

CONSENT NO.

BP0253601



ASiantaeth Yr  
Amgylchedd Cymru  
ENVIRONMENT  
AGENCY WALES

WATER RESOURCES ACT 1991

**SECTION 88 - SCHEDULE 10**

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

**VARIATION OF CONSENT TO DISCHARGE**

**TO:** Environment Quality Scientist  
Dwr Cymru Cyfyngedig  
Plas y Ffynnon  
Cambrian Way  
Brecon  
LD3 7HP

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 SEWAGE EFFLUENT**, as follows:

**SETTLED STORM SEWAGE**  
**SEWAGE IN AN EMERGENCY**

with respect to Consent No. BP0253601 issued on the 16<sup>th</sup> day of March 1992

**FROM: STACKPOLE SEWAGE TREATMENT WORKS**

**AT: STACKPOLE**

**TO: AN UN-NAMED TRIBUTARY OF BOSHERTON LAKES, EASTERN ARM**

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

**SETTLED STORM SEWAGE**  
**SEWAGE IN AN EMERGENCY**

**Schedule No. BP0253601 01**

**Schedule No. BP0253601 02**

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 is issued and takes effect on the 16<sup>th</sup> day of March 2000

Signed ..... *H. J. Williams* .....  
Team Leader Water Quality Consents



CONSENT NO.	BP0253601
SCHEDULE NO.	BP0253601 01
DATE ISSUED	16th March 2000



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ENVIRONMENT  
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## CONDITIONS OF CONSENT TO DISCHARGE

**SETTLED STORM SEWAGE** ("the Discharge")

**FROM: STACKPOLE SEWAGE TREATMENT WORKS**

### NATURE

1. The Discharge shall consist solely of settled storm.

### LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a 150mm diameter pipe;
  - (b) discharging to an un-named tributary of Bosherton Lakes Eastern Arm;
  - (c) at National Grid Reference SR 9816 9653;
  - (d) shown marked 'Settled Storm/Emergency Discharge Point' on Plan BP0253601 attached as Annex 1.

### SAMPLE POINTS

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SR 9820 9652, as shown marked 'Settled Storm/Emergency Sampling Point' on Plan BP0253601, so that a representative 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 discharging into controlled waters.

### VOLUME

4. The Discharge shall occur when and only for as long as, the storm tanks are full and the rate of flow entering the outfall pump sump is in excess of 2.4 litres per second due to rainfall and/or snowmelt. The storm tanks shall be emptied automatically and their contents returned for full treatment immediately after cessation of the overflow to the storm tanks.



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<b>SCHEDULE NO.</b>	<b>BP0253601 01</b>



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## **COMPOSITION**

5. (a) The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres in two dimension(s).
- (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.

## **RECORDING AND REPORTING**

6. (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.

## **EVENT MONITOR/TELEMETRY**

7. (a) A recording system shall be provided and maintained to record the frequency of overflow events.
- (b) On request the consent holder shall supply the Agency with a written report on the frequency of overflow events.
8. (a) A 24 hour response telemetry alarm system shall be provided by the 1<sup>st</sup> of May 2000 and maintained to provide a notification in the event of operation of the combined sewer overflow.
- (b) The consent holder shall notify the Agency, as soon as practicable after receipt of a telemetry warning, that operation of the high level overflow has taken place.
- (c) On request the consent holder shall supply the Agency with a written report on the operation of the overflow.



CONSENT NO.	BP0253601
SCHEDULE NO.	BP0253601 02
DATE ISSUED	16 <sup>th</sup> March 2000.



