



ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Consent to Discharge

Water Resources Act 1991

(As amended by the Environment Act 1995)

**Environment Quality Scientist
DWR CYMRU CYF.
Pentwyn Road
Nelson, Treharris.
CF46 6LY**

**Consent to Discharge from
43 Heol Hen Road
At NGR: SS 53284 99749
Carmarthenshire**

**Consent Number
BP0319901**





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Consent to Discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)

Consent to Discharge

Consent Number BP0319901

To: Environment Quality Scientist
Dŵr Cymru Cyf
Pentwyn Road
Nelson, Treharris
CF46 6LY

The Environment Agency ("the Agency") in pursuance of its powers under Section 88 of, and Schedule 10 to the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby consents to the making of the following Discharge:

Storm Sewage Effluent - ("the Discharge")

From: 43 Heol Hen Road,

At: NGR: SS 53284 99749, Carmarthenshire,

To: Unnamed stream

Subject to the conditions set out in this Consent.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, as amended by the Environment Act 1995, 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 on the 7th day of March 2005

This Consent takes effect on the 31st day of March 2008

Signed

STUART THOMAS, TEAM LEADER – REGULATORY WATER QUALITY

ON BEHALF OF THE ENVIRONMENT AGENCY WALES

Asiantaeth yr Amgylchedd Cymru
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ
Ffôn: 08708 506 506, Ffacs: 01792 325530

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Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ
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Conditions of Consent

STORM SEWAGE EFFLUENT

1.1 Source and Nature

- 1.1.1 The Discharge shall be derived from a Combined Sewer Overflow located at 43 Heol Hen Road, Carmarthenshire and shall consist solely of storm sewage.

1.2 Location

- 1.2.1 The Discharge shall be made in the manner and at the place specified as:
- a discharging via an existing outlet;
 - b discharging to the unnamed stream;
 - c at National Grid Reference SS 53284 99749;
 - d shown marked 'Consent Point' on the site plan which shall be provided by the Consent Holder not later than 31st day of March 2008,.

1.3 Volume

- 1.0 The Discharge shall only occur when the incoming flow to the combined sewer overflow exceeds the overflow setting due to rainfall and/or snow melt.
- 2.0 The overflow setting shall at all times be no less than the greatest of the following:
- (a) That overflow setting calculated by Formula A or
 - (b) That overflow setting existing on the date of issue of this consent
- 3.0 The Consent Holder shall determine and notify the Agency of the overflow setting that existed on the date of issue of this consent by the effective date of this consent
- 4.0 At the request of the Agency the Consent Holder shall provide:
- (a) The calculation of Formula A for this combined sewer overflow and
 - (b) Evidence to show the overflow settings on the date of issue and effective date of this consent





Definitions:

Formula A is defined as:

$$(PG+I+E) + 1360P + 2E \text{ litres/day}$$

Where:

P = population served

G = water consumption per head per day (litres/head/day)

I = infiltration (litres/day) E = Trade Effluent flow to sewer (litres/day).

Overflow setting is defined as:

The flow rate occurring in the outlet sewer from the combined sewer overflow when the discharge is occurring.

1.4

Screening

- 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.

1.5

Maintenance

- 1.5.1 The overflow shall be maintained in an efficient operational condition.

1.6

Listed Substances

- 1.6.1 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 A 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.

1.7

Sample Point

- 1.7.1 The outlet to controlled waters shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SS 53284 99749, as shown marked 'Consent Point' on a site plan which shall be provided by the Consent Holder not later than 31st day of March 2008, or such other point as may be agreed in writing between the Consent Holder and the Agency.





ANNEX A

List of dangerous substances

Mercury and its compounds	Cadmium and its compounds	Hexachlorocyclohexane (lindane and related compounds)
Carbon tetrachloride	DDT (the isomers of 1,1,1- trichloro- 2,2 bis(p-chlorophenyl) ethane)	Pentachlorophenol (PCP)
Aldrin	Dieldrin	Endrin
Isodrin	Hexachlorobenzene (HCB)	Hexachlorobutadiene (HCBD)
Chloroform	Polychlorinated biphenyls	Dichlorvos
1,2-Dichloroethane	Trichlorobenzene	Atrazine
Simazine	Tributyltin compounds	Triphenyltin compounds
Trifluralin	Fenitrothion	Azinphos-methyl
Malathion	Endosulfan	Lead
Chromium	Zinc	Copper
Nickel	Arsenic	*Iron
*pH outside range 5.5 to 9.0	*Boron	Vanadium
PCSD'S	Cyfluthrin	Sulcofuron
Fluocifuron	Permethrin	4-Chloro-3-methyl-phenol
2-Chlorophenol	2,4-Dichlorophenol	2,4-D (ester)
2,4-D (non ester)	1,1,1-Trichloroethane	1,1,2-Trichloroethane
Bentazone	Benzene	Biphenyl
Chloronitrotoluenes	Demeton	Dimethoate
Linuron	MCPA	Mecoprop
Mevinphos	Napthalene	Omethoate
Toluene	Triazophos	Xylene
Cyanide	Azinphos-ethyl	Fenthion
Parathion	Parathion-methyl	Trichloroethylene
Tetrachloroethylene	Dioxins	PAHs
Nonyl phenol	Nonyl phenyl ethoxylate	Di-ethylhexyl phthalate
Bisphenol-A	Diazinon	Chlorfenvinphos
Chlorotoluron	Isoproturon	Diuron
Propetamphos	Flumethrin	Amitraz
High-Cis Cypermethrin	Cyromazine	Deltamethrin
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.

