

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



**ENVIRONMENT
AGENCY**

Part A

To: FLINTSHIRE COUNTY COUNCIL
COUNCIL OFFICES
SHIRE HALL

MOLD CH7 6NB



CG0344101_2006_03_06

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent **CG0344101**

Nature of Discharge(s); **SEWAGE EFF/CRUDE EFF/EMERGENCY**
at

DOCK ROAD PS NO 3 DOCK ROAD CONNAH'S QUAY

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To:

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

Consent:

Name:

Address:

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

* delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s);

Signed:

Dated:

Name (block capitals):

Position:



DEESIDE DISTRICT COUNCIL

OFFICES
DAVIDS PARK

WLOE
DEESIDE
CLWYD
CH5 3PW



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

Consent Number	Effluent Type	Date Consent Given or Last Reviewed	FOR OFFICE USE ONLY Chargeable? (Y/N)
CG0338201	CRUDE SEWAGE EFFLUENT	01-MAR-93	Y
Discharge Site : DOCK ROAD P.S. NO. 2, DOCK RD, CONNAH'S QUAY			
CG0344101	SCREENED SEWAGE	29-SEP-93	Y
Discharge Site : DOCK RD P S NO 3, DOCK RD, CONNAHS QUAY			

Handwritten notes:
136795
135255
136796

Signed:

Handwritten signature: A. G. Howarth

Date:

Handwritten date: 24/7/96

TO THE ENVIRONMENT AGENCY*

Environment Act 1995, Schedule 23, para 21(2)(b)(ii)



The notes below may help in completing this notice.

WITH RESPECT TO THE FOLLOWING CONSENT [as given by the National Rivers Authority (or its predecessors)] WHICH WAS IN FORCE ON 31st MARCH 1996,

Name on former NRA Register on 31/3/96

Consent Number Date consent was given or last reviewed

for the making of a discharge/several discharges of

at Discharge Site Address

I HEREBY GIVE NOTICE TO THE ENVIRONMENT AGENCY THAT I AM THE PERSON MAKING THE DISCHARGE(S) REFERRED TO ABOVE AND THAT I PROPOSE TO RELY ON this consent / the consents as on the attached signed and dated list** Delete as appropriate
AFTER 1st OCTOBER 1996 AND WISH TO BE REGISTERED AS THE CONSENT HOLDER.

Name of Consent Holder ('the Discharger') FLINTSHIRE COUNTY COUNCIL

<If you are a body corporate please complete with the registered name/address of the body corporate - see note 2 below>

Address COUNTY HALL, Mold, FLINTSHIRE

Post Code CH7 6NF

SIGNED R.J. Howarth DATED 24/7/96

<job title ASSISTANT DIRECTOR ENGINEERING SERVICES>

<being the person with the delegated authority to sign on behalf of a body corporate - see note 2 below>

NOTES TO HELP YOU TO COMPLETE THIS NOTICE

1. If you are attaching a list of consents (as prepared by us from the NRA Register as on 31/3/96) then please overwrite the top section of this notice with the words 'Consents as on attached signed and dated list'. You should thoroughly check this list and modify and initial where necessary before signing and dating each page of the list and attaching to this completed notice. You may of course use your own list of consents you propose to rely on provided that the information above is included in full and each page is signed and dated.

2. In addition to an individual, a 'person' in legal terms may refer to a 'body corporate' (e.g. public limited company ('plc'), limited company, local authority etc.). In these cases the body corporate will be registered as the consent holder. The person signing on behalf of the body corporate will be the person who has the power to do so (usually the Company Secretary for a plc or limited company, the Chief Executive for a local authority etc). The legal validity of the signatory is the responsibility of the body corporate. If you are signing with the delegated authority of the body corporate, please indicate your job title.

3. Legal advice may be advisable for some situations (e.g. grant maintained schools outside of local authority control).

4. If you are a partnership or registered charity then up to 4 partners/trustees should individually complete this notice. These partners/trustees will then be registered as joint consent holders.

5. If you share the making of the discharge(s) with another person(s) then you should all complete the notice and be registered as joint consent holders. (e.g. householders individually and severally discharging via a common private sewage treatment works).

