

Your ref.: various
Our ref.: N/WQConsents/DSAnnex

Date: 14th March 2000



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Mr A. Andrews
Dŵr Cymru cyf.
Plas Y Fynnon
Cambrian Way
Brecon
LD3 7HP

RECEIVED
- 5 APR 2000
---BUCKLEY---

Dear Sir

DISCHARGE CONSENTS - NOTIFICATION OF CHANGE TO DANGEROUS SUBSTANCES ANNEX

According to our records, you have a Consent to discharge trade or sewage effluent. The Discharge Consent contains the following condition or one that is similar: -

"The discharger shall notify the Agency in writing if any known introduction or material change in respect of discharges from trade premises...occurs that may increase or introduce into the effluent any "dangerous substance" included on List I, List II, or Red List (set out in Annex ...to this notice as updated from time to time and notified to the discharger in writing)..."

Owing to Regulations issued by DETR, the Environment Agency has reviewed the listing of substances in the Annex to this condition.

The Surface Waters (Dangerous Substances) (Classification) Regulations (SI No 2560 (1997) and SI No 389 (1998)) have made some substances, which had previously been identified in Government circular 7/89, statutory and have added 20 new substances to this list. The Annex listing has also been revised to reflect the additional substances in the Regulations and to include other substances that have become a cause for concern since 1989 when the listing was first issued.

This letter and the attached revised listing serves as the required Notification, referred to in the Consent condition. The change takes immediate effect. Please replace the old list with the new one. Please contact your local Environment Agency office and write or speak to Alun Davies if you have any queries about this letter.

Thank you for your help in this important matter.

Yours faithfully

B. Williams

PP
KEVIN THOMAS
WATER QUALITY MANAGER WALES



CG0145201_2006_02_27

Asiantaeth yr Amgylchedd Cymru
Plas-yr-Afon, Parc Busnes Llancirwg, Llancirwg, Caerdydd, CF3 0EY
Ffon: 029 20770088 Ffacs: 029 20798555

Environment Agency Wales
Rivers House, St Mellons Business Park, St Mellons, Cardiff, CF3 0EY
Tel 029 20770088 Fax 029 20798555



CONSENT NO.	CGO145201
SCHEDULE NO.	

ANNEX

- | | |
|--|------------------------------|
| 1. Mercury and its compounds | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane
(lindane and related compounds) | 4. Carbon tetrachloride |
| 5. DDT (the isomers of 1,1,1-trichloro-2,2 bis{p-chlorophenyl} ethane) | |
| 6. Pentachlorophenol (PCP) | 7. Aldrin |
| 8. Dieldrin | 9. Endrin |
| 10. Isodrin | 11. Hexachlorobenzene (HCB) |
| 12. Hexachlorobutadiene (HCBD) | 13. Chloroform |
| 14. Polychlorinated biphenyls | 15. Dichlorvos |
| 16. 1,2-Dichloroethane | 17. Trichlorobenzene |
| 18. Atrazine | 19. Simazine |
| 20. Tributyltin compounds | 21. Triphenyltin compounds |
| 22. Trifluralin | 23. Fenitrothion |
| 24. Azinphos-methyl | 25. Malathion |
| 26. Endosulfan | 27. Lead |
| 28. Chromium | 29. Zinc |
| 30. Copper | 31. Nickel |
| 32. Arsenic | 33. *Iron |
| 34. *pH outside range 5.5 to 9.0 | 35. *Boron |
| 36. Vanadium | 37. PCSD'S |
| 38. Cyfluthrin | 39. Sulcofuron |
| 40. Flucofuron | 41. Permethrin |
| 42. 4-Chloro-3-methyl-phenol | 43. 2-Chlorophenol |
| 44. 2,4-Dichlorophenol | 45. 2,4-D (ester) |
| 46. 2,4-D (non ester) | 47. 1,1,1-Trichloroethane |
| 48. 1,1,2-Trichloroethane | 49. Bentazone |
| 50. Benzene | 51. Biphenyl |
| 52. Chloronitrotoluenes | 53. Demeton |
| 54. Dimethoate | 55. Linuron |
| 56. MCPA | 57. Mecoprop |
| 58. Mevinphos | 59. Napthalene |
| 60. Omethoate | 61. Toluene |
| 62. Triazophos | 63. Xylene |
| 64. Cyanide | 65. Azinphos-ethyl |
| 66. Fenthion | 67. Parathion |
| 68. Parathion-methyl | 69. Trichloroethylene |
| 70. Tetrachloroethylene | 71. Dioxins |
| 72. PAHs | 73. Nonyl phenol |
| 74. Nonyl phenyl ethoxylate | 75. Di-ethylhexyl phthalate |
| 76. Bisphenol-A | 77. Diazinon |
| 78. Chlorfenvinphos | 79. Chlorotoluron |
| 80. Isoproturon | 81. Diuron |
| 82. Propetamphos | 83. Flumethrin |
| 84. Amitraz | 85. High-Cis Cypermethrin |
| 86. Cyromazine | 87. Deltamethrin |
| 88. Cypermethrin | |

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

*Notification to the Agency by the Consent holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.

