

**Environment Agency
South West Region
Environment Protection**



**ENVIRONMENT
AGENCY**

189

**1997 EC Directive
Compliance Report**

August 1998

Compiled By: Dean Levy

Technical Assistant (Quality Assessment)

Water Quality Technical Series

QA 98/01

MG Booth

**Regional Environment Protection
Manager**

ENVIRONMENT AGENCY - SOUTH WEST REGION

1997 EC Directive Compliance Report

This report is a compilation of the Head Office returns for compliance with EC Directives in 1997. The report highlights sites which were non-compliant in 1997 and includes a progress update on investigations at sites which failed in 1996. In addition historic compliance for each Directive is included for reference purposes.

It is intended that the report should be used by Area and Regional staff in discussions of requirements for investigations into non-compliance. The report is also intended to highlight consenting issues for discussion, particularly regarding Dangerous Substances.

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For specific queries on compliance with Directives please contact:

Rosanne Broome, Senior Scientist (Quality Assessment) Ext. 2622
Emma Langley, Scientific Officer (Quality Assessment) Ext. 2616

SECTION 1: EC BATHING WATERS DIRECTIVE

1.1 1997 EC Bathing Waters Compliance

1.1 .1: 1997 Compliance With Mandatory Coliform Standards

The following 16 bathing waters failed to achieve mandatory coliform standards:

Area	Cornwall	Devon	North Wessex	South Wessex
	East Looe	Combe Martin	Weston Super Mare (Uphill Slipway)	Charmouth West
	Maen Porth	Goodrington		Christchurch (Avon)
	Plymouth Hoe (West)	Ilfracombe (Capstone)		Christchurch (Friars Cliff)
	Readymoney Cove	Instow		
	Trevaunance Cove	Lyme Regis (Church)		
		Lynmouth		
		Teignmouth (Holcombe)		

The DETR confirmed that weather waivers would apply for Minehead Terminus and it was therefore considered compliant.

Note: Beacon Cove (Devon) was closed for much of the bathing season and was excluded from compliance assessment by the DETR. The number of bathing waters for South West Region included in compliance assessment for the 1997 season was therefore 180.

The table below summarises the compliance position for 1997 in comparison with 1996:

	Number failing mandatory (I) standards		Total monitored & identified	
	1996	1997	1996	1997
Cornwall	7 (8.9%)	5 (6.3%)	79	79
Devon	5 (8.5%)	7 (12.1%)	59	58
N.Wessex	0 (-)	1 (9.1%)	11	11
S.Wessex	1 (3.2%)	3 (9.4%)	31	32
Total	13 (7.2%)	16 (8.8%)	180	180

Compared to 1996 there was a deterioration in compliance with the Bathing Water Directive mandatory standards in the Region. The reasons for failure of the 16 bathing waters during 1997 are summarised in 1.1.3. In summary, 7 failures were linked to uncompleted AMP2 improvement schemes, 6 resulted from unknown sources of contamination of freshwater inputs and 3 were due to a combination of freshwater inputs and operational sewerage problems.

For the 16 failing bathing waters, 19 of the 321 samples (5.9%) taken for total coliforms exceeded mandatory standard whilst 42 of the 322 (13.0%) samples taken for faecal coliforms exceeded the standard.

1.1.2: 1997 Compliance With Guideline Coliform And Streptococci Standards

During the 1997 bathing season 85 bathing waters (47%) passed guideline standards of the Directive whilst 95 (53%) failed the standards. Those failing the standards are listed in 1.1.4.

The DETR accepted a weather waiver for Weymouth Central and accordingly this bathing water was reported as compliant.

This represents a reduction in compliance compared to 1995 and 1996 but an improvement in compliance with previous years.

	1990	1991	1992	1993	1994	1995	1996	1997
Passing Guideline Stds.	77	45	69	60	71	88	94	85
Total Monitored	172	172	173	175	175	176	180	180
% compliance	45%	26%	40%	34%	41%	50%	52%	47%

The following table shows the number of bathing waters which passed Guideline standards for three consecutive seasons each year since 1992.

90,91,92	91,92,93	92,93,94	93,94,95	94,95,96	95,96,97
24	27	42	43	52	59

This analysis shows that there has been a steady improvement in the number of bathing waters which consistently achieve Guideline standard quality.

In 1996 there were 13 Blue Flags awarded to bathing waters in the South West. Of these 5 did not achieve Guideline compliance in 1997 and are likely to lose their Blue Flag status in 1998. These are,

Cornwall: Sennen Cove, Porthminster St Ives
Devon Torre Abbey
South Wessex Swanage Central, Durley Chine

1.1.3: Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Charmouth West	32200000	21300	1 in 20	2 in 20	24hr (5) = 51.1 mm 48hr (5) = 62.5 mm Rainfall at Lodgehouse Farm gauge (NGR SY 4020 9790) 24hrs preceding 25/06 was 21.8 mm 48hrs preceding 25/06 was 21.8 mm 24hrs preceding 04/08 was 9.8 mm 48hrs preceding 04/08 was 11.6 mm	25/06/97 & 04/08/97 General contamination of River Char, due to unidentified domestic and agricultural sources, believed to be the cause. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.
Christchurch (Avon Beach)	32706000	18800	3 in 20	3 in 20	24hr (5) = 44.7 mm 48hr (5) = 54.1 mm Rainfall at Bisterne gauge (NGR SU 1520 0070) 24hrs preceding 12/06 was 0.9 mm 48hrs preceding 12/06 was 17.9 mm 24hrs preceding 27/06 was 7.0 mm 48hrs preceding 27/06 was 22.8 mm Rainfall at New Milton gauge (NGR SZ 2330 9570) 24hrs preceding 26/08 was 8.3 mm 48hrs preceding 26/08 was 10.3 mm	12/06/97, 27/06/97 & 26/08/97 Impact of ebb plume from Christchurch Harbour following rainfall events. Discharges from Christchurch and Holdenhurst STWs implicated. Planned improvements (including UV at Christchurch) at these works during 1998. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to any of the dates.
Christchurch (Friars Cliff)	32708000	18750	1 in 20	2 in 20	24hr (5) = 46.0 mm 48hr (5) = 55.6 mm Rainfall at Bisterne gauge (NGR SU 1520 0070) 24hrs preceding 12/06 was 0.9 mm 48hrs preceding 12/06 was 17.9 mm Rainfall at New Milton gauge (NGR SZ 2330 9570) 24hrs preceding 26/08 was 8.3 mm 48hrs preceding 26/08 was 10.3 mm	12/06/97 & 26/08/97 Impact of ebb plume from Christchurch Harbour following rainfall events. Discharges from Christchurch and Holdenhurst STWs implicated. Planned improvements (including UV at Christchurch) at these works during 1998. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.

Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Combe Martin	ECB1080	34700	0 in 20	2 in 20	24hr (5) = 54.0 mm 48hr (5) = 67.8 mm Rainfall at Combe Martin gauge (NGR SS 5904 4680) 24hrs preceding 07/08 was 12.7 mm 48hrs preceding 07/08 was 40.9 mm 24hrs preceding 18/09 was 0 mm 48hrs preceding 18/09 was 0 mm	07/08/97 High intensity rainfall during preceding 2 days. Combe Martin exceedences usually result from the River UMBER, but it does not appear to be implicated this time. Outfall not believed to be the cause, therefore cause unknown. 18/09/97 Contamination from River UMBER. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.
East Looe	ECB0470	27000	2 in 20	2 in 20	24hr (5) = 54.4 mm 48hr (5) = 68.9 mm Rainfall at 3 Beacon Park gauge (NGR SX 2060 5490) 24hrs preceding 02/07 was 0.4 mm 48hrs preceding 02/07 was 1.2 mm 24hrs preceding 03/08 not available 48hrs preceding 03/08 not available	02/07/97 & 03/08/97 Both exceeding samples collected circa low water. Detailed investigation not yet complete but likely impacts from sewerage system, storm overflows and STW. Improvements to Looe STW planned for 1998. Regarding 02/07, rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable. Regarding 03/08, rainfall levels not available for 01/08 or 02/08, only an accumulated 72hr value for 03/08 of 40.8 mm which is not in excess of the 1 in 5 year value, therefore waiver not applicable.
Goodrington	ECB0240	24200	1 in 20	3 in 20	24hr (5) = 55.47 mm 48hr (5) = 67.84 mm Rainfall at Paignton Clennon Valley (NGR SX 8880 5930) Rainfall preceding 11/06 unrecorded 24hrs preceding 06/08 was 24.8mm 48hrs preceding 06/08 was 33.9mm 24hrs preceding 03/09 not available 48hrs preceding 03/09 not available	11/06/97, 06/08/97 & 03/09/97 Impact of Goodrington Stream, believed to be related to heavy rainfall and CSO operation. Possibility of contribution from surcharging manhole at Grange Court. Rainfall data not available for exceedences on 11/06 and 03/09, but rainfall during 24 and 48 hrs preceding 06/08 not in excess of 1 in 5 year values, therefore waiver not applicable.

Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Ilfracombe (Capstone)	ECB1071	34500	2 in 20	4 in 20	Rainfall data not examined as too many exceedences for a weather waiver to make a difference to compliance.	04/07/97, 24/07/97, 07/08/97 & 15/09/97 All four exceedences primarily caused by Wilder Brook. However, first three exceedences also potentially affected by known spills from the Cheyne Attenuation Tank CSO. There is another consented CSO to the brook, which can operate in heavy rainfall.
Instow	ECB1030	34000	3 in 20	6 in 20	Rainfall data not examined as too many exceedences for a weather waiver to make a difference to compliance.	21/05/97, 03/07/97, 10/08/97, 30/08/97, 03/09/97 & 09/09/97 All exceedences caused by discharges to Taw-Torridge Estuary. UV due to be installed at Ashford at the end of October 1997. Yelland STW and Bideford Fine Screen Installation major contributors. Cornborough Cliffs scheme due 1999.
Lyme Regis (Church)	ECB0011	21400	1 in 21	3 in 21	24hr (5) = 52.0 mm 48hr (5) = 63.3 mm Rainfall at Pinhay gauge (NGR SX 3150 9130) 24hrs preceding 21/07 was 0 mm 48hrs preceding 21/07 was 0 mm 24hrs preceding 12/08 was 0 mm 48hrs preceding 12/08 was 0 mm 24hrs preceding 29/09 was 0 mm 48hrs preceding 29/09 was 0 mm	21/07/97 & 29/09/97 River Lim believed to be the cause. 12/08/97 River Lim probably the cause. Operation of UV at STW unknown. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to any of the dates.
Lynmouth	ECB1090	34800	1 in 20	2 in 20	24hr (5) = 63.7 mm 48hr (5) = 79.5 mm Rainfall at Glen Lyn gauge (NGR SX 7237 4933) 24hrs preceding 08/05 was 1.4mm 48hrs preceding 08/05 was 1.4mm 24hrs preceding 01/08 was 0.7mm 48hrs preceding 01/08 was 0.7mm	08/05/97 Sampled around low water. Caused by old crude outfall, before the commissioning of the new STW and outfall at the end of May 1997. 01/08/97 Suspected to be caused by River Lyn, possibly due to operation of CSOs following heavy rainfall. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.

Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Maen Porth	ECB0620	28800	0 in 20	2 in 20	24hr (5) = 54.2 mm 48hr (5) = 67.8 mm Rainfall at Falmouth gauge (NGR SW 8020 3230) 24hrs preceding 19/06 was 0 mm 48hrs preceding 19/06 was 0.3 mm 24hrs preceding 25/06 was 0.3 mm 48hrs preceding 25/06 was 0 mm	19/06/97 & 25/06/97 Stream inputs. Possible contribution from Pennance point outfall. Exact cause not known - full investigation scheduled for 1998. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.
Plymouth Hoe (West)	ECB0421	26500	0 in 20	2 in 20	24hr (5) = 55.9 mm 48hr (5) = 70.0 mm Rainfall at Maristow Gardens gauge (NGR SX 4740 6400) 24hrs preceding 31/07 was 0 mm 48hrs preceding 31/07 was 3.3 mm 24hrs preceding 29/08 was 13.6 mm 48hrs preceding 29/08 was 20.7 mm	31/07/97 & 29/08/97 West Hoe outfall. STW (secondary treatment and UV) due for completion during 1998. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.
Readymoney Cove	ECB0480	27100	0 in 20	2 in 20	24hr (5) = 52.7 mm 48hr (5) = 66.0 mm Rainfall at Restormel gauge (NGR SX 0960 6240) 24hrs preceding 03/08 was 3.2 mm 48hrs preceding 03/08 was 3.2 mm 24hrs preceding 26/08 was 0.2 mm 48hrs preceding 26/08 was 0.2 mm	03/08/97 & 26/08/97 Cause unknown. May be rainfall related. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable to either date.

Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Teignmouth (Holcombe)	ECB0111	22700	2 in 20	3 in 20	24hr (5) = 51.0 mm 48hr (5) = 62.0 mm Rainfall at Den Gardens gauge (NGR SX 9410 7280) 24hrs preceding 16/05 was 0 mm 48hrs preceding 16/05 was 0.9 mm 24hrs preceding 06/08 was 21.9 mm 48hrs preceding 06/08 was 25.1 mm 24hrs preceding 08/08 was 6.7 mm 48hrs preceding 08/08 was 13.2 mm	16/05/97 Operational problems at pumping station. CSO discharges and the impact of the stream are implicated (latter also applies to 06/08/97 exceedence). Improvements to CSOs planned during AMP2 period. 06/08/97 & 08/08/97 exceedences linked to high intensity rainfall. Rainfall not in excess of 1 in 5 year value, therefore waiver not applicable to any of the dates.
Trevaunance Cove	ECB0830	31700	1 in 20	2 in 21	24hr (5) = 49.7 mm 48hr (5) = 62.0 mm 72hr (5) = 71.3 mm Rainfall at St Agnes gauge (NGR SX 7210 5060) 24hrs preceding 28/07 was 0.2 mm 48hrs preceding 28/07 was 0.2 mm 24hrs preceding 06/08 was 0 mm 48hrs preceding 06/08 was 36.5 mm 72hrs preceding 06/08 was 89.7 mm	28/07/97 A manhole surcharged and spilled to the stream. Repairs to blocked sewer made the next day. Rainfall during preceding 24 and 48 hrs not in excess of 1 in 5 year values, therefore waiver not applicable. 06/08/97 A rising main burst in the early hours of 6/8 resulting in a discharge from a pumping station emergency overflow to the stream entering the bathing water. Although no rainfall was recorded in the catchment on 06/8 or 05/8, heavy rainfall was recorded on 03/8 and 04/8. As a result the total rainfall recorded at St Agnes gauge during the 72hr period preceding 06/08 (89.7 mm) was in excess of 1 in 5 year rainfall event (71.3 mm). Although a weather waiver could apply therefore, the relationship between this rainfall, the operational sewerage problems and contamination of the bathing water is unknown.

Reasons For Failure Of EC Bathing Water Mandatory Standards At SW Region Bathing Waters During 1997

Bathing Water	Sampling point	DoE ref	Total coli exceeds	Faecal coli exceeds	Rainfall data	Reasons for exceedences/comments
Weston-S-M (Uphill Slipway)	58900900	35700	1 in 20	2 in 20	24hr (5) = 48.2 mm 48hr (5) = 58.3 mm Rainfall at St Georges gauge (NGR ST 3770 6300) 24hrs preceding 16/07 was 0.4 mm 48hrs preceding 16/07 was 1.0 mm 24hrs preceding 29/07 was 0 mm 48hrs preceding 29/07 was 0 mm	16/07/97 & 29/07/97 First failure due to problems with chlorination at STW. Reason for second failure unknown. Scheme due by 1999 bathing season. Rainfall not in excess of 1 in 5 year value, therefore waiver not applicable to either date.

