

Eich cyf/Your ref.
Ein cyf/Our ref. WP/LM/CG0392601
Enquiries Laura Murphy (Ext 4585)
Dyddiad/Date: 23rd May 2002



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WS Atkins Consultants Ltd
Unit 7
St Asaph Business Park
Glascoed Road
St. Asaph
LL17 0LJ

COPY

Dear Sir/Madam,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT (IN AN EMERGENCY) AT SJ 0186 7469 FROM PREMISES AT ST. ASAPH BUSINESS PARK, ST. ASAPH

APPLICATION NO. CG0392601

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 sewage effluent (in an emergency) from foul pumping station at St. Asaph Business Park, St. Asaph.

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 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.

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

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



CG0392601_2006_03_03





ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

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

Yours sincerely,


PP Jackie Williams

Team Leader Customer Contact & Authorisations

Enc.

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

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



CONSENT NO.	CG0392601
-------------	-----------



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: Welsh Development Agency
Unit 7
St Asaph Business Park
Glascoed Road
St Asaph
Denbighshire
LL17 0LJ

COPY

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

Sewage in an Emergency

FROM: Foul Pumping Station

AT: St Asaph Business Park, St Asaph

TO: Pengwern Ditch via a surface water sewer

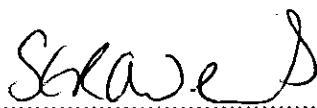
SUBJECT TO the conditions set out in the following schedule(s):

Sewage in an Emergency

Schedule No. CG0392601 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 20th day of May 2002

Signed 
Team Leader Water Quality Consents



CONSENT NO.	CG0392601
SCHEDULE NO.	CG0392601 01
DATE ISSUED	20th May 2002



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

FROM: Foul Pumping Station, St Asaph Business Park, St Asaph

NATURE

1. The Discharge shall consist solely of sewage in an emergency.
2. The Discharge shall only occur when the sewage pumping station is inoperative as a result of one or more of the following:
 - (i) electrical power failure not due to the act or default of the consent holder, its agents, representatives, officers, employees or servants;
 - (ii) mechanical breakdown of duty and standby pumps;
 - (iii) rising main failure;
 - (iv) blockage of the downstream sewer not due to the act or default of the consent holder, its agents, representatives, officers, employees or servants;

and it is not reasonably practicable to dispose of the sewage otherwise. There shall be no undue delay on the part of the consent holder in remedying any such failure or breakdown.

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 450 millimetre diameter pipe
 - (b) discharging via a surface water sewer to the Pengwern Ditch;
 - (c) at National Grid Reference SJ 0186 7469;
 - (d) shown marked 'Discharge Point' on Plan CG0392601 attached as Annex 1.





CONSENT NO.	CG0392601
SCHEDULE NO.	CG0392601 01

SAMPLING POINTS

4. The outlet to the watercourse shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SJ 0186 7469 as shown marked 'Discharge Point' on Plan CG0392601.

VOLUME

5. Storage capacity, equivalent to a total of at least 24 hours of the dry weather flow in the sewer immediately upstream of the pumping station, shall be provided in the pumping station and/or the upstream sewerage system, above the wet well design top water level.

For the purpose of this condition Dry Weather Flow shall mean the average daily flow as measured in the sewer immediately upstream of the pumping station during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.

COMPOSITION

6.
 - (a) The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 10 millimetres in two dimensions.
 - (b) The screening device shall be maintained in an efficient operational condition.
 - (c) All screenings must be removed and disposed of in a manner such as to prevent entry to the discharge.

RECORDING AND REPORTING

7.
 - (a) The consent holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected the operation of the pumping station. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
 - (b) On request the consent holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected the operation of the pumping station.