6. If in doubt, it may help to consider the 'person' as the person, either individually or severally, who would apply for the consent if an application were in future to be made to the Environment Agency. Under the amended legislation, ONLY the registered consent holder may in future apply to the Agency for a variation of the consent.

NOTE: The responsibility for this notice rests entirely with you and the Agency cannot be held responsible in any way for mistakes made as a result of the notes above (or otherwise) which are given in good faith.



Yn ddiwydod Afonyddol Cenedlaethol
Rheolwr Cyffredinol



National Rivers Authority
Welsh Region

Consent No. CG0344101

WATER RESOURCES ACT 1991

Under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers the National Rivers Authority hereby gives this

C O N S E N T

Page 1 of 2

To: Alyn and Deeside District Council
 Of: Civic Offices, St. Davids Park, Ewloe, Deeside, Clwyd CH5 3PW
 For: A discharge of Sewage Effluent in an Emergency
 To: The Dee Estuary
 From: Dock Road, Pumping Station No. 3, Dock Rd, Connah's Quay, Deeside

CONDITIONS OF CONSENT

1. The discharge shall consist only of sewage discharged in an emergency to avoid danger to life or health. An electrical or mechanical breakdown of such severity as to render the pumping station completely inoperable, total failure of the external power supply or total blockage of the rising main shall be considered an emergency. An emergency shall not include station shut-down to facilitate maintenance or refurbishment.
2. The discharge shall only take place when it is not reasonably practicable to dispose of the sewage by other means.
3. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via : 150 millimetre diameter pipe
 Discharging to : Dee Estuary
 At OS Grid Ref. : SJ 2947 6983
 As shown marked : Point 'Outfall' on attached drawing/plan number 1.

4. Equipment shall be provided to remove all unacceptable solid matter from the effluent prior to discharge, as approved in writing by the Authority.

continued.....

Rheolwr Cyffredinol Rhanbarthol
 Dr John Stoner
 Highfield
 Ffordd Priestley
 Caernarfon
 Gwynedd
 LL55 1HR
 Ffôn: Caernarfon (0286) 672247
 Ffacs: (0286) 674451

Regional General Manager
 Dr John Stoner
 Highfield
 Priestley Road
 Caernarfon
 Gwynedd
 LL55 1HR
 Tel: Caernarfon (0286) 672247
 Fax: (0286) 674451



AAC

*Awdurdod Afonydd Cenedlaethol
I Gaernarfon*



NRA

*National Rivers Authority
Welsh Region*

Consent No. CG0344101

WATER RESOURCES ACT 1991
Continuation Sheet

page 2 of 2

5. In the event of an emergency, a minimum of 6 hours storage capacity shall be available before discharge commences, based on the design dry weather sewage flow.
6. Standby equipment shall be provided to enable the immediate resumption of full pumping capacity in the event of a duty equipment failure.
7. The pumping station shall have the capability of automatic restart on restoration of the power supply following power supply failure.
8. A plug-in facility shall be provided for emergency power supply to the station in the event of external power supply failure.
9. The pumping station shall be equipped with an automatic remote alarm system to alert the discharger immediately of any significant station failure.
10. The Authority shall be notified of any discharge as soon as reasonably practicable and in any case within 24 hours.
11. All reasonable practicable steps shall be taken to minimise the duration of the discharge and its polluting effects.

This Consent is given on: 29 / 04 / 93 on behalf of the Authority
by: [Signature] Area Environmental Quality Manager

During the period ending with the 30th September, 1995 the term of this Consent will not be altered without the written agreement of the person making the discharge.