1.1.4: Summary Of Compliance Against Guideline Microbiological Standards.



Summary of Compliance against Guideline microbiological standards. Failing Sites.

Results are for 1997.

Site Code	NGR				Total Coliforms	Feacal Coliforms	Faecal Streptococci
Cornwall Area		Identified Waters					
		Identified Waters					
B0885	SW8296 6278	PORTH BEACH NEWQUAY	1997		2 in 20	3 in 20	3 in 20 *
ECB0420	SX4783 5375	PLYMOUTH HOE (EAST)	1997		7 in 20 *	11 in 20 *	4 in 20 *
ECB0421	SX4750 5377	PLYMOUTH HOE (WEST)	1997		7 in 20 *	9 in 20 *	7 in 20 *
ECB0440	SX3147 5392	DOWNDERRY BEACH	1997		2 in 20	5 in 20 *	4 in 20 *
ECB0450	SX3037 5433	SEATON BEACH (CORNWALL)	1997		7 in 20 *	10 in 20 *	6 in 20 *
ECB0460	SX2684 5408	MILLENDREATH BEACH	1997		5 in 20 *	7 in 20 *	5 in 20 *
ECB0470	SX2570 5317	EAST LOOE BEACH	1997		7 in 20 *	12 in 20 *	7 in 20 *
ECB0480	SX1183 5108	READYMONEY COVE BEACH	1997		6 in 20 *	10 in 20 *	5 in 20 *
ECB0490	SX0928 5210	POLKERRIS BEACH	1997		2 in 20	8 in 20 *	3 in 20 *
ECB0500	SX0851 5314	PAR BEACH	1997		6 in 20 *	10 in 20 *	4 in 20 *
ECB0570	SX0133 4159	GORRAN HAVEN (LITTLE PERHAVER)	1997		4 in 20	9 in 20 *	3 in 20 *
ECB0580	SW9734 4129	PORTHLUNEY BEACH	1997		7 in 20 *	10 in 20 *	5 in 20 *
ECB0610	SW8032 3126	SWANPOOL BEACH	1997		8 in 20 *	10 in 20 *	2 in 20
ECB0620	SW7898 2957	MAEN PORTH BEACH	1997		8 in 20 *	15 in 20 *	8 in 20 *
ECB0630	SW7974 2326	PORTHALLOW BEACH	1997		9 in 20 *	11 in 20 *	7 in 20 *
ECB0650	SW7826 1840	COVERACK BEACH	1997		6 in 20 *	11 in 20 *	4 in 20 *
ECB0670	SW6686 1877	POLURRIAN COVE BEACH	1997		3 in 20	6 in 20 *	2 in 20
ECB0680	SW6653 1983	POLDHU COVE BEACH	1997		6 in 20 *	10 in 20 *	2 in 20
ECB0731	SW5134 3093	MOUNTS BAY-LITTLE HOGUS	1997		4 in 20	10 in 20 *	4 in 20 *
ECB0732	SW4865 3107	MOUNTS BAY-HELIPORT	1997		3 in 20	5 in 20 *	3 in 20 *
ECB0734	SW4734 2983	MOUNTS BAY-PENZANCE	1997		2 in 20	4 in 20	3 in 20 *
ECB0735	SW4678 2944	MOUNTS BAY-WHERRYTOWN	1997		4 in 20	10 in 20 *	4 in 20 *
ECB0750	SW3556 2640	SENNEN BEACH	1997		1 in 20	5 in 20 *	0 in 20
ECB0780	SW5206 4008	PORTHMINSTER BEACH ST.IVES	1997		2 in 20	6 in 20 *	2 in 20
ECB0830	SW7222 5162	TREVAUNANCE COVE BEACH	1997		5 in 20 *	10 in 21 *	6 in 21 *
ECB0841	SW7595 5580	PERRANPORTH (PENHALE SANDS) BEACH	1997		2 in 20	4 in 20	3 in 20 *
ECB0850	SW7652 5940	HOLYWELL BAY BEACH	1997		2 in 20	6 in 21 *	7 in 21 *
ECB0860	SW7847 6080	CRANTOCK BEACH	1997		2 in 20	6 in 20 *	4 in 20 *

* Fails against the Guideline standards for the Bathing Water Directive. Compliance assessed using 80% lookup table for Coliform results and 90% lookup table for Faecal Streptococci.

Total Coliform and Faecal Coliform results for identified waters are for confirmed results for all data since 1 May 1992. All other results are presumptive except where confirmed results are available.



Summary of Compliance against Guideline microbiological standards. Failing Sites.

Results are for 1997.

Site Code	NGR				Total Coliforms		Feacal Coliforms		Faecal Streptococci	
Cornwall Area		Identified Waters								
ECB0880	SW8100 6215	TOWAN BEACH	NEWQUAY	1997	2	in 20	5	in 20 *	3	in 20 *
ECB0900	SW8483 6747	MAWGAN PORTH BEACH		1997	5	in 20 *	6	in 20 *	4	in 20 *
ECB0950	SW8915 7602	TREVONE BAY BEACH		1997	4	in 20	7	in 20 *	1	in 20
ECB0960	SW9378 7578	ROCK BEACH		1997	3	in 20	10	in 20 *	2	in 20
ECB0980	SW9360 7907	POLZEATH BEACH		1997	3	in 20	4	in 20	3	in 20 *
ECB1000	SS2038 0662	BUDE (SUMMERLEAZE) BEACH		1997	2	in 20	5	in 20 *	3	in 20 *
Devon Area		Identified Waters								
B1072	SS5145 4780	ILFRACOMBE (TUNNELS) BEACH		1997	2	in 20	5	in 20 *	0	in 20
ECB0010	SY3390 9185	LYME REGIS (COBB) BEACH		1997	3	in 20	10	in 20 *	4	in 20 *
ECB0011	SY3436 9212	LYME REGIS (CHURCH) BEACH		1997	9	in 21 *	13	in 21 *	13	in 22 *
ECB0020	SY2450 8985	SEATON BEACH (DEVON)		1997	5	in 20 *	8	in 20 *	4	in 20 *
ECB0030	SY2315 8910	BEER BEACH		1997	4	in 20	6	in 20 *	4	in 20 *
ECB0040	SY1266 8720	SIDMOUTH (TOWN) BEACH		1997	6	in 20 *	7	in 20 *	5	in 20 *
ECB0041	SY1190 8695	SIDMOUTH (JACOBS LADDER) BEACH		1997	2	in 20	6	in 20 *	4	in 20 *
ECB0050	SY0972 8515	LADRAM BAY BEACH		1997	5	in 20 *	10	in 20 *	7	in 21 *
ECB0060	SY0686 8190	BUDLEIGH SALTERTON BEACH		1997	3	in 20	6	in 20 *	4	in 21 *
ECB0070	SY0330 7980	SANDY BAY BEACH		1997	2	in 20	9	in 20 *	0	in 20
ECB0080	SY0092 7998	EXMOUTH BEACH		1997	3	in 20	6	in 20 *	2	in 20
ECB0100	SX9655 7680	DAWLISH (TOWN) BEACH		1997	7	in 20 *	10	in 20 *	5	in 20 *
ECB0101	SX9611 7604	DAWLISH (CORYTON COVE) BEACH		1997	5	in 21 *	7	in 21 *	3	in 21 *
ECB0110	SX9428 7280	TEIGNMOUTH (TOWN) BEACH		1997	4	in 20	10	in 20 *	7	in 20 *
ECB0111	SX9565 7461	TEIGNMOUTH (HOLCOMBE) BEACH		1997	5	in 20 *	13	in 20 *	7	in 20 *
ECB0120	SX9360 7230	SHALDON BEACH		1997	5	in 21 *	7	in 20 *	6	in 21 *
ECB0150	SX9262 6730	WATCOMBE BEACH		1997	2	in 20	3	in 20	3	in 20 *
ECB0170	SX9300 6545	BABBACOMBE BEACH		1997	2	in 20	5	in 20 *	0	in 20
ECB0210	SX9095 6362	TORRE ABBEY BEACH		1997	3	in 19	4	in 19 *	2	in 19
ECB0220	SX8980 6215	HOLLICOMBE BEACH		1997	2	in 20	4	in 20	3	in 20 *
ECB0230	SX8939 6063	PAIGNTON (PAIGNTON SANDS)		1997	3	in 20	7	in 20 *	7	in 20 *
ECB0231	SX8960 6167	PAIGNTON (PRESTON SANDS)		1997	4	in 20	7	in 20 *	6	in 20 *

* Fails against the Guideline standards for the Bathing Water Directive. Compliance assessed using 80% lookup table for Coliform results and 90% lookup table for Faecal Streptococci.