CONSENT NO.	CG0392601
SCHEDULE NO.	CG0392601 01

OTHER

8. (a) A 24 hour response telemetry alarm system shall be provided and maintained to give notification of failure or breakdown of the pumping station.
(b) The consent holder shall take all reasonable remedial measures to return the pumping station to normal operation, as soon as practicable after warning of failure or breakdown of the pumping station.
9. On request the consent holder shall supply the Agency with a written report on the operation of the emergency overflow.
10. Facilities shall be provided so that a mobile stand-by generator may readily be installed at the pumping station in the event of electrical failure and the Consent Holder shall install and operate such a generator as soon as is practicable after an electrical failure.
12. The duty pump shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
13. Stand-by pumps shall activate as soon as practicable should the duty pumps become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pump shall reactivate as soon as is practicable after the power is restored after interruption to the supply.
14. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.





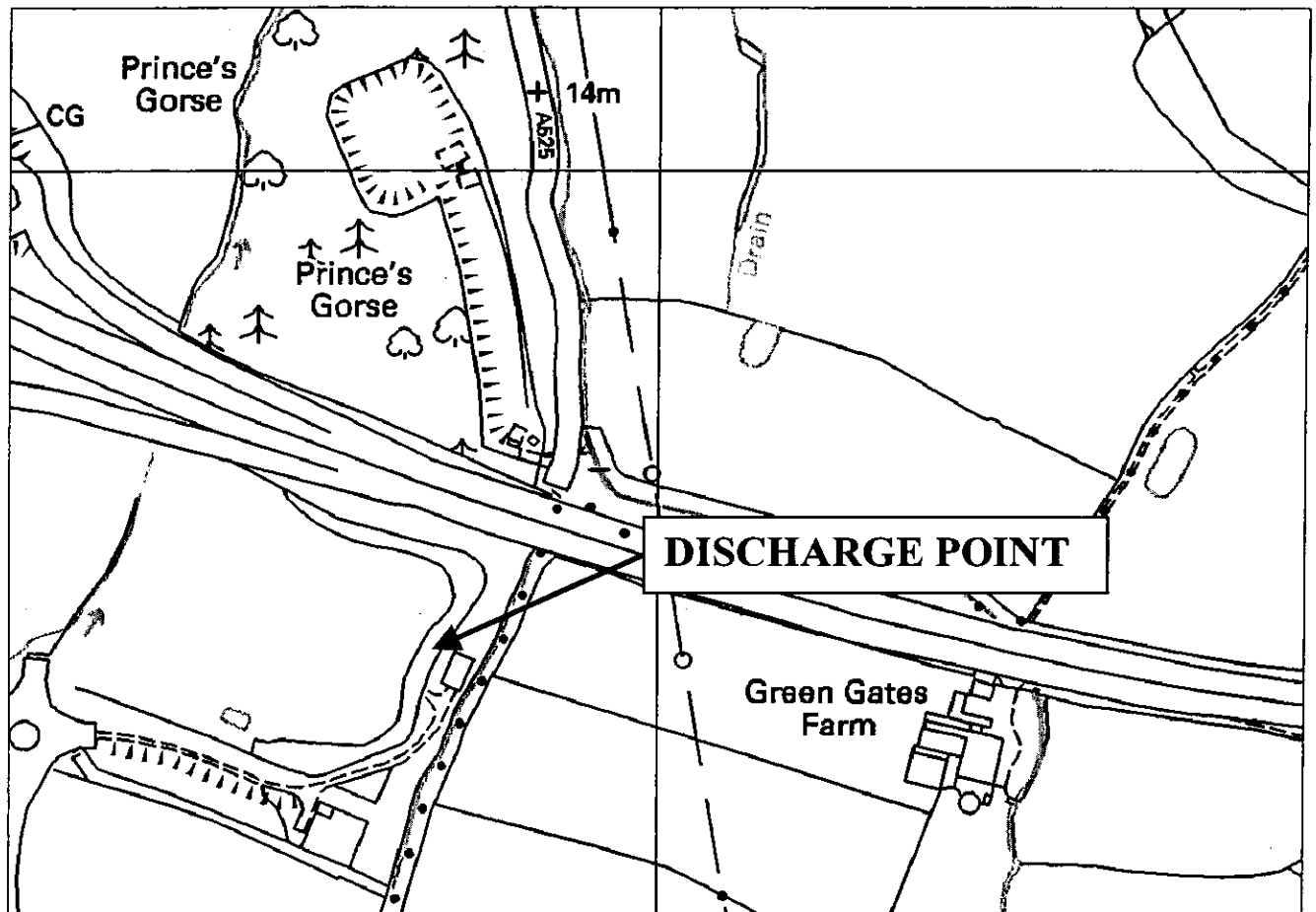
ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

CONSENT NO.

