

CONSENT NO. CG0078601



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

COPY

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dŵr Cymru Cyf.
Pentwyn Road
Nelson
Treharris
Mid Glamorgan CF46 6LY

In pursuance of an application by the consent holder for variation of consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY VARIES ITS CONSENT** to the making of a discharge **OF STORM SEWAGE**, as follows:

with respect to Consent No. CG0078601 issued on the 11th August 1970

FROM: CAERNARFON WWTW INLET PUMPING STATION (6MM)

AT: CAERNARFON WWTW, ST HELENS ROAD, CAERNARFON, GWYNEDD

TO: AFON SEIONT

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

Storm Sewage

Schedule No. CG0078601 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, which alters the effect of variations made to this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this variation is issued.

This variation of consent is issued on the 27th day of February 2004

This variation of consent takes effect on the 31st day of March 2004

Signed

IWAN THOMAS

Environment Management Team Leader

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

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





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| SCHEDULE NO. | CG0078601 01 |
| DATE ISSUED | 27th February 2004 |

CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage ("the Discharge")

**FROM: Caernarfon WwTW Inlet Pumping Station (6mm), Caernarfon
WwTW, St Helens Road, Caernarfon, Gwynedd LL55 2YG**

NATURE

1. The Discharge shall consist solely of storm sewage.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 750 millimetre diameter pipe;
 - (b) discharging to Afon Seiont;
 - (c) at National Grid Reference SH 48009 61890;
 - (d) shown marked Consent Point on Plan CG0078601 attached as Annex 2.

SAMPLING POINTS

3. A sample point shall be provided and maintained at National Grid Reference SH 48087 61908, as shown marked 'Discharge Sample Point' on the attached Plan number CG0078601, 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 being discharged into controlled waters.





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VOLUME

4. The Discharge shall occur only when the rate of flow in the sewer at the inlet pumping station exceeds 219 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure.
5. A storm sewage storage facility of 120 cubic metres design capacity shall be provided and fully utilised prior to discharge being made.

COMPOSITION

6.
 - (a) The discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6mm 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.
7. The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change in respect of discharges from trade premises to the sewerage system occurs, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 1 to this notice as updated from time to time and notified to the Consent Holder in writing), and any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

MAINTENANCE

8. The overflow shall be maintained in an efficient operational condition.



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RECORDING AND REPORTING

9. (a) A recording system shall be provided and maintained to record the frequency and duration of overflow events.
- (b) On request, the Consent Holder shall supply the Agency with a written report on the frequency and duration of overflow events.

TELEMETRY FOR SCREENING FAILURE

10. (a) A 24 hour response telemetry alarm system shall be provided by start of commissioning of the overflow.
- (b) The 24 hour response telemetry alarm shall be maintained to provide a notification in the event of a failure of the screen raking mechanism during normal operation.
- (c) The Consent Holder shall notify the Agency, at least within 24 hours after receipt of a telemetry warning, that the failure has taken place.
- (d) On request the Consent Holder shall supply the Agency with a written report on the screen raking mechanism failure. The report shall detail the reasons why the situation occurred, the actions taken by the Consent holder and an assessment of what measures can be adopted in the future to minimise such occurrences.

START DATE

11. Until discharge is permitted under the terms of this consent, the quality of the effluent from Caernarfon Sewage Treatment Works shall be controlled under the terms of the consent issued on 11th August 1970.
There shall be no discharge under the terms of this consent until the 31st March 2004 or the end of commissioning of the works which ever is the sooner. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge.



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ANNEX 1

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| 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 if outside the 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.



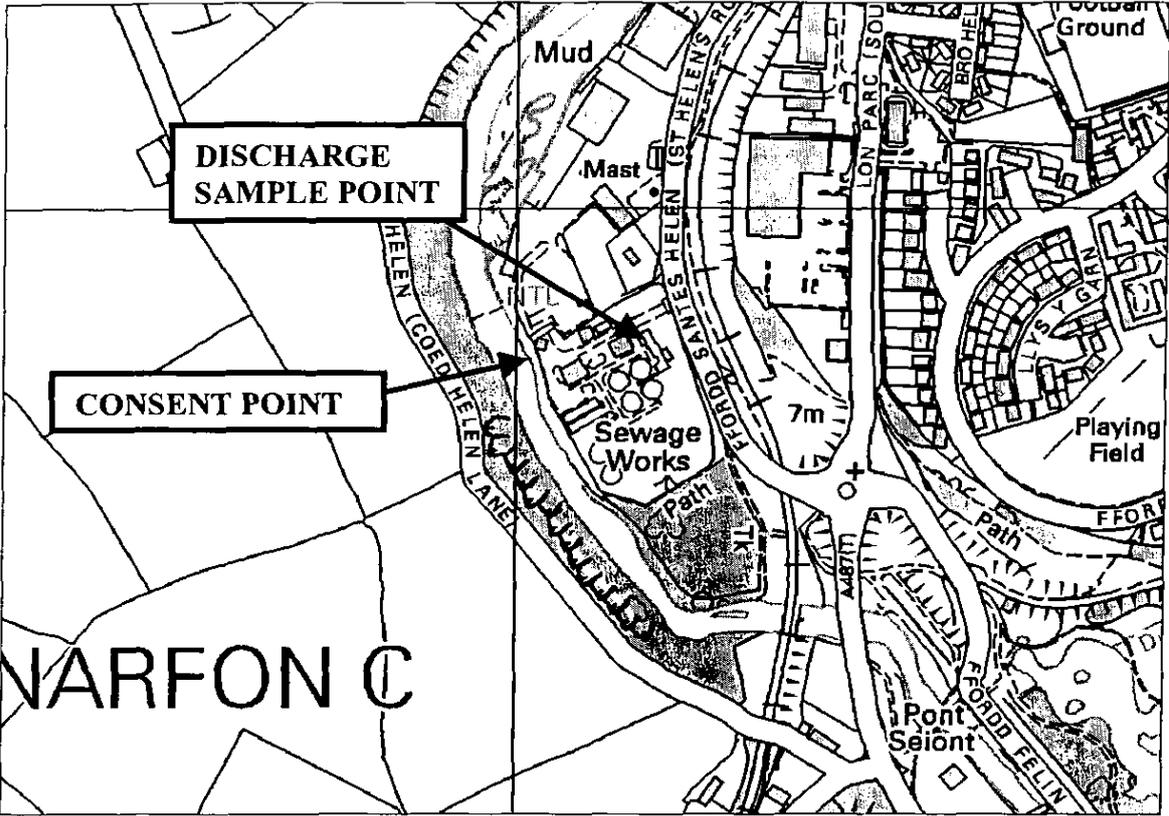
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ANNEX 2

PLAN No. CG0078601



NOT TO SCALE





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Eich cyf/Your ref.
Ein cyf/Our ref. IH/RP/CG0078601
Enquiries Ruth Prichard
Dyddiad/Date: 1st March 2004

Environment Quality Scientist
Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

COPY

Dear Sir/Madam,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE NO CG0078601.

Further to your application for variation of consent of the Agency to discharge under the provisions of Section 88 of the Water Resources Act 1991, I enclose the Agency's formal notice of the variations made to the conditions of the consent to discharge storm sewage from Caernarfon WwTw Inlet Pumping Station (6mm), Caernarfon WwTw, St Helens Road, Caernarfon, Gwynedd.

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. This charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

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 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





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If you have any queries regarding the enforcement of this consent, please contact Iwan Thomas Team Leader Environment Protection, Environment Agency, Llywyn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd, LL57 4DE.

Yours sincerely,

Kelvin Graham
Team Leader Customer Contact and Authorisations
Enc.

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