Total Coliform and Faecal Coliform results for identified waters are for confirmed results for all data since 1 May 1992. All other results are presumptive except where confirmed results are available.



Summary of Compliance against Guideline microbiological standards. Failing Sites.

Results are for 1997.

Site Code	NGR			Total Coliforms	Faecal Coliforms	Faecal Streptococci
Devon Area		Identified Waters				
ECB0240	SX8932 5930	GOODRINGTON BEACH	1997	5 in 20 *	11 in 20 *	7 in 20 *
ECB0250	SX8970 5745	BROADSANDS BEACH	1997	1 in 20	4 in 20	4 in 20 *
ECB0270	SX9320 5501	ST.MARY'S BAY BEACH	1997	4 in 20	6 in 20 *	5 in 20 *
ECB0280	SX8870 5030	DARTMOUTH CASTLE AND SUGERY COVE	1997	2 in 20	6 in 21 *	1 in 21
ECB0301	SX8235 4200	SLAPTON SANDS (TORCROSS)	1997	3 in 20	5 in 20 *	4 in 20 *
ECB0320	SX7310 3820	SALCOMBE NORTH SANDS	1997	3 in 21	5 in 23 *	4 in 22 *
ECB0330	SX7285 3775	SALCOMBE SOUTH SANDS	1997	4 in 20	7 in 21 *	3 in 21 *
ECB0360	SX6623 4380	BANTHAM BEACH	1997	3 in 20	6 in 22 *	4 in 22 *
ECB0370	SX6510 4415	BIGBURY-ON-SEA (SOUTH) BEACH	1997	4 in 20	5 in 20 *	1 in 20
ECB0390	SX6105 4734	MOTHECOMBE BEACH	1997	4 in 20	5 in 20 *	1 in 20
ECB1020	SS4325 2940	WESTWARD HO! BEACH	1997	5 in 20 *	8 in 20 *	4 in 20 *
ECB1030	SS4717 3044	INSTOW BEACH	1997	11 in 20 *	14 in 20 *	8 in 20 *
ECB1070	SS5355 4792	ILFRACOMBE (HELE) BEACH	1997	5 in 20 *	12 in 20 *	7 in 20 *
ECB1071	SS5182 4790	ILFRACOMBE (CAPSTONE) BEACH	1997	12 in 20 *	19 in 20 *	12 in 20 *
ECB1080	SS5772 4732	COMBE MARTIN BEACH	1997	10 in 20 *	14 in 20 *	12 in 20 *
ECB1090	SS7250 4975	LYNMOUTH BEACH	1997	3 in 20	15 in 20 *	5 in 20 *
N.Wessex Area		Identified Waters				
50900100	SS8640 4790	PORLOCK WEIR	1997	3 in 20	6 in 20 *	5 in 20 *
50900400	SS9730 4650	MINEHEAD TERMINUS	1997	6 in 20 *	12 in 20 *	8 in 20 *
50900560	SS9970 4550	DUNSTER NORTH WEST	1997	7 in 20 *	16 in 20 *	10 in 20 *
50900700	ST0230 4350	BLUE ANCHOR WEST	1997	6 in 20 *	17 in 20 *	14 in 20 *
58900200	ST3020 4880	BURNHAM JETTY	1997	12 in 20 *	16 in 20 *	16 in 20 *
58900500	ST2920 5430	BERROW NORTH OF UNITY FARM	1997	8 in 20 *	10 in 20 *	16 in 20 *
58900600	ST2960 5650	BREAN	1997	3 in 20	6 in 20 *	10 in 20 *
58900900	ST3120 5880	WESTON SUPER MARE UPHILL SLIPWAY	1997	4 in 20	11 in 20 *	13 in 20 *
58901210	ST3160 6070	WESTON SUPER MARE MAIN	1997	7 in 20 *	12 in 20 *	12 in 20 *
58901600	ST3280 6350	WESTON SUPER MARE SAND BAY	1997	5 in 20 *	8 in 20 *	11 in 20 *
58902100	ST3970 7130	CLEVEDON BEACH	1997	10 in 20 *	14 in 20 *	7 in 20 *

* Fails against the Guideline standards for the Bathing Water Directive. Compliance assessed using 80% lookup table for Coliform results and 90% lookup table for Faecal Streptococci.

Total Coliform and Faecal Coliform results for identified waters are for confirmed results for all data since 1 May 1992. All other results are presumptive except where confirmed results are available.



Summary of Compliance against Guideline microbiological standards. Failing Sites.

Results are for 1997.

Site Code	NGR			Total Coliforms	Feacal Coliforms	Faecal Streptococci
S. Wessex Area		Identified Waters				
32200000	SY3626 9305	CHARMOUTH WEST	1997	7 in 20 *	6 in 20 *	5 in 20 *
32310000	SY6730 7726	PORTLAND HARBOUR SANDSFOT CASTLE	1997	2 in 20	3 in 20	3 in 20 *
32311000	SY6756 7750	PORTLAND HARBOUR CASTLE COVE	1997	1 in 20	3 in 20	8 in 20 *
32406000	SY8247 7995	LULWORTH COVE	1997	4 in 20	7 in 20 *	4 in 20 *
32420000	SZ0310 7930	SWANAGE CENTRAL	1997	3 in 20	3 in 20	3 in 20 *
32507000	SZ0785 9030	DURLEY CHINE	1997	2 in 20	4 in 20	3 in 20 *
32530000	SY9832 9040	POOLE HARBOUR LAKE	1997	1 in 20	3 in 20	4 in 20 *
32533000	SY9720 9080	POOLE HARBOUR ROCKLEY SANDS	1997	1 in 20	5 in 20 *	3 in 20 *
32604000	SZ0885 9065	BOURNEMOUTH PIER	1997	4 in 20	6 in 20 *	4 in 20 *
32612000	SZ1120 9112	BOURNEMOUTH BOSCOMBE PIER	1997	2 in 20	10 in 20 *	1 in 20
32706000	SZ1888 9223	CHRISTCHURCH AVON BEACH	1997	7 in 20 *	9 in 20 *	5 in 20 *
32708000	SZ1920 9252	CHRISTCHURCH FRIARS CLIFF	1997	6 in 20 *	6 in 20 *	1 in 20
32710000	SZ2000 9290	CHRISTCHURCH HIGHCLIFFE CASTLE	1997	6 in 20 *	7 in 20 *	3 in 20 *

* Fails against the Guideline standards for the Bathing Water Directive. Compliance assessed using 80% lookup table for Coliform results and 90% lookup table for Faecal Streptococci.

Total Coliform and Faecal Coliform results for identified waters are for confirmed results for all data since 1 May 1992. All other results are presumptive except where confirmed results are available.