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



**ENVIRONMENT
AGENCY**

Part A

To: DWR CYMRU CYFYNGEDIG
CONSENTS REGULATION OFFICER
PLAS-Y-FFYNNON
CAMBRIAN WAY
BRECON LD3 7HP

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CG0145201

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at TUDWEILIOG PWLLHELI

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:





Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No.	CG0145201
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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: Dwr Cymru Cyfyngedig
Of: Plas-y-Ffynnon, Cambrian Way, Brecon, Powys LD3 7HP
For: A discharge of treated sewage effluent.
To: Coastal waters.
From: Tudweiliog, Pwllheli.

WHEREAS

1. On the 3rd September 1987 the Welsh Water Authority applied to the Secretary of State for Wales for consent to make a discharge of treated sewage effluent from Tudweiliog, Pwllheli into controlled waters.
2. Consent was deemed granted on 29th September 1987 such that the discharge could lawfully be made pursuant to the provisions contained in article 4 of the Control of Pollution (Exemption of Certain Discharges from Control) (Variation) Order 1986 (as amended by article 2 of SI 1987 No 1782).

NOWHEREFORE under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers, the National Rivers Authority HEREBY GIVES YOU NOTICE that the said discharge of treated sewage effluent will become subject to the conditions contained herein three months from the date of issue of this Consent.

continued.....

Aelod Rhanbarthol o'r Bwrdd
Yr Athro Ron Edwards

Regional Board Member
Professor Ron Edwards

Rheolwr Rhanbarth Cyffredinol
Dr John Stoner

Regional General Manager
Dr John Stoner

Highfield, Ffordd Priestley
Caernarfon
Gwynedd, LL55 1HR
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Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

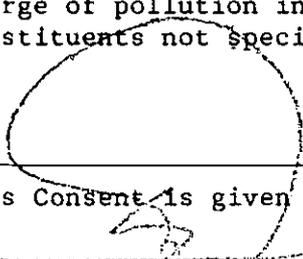
Consent No. CG0145201

WATER RESOURCES ACT 1991
Continuation Sheet

page 2 of 2

CONDITIONS OF CONSENT

1. The discharge shall consist only of treated sewage effluent.
2. The discharge shall be made in the manner and at the place specified as follows:-
Discharge via : A 150mm pipe 60m below HWMOT (10m above LATM)
Discharge to : Coastal waters
At OS Grid Ref. : SH 2344 3810
As shown marked : Outfall on the enclosed map.
3. The maximum volume of treated sewage effluent shall not exceed 355 m³ per day
4. Adequate facilities shall be provided to enable representative samples of the discharge to be conveniently obtained at any time.
5. The outfall shall be maintained in an efficient operational condition at all times.
6. The Authority shall be informed in writing as soon as reasonably practicable of any information received by Dwr Cymru to the effect that there has been or is likely to be discharged into the sewer upstream of the outfall, substances listed in the attached annex.
7. This Consent should not be taken as providing a statutory defence against a charge of pollution in respect of any poisonous, noxious or polluting constituents not specified herein.

This Consent is given on: 23 November 1992 on behalf of the Authority
by:  Area Environmental Quality Manager

During the period ending with the 22 November 1994 the terms of this Consent will not be altered without the written agreement of the person making the discharge.

