PARK AUTHORITY
Consent Issued: 16/08/2001 Address: PROPERTY MANAGER
NATIONAL PARK OFFICES
PENRHYNDEUDRAETH
GWYNEDD LL48 6LF

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to:

*delete as appropriate

Name(s) of new holder(s):
Address:

Post Code:

Date of Transfer to new Holder(s):

Signed: Dated:

Name (block capitals): Position: (to be completed when signing on behalf of corporate bodies)



Llecaf Adnoddau Dwr 1991
fel y'i diwygiwyd gan Deddf yr Amgylchedd 1995
Caniatâd Gollwng
Tystysgrif Daliwr



ASIANTAETH YR
AMGYLCHEDD

Rhan A
At: SNOWDONIA NATIONAL PARK AUTHORITY

PROPERTY MANAGER
NATIONAL PARK OFFICES
PENRHYNDEUDRAETH
GWYNEDD LL48 6LF

DS: I gofio cofrestrdeg mae teitl y swydd yn bwyrh cyrriflu
Dyddiad Cyflwyno Daliwr: 16/08/01

Mae Asiantaeth yr Amgylchedd ("yr Asiantaeth") yn cadarnhau drwy hyn mai/bod y sawl a enwyd uchod yw/yn ddaliwr cofrestrdeg uy caniatâd CG0393601 Cyhoeddiwyd Caniatâd: 16/08/2001

Natur y gollwng: STEC Treated sewage Effluent - Continuous
yn SH6083054350 SNOWDON SUMMIT CAFE SNOWDONIA PK

Nodyn: Dyddiad cadw'r dystysgrif hon gyda'r ddogfen caniatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb y gollwng i rwyon arall, mae i chi gyflwyno'r caniatâd iddo et neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. Ni all y daliwr wagu cyfrifoldeb y gollwng, ond gall cofrestrfard y daliwr gael ei drosglwyddo i olynnydd. I wneud hynny, byddwch cystal â llenw'r ffurflen isod, ei dargysyllu a'i dyrchwylu i'r cyfeiriad a nodir. Os niethwch drosglyddio'r caniatâd, bydd yn eidd os nad ydych chi ar y safle mwyach, gallwch fod yn agored yr un fath i gael eich clym am lygry. Os trosglyddwch 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

Caniatâd: CG0393601 Enw: SNOWDONIA NATIONAL PARK AUTHORITY
Cyhoeddiwyd Caniatâd: 16/08/2001 Cyfeiriad: PROPERTY MANAGER
NATIONAL PARK OFFICES
PENRHYNDEUDRAETH
GWYNEDD LL48 6LF

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

*deliwch yn ôl yr enghen

Enw(au) y Daliwr/Daliwyr newydd:
Cyfeiriad:

Cod Post:

Dyddiad Trosglwyddo i'r Daliwr/Daliwyr newydd:

Llofnodwyd: Dyddiedig:

Enw Enw (priflythrennau bras): Safle: (i'w llenw' wrth llofnodi at am gyfrif cofrestrfard)



Environment Agency

WATER RESOURCES ACT 1991

NOTICE OF APPLICATION FOR A LICENCE TO ABSTRACT WATER

Take notice that Hemel Hempstead Properties Ltd, Fairways Centre, Watlington Avenue, London, is applying to the Environment Agency for a licence to abstract water from the chalk at National Grid Ref. TL 298 033 (Forest Hills Golf Club), Newquedon, Devon, PL13 3JL. The proposed abstraction is for 127 cubic metres per day, 54.27 cubic metres per year for every irrigation and clubhouse use. A copy of the application and any map, plan and other document submitted with it may be inspected, free of charge, at all reasonable hours at Forest Hills Golf Club, above, between 16th May 2001 and 16th June 2001.

Any person who wishes to make representations about the application should do so in writing to the Environment Agency, Appleton Court, 2 Bishop's Square, St Albans Road West, Hatfield, Hertfordshire, AL9 9DA, before the end of the said period.

F. L. Montgomery, on behalf of the above

(515)

Environment Agency—North West Region

WATER RESOURCES ACT 1991

NOTICE OF APPLICATION FOR A LICENCE TO ABSTRACT WATER

Take notice that the British Waterways Board, Eastern Road, Watford, Hertfordshire WD17 8, is applying to the Environment Agency for a licence to abstract water from the chalk at National Grid Ref. SE 0100 071. The proposed abstraction is for 95.04 cubic metres per day, 3.46 cubic metres per year. A copy of the application and any map, plan and other document submitted with it may be inspected, free of charge, at all reasonable hours at British Waterways Centre, Tunnel End, Watcote Road, Watcote, Leicestershire LE19 4BN, between 4th May 2001 and 4th June 2001.

Any person who wishes to make representations about the application should do so in writing to the Environment Agency, Watlington Avenue, Appleton Court, 2 Bishop's Square, St Albans Road West, Hatfield, Hertfordshire, AL9 9DA, before the end of the said period.

J. B. Taylor, on behalf of British Waterways Board

1st May 2001.

(508)

Environment Agency—South West Region

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED)

NOTICE OF APPLICATION FOR CONSENT TO DISCHARGE

Notice is given, as required by Schedule 10 of the Water Resources Act 1991, that the following application has been made to the Environment Agency, South West Region:

Wessex Water has applied for a Consent to Discharge from a proposed new Sewage Treatment Works at Ridge Road, Sturminster Newton, Dorset. The proposed discharge is for effluent from a new sewage treatment works at Ridge Road, Sturminster Newton, Dorset. The proposed discharge is for effluent from a new sewage treatment works at Ridge Road, Sturminster Newton, Dorset. The proposed discharge is for effluent from a new sewage treatment works at Ridge Road, Sturminster Newton, Dorset.