CG0392601

ANNEX 1

Plan CG0392601



Reproduced from the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationary Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No: GD03177G





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref. CF1068/106/WHMJ/GB/332.A8548
Ein cyf/Our ref. CG0392601

Dyddiad/Date: 18 April 2001

Mr H Jones
WS Atkins Consultants Limited
Unit 7, St Asaph Business Park
Glascoed Road
St Asaph
Denbighshire LL17 0LJ

Dear Mr Jones,

APPLICATION FOR CONSENT TO DISCHARGE for Emergency Overflow from a Foul Pumping Station at St Asaph Business Park, Denbighshire.

I am writing regarding your application for the above consent, and the ongoing determination process. Our file shows that we wrote to you on 5th March regarding the application form, and requested clarification on several points, particularly in relation to the drainage plan and the locations of the sample and discharge points.

Under the Water Resources Act 1991, the Agency has 4 months in which to determine consent applications, after which, if no consent is issued it may be deemed refused. The determination period for your application ends on 23rd May 2001, but unfortunately until we receive the requested information we are unable to proceed any further. Can you please provide the requested information as soon as possible, or if there is to be a delay in providing this, indicate your willingness to extend the determination period.

If you have any problems or require further information, please do not hesitate to contact me on extension 4518. I thank you for your assistance in this matter and look forward to hearing from you.

Yours sincerely

WENDY C PRICE
Water Quality Consents Officer





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref. CF1068/106/WHMJ/GB/332.A8548
Ein cyf/Our ref. CG0392601

Dyddiad/Date: 05 March 2001

Mr H Jones
WS Atkins Consultants Limited
Unit 7, St Asaph Business Park
Glascoed Road
St Asaph
Denbighshire LL17 0LJ

Dear Mr Jones,

APPLICATION FOR CONSENT TO DISCHARGE for Emergency Overflow from a Foul Pumping Station at St Asaph Business Park, Denbighshire.

I am writing regarding your application for the above consent, and the ongoing determination process. Having undertaken further consultation, a number of issues have arisen that we require clarification on:

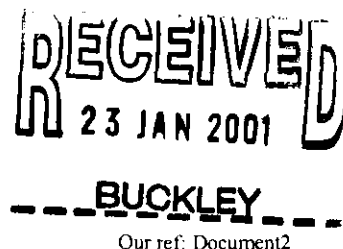
1. On the drainage plan (No. CF1072/020/001/C90)L001) the legend shows the blue line as the foul water drain and the brown line as the surface water drain. Can you confirm if this is the case, as at present the only pumping station marked on the plan appears to be on the surface water drain system.
2. There is no indication on the drawing as to the point where the pumping station connects to the surface water drain. Should a sample require to be taken, the discharge would be sampled just before it enters the surface water drain. Consequently can you please provide a location plan showing the proposed sample point, along with an 8 figure grid reference. Normally this point would be at a suitable manhole, for ease of access.
3. For the purposes of the consenting procedure the point at which the emergency overflow enters the surface water drain is the discharge point. Can you please provide the 8 figure grid reference for this point, and also confirm that the WDA own the surface water drain. I apologise for any confusion over the location of the discharge point.
4. Finally, can you please provide details of the storage capacity and retention time in the wet well, before the emergency overflow would become operational.

I thank you for your assistance in this matter, however should you have any queries please do not hesitate to contact me on extension 4518.

Yours sincerely

Wendy C Price
Water Quality Consents Officer





22 January 2001

Elaine Frankland
Environment Agency Wales
Chester Road
BUCKLEY
Flintshire
CH7 3AJ

Dear Ms Frankland

Application No CG0392601 - Emergency Discharge consent application for St Asaph Business Park

I refer to your letter of 5 January addressed to WS Atkins (your ref NT/2001/000038/C/EF/CG0392601) which has been passed to me for attention.