Aelod Rhanbarthol o'r Bwrdd
Yr Athro Ron Edwards

Regional Board Member
Professor Ron Edwards

Rheolwr Rhanbarth Cyffredinol
Dr John Stoner

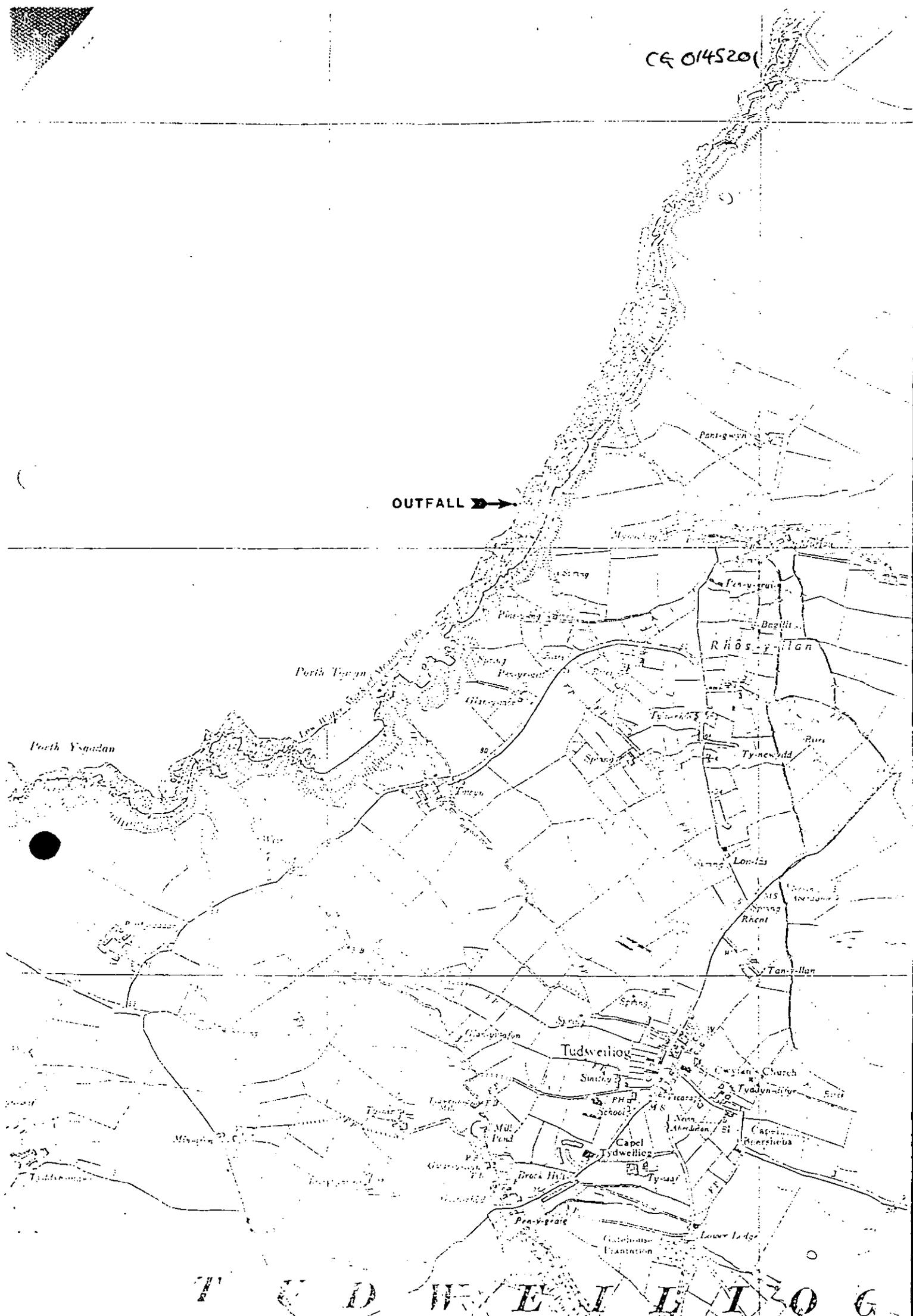
Regional General Manager
Dr John Stoner

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CG 014520

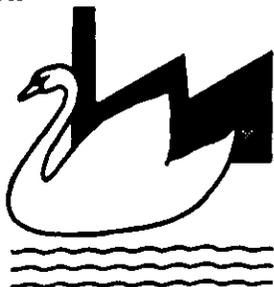
OUTFALL →



TUDWEILIOG

A N N E X

<u>SUBSTANCE</u>	
Mercury	Boron
Cadmium	Vanadium
g-Hexachlorocyclohexane	PCSDs
DDT	Cyfluthrin
Pentachlorophenol	Sulcofuron
Hexachlorobenzene	Flucofuron
Hexachlorobutadiene	Permethrin
Aldrin	Cyanide
Dieldrin	Azinphos-ethyl
Endrin	Fenthion
Polychlorinated Biphenyls	Parathion
Dichlorvos	Parathion-methyl
1,2 Dichloroethane	Tetrachloroethylene
Trichlorobenzene	Trichloroethane
Atrazine	Isodrin
Simazine	Dioxins
Tributyltin compounds	
Triphenyltin compounds	
Trifluralin	
Fenitrothion	
Azinphos-methyl	
Malathion	
Endosulphan	
Carbon tetrachloride	
Chloroform	
Trichloroethylene	
Perchloroethylene	
Lead	
Chromium	
Zinc	
Copper	
Nickel	
Arsenic	
Iron	
pH	