Reference: Sire Name: Ridge Road, Sturminster Newton, Dorset. Receiver: Dorset NGR. Date: 1st May 2001.

101558

Sturminster Newton

ST 8236 5061

Details of the application are contained in the Register held by the Agency in its office at Rivers House, East Quay, Bridgwater, Somerset TA6 4YS and may be inspected, free of charge, from 9 a.m. to 5 p.m. Monday to Friday inclusive. Enquiries by telephone may be made on 01939 44000 ext 2510.

Any person who wishes to make representations or require further information about the application should do so in writing to the Environment Agency, South West Region, Rivers House, East Quay, Bridgwater, Somerset TA6 4YS, before the end of the said period.

Number: not later than 14th June 2001.

(497)

Environment Agency—Southern Region

WATER RESOURCES ACT 1991 (AS AMENDED)

NOTICE OF APPLICATION FOR CONSENT IN PURSUANCE OF SECTION 88 AND SCHEDULE 10

Notice is hereby given, in accordance with section 88 and Schedule 10 of the Water Resources Act 1991, that an application No. P/9813K/71 has been made to the Environment Agency (Southern Region) by Mr. J. Scott for consent to discharge effluent from a proposed new sewage treatment works at Ridge Road, Sturminster Newton, Dorset. The proposed discharge is for effluent from a new sewage treatment works at Ridge Road, Sturminster Newton, Dorset. The proposed discharge is for effluent from a new sewage treatment works at Ridge Road, Sturminster Newton, Dorset.

Any person who wishes to make representations about the application should do so in writing to the Environment Agency, Watlington Avenue, Appleton Court, 2 Bishop's Square, St Albans Road West, Hatfield, Hertfordshire, AL9 9DA, before the end of the said period.

R. Mead, Kent Area Environment Planning Manager

4th May 2001.

(507)

Environment Agency Wales

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED)

NOTICE OF APPLICATION FOR CONSENT FOR THE PURPOSE OF SECTION 88

Notice is hereby given, in accordance with Schedule 10 of the Water Resources Act 1991, that the following application has been made to the Environment Agency Wales, Southern Region:

Any person who wishes to make representations about the application should do so in writing to the Environment Agency Wales, Southern Region, Watlington Avenue, Appleton Court, 2 Bishop's Square, St Albans Road West, Hatfield, Hertfordshire, AL9 9DA, before the end of the said period.

R. Topping, Team Leader Customer Contact

13th April 2001.

(494)

Environment Agency Wales

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED)

NOTICE OF APPLICATION FOR CONSENT FOR THE PURPOSE OF SECTION 88

Notice is hereby given, in accordance with Schedule 10 of the Water Resources Act 1991, that the following application has been made to the Environment Agency Wales, Southern Region:

Any person who wishes to make representations about the application should do so in writing to the Environment Agency Wales, Southern Region, Watlington Avenue, Appleton Court, 2 Bishop's Square, St Albans Road West, Hatfield, Hertfordshire, AL9 9DA, before the end of the said period.

S. Owen, Team Leader Water Quality Consents

30th April 2001.

(499)

Legal Notices

THE GENERAL ASSURANCE CO. (GUINNESS) LTD
NOTICE OF APPLICATION FOR A LICENCE TO ABSTRACT WATER
 The General Assurance Co. (Guinness) Ltd, 100, The Strand, London WC2R 0AL, is applying to the Environment Agency for a licence to abstract water from the chalk at National Grid Ref. TL 298 033 (Forest Hills Golf Club), Newquedon, Devon, PL13 3JL. The proposed abstraction is for 127 cubic metres per day, 54.27 cubic metres per year for every irrigation and clubhouse use. A copy of the application and any map, plan and other document submitted with it may be inspected, free of charge, at all reasonable hours at Forest Hills Golf Club, above, between 16th May 2001 and 16th June 2001.

CLIENT: Environment Agency
DATE OF PUBLICATION: 3rd May 2001
PUBLICATION: Daily Post

SCHEDULE 10
 The purpose of this notice is to inform the public of the application for a licence to abstract water from the chalk at National Grid Ref. TL 298 033 (Forest Hills Golf Club), Newquedon, Devon, PL13 3JL. The proposed abstraction is for 127 cubic metres per day, 54.27 cubic metres per year for every irrigation and clubhouse use. A copy of the application and any map, plan and other document submitted with it may be inspected, free of charge, at all reasonable hours at Forest Hills Golf Club, above, between 16th May 2001 and 16th June 2001.

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED)
NOTICE OF APPLICATION FOR CONSENT FOR THE PURPOSE OF SECTION 88
 Notice is hereby given, in accordance with Schedule 10 of the Water Resources Act 1991, that the following application has been made to the Environment Agency, Southern Region:

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED)
NOTICE OF APPLICATION FOR CONSENT FOR THE PURPOSE OF SECTION 88
 Notice is hereby given, in accordance with Schedule 10 of the Water Resources Act 1991, that the following application has been made to the Environment Agency, Southern Region:

GENERAL VACANCIES
 appear in the DAILY POST every Thursday

THE MATTER OF
THE GENERAL ASSURANCE CO. (GUINNESS) LTD
NOTICE OF APPLICATION FOR A LICENCE TO ABSTRACT WATER
 The General Assurance Co. (Guinness) Ltd, 100, The Strand, London WC2R 0AL, is applying to the Environment Agency for a licence to abstract water from the chalk at National Grid Ref. TL 298 033 (Forest Hills Golf Club), Newquedon, Devon, PL13 3JL. The proposed abstraction is for 127 cubic metres per day, 54.27 cubic metres per year for every irrigation and clubhouse use. A copy of the application and any map, plan and other document submitted with it may be inspected, free of charge, at all reasonable hours at Forest Hills Golf Club, above, between 16th May 2001 and 16th June 2001.