Rheolwr: Cyfbedinol Rheolwr
Dr John Stoner

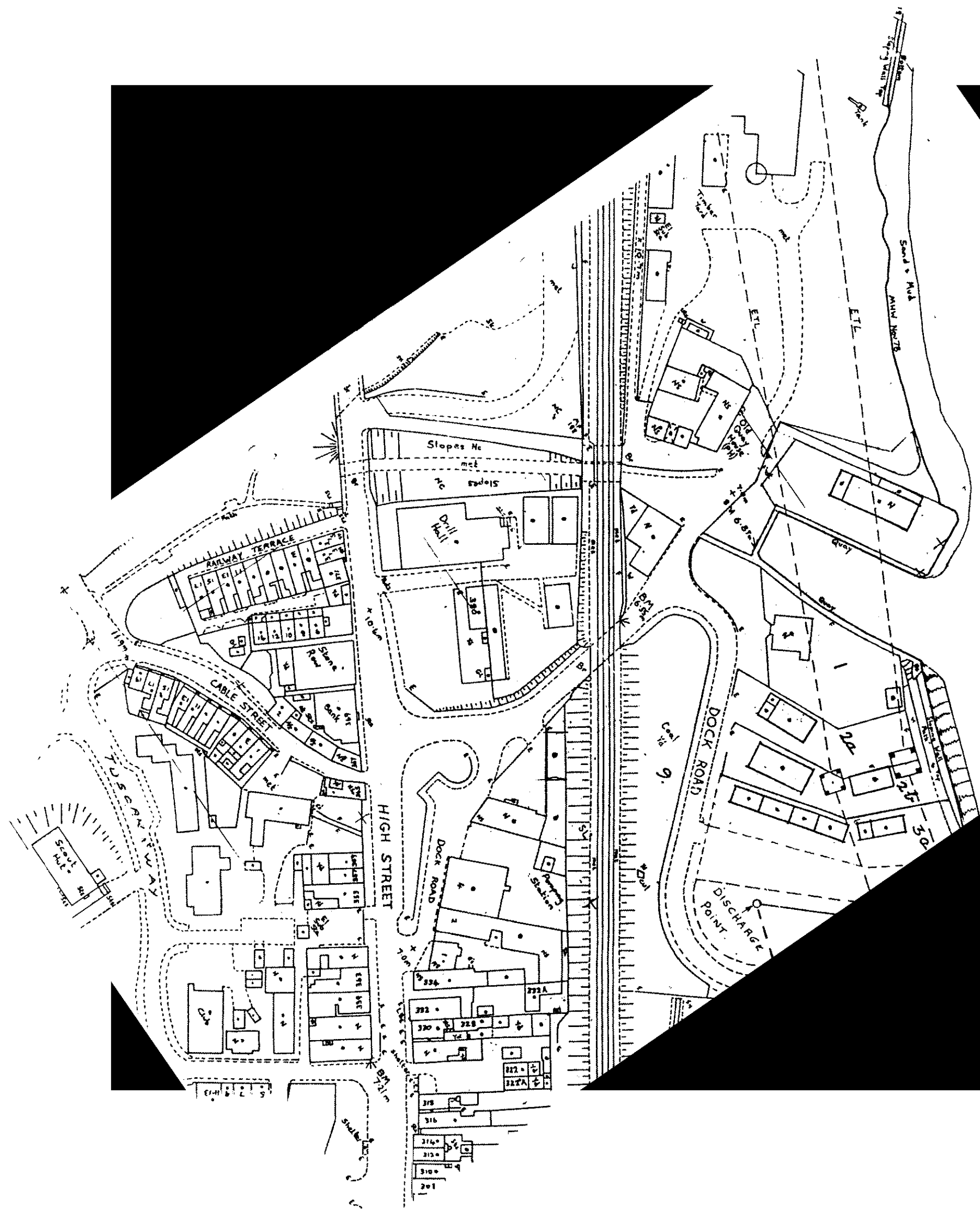
Highfield
Flodd Priestley
Caernarfon
Gwynedd
LL55 1HR