1.2: Historic Bathing Water Compliance (Mandatory Standards)

SOUTH WESSEX AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
CHARMOUTH WEST	32200000	32200000	SY3626 9305	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail
SEATOWN	32206000	32206000	SY4187 9170	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
EYPEMOUTH	32210000	32210000	SY4468 9100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WEST BAY (WEST)	32214000	32214000	SY4590 9046	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
RINGSTEAD BAY	32248000	32248000	SY7519 8132	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CHURCH OPE COVE	32307000	32307000	SY6976 7100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTLAND HARBOUR SANDSFOOT	32310000	32310000	SY6730 7726	Pass	Pass	Fail	Fail	Pass	Pass	Pass	Pass
PORTLAND HARBOUR CASTLE COVE	32311000	32311000	SY6756 7750	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WEYMOUTH CENTRAL	32320000	32320000	SY6810 7940	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WEYMOUTH LODMOOR	32324000	32324000	SY6882 8078	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BOWLEAZE COVE	32328000	32328000	SY7026 8189	Pass	Pass	Pass	Pass	Pass	Pass	Fail	Pass
DURDLE DOOR WEST	32400000	32400000	SY8046 8026	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DURDLE DOOR EAST	32401000	32401000	SY8066 8026	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
LULWORTH COVE	32406000	32406000	SY8247 7995	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
KIMMERIDGE BAY	32410000	32410000	SY9070 7905	Pass	Pass	Pass	Fail	Fail	Pass	Pass	Pass
SWANAGE CENTRAL	32420000	32420000	SZ0310 7930	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
STUDLAND KNOLL HOUSE	32428000	32428000	SZ0348 8353	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SHELL BAY NORTH	32434000	32434000	SZ0370 8660	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POOLE SHORE ROAD SANDBANKS	32502000	32502000	SZ0510 8830	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DURLEY CHINE	32507000	32507000	SZ0785 9030	No Data	No Data	Pass	Pass	Pass	Pass	Pass	Pass
POOLE HARBOUR SANDBANKS	32520000	32520000	SZ0490 8850	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POOLE HARBOUR LAKE	32530000	32530000	SY9832 9040	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POOLE HARBOUR ROCKLEY SANDS	32533000	32533000	SY9720 9080	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BOURNEMOUTH PIER	32604000	32604000	SZ0885 9065	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BOURNEMOUTH BOSCOMBE PIER	32612000	32612000	SZ1120 9112	No Data	Pass	Pass	Fail	Pass	Pass	Pass	Pass
BOURNEMOUTH FISHERMANS WALK	32616000	32616000	SZ1280 9130	No Data	No Data	No Data	Pass	Pass	Pass	Pass	Pass
BOURNEMOUTH HENGISTBURY EAST	32622000	32622000	SZ1700 9060	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CHRISTCHURCH MUDEFORD SANDBANK	32702000	32702000	SZ1830 9110	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CHRISTCHURCH AVON BEACH	32706000	32706000	SZ1888 9223	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail
CHRISTCHURCH FRIARS CLIFF	32708000	32708000	SZ1920 9252	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail
POOLE SANDBANKS CAR PARK	32503000	32503000	SZ04208720	No Data	No Data	Pass*	Pass*	Pass*	Pass*	No Data	Pass
CHRISTCHURCH HIGHCLIFFE CASTLE	32710000	32710000	SZ2000 9290	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

*Non Designated

NORTH WESSEX AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
PORLOCK WEIR	50900100	50900100	SS8640 4790	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
MINEHEAD TERMINUS	50900400	50900400	SS9730 4650	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DUNSTER NORTH WEST	50900560	50900560	SS9970 4550	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BLUE ANCHOR WEST	50900700	50900700	ST0230 4350	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
BURNHAM JETTY	58900200	58900200	ST3020 4880	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BERROW NORTH OF UNITY FARM	58900500	58900500	ST2920 5430	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BREAN	58900600	58900600	ST2960 5650	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WESTON SUPER MARE UPHILL SLIPWAY	58900900	58900900	ST3120 5880	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Fail
WESTON SUPER MARE MAIN	58901210	58901210	ST3160 6070	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass
WESTON SUPER MARE SAND BAY	58901600	58901600	ST3280 6350	Pass	Pass	Pass	Fail	Pass	Fail	Pass	Pass
CLEVEDON BEACH	58902100	58902100	ST3970 7130	Pass	Fail	Fail	Fail	Pass	Fail	Pass	Pass

DEVON AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
LYME REGIS (CHURCH) BEACH	ECB0011	70114403	SY3436 9212	Fail	Fail	Fail	Closed	Closed	Pass	Pass	Fail
LYME REGIS (COBB) BEACH	ECB0010	70114448	SY3390 9185	Pass	Pass	Fail	Pass	Closed	Pass	Pass	Pass
SEATON BEACH (DEVON)	ECB0020	70214510	SY2450 8985	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BEER BEACH	ECB0030	70214515	SY2315 8910	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
SIDMOUTH (TOWN) BEACH	ECB0040	70314528	SY1266 8720	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
SIDMOUTH (JACOBS LADDER) BEACH	ECB0041	70314532	SY1190 8695	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
LADRAM BAY BEACH	ECB0050	70414504	SY0972 8515	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BUDLEIGH SALTERTON BEACH	ECB0060	70414533	SY0686 8190	Pass	Pass	Pass	Fail	Fail	Pass	Pass	Pass
DAWLISH WARREN BEACH	ECB0090	70510103	SX9826 7876	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
EXMOUTH BEACH	ECB0080	70510107	SY0092 7998	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
SANDY BAY BEACH	ECB0070	70514511	SY0330 7980	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
DAWLISH (TOWN) BEACH	ECB0100	70514549	SX9655 7680	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
DAWLISH (CORYTON COVE) BEACH	ECB0101	70514559	SX9611 7604	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TEIGNMOUTH (HOLCOMBE) BEACH	ECB0111	70514578	SX9565 7461	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Fail
SHALDON BEACH	ECB0120	70610131	SX9360 7230	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
TEIGNMOUTH (TOWN) BEACH	ECB0110	70614633	SX9428 7280	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
NESS COVE	ECB0130	70614644	SX9385 7169	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
MAIDENCOMBE BEACH	ECB0140	70614683	SX9278 6850	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WATCOMBE BEACH	ECB0150	70614694	SX9262 6730	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ODDICOMBE BEACH	ECB0160	70614710	SX9265 6585	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DABBACOMBE BEACH	ECB0170	70614728	SX9300 6545	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
REDGATE BEACH	ECB0180	70614737	SX9350 6480	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
MEADFOOT BEACH	ECB0190	70614831	SX9305 6305	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BEACON COVE BEACH	ECB0200	70614847	SX9195 6307	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Closed
TORRE ABBEY BEACH	ECB0210	70614854	SX9095 6362	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
HOLLICOMBE BEACH	ECB0220	70614869	SX8980 6215	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PAIGNTON (PRESTON SANDS)	ECB0231	70614872	SX8960 6167	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PAIGNTON (PAIGNTON SANDS)	ECB0230	70614874	SX8939 6063	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
GOODRINGTON BEACH	ECB0240	70614882	SX8932 5930	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail

DEVON AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 - 1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
BROADSANDS BEACH	ECB0250	70614904	SX8970 5745	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
SHOALSTONE BEACH	ECB0260	70614944	SX9320 5662	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ST.MARY'S BAY BEACH	ECB0270	70614997	SX9320 5501	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DARTMOUTH CASTLE AND SUGERY COVE	ECB0280	70710124	SX8870 5030	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SALCOMBE NORTH SANDS	ECB0320	70811724	SX7310 3820	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
MILL BAY BEACH	ECB0310	70811731	SX7407 3816	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SALCOMBE SOUTH SANDS	ECB0330	70811736	SX7285 3775	Pass	Pass	Pass	Fail	Pass	Pass	Fail	Pass
BLACKPOOL SANDS	ECB0290	70814625	SX8550 4785	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SLAPTON SANDS (MONUMENT)	ECB0300	70814659	SX8290 4418	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SLAPTON SANDS (TORCROSS)	ECB0301	70814679	SX8235 4200	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
HOPE COVE BEACH	ECB0340	70814894	SX6755 3975	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
THURLESTONE (SOUTH) BEACH	ECB0350	70814905	SX6765 4170	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
THURLESTONE (NORTH) BEACH	ECB0351	70814915	SX6740 4210	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
BIGBURY-ON-SEA (SOUTH) BEACH	ECB0370	70814963	SX6510 4415	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BIGBURY-ON-SEA (NORTH) BEACH	ECB0371	70814974	SX6495 4430	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CHALLABOROUGH BEACH	ECB0380	70814980	SX6492 4480	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BANTHAM BEACH	ECB0360	70816005	SX6623 4380	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
MOTHECOMBE BEACH	ECB0390	70910108	SX6105 4734	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
HARTLAND QUAY BEACH	ECB1010	72815051	SS2230 2485	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
INSTOW BEACH	ECB1030	72910233	SS4717 3044	Fail	Fail	Fail	Fail	Fail	Pass	Pass	Fail
WESTWARD HO! BEACH	ECB1020	72915015	SS4325 2940	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SAUNTON SANDS	ECB1040	73015012	SS4455 3760	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CROYDE BAY BEACH	ECB1050	73015017	SS4347 3930	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
WOOLACOMBE (PUTSBOROUGH) BEACH	ECB1060	73015036	SS4475 4085	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass
WOOLACOMBE (VILLAGE) BEACH	ECB1061	73015038	SS4562 4370	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ILFRACOMBE (TUNNELS) BEACH	B1072	73115115	SS5145 4780	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ILFRACOMBE (CAPSTONE) BEACH	ECB1071	73115120	SS5182 4790	Fail	Pass	Fail	Fail	Pass	Fail	Fail	Fail
ILFRACOMBE (HELE) BEACH	ECB1070	73115135	SS5355 4792	Pass	Fail	Fail	Pass	Fail	Fail	Fail	Pass
COMBE MARTIN BEACH	ECB1080	73115166	SS5772 4732	Pass	Fail	Fail	Pass	Fail	Pass	Fail	Fail
LYNMOUTH BEACH	ECB1090	73215133	SS7250 4975	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Fail

CORNWALL AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
WEMBURY BEACH	ECB0400	81014770	SX5165 4853	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
BOVISAND BEACH	ECB0410	81210130	SX4926 5055	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
PLYMOUTH HOE (WEST)	ECB0421	81210295	SX4750 5377	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail
PLYMOUTH HOE (EAST)	ECB0420	81210340	SX4783 5375	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Pass
PORTWRINKLE BEACH	ECB0430	81214760	SX3596 5383	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DOWNDERRY BEACH	ECB0440	81314810	SX3147 5392	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SEATON BEACH (CORNWALL)	ECB0450	81314870	SX3037 5433	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
MILLENDREATH BEACH	ECB0460	81414810	SX2684 5408	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
EAST LOOE BEACH	ECB0470	81414820	SX2570 5317	Pass	Pass	Pass	Fail	Pass	Pass	Fail	Fail
READYMONEY COVE BEACH	ECB0480	81510150	SX1183 5108	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Fail
POLKERRIS BEACH	ECB0490	81614829	SX0928 5210	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PAR BEACH	ECB0500	81614842	SX0851 5314	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
CRINNIS (GOLFLINKS) BEACH	ECB0510	81714867	SX0633 5218	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CRINNIS (LEISURE CENTRE) BEACH	ECB0511	81714873	SX0555 5204	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CHARLESTOWN BEACH	ECB0520	81714886	SX0400 5155	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DUPORTH BEACH	ECB0521	81714901	SX0350 5121	Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTHPEAN BEACH	ECB0530	81714921	SX0323 5073	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PENTEWAN BEACH	ECB0540	81814815	SX0188 4677	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POLSTREATH BEACH	ECB0550	81814835	SX0173 4530	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORT MELLON BEACH	ECB0560	81814866	SX0156 4392	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
GORRAN HAVEN (LITTLE PERHAVER)	ECB0570	81814885	SX0133 4159	Fail	Pass	Pass	Pass	Pass	Pass	Fail	Pass
GORRAN HAVEN (VAULT) BEACH	ECB0571	81814904	SX0130 4093	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTHILUNEY BEACH	ECB0580	81814942	SW9734 4129	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
PENDOWER BEACH	ECB0590	81814989	SW8975 3812	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
GYLLYNGVASE BEACH	ECB0600	81914840	SW8094 3168	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SWANPOOL BEACH	ECB0610	81914861	SW8032 3126	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
MAEN PORTH BEACH	ECB0620	81914873	SW7898 2957	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Fail
PORTHALLOW BEACH	ECB0630	81914914	SW7974 2326	Pass	Fail	Pass	Fail	Fail	Fail	Fail	Pass
PORTHOUSTOCK BEACH	ECB0640	81914925	SW8077 2176	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
COVERACK BEACH	ECB0650	81914940	SW7826 1840	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
KENNACK SANDS	ECB0660	81914953	SW7340 1646	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POLURRIAN COVE BEACH	ECB0670	81915022	SW6686 1877	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
POLDHU COVE BEACH	ECB0680	81915046	SW6653 1983	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

CORNWALL AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
GUNWALLOE COVE BEACH	ECB0690	81915073	SW6536 2248	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTHLEVEN (WEST) BEACH	ECB0701	82014856	SW6295 2537	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
PRAA SANDS (EAST)	ECB0710	82114824	SW5847 2760	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PRAA SANDS (WEST)	ECB0711	82114828	SW5762 2808	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PERRAN SANDS	ECB0720	82114850	SW5398 2925	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
MOUNTS BAY-LITTLE HOGUS	ECB0731	82114893	SW5134 3093	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
MOUNTS BAY-HELIPORT	ECB0732	82114910	SW4865 3107	Fail	Fail	Pass	Fail	Fail	Pass	Pass	Pass
MOUNTS BAY-PENZANCE	ECB0734	82114960	SW4734 2983	Fail	Fail	Pass	Fail	Fail	Pass	Pass	Pass
MOUNTS BAY-WHEERRY TOWN	ECB0735	82114973	SW4678 2944	Fail	Fail	Fail	Fail	Fail	Pass	Pass	Pass
PORTHCURNO BEACH	ECB0740	82214920	SW3874 2225	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
SENNEN BEACH	ECB0750	82215005	SW3556 2640	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTHMEOR BEACH ST.IVES	ECB0760	82215270	SW5159 4084	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTHGWIDDEN BEACH ST.IVES	ECB0770	82215281	SW5208 4103	Fail	Fail	Pass	Fail	Fail	Fail	Pass	Pass
PORTHMINSTER BEACH ST.IVES	ECB0780	82215326	SW5206 4008	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
CARBIS BAY (STATION BEACH)	ECB0790	82215340	SW5282 3894	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CARBIS BAY (PORTH KIDNEY SANDS)	ECB0791	82215364	SW5462 3834	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
THE TOWANS (HAYLE) BEACH	ECB0800	82215391	SW5627 3945	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
THE TOWANS (GODREVY) BEACH	ECB0801	82215420	SW5818 4195	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTREATH BEACH	ECB0810	82315032	SW6535 4533	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PORTH TOWAN BEACH	ECB0820	82315083	SW6913 4890	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TREVAUNANCE COVE BEACH	ECB0830	82315140	SW7222 5162	Pass	Fail	Fail	Fail	Fail	Pass	Pass	Fail
PERRANPORTH (VILLAGE END) BEACH	ECB0840	82315201	SW7564 5470	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
PERRANPORTH (PENHALE SANDS) BEACH	ECB0841	82315220	SW7595 5580	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ROCK BEACH	ECB0960	82511846	SW9378 7578	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
HOLYWELL BAY BEACH	ECB0850	82514923	SW7652 5940	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CRANTOCK BEACH	ECB0860	82514949	SW7847 6080	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TOWAN BEACH NEWQUAY	ECB0880	82514969	SW8100 6215	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
GREAT WESTERN BEACH	B0882	82514988	SW8153 6187	No Data	No Data	Pass	Pass	No Data	No Data	Pass	Pass
FISTRAL BEACH NEWQUAY	ECB0870	82514993	SW7998 6213	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TOLCARNE BEACH (NEWQUAY)	B0883	82514997	SW8176 6205	No Data	No Data	Pass	Pass	No Data	No Data	Pass	Pass
LUSTY GLAZE	B0884	82515002	SW8238 6248	No Data	No Data	Pass	Pass	No Data	No Data	Pass	Pass
PORTH BEACH NEWQUAY	B0885	82515008	SW8296 6278	Fail	Fail	Pass	Fail	No Data	No Data	Pass	Pass
WATERGATE BEACH	ECB0890	82515037	SW8407 6486	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass

CORNWALL AREA EC BATHING WATERS DIRECTIVE HISTORIC COMPLIANCE - 1990 -1997

name	URN	NEW URN	SPT_NGR	1990	1991	1992	1993	1994	1995	1996	1997
MAWGAN PORTH BEACH	ECB0900	82515060	SW8483 6747	Fail	Fail	Pass	Fail	Pass	Pass	Fail	Pass
PORTHCOTHAN BEACH	ECB0905	82515105	SW8572 7206	No Data	No Data	Fail	Fail	Pass	Pass	Pass	Pass
TREYARNON BAY BEACH	ECB0910	82515133	SW8586 7396	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CONSTANTINE BAY BEACH	ECB0920	82515145	SW8589 7475	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
MOTHER IVEY'S BAY	ECB0930	82515179	SW8645 7594	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
HARLYN BAY BEACH	ECB0940	82515216	SW8772 7546	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TREVONE BAY BEACH	ECB0950	82515237	SW8915 7602	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass
POLZEATH BEACH	ECB0980	82515254	SW9360 7907	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DAYMER BAY BEACH	ECB0970	82518034	SW9283 7760	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass
WIDEMOUTH SAND	ECB0990	82615153	SS1984 0240	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BUDE (CROOKLETS) BEACH	ECB1001	82615236	SS2026 0714	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
BUDE (SANDY MOUTH) BEACH	ECB1002	82615254	SS2016 0994	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
BUDE (SUMMERLEAZE) BEACH	ECB1000	82710102	SS2038 0662	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass

**SECTION 2: EC DANGEROUS SUBSTANCES
DIRECTIVE LIST I**

2.1: 1997 EC Dangerous Substances Directive List I : Non Compliance At National Network Sites

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
CARNON CONSOLIDATED MINES CLEMOWS VALLEY	81950522	Cadmium	This National Network site on the Carnon River has a long history of non-compliance. The main reason for the cadmium failure at this site stems from the high concentration of metalliferous inputs from the abandoned Wheal Jane mine and other historic mine workings. The designated downstream site at Bissoe Bridge, Baldu Stream, though compliant, was only borderline. The problems relating to these metal-rich inputs have been well documented.	There is currently an extensive long-term environmental management programme in place at Wheal Jane designed to minimise environmental pollution in the wake of the mine's closure. The proposals for future controls and treatment of the metalliferous inputs to the Carnon River are at present under review, and a report is due on these during 1998.
CALLINGTON STW	91252506	HCH	The exceedence for HCH at the National Network site downstream of Callington STW occurred on the 15-08-97. The treatment works final effluent is not consented for HCH and therefore was not sampled on the same day, making it more difficult to locate the source of the failure, which has not been linked to any reported pollution incident. There are no other known sources of HCH within the catchment.	Callington STW will be sampled for HCH on the next visit to the site. Investigative monitoring is to be carried out at three sample sites: downstream of the STW discharge (91252506), the STW final effluent (91252508), and upstream of the STW discharge (91252510), in order to assess the impact of Callington STW final effluent. This work is to be performed as part of a routine monthly sampling run. Further investigations may be carried out, depending on the results from these additional sites. Fieldwork will be conducted between April 1998 and December 1998, with a report being produced in 1999.

2.2: Historic Compliance List I

NORTH WESSEX AREA

Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
BATH SALTFOORD SEWAGE TREATMENT WORKS	01010803	01010706	ST68956886	Pass	Pass	Fail	Pass	Pass
DEVIZES SEWAGE TREATMENT WORKS	09390202	09390201	ST99416110	Pass	Pass	Fail	Pass	Pass
BRIDGWATER STW		52000029		Fail	Pass	Pass	Pass	Pass

CORNWALL AREA

Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
LOOE STW	WSTW4660FE	81410318	SX24405360	Pass	Pass	Fail	Pass	Pass
CARNON CONSOLIDATED MINES CLEMOWS VALLEY	P19E/P/17	81950555	SW77404170	Fail	Fail	Fail	Pass	Pass
CALLINGTON NEW STW (NATIONAL NETWORK SITE)	WSTW4535FE	91252506	SX34106890	Pass	Pass	Pass	Pass	Fail
CARNON CONSOLIDATED MINES CLEMOWS VALLEY (NATIONAL NETWORK SITE)	P19E/P/17	81950522	SW77404170	Fail	Fail	Fail	Fail	Fail