LEGAL

LEGAL

LEGAL

2007/02/26 2007/02/26

2024.07.26

TOTALS

TOTALS

RECRUITMENT MEDIA INVOICE

1997

TOTALS



ASIANIAETH YR
AMGŴCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Rob Reay

Eich cyf/Your ref:
Ein cyf/Our ref:

W/PE/CG0393601

Enquiries

Elaine Frankland (Ext 4567)

Dyddiad/Date:

17 August 2001

Mr A Spray
Hyder Consulting Ltd
Allt-y-Ffynnon
Alltani Road
MOLD
CH7 6RW

Dear Mr Spray

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE AT SH 6085 5435 BY SNOWDONIA NATIONAL PARK AUTHORITY FROM PREMISES AT SNOWDON SUMMIT.
APPLICATION NO. CG0393601

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 Biologically-treated Sewage and Trade Effluent from Snowdon Summit Cafe.

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 Caei, Iwerddu Stryc Ffôn C17 3AJ
Ffôn 01241 550121 Ffacs 01241 550144
Environment Agency Wales
Caei Road, Iwerddu, Llanfongoch C17 3AJ
Tel 01241 550121 Fax 01241 550144

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 changes associated with the Consent are transferred to the new holder. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

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

Yours sincerely,

E. Frankland
LISA EAGLE
Team Leader Customer Contact & Authorisations

Enc.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caei, Iwerddu Stryc Ffôn C17 3AJ
Ffôn 01241 550121 Ffacs 01241 550144
Environment Agency Wales
Caei Road, Iwerddu, Llanfongoch C17 3AJ
Tel 01241 550121 Fax 01241 550144

CONSENT NO. CG0393601



WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: Property Manager
Snowdonia National Park Authority
Penrhyneddtraeth
Gwynedd
LL48 6LF

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 BIOLOGICALLY-TREATED SEWAGE AND TRADE EFFLUENT, as follows:

Biologically-treated Sewage and Trade Effluent

FROM: Snowdon Summit Café

AT: Snowdonia National Park, Gwynedd

TO: Ground

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

Biologically-treated Sewage and Trade Effluent

Schedule No. CG0393601 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 16th August 2001

Signed *[Signature]*
Water Quality Consents Team Leader

Asiantaeth yr Amgylchedd
Ffôn Ll Cwyl: Ffôn Ll Swydd: 01752 550124 Ffôn Ll Cwyl: 01752 550124
Ffôn Ll Cwyl: 01752 550124 Ffôn Ll Cwyl: 01752 550124
Ffôn Ll Cwyl: 01752 550124 Ffôn Ll Cwyl: 01752 550124

CONSENT NO.	CG0393601
SCHEDULE NO.	CG0393601 01
DATE ISSUED	16 th August 2001



CONDITIONS OF CONSENT TO DISCHARGE

Biologically-treated Sewage and Trade Effluent ("the Discharge")

FROM: Snowdon Summit Café, Snowdonia National Park, Gwynedd

- (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

- The Discharge shall consist solely of biologically-treated sewage and trade effluent arising from Snowdon Summit Café, Snowdonia National Park, Gwynedd.

LOCATION

- The Discharge shall be made in the manner and at the place specified as:
 - discharging via a 100 millimetre diameter pipe;
 - discharging to ground;
 - at National Grid Reference SH 6085 5435;
 - shown marked 'Discharge Point' on Plan CG0393601 attached as Annex 1.

SAMPLE POINT

- An appropriately labelled sample point shall be provided and maintained at National Grid Reference SH 6090 5435, as shown marked 'Sample Point' on the attached Plan CG0393601, 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 discharging to ground.

CONSENT NO.	CG0393601
SCHEDULE NO.	CG0393601 01



VOLUME

5. The volume of the Discharge shall not exceed 10.9 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 cause any adverse effects on sources of water used for public or private potable supply.
8. The works shall be operated so as to prevent the Discharge from causing ecological damage or from having any adverse aesthetic impact.

MAINTENANCE

9. The works 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.
10. No part of the sub-surface soakaway system shall lie within 10 metres of the nearest watercourse.

CONSENT NO.	CG0393601
SCHEDULE NO.	CG0393601 01



OTHER

11. The layout of drainage pipes from the septic tank should be inspected, and the hydraulic path of the discharge flow mapped, at a frequency to be agreed in writing with the Agency. Records of the inspections and the maps must be maintained and copies of these made available for inspection by the Agency's officers at all reasonable times.
12. An adequate layer of scree must be maintained at all times over the area covered by the drainage pipes leading from the septic tank. The scree shall be in such a form that it provides a layer of unbroken cover, and prevents any part of the area covered by the drainage pipes being open to the environment.