I confirm that WS Atkins have been appointed by the WDA to act as our agents for the purposes of getting the foul and surface water sewer systems adopted

The OS grid reference for the discharge point is SJ 0195 7479.

I hope that this information is sufficient. If you require additional information, please either contact myself or Mr Hywel Jones of WS Atkins.

Yours sincerely
For and on behalf of
Welsh Development Agency

Edward Parry-Jones
Project Manager
Area Development

NORTH WALES DIVISION
WELSH DEVELOPMENT AGENCY
UNIT 7, GLASCOED ROAD
ST ASAPH BUSINESS PARK
ST ASAPH, NORTH WALES, LL17 0LJ
TEL: 01745 586237
FAX: 01745 586259
EMAIL: edward.parry-jones@wda.co.uk



RHANBARTH GOGLEDD CYMRU
AWDURDOD DATBLYGU CYMRU
UNED 7, FFORDD GLASCOED
PARC BUSNES LLANELWY
LLANELWY, GOGLEDD CYMRU, LL17 0LJ
FFON: 01745 586237
FFACS: 01745 586259
EBOST: edward.parry-jones@wda.co.uk



ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref. CF1068/106/WHMJ/GB/332.A8548
Ein cyf/Our ref. NT/2001/000038/C / EF / CG0392601
Dyddiad/Date: 05th January 2001

Mr H Jones
WS Atkins Consultants Limited
Unit 7
St Asaph Business Park
Glascoed Road
St Asaph
Denbighshire
LL17 0LJ

Dear Mr Jones

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995), APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER EMERGENCY CONDITIONS BY THE WELSH DEVELOPMENT AGENCY FROM A FOUL PUMPING STATION AT ST ASAPH BUSINESS PARK.

APPLICATION NO: CG0392601

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 the 2nd February 2001 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
Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ Ffon 01244 550124 Ffacs 01244 550144

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





ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

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

Elaine Frankland

PP

LISA EAGLE

Customer Contact Team Leader

Please ask for Elaine Frankland

Asiantaeth yr Amgylchedd

Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ Ffon 01244 550124 Ffacs 01244 550144

Environment Agency

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





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Application No. CG0392601

Reference No. NT/2001/000038/C

ENVIRONMENT AGENCY WALES

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

NOTICE REQUIRING FURTHER INFORMATION TO SUPPORT APPLICATION FOR DISCHARGE CONSENT

To: WS Atkins Consultants Limited
Unit 7, St Asaph Business Park
Glascoed Road
St Asaph
Denbighshire LL17 0LJ

Application For Consent to discharge from a Foul Pumping Station at St Asaph Business Park

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:

Elaine Frankland
Environment Agency Wales
Chester Road
Buckley
Flintshire CH7 3AJ

Signed:


Team Leader Water Quality Consents

Date: 05th January 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 on the Public Register, you may give notice to that effect 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.





ASiantaeth yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

Application No.	CG0392601
Date issued	05 th January 2001

SCHEDULE OF FURTHER INFORMATION REQUIRED

Could you please supply the following information:

1. Written confirmation by your client giving their permission for WS Atkins Consultants Limited to act on their behalf as their agent
2. An 8-figure grid reference to identify the proposed point of discharge



ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for new consent/variation to an existing consent* to discharge

(* delete as appropriate)

Regional/Area Address:

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

Official Use Only

Dist/Area Ref:

Application No. CG0392601
NT/2001/000038/c

Date Received: 22/12/00

Fee Received: £645

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all the relevant sections and provision of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld

1 SITE ADDRESS

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

Foul Pumping Station,
St Asaph Business Park
St Asaph
Denbighshire

Post Code:

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

216 m³/day

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

Based on DWF of 2.5 litres/sec for 24 hours

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 <input checked="" type="checkbox"/> | 4. Borehole <input type="checkbox"/> | 7. Sub-Irrigation System <input type="checkbox"/> |
| 2. Channel <input type="checkbox"/> | 5. Well <input type="checkbox"/> | 8. Combination of 6. & 7. <input type="checkbox"/> |
| 3. Culvert <input type="checkbox"/> | 6. Soakaway <input type="checkbox"/> | 9. Other (please specify below) <input type="checkbox"/> |

450mm diameter

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

S

J

 /

0

0

9

 /

8

0

0

 (please indicate on accompanying plans)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe and convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:-

At the outlet ☒ At a manhole or sampling chamber ☐

Other (please specify)

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

/ / (please indicate on accompanying plans)

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

Please give details.