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## CONDITIONS OF CONSENT TO DISCHARGE

### SEWAGE IN AN EMERGENCY ("the Discharge")

**FROM: STACKPOLE SEWAGE TREATMENT WORKS**

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 sewage in an emergency.
3. The Discharge shall only occur when the outfall pumping station is inoperative as a result of one or more of the following:
  - (i) *electrical power failure not due to the act or default of the consent holder, its agents, representatives, officers, employees or servants;*
  - (ii) *mechanical breakdown of duty and standby pumps;*
  - (iii) *blockage of the sea outfall not due to the act or default of the consent holder, its agents, representatives, officers, employees or servants;*

and it is not reasonably practicable to dispose of the sewage otherwise. There shall be no undue delay on the part of the consent holder in remedying any such failure or breakdown

### LOCATION

4. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a 150mm diameter pipe;
  - (b) discharging to an un-named tributary of Bosherton Lakes Eastern Arm;
  - (c) at National Grid Reference SR 9816 9653;
  - (d) shown marked 'Settled Storm/Emergency Discharge Point' on Plan BP0253601 attached as Annex 1.



<b>CONSENT NO.</b>	<b>BP0253601</b>
<b>SCHEDULE NO.</b>	<b>BP0253601 02</b>



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Environment  
Agency Wales**

## **SAMPLE POINT**

5. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SR 9820 9652 as shown marked 'Settled Storm/Emergency Sampling Point' on Plan BP0253601, so that a representative 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 discharging into controlled waters.

## **VOLUME**

6. Storage capacity, equivalent to a total of at least 6 hours of the dry weather flow in the sewer immediately upstream of the outfall pump sump, shall be provided in the storm storage tanks and/or the upstream sewerage system, above the wet well design top water level.

## **COMPOSITION**

7. (a) The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres 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.

## **RECORDING AND REPORTING**

8. (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.

## **TELEMETRY**

9. (a) A 24 hour response telemetry alarm system shall be provided by the 1<sup>st</sup> of April 2000 and maintained to give notification of failure or breakdown of the pumping station.



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- (b) The consent holder shall take all reasonable remedial measures to return the pumping station to normal operation, as soon as practicable after warning of failure or breakdown of the pumping station.
  - (c) The consent holder shall notify the Agency, as soon as practicable, when there is potential for operation of the emergency overflow in the event of failure or breakdown of the pumping station.
10. (a) A 24 hour response telemetry alarm system shall be provided by the 1<sup>st</sup> of May 2000 and maintained to provide a notification in the event of operation of the emergency overflow.
- (b) The consent holder shall notify the Agency, as soon as practicable after receipt of a telemetry warning, that operation of the combined sewer overflow has taken place.
11. On request the consent holder shall supply the Agency with a written report on the operation of the combined sewer overflow.

#### **PUMPS**

12. The duty pump(s) shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
13. Stand-by pump(s) shall automatically activate should the duty pump(s) become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pump shall automatically reactivate immediately after the power is restored following interruption to the supply.

#### **OTHER**

14. Facilities shall be provided so that a mobile stand-by generator may be installed readily at the pumping station in the event of electrical failure and the consent holder shall install and operate such a generator as soon as is practicable after an electrical failure.
15. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.