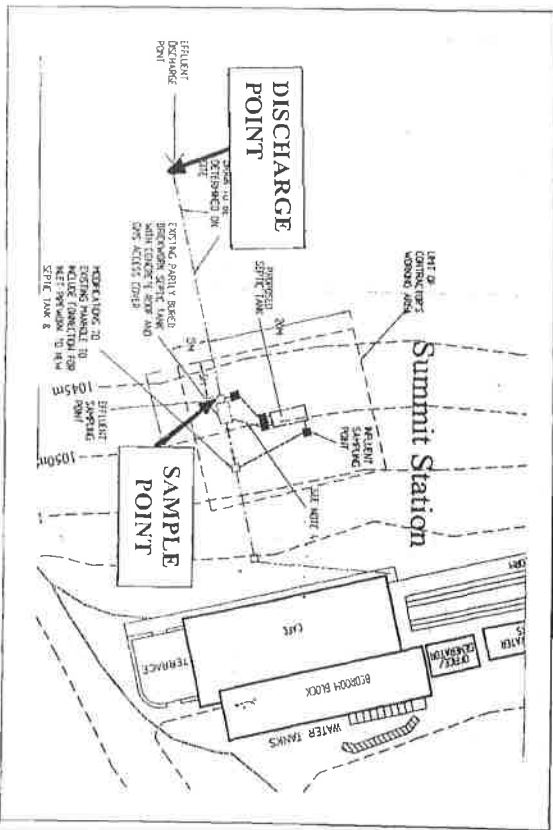
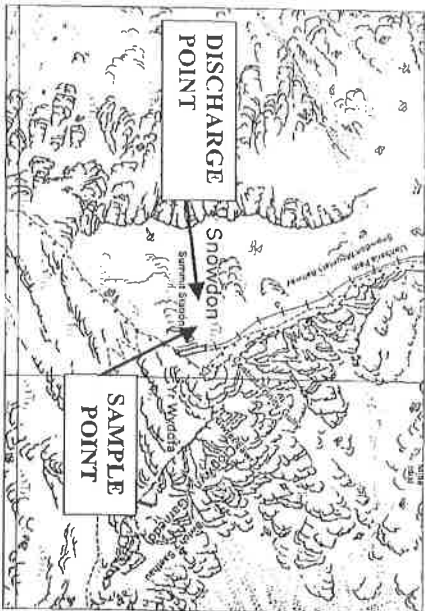
CG0393601

ANNEX 1

Plan CG0393601



ASIANTAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES



Deposited from the Finance Sub-Committee with the permission of Her Majesty's Stationery Office. (Cash copy-right.)
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Hyder

Consulting

Environment Agency,
Chester Road,
Buckley,
Flintshire,
CH7 3AJ

05 July 2001

For the attention of: Wendy Price

Dear Ms. Price,

Snowdon Summit Septic Tank – Discharge Consent

Client: Snowdonia National Park Authority

Thank you for your letter of 21 June 2001.

The treated effluent discharge pipe down the mountain-side will remain as existing apart from the addition of 6no. short branches along its length to give a dispersed discharge as previously discussed. We believe the bore of the existing pipe is 100mm, although we have not been able to confirm this to the current point of discharge. In any event, the intention is that the new branches are 100mm. bore.

With regard to the 4 year 'hands off' period, can advise that the National Park Authority does not wish to formally waive its rights to this. However, I have been asked to stress on behalf of the Authority the importance that it attaches to conservation and protection of the environment and their willingness to resolve any problems that may occur. They have asked me express their appreciation for the co-operation they have received from the Agency and to state that they will continue to work very closely with the Agency and the Countryside Council for Wales to ensure that the environment is protected.

I trust this response is acceptable to you and that you can now complete the determination process.

Yours Faithfully

A G Spray

For Hyder Consulting Ltd.

cc. Peter Trumper, SNPA.



Hyder Consulting Limited Registered office 23 Cornwall Terrace, Regents Park, London NW1 4QP
Registered in England no 2212959

Alli-v. Flynnon
Alltami Road
Mold CH 7 BRV
Tel +44 (0)1244 545 897
Fax +44 (0)1244 551 211

Your Reference
CG0393601

Our Reference
NE50119/s6/M/AGS

Enquiries

Mr. Alan Spray

Direct Line
01244 551414



CYNGOR CEFN GWLAD CYMRU
COUNTRYSIDE COUNCIL FOR WALES

CADERIDD/CHAIRMAN: JOHN LLOYD JONES OBE • PRIF WETTEDDWR/CHIEF EXECUTIVE: PAUL LOVELL/CK CBE JP
Arfonwrch eich aeth ar/Please reply to: Michael J Willis
Llindl Union/Direct Line: 01248 672502
Swyddfa Ardal Gogledd Orllewin/
North West Area Office

Ulys y Bont
Parc Meral
BANGOR
Gwynedd
LL57 4BH

Ulys y Bont
Parc Meral
BANGOR
Gwynedd
LL57 4BH

Lisa Eagle

Customer Contact Team Leader
Environment Agency Wales
Ffordd Caer
Bwcle
Sir y Ffini
CH7 3AJ

Your ref: WPIEF/CG0393601

Our ref: MJW/SH65.2.1

13 July 2001

Dear Ms Eagle
WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE
ENVIRONMENT ACT 1995): FORMAL CONSULTATION,
APPLICATION FOR CONSENT TO DISCHARGE BY SNOWDONIA NATIONAL
PARK AUTHORITY FROM SNOWDON SUMMIT CAFE. APPLICATION NO: CG
0393601
SNOWDONIA/ ERYRI cSAC

Further to your letter dated 29 May, we have studied the information provided and following a recent site visit by Hywel Roberts, Warden Gogledd Eryri, we are satisfied that the discharge from the proposed new sewage treatment equipment will not cause a significant impact, either alone or in combination, to the Eryri/Snowdonia cSAC.

I return your Appendix 11 form duly completed and signed.

Yours sincerely

Michael J Willis
Ecologydd a Prif Swyddog/
Area Ecologist and Senior Officer

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/CVW is required.