None

2.5 a) Type of Treatment Plant(s) to be used (*please specify make and model*) - tick as appropriate:-

Septic Tank ☐

Package Sewage Treatment Works ☐

Other ☐

N / A

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

N / A

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

01 / 04 / 00

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*) ☐

Foul Pumping Station

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

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Well | <input type="checkbox"/> | 5. River (please give name below) | <input type="checkbox"/> |
| 2. Borehole | <input type="checkbox"/> | 6. Estuary (please give name below) | <input type="checkbox"/> |
| 3. Precipitation (eg. rain or snow) | <input type="checkbox"/> | 7. Coastal Water (please give name below) | <input type="checkbox"/> |
| 4. Mains (please state water supply company) | <input type="checkbox"/> | | |

Hyder

4 DETAILS OF RECEIVING ENVIRONMENT

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

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | <input type="checkbox"/> | 5. Into Land | <input type="checkbox"/> |
| 2. River or Stream (non-tidal) | <input checked="" type="checkbox"/> | 6. Onto Land | <input type="checkbox"/> |
| 3. Canal | <input type="checkbox"/> | 7. Directly into Groundwater | <input type="checkbox"/> |
| 4. Lake, Loch or Pond | <input type="checkbox"/> | 8. Coastal Water (see note vii) | <input type="checkbox"/> |

State name of receiving water if known:

Pengwern Ditch

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?
- (d) For wells and boreholes state dimension(s) in metres.
- (e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres.
- (f) For boreholes, state details of lining in metres:
- (i) Depth of lining
- (ii) Depth of perforated lining
- (iii) Depth of unperforated lining
- (g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided?

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.).

5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

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

*

* Welsh Development Agency
* Unit 7, St Asaph Business Park
* Glascoed Road
* St Asaph
* Denbighshire

*

Post Code: LL17 0LJ

Daytime Telephone Number: 01745 586244

Company Registration Number (if appropriate):

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

*

* WS Atkins Consultants Ltd
* Unit 7, St Asaph Business Park
* Glascoed Road
* St Asaph
* Denbighshire

*

Post Code: LL17 0LJ

Contact Name and Daytime Telephone Number: Mr H Jones 01745 585351

5.2

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

*

*

*

*

*

*

Post Code:

Daytime Telephone Number:

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

--

DECLARATION

I/We:

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the 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: WHM Jones
ON BEHALF OF: WS Atkins Consultants Ltd	DATED: 11/12/00

- o O o -

CONFIDENTIALITY

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

SIGNED:	DATED:
---------------	--------------

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



ENVIRONMENT AGENCY

ANNEXE 1

SEWAGE EFFLUENT GREATER THAN 5 CUBIC METRES PER DAY

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

Official Use Only
Application No.

1. Site Name.

Foul Pumping Station
St Asaph Business Park
St Asaph, Denbighshire

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

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.
(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)

m³/d

m³/d

m³/d

l/s

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

b) Will automatic sampling equipment be provided?

Y/N

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

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

-

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

-

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

-

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.*



SEWAGE EFFLUENT DISCHARGED IN STORM OR EMERGENCY CONDITIONS

Official Use Only
Application No.

- Foul Pumping Station..
St Asaph Business Park
St Asaph, Denbighshire

- ☒

- Y/N

□ □ / □ □ □ □ / □ □ □ □

□□/□□□□/□□□□

- Y/N

/ /

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/day

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

Design flows agreed with Local Authority

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

Y/N

If yes, please give details.

Telemetry warning to Local Authority emergency overflow operating.

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).

