

elo

CONSENT NO. BP0356101

creu lle gwell  
creating a better place



Asiantaeth yr  
Amgylchedd Cymru  
Environment  
Agency Wales

**WATER RESOURCES ACT 1991**

**SECTION 88 - SCHEDULE 10**

**(AS AMENDED BY THE ENVIRONMENT ACT 1995)**

**CONSENT TO DISCHARGE**

**TO:** Andrew Scott Ltd.  
The Grange  
Margam  
Port Talbot  
SA13 2SP

The ENVIRONMENT AGENCY ("The Agency") in pursuance of its powers under the Water Resources Act 1991 <b>HEREBY CONSENTS</b> to the making of a discharge <b>OF TRADE EFFLUENT</b> , as follows:	
<b>EXCAVATION WATER AND SITE DRAINAGE</b>	
<b>FROM:</b>	<b>ETHOS PROJECT DEVLOPMENT</b>
<b>AT:</b>	<b>SITE A2, KINGS ROAD, SA1 DEVELOPMENT, SWANSEA WATERFRONT</b>
<b>TO:</b>	<b>TAWE ESTUARY</b>
<b>SUBJECT TO</b> the conditions set out in the following schedule(s):	
<b>EXCAVATION WATER AND SITE DRAINAGE</b>	<b>Schedule No. BP0356101 01</b>
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 on the 20 <sup>th</sup> day of October 2006	
Signed .....	
Stuart Thomas Regulatory Water Quality Team Leader	

Asiantaeth yr Amgylchedd Cymru  
Maes Newydd, Llandarsi, Nedd Port Talbot, SA10 6JQ. Ffon: 08708 506506, Ffacs: 01792 325511

Environment Agency Wales  
Maes Newydd Llandarcy, Neath Port Talbot, SA10 6JQ. Tel: 08708 506506, Fax: 01792 325511



<b>CONSENT NO.</b>	<b>BP0356101</b>
<b>SCHEDULE NO.</b>	<b>BP0356101 01</b>
<b>DATE ISSUED</b>	<b>20<sup>th</sup> October 2006</b>

## **CONDITIONS OF CONSENT TO DISCHARGE**

### **EXCAVATION WATER AND SITE DRAINAGE ("the Discharge")**

**FROM: ETHOS PROJECT DEVELOPMENT, SITE A2, KINGS ROAD, SA1 DEVELOPMENT, SWANSEA WATERFRONT**

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 excavation water and site drainage from the Ethos Project Development.

### **LOCATION**

3. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a 450 mm diameter pipe;
  - (b) discharging to the Tawe Estuary;
  - (c) at National Grid Reference SS 66300 93010;
  - (d) shown marked 'Consent Point' on Plan BP0356101 attached as Annex 1.

### **SAMPLE POINT**

4. The outlet to the watercourse shall be constructed, maintained and appropriately labelled so that a representative sample of the Discharge may be safely obtained at National Grid Reference SS 6630 9301, as shown marked 'Consent Point' on Plan BP0356101.

### **VOLUME**

5. The rate of discharge shall not exceed 270 litres per second.

<b>CONSENT NO.</b>	<b>BP0356101</b>
<b>SCHEDULE NO.</b>	<b>BP0356101 01</b>

6. Flow measurement structure(s) shall be provided and maintained to enable the daily volume and instantaneous flow rate of the Discharge to be measured or determined as required.

### **COMPOSITION**

7. The Discharge shall not contain:
- (a) more than 80 milligrammes per litre of suspended solids (measured after drying at 105°C);
  - (b) any visible oil or grease.
  - (c) 5 microgrammes per litre of total copper
  - (d) 80 microgrammes per litre of total zinc
8. As far as is reasonably practicable, the works 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.

### **MAINTENANCE**

9. The treatment system shall be operated and maintained in accordance with good operational practice such that it remains fully operational at all times.

<b>CONSENT NO.</b>	<b>BP0356101</b>
<b>SCHEDULE NO.</b>	<b>BP0356101 01</b>

## **RECORDING AND REPORTING**

10. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
11. The Consent Holder shall notify the Agency in writing if any known 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" included on Lists I, II or Red List (set out in Annex 2 to this notice as updated by the Agency from time to time, and notified to the Consent Holder in writing), or any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

## **SUBSTANTIAL CHANGE**

12. 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 as a result of a new or altered discharge of trade effluent into the works.

## **UNAUTHORISED DISCHARGES**

13. A discharge made from the site shall not contain any poisonous, noxious or polluting matter or solid waste matter that is attributable to any unauthorised discharge into the works.
- (a) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- (b) Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under section 87 of the Water Resources Act 1991.

<b>CONSENT NO.</b>	<b>BP0356101</b>
<b>SCHEDULE NO.</b>	<b>BP0356101 01</b>

**14. START DATE**

There shall be no discharge under the terms of this consent until the commissioning of the site excavation. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge

CONSENT NO.	BP0356101
SCHEDULE NO.	BP0356101 01

**ANNEX 2**

- |  |                              |
|--|------------------------------|
| 1. Mercury and its compounds   | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane<br>(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.

Annex 1 :BP0356101  
Ethos Project Development