PART A

To be completed by relevant technical/project officer in consultation with Conservation/Ecology section and EN/CVW

1.	Type of permission/activity:	Water Resources Act (1991) (as amended by Environment Act 1995) consent to discharge												
2.	Agency reference no:	CG0393601												
3.	National Grid reference:	SH 6085 5435												
4.	Site reference:	STW for Snowdon Summit Cafe												
5.	Brief description of proposal:	Current discharge is from a septic tank, with the effluent flowing across the ground. This is unconsented. Proposal is to improve or install new septic tank, and put discharge into form of 'soakaway' to minimise environmental impact, and legalise discharge.												
6.	European site name(s) and status:	Snowdonia SAC and SSSI												
7.	List of interest features:	Acidic Scree Montane Acid Grassland Plants in Crevasses in Limestone rock												
8.	Is the proposal directly connected with or necessary to the management of the site for nature conservation?	No												
9.	What potential hazards are likely to affect the interest features? (Refer to relevant sensitivity matrix and only include those to which the interest features are sensitive). Are the interest features potentially exposed to the hazard?	<table><thead><tr><th>Sensitive Interest Feature:</th><th>Potential hazard:</th><th>Potential exposure to hazard and mechanism of effect/impact if known:</th></tr></thead><tbody><tr><td>Acidic scree</td><td></td><td>Effluent discharge into scree</td></tr><tr><td>Montane acid grassland</td><td></td><td>Effluent discharge into scree</td></tr><tr><td>Plants in crevasses in limestone pavement</td><td></td><td>Effluent discharge into scree</td></tr></tbody></table>	Sensitive Interest Feature:	Potential hazard:	Potential exposure to hazard and mechanism of effect/impact if known:	Acidic scree		Effluent discharge into scree	Montane acid grassland		Effluent discharge into scree	Plants in crevasses in limestone pavement		Effluent discharge into scree
Sensitive Interest Feature:	Potential hazard:	Potential exposure to hazard and mechanism of effect/impact if known:												
Acidic scree		Effluent discharge into scree												
Montane acid grassland		Effluent discharge into scree												
Plants in crevasses in limestone pavement		Effluent discharge into scree												
10.	Is the potential scale or magnitude of any effect likely to be significant?													

a) Alone?		No
(explain, conclusion, e.g. in relation to de minimus criteria)		
b) In combination with other plans or projects?		No
(Explain conclusion and which plans/projects have been included, including those associated with other functions)		
11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site?		No
(justification - attach any relevant supporting information)		
12. Name of EA Officer:	Wendy C Price	Date: 25 th May 2001
13. EN/CW comment on assessment:	The vegetation in the vicinity of the road from the Summit Building to square and scattered across ground with occasional flowering trees (Corylus avellana) growing amongst willow and birch along the road. To the south of the road are several large trees (Sedum, Salix, Sorbus, etc.) and a large area of bare ground. There are no areas of characteristic vegetation in the immediate vicinity. The highest trees that they proposed discharge is unlikely to have a significant effect on this site.	
14. Name of EN/CW Officer:	MICHAEL J. WILSON NORMAN G. GARDNER & SONIA OFFICE	Date: 15 July 2001

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/CW Comment on scope of appropriate assessment:	
16. Name of EN/CW Officer:	
Date:	

Mr Peter Trumper

Gwyb. Contact
☎ Uniongyrchol • Direct

En of • Our ref

Dyddiad • Date

e-bost • e-mail

4/VF/057.004a/PT/LJ

11th April 2001

RECEIVED
17 APR 2001

BUCKLEY

Snowdonia National Park Authority
National Park Office
Porthmadog
Gwynedd LL58 6LF
☎ 01768 770274
☎ 01768 771211
ymhellbaid • enquiries
porthmadog@npa.gov.uk
www.npa.gov.uk



Wendy Price,
Environment Agency Wales,
Chester Road,
Buckley,
Flintshire,
CH7 3AJ.

Dear Mr Price,

Re: Discharge consent application - Snowdon Summit.

Will regard to the above application I enclose a cheque for the consent fee of £645.00.

Yours sincerely,

P. Trumper

Peter Trumper
Property Manager.

Enc.

P A I D

17 APR 2001

Kusgocho

Hyder

Consulting

A Y R A / E A
29 MAR 2001
E R Y R I

Lisa Eagle
Customer Contact Team leader
Environment Agency Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Your Reference
EF/CG0393601
Our Reference
NES0119/1.6/M/NST
Enquiries
Mr. A. G. Spray
Direct Line
01244 551514

26 March, 2001

Dear Ms Eagle

Snowdon Summit Sewage Treatment
Water Resources Act 1991, Schedule 10 (as Amended by the Environment Act
1995), Application for Consent to Discharge Sewage Effluent by Snowdonia
National Park Authority from Snowdon Summit Café
Application No. CG0393601

Further to your letter of 12 March 2001, we reply as follows:

1. The absolute maximum discharge volume in any one day will be 10.9 cubic metres.
Please amend Section 2.2 of our original application form.
2. We have requested our client, Snowdonia National Park Authority, to send you a
cheque for the application fee of £645.00.
3. Please find enclosed 3 completed copies of Annex 3.
4. Please find enclosed 3 copies of Drg. No. NES0119-007 Issue B. The locations of the
proposed sampling points have been added to the drawing. Please destroy the
previous issue of this drawing.

Yours sincerely,

Mr Peter Trumper

A. G. Spray

Enc.

cc: Mr Peter Trumper, SNPA



Hyder Consulting Limited Registered office 23 Cornwall Terrace Regent's Park, London NW1 4QP
Registered in England no 2213959



Aelod o Gymanithas Awstruturdu y Parcaw Cenedlaethol
Member of the Association of National Park Authorities
Aelod o EUROPARC Member





ENVIRONMENT
AGENCY

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.
CE0393601

1. Site Name.

Snowdon Summit Café

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

Café, bar & toilets from Café Building at Snowdon Summit

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

Septic Tank - see org. Nos. NES0119-007B, NES0119-008A & NES0119-009A

3. Rainfall Dependent Discharges

a) Is the volume going to be rainfall dependent?

☒ 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)

NOT APPLICABLE

4. Rainfall Independent Discharges

a) What is the maximum rate of discharge?

1 l/s

b) What is the average daily flow?

5 m³/d

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

i) give the abstraction licence number.

Spring source near Clogwyn, licence number not known. Grid Ref SH 6080 5585

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

5 H / 6 0 9 0 / 5 4 3 5 (please mark on the plan)

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, frequency and location (please indicate on plan).