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SCHEDULE NO.	BP0253601 01



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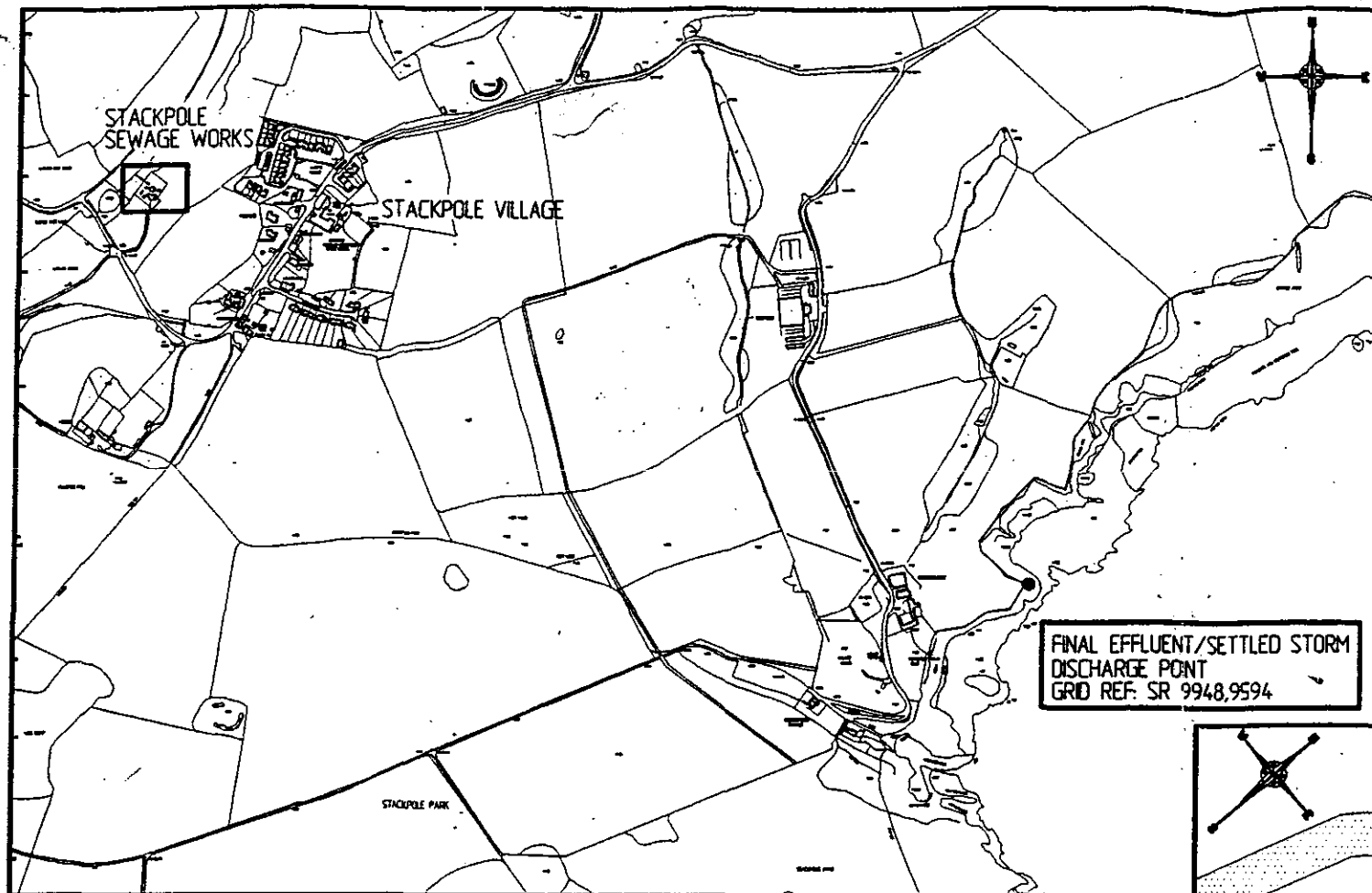
## ANNEX 2

- |  |                              |
|--|------------------------------|
| 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.