Ffôn: Caernarfon (0286) 672247
Ffacs: (0286) 674451

Regional General Manager
Dr John Stoner

Highfield
Priestley Road
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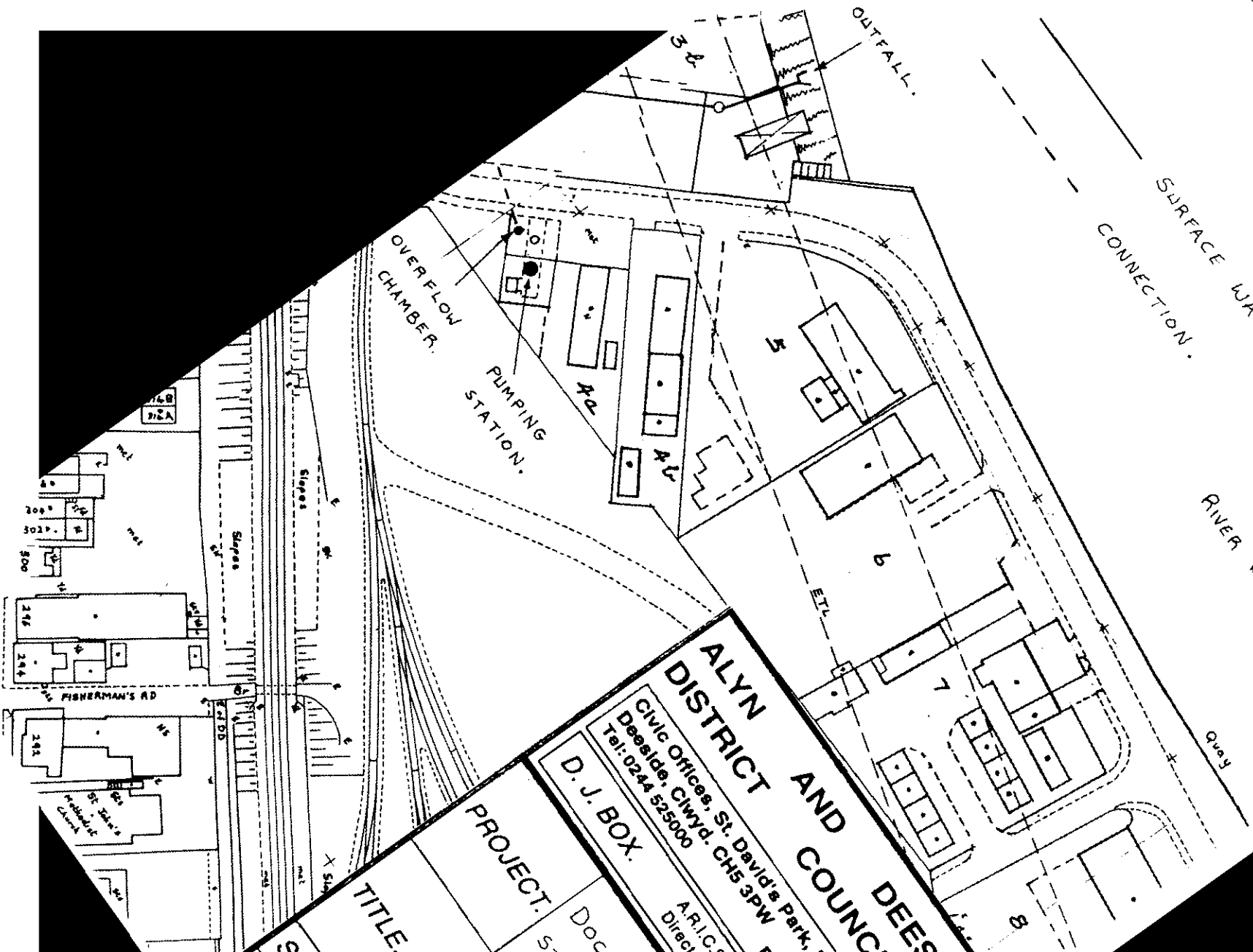
River Dee
(Afon Dyfrdwy)

Date of Levelling

C - Set of
Drawings No 1

SURFACE WATER SEWER
CONNECTION.

RIVER DEE.



ALYN DISTRICT AND COUNCIL DEESIDE

Civic Offices, St. David's Park, Ewloe,
Deeside, Clwyd, CH5 3PW
Tel: 0244 525000 Fax: 0244 525323
A.R.I.C.S.
Director of Technical Services.

D. J. BOX.

DOCK ROAD PUMPING
STATION No 3.

PROJECT.

TITLE.

Scale.

Drawn By.

Date.