☒ N

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

Ambient

b) Will the discharge be monitored for temperature?

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

☒ N

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

☒ N

If yes, please complete the following:

a) The application reference:

N/A

c) Contact name of case officer.

N/A

8. a) Please indicate if any of the specified substances given below or their compounds will be present in the effluent and if so at what maximum concentration (please give values in micrograms per litre - ug/l). Please see note c.

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				Pentachloroethylene			
Copper				Permethrin			
Cyanide				pH < 5.5 or > 9.0			
Cyfluthrin				Phosphorus			
DDT				Polychlorinated biphenyls			
1,2 Dichloroethane				Simazine			
Dichlorvos				Sulcofuron			
Dioxins				Tetrachloroethylene			
Drins (eg. Aldrin, Dieldrin)				Tributyltin compounds			
Endosulfan				Trichlorobenzene			
Fenitrothion				Trichloroethane			
Fenitron				Trichloroethylene			
Fluocifuron				Trifluralin			
Hexachlorobenzene (HCB)				Triphenyltin compounds			
Hexachlorobutadiene (HCBD)				Vanadium			
Hexachlorocyclohexanes (HCH's)				Zinc			

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

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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AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES



ASIANIAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. EF/CG0393601

Dyddiad/Date: 12 March 2001

Mr Alan Spray
Hyder Consulting Ltd
Allt-y-Ffynnon
Alltarn Road
MOLD CH7 6RW

Dear Mr Spray

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995), APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY SNOWDONIA NATIONAL PARK AUTHORITY FROM SNOWDON SUMMIT CAFÉ.
APPLICATION NO: CG0393601

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.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Str y Ffôn CH7 3AJ
Ffôn 01244 550124 Ffacs 01244 550144
Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144

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

E. Frankland
Lisa Eagle
Customer Contact Team Leader

Please ask for Elaine Frankland

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Str y Ffôn CH7 3AJ
Ffôn 01244 550124 Ffacs 01244 550144
Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144

Application No. NT/2001/0000.xx/C
Reference No. CG0393601



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: Mr A Spray
Hyder Consulting Ltd
Allt-y-Flynnon
Alltarni Road
Mold CH7 6RW

Application For Consent to discharge from Snowdon Summit Café.

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:

Mrs E Frankland
Environment Agency Wales
Chester Road
Buckley
Flintshire CH7 3AJ

Signed: *E. Frankland*
Lisa Eagle
Team Leader, Customer Contact

Date: 12 March 2001

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 in the Public Register, you should apply to the Secretary of State for the Environment. Please include a copy of any notice given to the Secretary of State for the Environment 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.

Application No.	CG0393601
Date issued	12 March 2001



ASIANTAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

SCHEDULE OF FURTHER INFORMATION REQUIRED

Could you please supply the following information:

- 1 Can you provide an absolute maximum discharge volume that can be used for the consent determination process. A range of volumes is not specific enough.
- 2 As the final discharge volume exceeds 5m³ per day, the application fee is £645.00. We request payment of the full application fee, as at present the application is not deemed valid and cannot be progressed any further.
- 3 A discharge from commercial premises is considered to be a trade discharge. Can you please confirm this by completing Annex 3 which is attached.



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 CONSENTS APPLICATIONS Business Services Environment Agency Chester Road Buckley Flintshire, CH7 3AJ	Official Use Only Dis/area Ref: Application No. CH0393601 Date Received: 6/3/01 Fee Received: £92
---	--

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 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.

Snowdon Summit Café

Post Code:

2 DETAILS OF DISCHARGE(S)

2.1 State the nature of the discharge(s) - tick one or more boxes as appropriate:-

- Sewage Effluent - volume of 5 cubic metres per day or less (complete annex 2) ☐
- Sewage Effluent - volume greater than 5 cubic metres per day (complete annex 1) ☐
- Sewage Effluent discharged under storm or emergency conditions (complete annex 2) ☐
- Cooling Water (complete annex 3) ☐
- Trade Effluent (including site drainage) (complete annex 3) ☐
- Others (please specify) ☐

2.2

Please state the maximum quantity it is proposed to discharge in any one day **5 to 10 m³/day**
Briefly state how this figure was calculated (see note iii).

See accompanying document SNOWDON SUMMIT TANK SITING - ISSUE 2, Doc. No. NES0119/M/ATE26/02.
The figure of 10 m³/day occurs on isolated occasions. A more typical daily maximum is 5 m³/day.

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) ☒

Into scree in such a manner that prevents channeling of effluent. This will be achieved by dividing the final effluent into several smaller discharge streams.

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

S **A** / **6** **0** **8** **5** / **5** **4** **3** **5** (please indicate on accompanying plans)

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)

S **A** / **6** **0** **9** **0** / **5** **4** **3** **5** (please indicate on accompanying plans)

c) What flow measurement facilities will be provided? **None**
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 ☐

Refer to DRS. No. NES0119-002 A and DRS. No. NES0119-009 A.
Note that the existing septic tank may not be refurbished as shown on DRS. No NES0119-009 A but may be abandoned & bypassed.

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

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

01 / 07 / 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.

Work on re-commissioning the Summit Café starts around the beginning of May each year & the café is de-commissioned around the end of October each year

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

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) | ☐ |

café & toilets

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) | ☐ | | |

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:

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? | ☒ |
| (b) Is any part of the system within 10 metres of a watercourse? | ☒ |
| (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. | ☐ 0.5 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? See attached correspondence ☒
Is there a foul sewer available to which the discharge(s) could be made? ☒
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

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

* Contact name: Mr Peter Trummer
* Snowdon National Park Authority
* Penrhynbachroath
* Gwynedd

*
Post Code: LL48 6LF

Daytime Telephone Number: 01766 770274

Company Registration Number (if appropriate):

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

* Contact Name: Mr Alan Serry
* Hydar Consulting Ltd
* Allt-y-Ffynnon
* Alltarni Road
* Mold
* Flintshire
Post Code: CH7 6RW

Contact Name and Daytime Telephone Number: 01244 545 897

5.2

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

* See 5.1 (c)

*
*
*
*
*
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.