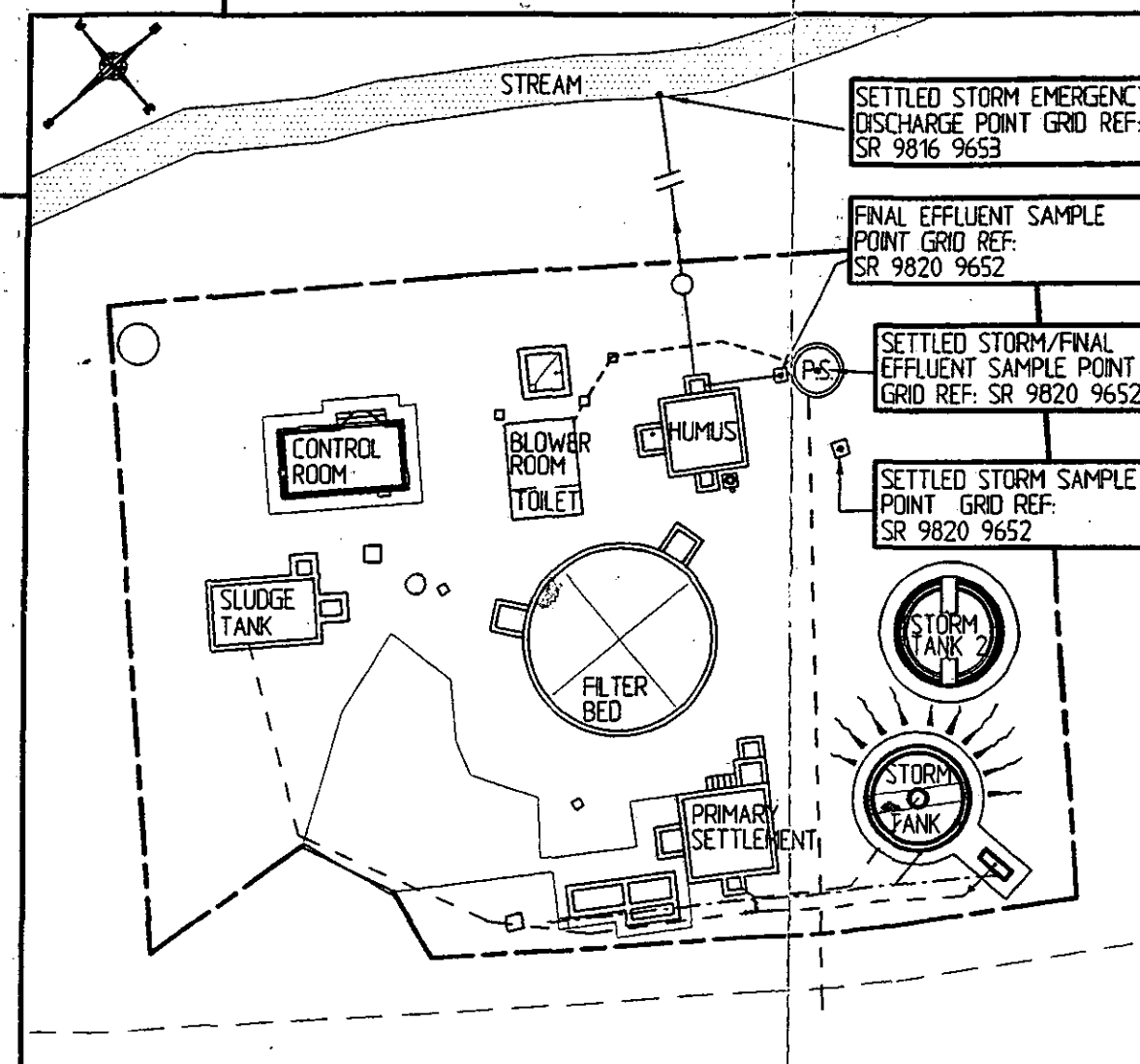
**DISCHARGE LOCATION PLAN**

SCALE 1:100,000

**ENVIRONMENT AGENCY WALES**

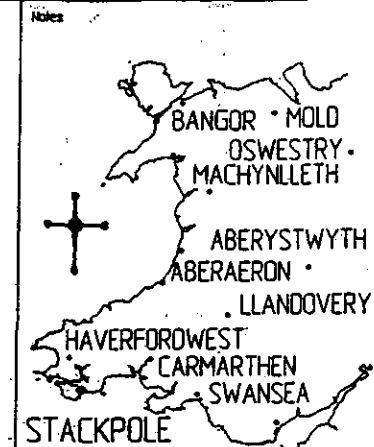
PLAN N° BP0253601

**ANNEX I**




**STACKPOLE S.T.W.**

SCALE 1:500



**LOCATION PLAN**

A	DISCHARGE CONSENT CONSUL			JP	BMG	AJM	29.10.99
Issue	Description			Auth.	Chk.	Appd.	Date
Client							
DWR CYMRU CYFENGEDIG SOUTH WESTERN DIVISION							
Project							
STACKPOLE S.T.W.							
Title							
LOCATION AND SITE PLAN FOR DISCHARGE CONSENT							
Scale A3				Datum			
AS SHOWN				LOCAL			
				HYDER CONSULTING Plymouth Member Swansea SA7 9AB Tel: +44 (0)1792 771100 Fax: +44 (0)1792 701000			
Project Code				Drawing No.		Issue	
NE61559				001		A	