HER MAJESTY'S
INSPECTORATE OF POLLUTION
 Cathays Park Cardiff CF1 3NQ

Direct Line 0222 82 3175 Switchboard 0222 825111 GTN 2408

Mr. J. Jones,
 N. District - WWA.

cc Dr. C. Pattinson

Your Reference CG 01452 01

Our Reference WEP/WS 9111/90

Date 12 January 1987

**THE CONTROL OF POLLUTION (EXEMPTION OF CERTAIN DISCHARGES FROM CONTROL)
 (VARIATION) ORDER 1986**

I am writing to acknowledge receipt of the application under cover of the Welsh Water Authority's letter of 29/9/1987 in respect of the discharge of [Primary treated sewage and Storm sewage water from the outfall at Tudweiliog, Pwllheli, at SH 2344 3810

That application having been made to the Secretary of State before 15 October 1987 has been recorded as a consent deemed to have been given pursuant to the provisions contained in article 4 of the Control of Pollution (Exemption of Certain Discharges from Control) (Variation) Order 1986 (as amended by article 2 of SI 1987 No 1782).

I will write to you in due course concerning the further consideration which will be given to the said application.

Yours sincerely,

A.A. Howden
 H.M.I.P. (Water)

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APPLICATION FOR DEEMED CONSENT

WELSH WATER AUTHORITY		Welsh Office Form COPAS		Welsh Off Ref							
SUPPORTING INFORMATION FOR CONSENT/REVIEW		WWA Form SS.SI.3		Welsh W A Ref		CG 0145201					
DETAILS OF AN OUTFALL TO TIDAL WATERS											
DISCHARGER + Agent		WWA & Dwyfor District Council				WWA District	N./W				
PREMISES / SOURCE Address/Location		Tudweiliog, Pwllheli, Gwynedd									
DISCHARGE TYPE		Primary Treated Sewage and Storm Sewage Water									
CATCHMENT SERVED BY OUTFALL		Area (km ²) and Type i.e. Resort, Resi- dential, Industrial				Residential		Population			
								Winter		164	
								Summer		200	
PRELIMINARY TREATMENT		Type of Screens									
		Number of Screens		Area of Each Screen		m ²	Aperture Size		mm.		
		Method of Disposal of Screenings									
		Other Treatment e.g. Grit Removal, Comminut'n, Macer'n.									
SAMPLING POINT		TDIB SPT	OS Ref	At:							
		Sampling Constraints eg tide lock, access									
FLOW MONITORING FACILITIES		Type of Equipment									
		Location									
		Precision			Accuracy						
		Type of Data Output									
REGIME OF DISCHARGE		Tidal Storage	Yes / No	Total Storage Capacity		m ³	x Daily DWF				
		Discharge is by	Gravity / Pumps	No. of Pumps	Maximum Rating	1/s					
		Period of Discharge in Tidal Cycle									
OUTFALL DETAILS		Location of End	OS Ref	SH2344 3810	Latitude/Longitude	52 °54.7 'N 4 °37.6'W					
		Pipe Constructed of									
		Diameter of Pipe	(Internal)	150	mm.	Pipe is all / part buried / laid on bed					
		Length of Outfall *	From Headworks	m.	From HWMOT	60	m.	Beyond LATM	-10	m.	
		Diffuser Ports	Number of Ports		Diameter of Orifices		mm.				
		Spacing of Ports			Height of Orifices above Bed			mm.			
		Protection of Ports									
		Options for Tender?	No / Yes	If 'Yes', give details of the options under Other Information							
DEPTH OF WATER		Over Outfall Diffuser Orifices at Low Water	At Lowest Astronomical Tides		At Mean Spring Tides		At Mean Neap Tides				
		metres		metres		metres					
INITIAL DILUTION		For 3 x DWF	At Mean Low Water Spring Tides								
BATHING BEACHES To be shown on Out- fall Location Plan		Nearby beach(es) and least distance from Outlet(s) to beach	Porth Tywyn Low use beach 0.6 kms								
USES OF RELEVANT WATERS		E.g. Shellfishery, Fishing, Sailing, etc.	Bathing, Fishing								
OTHER INFORMATION		Enter any other relevant information overleaf					* To Terminal Port				

SUPPORTING INFORMATION FOR A CONSENT / REVIEW (CONTINUED) Form SS.SI.3

Welsh Off Ref

Relating to an Outfall to Tidal Waters at:

Welsh W A Ref

OTHER INFORMATION

Design DWF \pm 59 M³/Day

District Ref

District Contact

inCwQS Ref

For use by HQ WATER QUALITY SECTION

For use by WELSH OFFICE