See accompanying document Snowdon Summit Septic Tank Sizing-
Issue 2, Dec. 20. NE50119|MAT626|02, and accompanying
copies of correspondence.

DECLARATION

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 all other written information supplied to support the application.

2. enclose the required application fee, payable to the Environment Agency

3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked

4. will pay required advertising costs

5. confirm that 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 ~~not~~ true to the best of my/our* knowledge, information and belief and ~~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 we* will pay any annual charges due should a consent be granted YES/~~NO~~*. If you please indicate who will be completing section 5.2 above (see note xiv).

(* Delete as appropriate)

SIGNED: *Peter Trummer* PRINT NAME: Peter Trummer

ON BEHALF OF: Snowdon National Park Authority DATED: 27-2-07

CONFIDENTIALITY

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

SIGNED: DATED:

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

ANNEXE 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:

Snowdon Summit Café

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

☒ N

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

N/A

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

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

N/A

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

Anticipated cost of construction contract £50,000 to £60,000.
A package treatment plant was considered to be approx. two to three times the cost & also impracticable at this location.
casspool not suitable due to railway not always available.
cost of pipeline from the summit to location suitable for soakaway, or connection to main drainages, considered to be prohibitive.

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

☒ N

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

Tick ☐

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

Pumped / Gravity

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

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 ☒ N/A

8. Please state:

Population served (head) [equivalent]	28
Consumption (l/head/day) default = 180	180
Infiltration (m ³ /day)	0
Industrial effluent flow (m ³ /day)	0
Dry Weather Flow (m ³ /day)	on average 5 m ³ /day
SOCA (l/sec)	N/A
Predicted spill frequency (per annum)	N/A

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

- Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (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.
- Agents making an application on behalf of a client, must attach their clients written authority.
- If the name and/or address of the applicant changes after submission of this application the Environment Agency, the applicant must inform the Agency in writing.

SNOWDON SUMMIT SEPTIC TANK SIZING - ISSUE 2

1. Introduction

The existing septic tank serving the Snowdon summit building has a volume of about 2.5 m³, and is undersized. It is intended to be replaced with a larger septic tank during 2001.

This note sets out the basis for sizing the new septic tank.

2 Requirements of BS 6297:1983

2.1 BS 6297:1983 is the British Standard Code of Practice for design and installation of small sewage treatment works and cesspools for communities ranging from single households up to 1000 population. It states that the total capacity of septic tanks should be calculated on the basis of the number of persons served and recommends the following formula, providing desludging is carried out at least once per year.

$$C = 180P + 2000$$

Where:

C is capacity of the tank (in litres) with a minimum value of 2720 l
P is the design population, with a minimum value of 4.

2.2 The 2000 value in the formula allows for proportionately larger retention times at the lower populations in order to cover the surges in flow that are experienced in small systems.

2.3 The calculated capacity C is recommended as a minimum for all types of septic tank and the figure of 180 in the formula is made up as follows:

Annual sludge storage capacity	litres
Balance to cover:	90
(a) 12 h storage of average domestic water usage of 120 l per head per day assumed as passing to drains	60
(b) higher consumption and/or infiltration etc.	30
Total	180

2.4 For an installation serving a varying or transient population, such as the Snowdon Summit Café, a population equivalent should be determined. This population equivalent, in terms of a fixed population, to be based upon a figure of 0.060 kg BOD per head per day or 120 l per head per day.

3 Methodology Adopted for the Snowdon Summit Septic Tank

3.1 From the above it can be seen that there are two elements that need to be assessed in order to determine the size of septic tank required, ie. population equivalent for the sludge volume, and water usage.

3.2 Sludge Component

The amount of sludge produced will be proportional to the population equivalent.

The reference document for population is the 'Snowdon Summit' report prepared by Land Use Consultants in October 1996.

Section 3.3 of this report gives a suggested maximum annual number of visitors to the summit of 370,000 (250,000 walkers and 120,000 rail passengers). Section 3.5 of the report estimates that there are 10,000 winter walkers, ie. when the summit building is closed, so the effective population as regards sewage treatment is 360,000. Over a 6 month season, this gives an average of 1970 visitors per day.

Of these it is estimated that the usage is:

25% of visitors use the WC	- 492 people
35% of visitors use the urinals	- 690 people
50% of train passengers use the café & bar	- 330 people
25% of walkers use the café & bar	- 330 people

Use of the café generates a BOD load from dishwashing, although there is a very small amount per capita due to the use of disposable cups etc.

In addition to visitors there is a small number of resident and day staff associated with the operation of the summit building and railway.

Average numbers are 3 resident staff and 4 day staff.

Category	Daily No.	Daily BOD per capita. g/h/d.	Daily BOD load. g/d.	Equivalent Population
Resident staff	3	60	180	3
Day staff	4	25	100	2
WC use	492	10	4920	82
Urinal use	690	5	3450	58
Café & bar	660	5	3300	56
TOTAL				201

As a broad cross-check on this, if the normal domestic day is taken as 16 hours, then for the 1970 average daily visitors the above p.e. equates to each visitor spending over 1.6 hours using the summit facilities. This could be regarded as being conservative.

The 90 litres figure in the Code of Practice is the annual sludge volume allowance. However, the café is only open during the 6 month summer season and the tank will be desludged at least once p.a., so the required per capita sludge storage volume is half this amount.