10mm bar screen in overflow chamber.

10. What provisions will be made to deal with:

a) power failure (eg. standby generators)?

Facility to connect mobile generator, telemetry mains failure warning.

b) mechanical breakdown (eg. standby pumps)?

Standby pump, telemetry high level warning to wet well.

c) rising main failure?

Telemetry high level warning to wet well.

d) tanker access?

Access road and hardstanding area.

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.

uent discharges, full details of the type of the effluent are required (eg. air conditioning units), along with typical analytical details and the results of on the effluent or its constituents. In certain circumstances the Agency may c samples be taken and tests and analysis carried out. The Agency is ver any costs incurred as a result of special studies.

t contamination include oil/chemical storage areas, vehicle loading/unloading le parking areas and oil/petrol filling points. Any other potential sources of uld be detailed.

of trade effluent take place to a sewerage system, as covered by this
 2 give details of all authorised discharges of substances listed in table 8



ANNEXE 3

TRADE EFFLUENT DISCHARGES

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

Official Use Only
Application No.

1. Site Name.

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

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

Rainfall Dependent Discharges

a) Is the volume going to be rainfall dependent?

Y/N

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

m

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?

1/5

b) What is the average daily flow?

 m^3/c

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

i) give the abstraction licence number.

1

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

[illegible]

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

Y/N

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

b) Will automatic sampling equipment be provided?

$$\left[\frac{Z}{Y} \right]$$

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?

YN

100

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

Y/N

If yes, please complete the following:

a) The application reference.

1

c) Contact name of case officer.

8. a) Please indicate if any of the specified substances are present in the effluent and if so at what maximum concentration in mg/litre - ug/l). Please see note c.

Notes (see also the notes

a) For direct trade effluent cooling water from any toxicity studies require that specific empowered to receive

b) Possible sources of contamination should be identified, heavy vehicle areas, heavy vehicle parking areas, etc.

c) *Where discharge application, plea overleaf.*

SUBSTANCE	CONCENTRATION (ug/l)			
	Max	Min	Mean	
Iron				
Arsenic				
Atrazine				
Azinphos-ethyl				
Azinphos-methyl				
Boron				
Cadmium				
Carbon tetrachloride				
Chloroform				
Chromium				P
Copper				P
Cyanide				pl
Cyfluthrin				ph
DDT				Pos
1,2 Dichloroethane				Sin
Dichlorvos				Sulc
Dioxins				Tetra
Drins (eg. Aldrin, Dieldrin)				Tribu
Endosulfan				Trich
Fenitrothion				Trich
Fenthion				Trich
Flucifuron				Triflur
Hexachlorobenzene (HCB)				Triphen
Hexachlorobutadiene (HCBD)				Vanadiu
Hexachlorocyclohexanes (HCH's)				Zinc

b) Are there any other significant chemical components in the effluent, including biocides or additives?
If yes, please give details:

2



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

ANNEXE 4

WELSH REGION SUPPLEMENTARY INFORMATION ANNEXE

Please complete this annexe for every proposed discharge.

Official Use Only
Application No.

For all proposed discharges:

1. Site Name.

Foul Pumping Station, St Asaph Business Park, St Asaph

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

Y/N

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

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

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

450mm

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

N/A - Constructed in 1991, refurbished in 1999.

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

XX/N

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

Tick

☐



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

Pumped / Gravityx

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

98 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)	_____
Consumption (l/head/day) default = 180	_____
Infiltration (m ³ /day)	_____
Industrial effluent flow (m ³ /day)	_____
Dry Weather Flow (m ³ /day)	<u>2.5 l/sec</u>
SOCA (l/sec)	_____
Predicted spill frequency (per annum)	<u>Emergency</u>

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

1. Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (e.g. a public limited company ('plc'), limited company, local authority), the 'body corporate' will be the registered consent holder, and the person with the delegated authority to sign on behalf of the 'body corporate' should give their job title.
2. Agents making an application on behalf of a client, must attach their clients written authority.
3. If the name and/or address of the applicant changes after submission of this application to the Environment Agency, the applicant must inform the Agency in writing.