N. L. P.
AUGUST

PLAN TO ACCOMPANY
CONSENT TO DISCHARGE
APPLICATION.
18 1250

7 The Authority will normally require adequate provision for the taking of samples of the discharge. Please indicate the means proposed. (See note 9.) At the outlet ☒ At a manhole or sampling chamber ☐ See plan ☐ Other ☐ If other, please give further details:-										
8 Indicate proposed means of discharge:- <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">1. Pipe ☒</td> <td style="width: 33%;">2. Channel ☐</td> <td style="width: 33%;">3. Borehole ☐</td> </tr> <tr> <td>4. Soakaway ☐</td> <td>5. Well ☐</td> <td>6. Sub-irrigation system ☐</td> </tr> <tr> <td>7. Culvert ☐</td> <td>8. Soakaway & sub-irrigation system ☐</td> <td>9. Other ☐</td> </tr> </table> If 9 please give further details:-		1. Pipe ☒	2. Channel ☐	3. Borehole ☐	4. Soakaway ☐	5. Well ☐	6. Sub-irrigation system ☐	7. Culvert ☐	8. Soakaway & sub-irrigation system ☐	9. Other ☐
1. Pipe ☒	2. Channel ☐	3. Borehole ☐								
4. Soakaway ☐	5. Well ☐	6. Sub-irrigation system ☐								
7. Culvert ☐	8. Soakaway & sub-irrigation system ☐	9. Other ☐								
9 Give details as appropriate a) For pipes, channels, wells and boreholes, state diameter in millimetres or dimension(s) in metres. b) For sub-irrigation systems, soakaway pits, wells and boreholes, state depth in metres and geological stratum, if known. c) For boreholes, state details of lining: Type of lining Depth of lining Depth of perforated lining Depth of imperforated lining	a) 150mm dia. b) N/A c) N/A : metres : metres : metres : metres									
10 Is there a foul sewer available to which the discharge could be made? If yes give reason for not connecting. Distance from nearest foul sewer.	XXXXNO* : :									
11 Give brief details of: a) Source of water supply (eg mains, well, borehole, etc.) b) General purpose for which water is used (eg domestic, cooling, etc.)	a) Mains b) Domestic/light industrial									

*Delete as necessary

12	Is consent required for a limited period? If yes give end date	XXX NO*																				
13	On what date do you anticipate the discharge will begin to be made?	October 1993																				
14	Does this proposal replace an existing discharge? If yes give details	XXX NO*																				
15	Are there any existing consents for discharge from the premises? (see note 10.) If yes, give details, numbers, if known.	XXX NO*																				
16	Please give details of the premises – tick as appropriate:– <table border="0"> <tr> <td>1. Single dwelling</td> <td>☐</td> <td>2. Multiple dwellings</td> <td>☐</td> </tr> <tr> <td>3. Licenced premises</td> <td>☐</td> <td>4. Vehicle parking area</td> <td>☐</td> </tr> <tr> <td>5. Industrial premises</td> <td>☐</td> <td>6. Fish farm</td> <td>☐</td> </tr> <tr> <td>7. Mineral workings</td> <td>☐</td> <td>8. WSPLC STW</td> <td>☐</td> </tr> <tr> <td>9. Water supply</td> <td>☐</td> <td>10. Other</td> <td>☒</td> </tr> </table> If other, please give further details. Foul Sewage Pumping Station		1. Single dwelling	☐	2. Multiple dwellings	☐	3. Licenced premises	☐	4. Vehicle parking area	☐	5. Industrial premises	☐	6. Fish farm	☐	7. Mineral workings	☐	8. WSPLC STW	☐	9. Water supply	☐	10. Other	☒
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7. Mineral workings	☐	8. WSPLC STW	☐																			
9. Water supply	☐	10. Other	☒																			
17	IN THE CASE OF SUB-IRRIGATION SYSTEMS AND SOAKAWAYS																					
a)	Is any part of the system within 10 metres of the site boundary?	YES/NO*																				
b)	Is any part of the system within 10 metres of a watercourse?	YES/NO*																				
c)	Is the land in which the disposal system is to be constructed under-drained with land drains discharging to a watercourse or to be so under-drained?	YES/NO*																				
d)	If the answer to either (b) or (c) is "YES" please state the name of the watercourse or sufficient information to identify it.																					
e)	Attach details of the percolation test carried out.	Attached																				
18	FOR SEWAGE TREATMENT PLANTS																					
a)	State the population served/population equivalent/estimated population*	*All year *Summer *Winter																				
b)	Give details of the treatment plant to be used (see note 11.)																					

