



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.
Ein cyf/Our ref. LM/DR/CG0398501
Enquiries Dean Roden
Dyddiad/Date: 15th September 2003

The Site Manager
A D Waste Limited
Standard Landfill
Spencers Industrial Estate
Liverpool Road
Buckley
Flintshire CH7 3LY

DEPT. SCANNED	E.W.
DATE SCANNED	2/8/05
NO. OF PAGES	10

Dear Sir/Madam

WATER RESOURCES ACT 1991 SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) - CONSENT TO DISCHARGE TRADE EFFLUENT (SITE DRAINAGE) FROM PREMISES AT STANDARD LANDFILL SITE, SPENCERS INDUSTRIAL ESTATE, LIVERPOOL RD, BUCKLEY.

Please find enclosed the Consent to discharge under Schedule 10 of the Water Resources Act 1991 (as amended by the Environment Act 1995), in respect of your application received on 14th December 2001. You are now the holder of this Consent and should ensure that the conditions of the Consent are complied with at all times.

Should you be dissatisfied with the conditions specified in the Consent, you may appeal to the Secretary of State within three months of its issue.

This Consent is an important document. The right to discharge effluent may be valuable to you. The document should be kept safe, probably with the Deeds of the property where appropriate.

Please take careful note that if the holder of the consent changes, you should inform the Agency **IN WRITING** as soon as possible of the name of the new holder (certificate and transfer form to follow). This is to ensure that the rights and charges associated with the Consent are transferred to the new holder. If you do not inform us of the change within 21 days, an offence will have been committed that may result in prosecution.

Where the holder dies or is served with a bankruptcy order, different rules and timescales govern these changes. In these situations, the executors or trustees should contact the Agency promptly for further guidance.

If you want to revoke (cancel), or vary (change/amend) the Consent in any way, please contact the Agency. Similarly, if you change your contact address while continuing to hold the Consent, please contact the Agency.

The Agency has adopted a scheme whereby all consented discharges, except those of sewage effluent of 5 cubic metres per day or less, will be subject to an annual charge. You may well have received a booklet outlining the scale of charges but if not, they are available from the office below.



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WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: The Site Manger
A.D.Waste Limited
Standard Landfill
Spencers Industrial Estate
Liverpool Road
Buckley
Flintshire CH7 3LY

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 TRADE EFFLUENT**, as follows:

Trade Effluent - Site Drainage

FROM: Standard Landfill

AT: Spencers Industrial Estate, Liverpool Road, Buckley, Flintshire CH7 3LY

TO: Unnamed tributary of the River Dee

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

Trade Effluent - Site Drainage

Schedule no CG0398501 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 11th day of September 2003

Signed 
Ann Weedy
Environment Management Team Leader

Asiantaeth yr Amgylchedd
Ffordd Caer, Bwcle, Sir 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.	CG0398501
SCHEDULE NO.	CG0398501 01
DATE ISSUED	11th September 2003



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CONDITIONS OF CONSENT TO DISCHARGE

Trade Effluent - Site Drainage ("the Discharge")

FROM: Standard Landfill Site, Spencers Industrial Estate, Liverpool Road, Buckley

1. (a) The Discharge shall not contain any poisonous, noxious, or polluting matter or solid waste matter.
- (b) Provided that the Discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by these conditions.

NATURE

2. The Discharge shall consist solely of trade effluent comprising of treated site drainage arising from an area of 13.3 hectares.

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 100 millimetre diameter pipe;
 - (b) discharging to an unnamed tributary of the River Dee;
 - (c) at National Grid Reference SJ 29110 65341;
 - (d) shown marked "Discharge Point" on Plan CG0398501 attached as Annex 1.

SAMPLE POINT

4. The outlet to controlled waters shall be constructed, maintained and appropriately labelled so that a representative sample of the Discharge may be obtained at National Grid Reference SJ 29110 65341 as shown marked 'Discharge Point' on Plan CG0398501.



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VOLUME

5. The volume of the Discharge shall be dependent on rainfall.

RATE

6. The rate of discharge shall not exceed 64.5 litres per second.

FLOW MEASUREMENT

7. At the request of the Agency, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency, to enable the daily volume and/or instantaneous flow of the discharge to be recorded. The Consent Holder shall calibrate, operate and maintain the flow monitoring and recording system to a standard agreed or specified by the Agency. The flow and maintenance records shall be provided to the Agency as and when requested.

COMPOSITION

8. The Discharge shall not contain more than;
- (a) 50 milligrammes per litre of suspended solids (measured after drying at 105°C).
 - (b) 3 milligrammes per litre of ammoniacal nitrogen (expressed as N).
 - (c) 250 milligrammess per litre of total chloride.
 - (d) 40 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea).
 - (e) 0.25 milligrammes per litre of total lead.
 - (f) 1 milligrammes per litre of total iron.
 - (g) 0.25 milligrammes per litre of total zinc.
 - (h) 0.01 milligrammes per litre of total copper.
 - (i) 0.05 milligrammes per litre of total arsenic.
 - (j) 0.05 milligrammes per litre of total cyanide.



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9. The Discharge shall have a pH of between 6 and 9.
10. As far as is reasonably practicable, the works shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease.

SUBSTANTIAL CHANGE

11. (a) A Discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the Discharge on controlled waters.
- (d) An increase in the polluting effects of the Discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristics of the Discharge which are specifically regulated by conditions 8, 9 and 10 of this consent but may be significant if it is caused by a change in some other characteristic of the Discharge.