Therefore the sludge component volume would be:

$$201 \times 45 = 9045 \text{ litres}$$

The new septic tank will be desludged during the summer season. This will be achieved by use of a tank of 2500 litres nominal capacity tank mounted on a railway flat bed truck. It is proposed that the required sludge component volume of the new septic tank be reduced by 4000 litres, representing two desludging operations during the summer season followed by emptying the tank at the end of the season.

Therefore the revised sludge component volume will be:

$$9045 - 4000 = 5045 \text{ litres}$$

3.3 Water Usage Component

Water arrives at the summit from two sources. Rainfall that is collected and stored, and water transported up by train from Clogwyn. It is assumed that peak water transportation to the summit occurs during dry weather when visitor numbers are high and that there is no collected rainfall left in storage to supplement the transported water - see overleaf the graph of Water Deliveries for 1999.

From this graph it can be seen that the maximum number of tank loads of water delivered from Clogwyn in a day was three. This occurred on nine occasions and once on consecutive days. The tank volume is 800 gallons (3637 l.) We can therefore take the maximum daily water usage as being three tank loads, equivalent to 10,896 l.

Therefore the volume required to achieve 12 hours storage in accordance with the Code of Practice is:

$$10,896 \times 12 / 24 = 5,450 \text{ l.}$$

Note that this could be regarded as a conservative figure, as the CoP refers to average daily water consumption.

The infiltration allowance is considered to be zero because of the connecting sewer is very short and experiences minimal infiltration from groundwater.

3.3 Septic Tank Volume

The total required septic tank capacity is therefore:

CoP fixed component	2,000
Sludge component	5,045
Water usage component	5,450
TOTAL	12,495 litres



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Dyddiad/Date:

Snowdonia Summit Sewage Treatment
07th February 2001

Mr Alan Spray
Hyder Consulting
Allt-y-Ffymon
Alltarn Road
Mold
Flintshire
CH7 6RW

Dear Sir,

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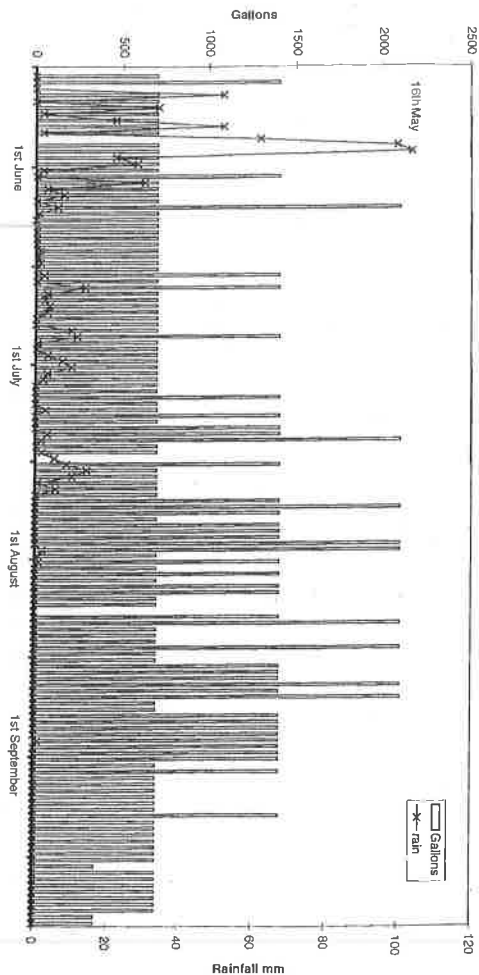
PRE-APPLICATION CONSULTATION - SNOWDON SUMMIT SEWAGE TREATMENT

I am writing with regard to our meeting of 22nd January 2001 and discussions concerning the proposed treatment and disposal method for sewage generated by the Snowdon summit building. The unique nature of the site is such that consultation has been undertaken with colleagues in other regions of the Environment Agency, and also in the Scottish Environmental Protection Agency, to consider any similar situations and the associated disposal methods used.

Given the location of the Snowdon site and the nature of the terrain, climate and seasonality of operation, it appears that the use of a septic tank would be the favoured option for treatment. The Agency does, however, have concerns regarding the proposed discharge, as the preferred method for septic tank effluent is to a sub-surface soakaway. It is accepted that a full-scale soakaway is not strictly possible at this site due to the nature of the ground, however the Agency would expect mitigation measures to be provided to minimise any impact from the proposed discharge.

Consequently, the Agency would be prepared to consent a discharge from a septic tank at this site, subject to the following conditions:

1. The discharge must be made into scree rather than discharged onto the surface, in order to minimise any visual impact and to provide some degree of percolation. A condition may be imposed in the consent requiring the holder to maintain a covering of scree over the disposal area during periods of operation.
2. The discharge should be dispersed in such a manner that prevents channelling of effluent, possibly by dividing the final effluent into several smaller discharge streams.
3. The hydraulic path of the flow should be mapped to identify any areas at risk from pollution.
4. The discharge area should be fenced off to minimise disruption of scree by animals and humans, and to reduce any risk to health.





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The above measures are proposed to avoid aesthetic problems such as litter and odour from the effluent, as well as to minimise soil erosion problems and microbial contamination of watercourses.

Finally, whilst the Agency would agree to a septic tank discharge at this site, in the manner stated above, this would be a pragmatic decision in light of the unique location and site-specific conditions. The decision to consent a discharge of septic tank effluent, subject to certain conditions, would in no way set a precedent or indicate a shift in Agency policy towards permitting direct discharges from septic tanks onto ground or into water courses.

We trust that this information is satisfactory. If, however, you have any questions, please do not hesitate to contact me on extension 4518.

Yours faithfully

Wendy C. Price

WENDY C PRICE
Water Quality Consents Officer

Cc Mr Peter Trummer, Snowdonia National Park

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Environment Agency
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Water Quality Consents Officer

Cc Mr Peter Trumper, Snowdonia National Park