*Delete as necessary

FOR TRADE EFFLUENT AND SEWAGE DISCHARGES
CONTAINING TRADE EFFLUENT

19 a) Describe the trade effluent and the process(es) from which it arises. (See note 12.)

b) Maximum temperature of the effluent as discharged °C

c) Does the effluent contain any of the following? *YES/ NO

If yes, underline those present and give full details (including maximum, minimum and mean values) separately.

- | | |
|--|--|
| 1. Aldrin, dieldrin, endrin and isodrin | 25. Iron |
| 2. Arsenic | 26. Lead |
| 3. Atrazine | 27. Malathion |
| 4. Azinphos-ethyl | 28. Mercury and its compounds |
| 5. Azinphos-methyl | 29. Nickel |
| 6. Boron | 30. Parathion |
| 7. Cadmium and its compound | 31. Parathion-methyl |
| 8. Carbon tetrachloride | 32. PCSD's |
| 9. Chloroform | 33. Pentachlorophenol (PCP) |
| 10. Chromium | 34. Perchloroethylene |
| 11. Copper | 35. Permethrin |
| 12. Cyanide | 36. pH if outside the range 5.5 to 9.0 |
| 13. Cyfluthrin | 37. Polychlorinated biphenyls |
| 14. DDT | 38. Simazine |
| 15. 1, 2-Dichloroethane | 39. Sulcofuron |
| 16. Dichlorvos | 40. Tetrachloroethylene |
| 17. Dioxins | 41. Tributyltin compounds |
| 18. Endosulfan | 42. Trichlorobenzene |
| 19. Fenitrothion | 43. Trichloroethane |
| 20. Fenthion | 44. Trichloroethylene |
| 21. Flucosfuron | 45. Trifluralin |
| 22. Hexachlorobenzene (HCB) | 46. Triphenyltin compounds |
| 23. Hexachlorobutadiene (HCBD) | 47. Vanadium |
| 24. Hexachlorocyclohexane
(lindane and related compounds) | 48. Zinc |

d) Give full details of any other significant chemical components contained in the effluent:—

20 FOR STORM AND EMERGENCY DISCHARGES AND SURFACE WATER SEWERS

State the type of discharge. Tick (or put in) one box as appropriate.

Storm tanks	☐	Answer all except 23 & 26
Storm overflow from sewer	☐	Answer all except 23 & 26
Storm overflow from combined sewer	☐	Answer all sections below
Emergency overflow from sewer	☐	Answer 23a, 24, 25, 27, 28
Emergency overflow from pumping station	☒	Answer all except 23b, 27
Surface Water	☐	Answer 25, 27
Other	☐	Answer as appropriate
If other, please give details below		

21	a) State dry weather flow of pumping station in sewer	:	20	m ³ /day
	b) State flow at which emergency pump will commence	:	Emergency overflow total breakdown only	l/sec
22	Expected frequency of operation	:	None	per annum
23	State volume of storm tanks	:	N/A	m ³
24	State volume of wet well	:	20	m ³
25	What provisions have been made to raise alarms? (eg telemetry)		Telemetry is installed	
26	What facilities have been provided to prevent the discharge of gross solids? (For screens, give bar spacing or aperture.)		10mm bar spacing proposed for screen	
27	What provisions have been included to deal with			
	a) power failure?		Generator socket on panel	
	b) mechanical breakdown?		Over - pumping point	
	c) rising main failure?		None	
28	What facilities have been provided for flow measurements?		None	
29	Are there any other factors to be taken into account?		Overflow is only likely to operate after failure in excess of 24 hours.	