NOTICE OF CHANGE

12. 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 environment occurs, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 2 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.

WORKS OPERATION

13. (a) The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.
- (b) This condition does not require -
 - (i) any higher standard to be achieved in relation to any characteristic of the discharge which is specifically regulated by conditions 8, 9 and 10 than is required by those conditions;
 - (ii) any alteration of the works or a change in the type of treatment used.



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OPERATIONAL SURVAILLANCE AND AUDIT

14. (a) The Consent Holder shall maintain records that demonstrate to the satisfaction of the Agency:
- (i) knowledge and understanding by the Consent Holder of the composition of materials supplied to them and of any changes in formulation of process inputs to landfill site;
 - (ii) any changes in process that may result in a change in the Dangerous Substances composition of the effluent discharge.
- (b) The Consent Holder, at a time scale and frequency agreed by the Agency, shall undertake and record an audit to identify any additions or changes to the concentrations and loads of Dangerous Substances in the effluent since date of issue of the consent.
- (c) The audit procedure is to be previously agreed in writing by the Agency.
- (d) The records kept in accordance with paragraphs (a) and (b) above shall be made available to the Agency on request.

NON INJUROUS TO FISH

15. As far as is reasonably practicable, the site shall be operated so as to prevent:
- (a) any matter being present in the Discharge, other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
 - (b) the Discharge from having any other adverse environmental impact.



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MAINTENANCE

16. The works shall be operated and maintained in accordance with good operational practice such that:
- (a) The Consent Holder shall maintain the outfall pipe and diffusers in an efficient operational condition, so as to minimise the probability of blockages or other failures, and shall implement periodic inspections of the integrity and performance of the diffusers and outfall pipe.
 - (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions undertaken.



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ANNEX 2

- | | |
|--|------------------------------|
| 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. Flucifuron | 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.



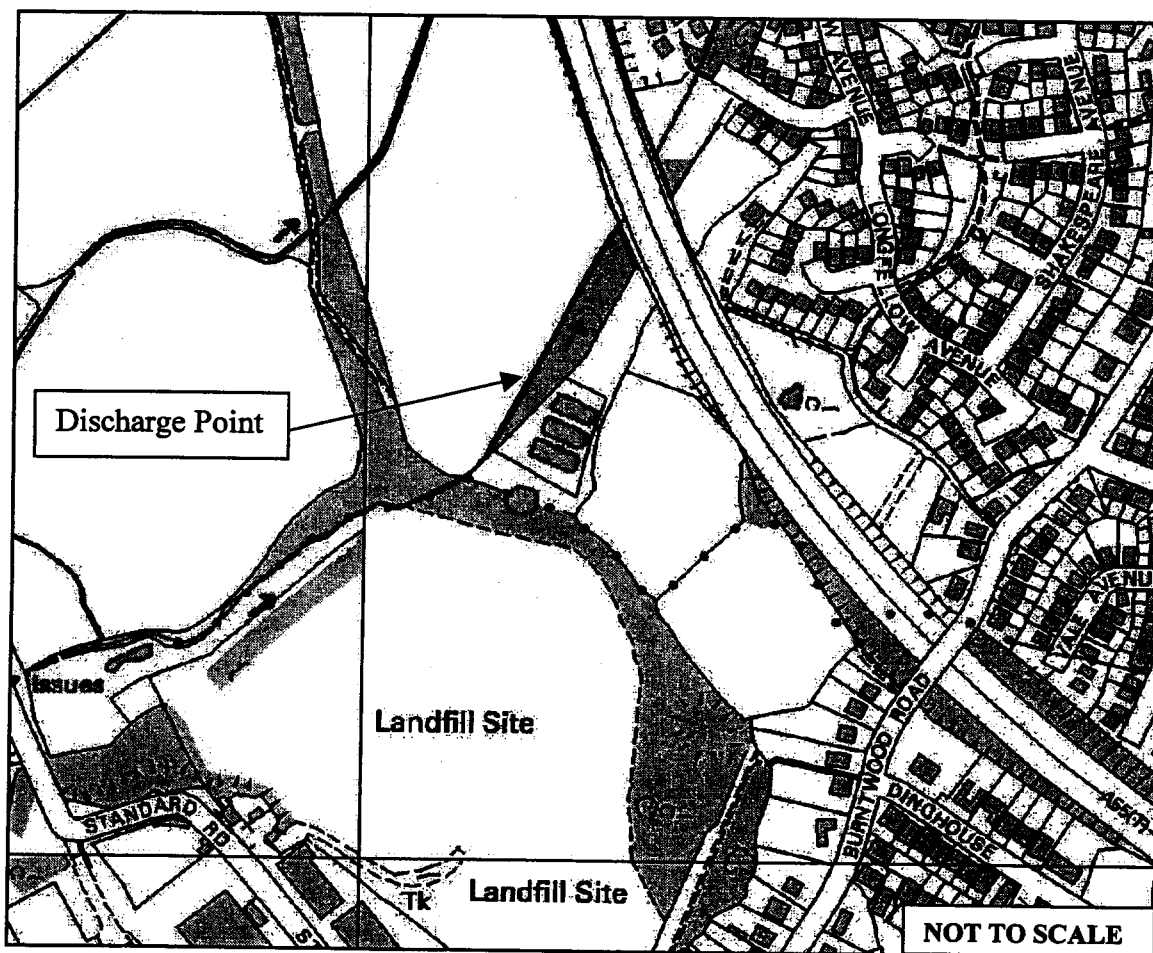
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ANNEX 1

PLAN CG0398501



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