Dist. Area Ref. Northern

Application No. C60344101

Date Received: _____

1-9-53

Signed

Date _____

26th August 1993

~~YES~~ NO*

XXXXNO*

<i>1a Full name and postal address of applicant. (See note 4.)</i> <i>Post Code:</i> <i>Daytime telephone number:</i>	Alyn & Deeside District Council, Civic Offices, St. David's Park, Ewloe, Deeside, Clwyd. CH5 3PW (0244) 525363
<i>1b Agent (if any)</i> <i>Full name and postal address</i> <i>Contact name and daytime telephone number</i>	N/A <i>Notes: if this box is completed, all correspondence will be sent to this address.</i>

**Delete as necessary*

2a Address or other sufficient description of land or premises to which this application relates	Dock Road Pumping Station No. 3, Dock Road, Connah's Quay, Deeside, Clwyd, CH5 4DS
2b National Grid Reference of point of discharge	S J 2 9 4 7 6 9 8 3
2c District Council area	Alyn and Deeside
3 State the nature of the discharge. Tick one or more boxes as appropriate. (See note 6.)	Sewage effluent Storm emergency sewage effluent Trade effluent Any other matter (inc. surface water). ☐ ☒ ☐ ☐
4 For sewage and trade effluent, and storm emergency discharges, state:- a) Maximum quantity it is proposed to discharge in one day. (See note 7.) b) Highest rate at which it is proposed to operate the discharge. c) Periods during which the discharge will take place.	10 m³/day 0.5 l/sec Total breakdown of Pumping Station
5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified.)	N/A m²
6 Receiving medium Tick the category to which the proposed discharge(s) are to be made. TIDAL RIVER OR STREAM NON-TIDAL RIVER OR STREAM CANAL LAKE, LOCH OR POND (not discharging to a river or stream) ☒ ☐ ☐ ☐ INTO LAND ONTO LAND DIRECTLY INTO GROUNDWATER INTO LAND AND WATERCOURSE COASTAL WATER (see Note 8) ☐ ☐ ☐ ☐ ☐ State name of watercourse, if known:-	

7 The Authority will normally require adequate provision for the taking of samples of the discharge. Please indicate the means proposed. (See note 9.)

At the outlet

☒

At a manhole or
sampling chamber

☐

See plan

☐

Other

☐

If other, please give further details:-

8 Indicate proposed means of discharge:-

1. Pipe

☒

2. Channel

☐

3. Borehole

☐

4. Soakaway

☐

5. Well

☐

6. Sub-irrigation

☐

7. Culvert

☐

8. Soakaway &
sub-irrigation
system

☐

9. Other

☐

If 9 please give further details:-

9 Give details as appropriate

a) For pipes, channels, wells and boreholes, state diameter in millimetres or dimension(s) in metres.

a) 100mm Diameter Pipe

b) For sub-irrigation systems, soakaway pits, wells and boreholes, state depth in metres and geological stratum, if known.

b)

c) For boreholes, state details of lining:

c)

Type of lining

: metres

Depth of lining

: metres

Depth of perforated lining

: metres

Depth of unperforated lining

: metres

10 Is there a foul sewer available to which the discharge could be made?

XXX/NO*

If yes give reason for not connecting.

:

Distance from nearest foul sewer.

: At least 1 km

11 Give brief details of:

a) Source of water supply (eg mains, well, borehole, etc.)

a) Mains

b) General purpose for which water is used (eg domestic, cooling, etc.)

b) Domestic

12	Is consent required for a limited period? If yes give relevant dates	XXX NO*																				
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d	If the answer to either (b) or (c) is "YES" please state the name of the watercourse or sufficient information to identify it.																					
e	Attach details of the percolation test carried out.	Attach if																				
18	FOR SEWAGE TREATMENT PLANTS																					
a	State the population served population equivalent estimated population	All year Two dwellings (7 bedrooms "Summer total) 10 population. "Winter																				
b	Give details of the treatment plant to be used (see note 11.)	Proprietary package treatment plant providing discharge of 20mg/l BOD and 30mg/l of SS. Details of manufacturer to be provided by 15/9/93.																				

*Delete as necessary