**SECTION 3: EC DANGEROUS SUBSTANCES
DIRECTIVE LIST II**

3.1 1997 EC Dangerous Substances Directive Compliance

3.1.1: 1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
CLATWORTHY FISH FARM	51000600	Copper/ Zinc	This sample site has experienced historic non-compliance against the Directive. A survey was undertaken to examine the causes of failure in 1995 which identified a natural occurrence of Copper and Zinc in the feeder streams to the reservoir and an Area Investigations Report was produced in December 1996. The report concluded that the non - compliance was due to the very low hardness of the River Tone at Clatworthy combined with the high background concentrations of Copper and Zinc caused by metalliferous deposits in the underlying geology.	No further action deemed necessary.
DUNKESWELL STW	70534922	Copper	This Copper non-compliance has not been linked to an reported pollution incident. Reasons for failure could include either an electroplating workshop on the nearby industrial site which discharges to the sewer. Additionally, the area surrounding the downstream sampling point has many marsh and ochre inputs. Previous biological surveys of this stretch that highlighted mayfly absence did not reveal any point source.	Copper will be included in the final effluent analysis for Dunkeswell STW and monitoring for this determinand will be initiated upstream of the works as well.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
DULVERTON STW	70581034	Copper	This non-compliant site situated downstream of Dulverton STW has not been linked to any reported pollution incident.	Copper will be included in the final effluent analysis for Dulverton STW and monitoring for this determinand will be initiated upstream of the works as well.
HEATHFIELD LANDFILL SITE	70630113	Copper/Zinc	This non-compliance has not been linked to any reported pollution incident. This sample site is situated in a naturally metalliferous catchment, Copper and Zinc are elevated due to the underlying Dartmoor granite and its associated metamorphic aureole (the mean Zinc concentration in 1997 at Chudleigh Bridge upstream of this site was 47.3 ug/l).	No further action deemed necessary.
HEATHFIELD STW	70641010	Copper / /Zinc	This sample site has a history of non-compliance. Concentrations of Copper and Zinc are naturally higher due to the catchment being associated with Dartmoor granite and associated metamorphic aureole (for example, the mean Zinc concentrations at Little Bovey, upstream of the sample site was 30 ug/l).	No further action deemed necessary.
BUCKFASTLEIGH STW	70720238	Copper	This non-compliance has not been linked with any reported pollution incident. There have been river works in the vicinity, as the STW outfall has been modified. The works have been extended primarily to improve quality of sanitary parameters. In addition, an active carbon filter is to be installed in the near future. The reason for failure is considered to be due to natural upstream conditions including a metalliferous catchment with low pH conditions.	A review of the consent at Buckfastleigh STW is in progress, but not concerning the failing determinand. No further action is deemed necessary at this stage.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
MELDON QUARRY	72940327	Copper /Zinc	This non-compliance issue has not been linked to any reported pollution incident, but is thought to stem from the effects of surface water discharge from Meldon Quarry to West Okemont. There are quarry workings upstream of the sample point and a periodic release of water from Meldon Reservoir. The specific source of non - compliance is considered to be from discharge from Meldon Quarry Adit and Red-A-Ven Stream.	Area propose a tightening of the consent to discharge for the quarry, together with improvements to the pre-treatment system prior to discharge.
SOUTH MOLTON STW	73060207	Copper	This non-compliance issue has not been linked to any reported pollution incident. The Copper concentrations measured are thought by Area to be largely due to the large number of abandoned copper mines upstream of the sample point.	In the light of this non-compliance, Copper will be monitored upstream of South Molton STW and in the works Final Effluent in order the highlight the possible role of the treatment works in the exceedences.
INTERNATIONAL PAINTS	81010103	Tributyltin	This site has a history of non-compliance against the Dangerous Substances Directive. The limit of detection of TBT must be improved in order to meet the 2 ng/l EQS. For TBT, the 100m and 250m sites would fail. However, this includes mainly less-than results.	Area recommends the reinstatement of the 100m and 250m sample points to the 1999 monitoring programme combined with the attainment of lower levels of detection by improved laboratory methodologies. It is also proposed to undertake some baseline monitoring using shellfish during 1998 and for the surface boil to be removed from the routine monitoring programme.
INTERNATIONAL PAINTS	81010106	Copper	This site has a history of non-compliance against the Dangerous Substances Directive. For dissolved Copper, the 100m and 250m sites comply.	No further action deemed necessary by the Area.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
INTERNATIONAL PAINTS	81010106	Tributyltin	This site has a history of non-compliance. The limit of detection of TBT must be improved in order to meet the 2 ng/l EQS. For TBT, the 100m and 250m sites would fail. However, this includes mainly less-than results.	Area recommends the reinstatement of the 100m and 250m sample points to the 1999 monitoring programme combined with the attainment of lower levels of detection by improved laboratory methodologies. It is also proposed to undertake some baseline monitoring using shellfish during 1998 and for the surface boil to be removed from the routine monitoring programme.
RADFORD STW	81111142	Tributyltin	This non-compliance issue stems from an LOD problem. It is difficult to ascertain whether the site fails the TBT EQS due when results include mainly less-than results. The limit of detection of TBT must be improved in order to meet the 2 ng/l EQS.	No further action deemed necessary by Area, other than improved levels of detection.
PLYMOUTH (ERNESETTLE)	81220143	Copper	The surface boil is the only site now sampled. There is no 1997 data on 100m and 250m sites. Area consider the surface boil site inappropriate as the discharge is to the intertidal zone.	Include 100m and 250m sampling points in the 1998 routine monitoring programme and analysed for the same suite as the surface boil site. The surface boil site is to be removed until discharge has been relocated to the sub-tidal zone. Monitoring frequency should be increased.
CROWDALE STW	81231155	Copper/ Zinc	This sample site has a history of non-compliance against the Dangerous Substance Directive. High natural levels of Copper and Zinc are thought to be the cause of failure. The site would comply with EC Freshwater Fish Directive Standards for dissolved Copper and total Zinc. The upstream site (81231171) would also fail the standards set by the Dangerous Substances Directive. However, data indicates that Crowndale STW is causing an increase in both Copper and Zinc downstream.	A report concerning the non-compliance at this site for Copper and Zinc in 1996 is to be completed in 1998. Area feel that pending the production of the above report, no further action is deemed necessary. However, they would like to see a resolution of the discrepancy between EC Dangerous Substances and EC Freshwater Fish Copper and Zinc standards.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
HINGSTON QUARRY	81250174	Copper	This sample site has a history of non-compliance, though these exceedences have not been linked to any reported pollution incident. There appears to be a seasonal trend, with non-compliance being skewed towards Summer and Autumn. Area data for Hingston Quarry discharge (Hingston Quarry is consented for total Copper) appears to show that the Total Copper concentrations do not match the high Total Copper results at the downstream sample site. The site has previously been investigated in 1994 (Regional Report INV/95/005) which concluded that most of the loading is due to historic metalliferous inputs.	It is proposed that the consent for Hingston Quarry is to be changed from Total Copper to Dissolved Copper. Monitoring frequency will be increased by Area with additional sites at Hingston Quarry discharge (81251450) and an upstream site above the quarry (81250164) to be included in routine runs and to include the same analysis as the failing downstream site.
ST. AUSTELL (MENAGWNS) STW	81810130	Copper	This sample site, downstream of St Austell (Menagwins) sewage treatment works, fails to comply with the Dangerous Substances Directive due to catchment geology. The downstream annual mean for Copper of 6.41 ug/l can be compared to the upstream mean concentration of 7.50 ug/l.	No further action deemed necessary by Area.
FALMOUTH OUTFALL	81914855	Tributyltin	This discharge will soon be redundant and replaced by the new Falmouth scheme.	Area recommend that surface boil, 100m and 250m samples are taken at the new Falmouth STW discharge point.
SOUTH CROFTY	82310160	Copper/ Zinc	This sample site has experienced historic compliance. The South Crofty discharge upstream will cease imminently. Detailed monitoring by Area to assess changes in water quality is ongoing.	Continue monitoring to assess improvement.
REDRUTH STW	82315060	Copper	This non-compliance stems from the Redruth (Portreath) crude outfall. The monitoring point 250m from the surface boil complied with standards, indicating that the impact is localised.	Continuation of the monitoring at the surface boil site, 100m and 250m from the outfall.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges (Excluding China Clay Discharges)

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
OLD CONCORD MINERALS	82311164	Copper/ Zinc	This site is to be removed from the Regional Dangerous Substances inventory. Concord Minerals ceased discharging at least 10 years ago and control is no longer within the powers of the Agency. The Redruth Stream is situated in an area of historic metalliferous mining and therefore metal failures are not unexpected and not controllable.	No further action deemed necessary.
ST AGNES STW	82528024	Copper/ Zinc	This sample site has a history of non-compliance. Area investigations (INV/95/002) have concluded that elevated metals are a catchment-wide problem, resulting from historic mining, geology, and low water hardness.	No further action deemed necessary.
WHEAL JANE CLEMOWS VALLEY	81950555	Copper/ Zinc	This site, downstream of Wheal Jane, has had chronic problems which are well documented concerning compliance with the Dangerous Substances Directive.	Continue monitoring to assess improvement. Decisions regarding the future treatment strategy are to be made later this year.
WHEAL JANE CLEMOWS VALLEY	81950704	Zinc	This site, on the Baldu Stream downstream of Wheal Jane, has had chronic problems which are well documented concerning compliance with the Dangerous Substances Directive.	Continue monitoring to assess improvement. Decisions regarding the future treatment strategy are to be made later this year.

3.1.2: 1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges - China Clay Discharges

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
INNES MOOR MICA LAGOON	81610558	Copper	This china clay site has experienced non-compliance in previous years. This dissolved Copper failure is marginal and thought to be due to natural background sources.	Investigative monitoring was undertaken during 1996 and 1997. A report is to be produced in 1998.
ROCK DRYERS 20/6	81611044	Copper/ pH/ Zinc	This china clay site has experienced non-compliance in previous years. The site itself is a discharge channel due to the only dilution stemming from the china clay workings themselves. This site is to be changed to the Rosevean Stream, though investigative monitoring has been carried out to further investigate this stream upstream of the discharge to identify further sources of low pH and dissolved Copper.	Investigative monitoring was undertaken during 1996 and 1997. A report is to be produced in 1998.
WHEAL HENRY	81611105	Copper/ Zinc	This china clay site has experienced non-compliance in previous years. The Copper and Zinc failures have been found to be due to the Wheal Henry discharge and additional upstream sources.	Investigative monitoring was undertaken during 1996 and 1997. A report is to be produced in 1998. It is recommended by Area that the monitoring site be changed to the Mollinis Stream in order to eliminate some of the additional upstream sources.
WHEAL PROSPER MICA DAM	81611182	Copper/ Zinc	This china clay site has experienced non-compliance in previous years (1995, 1996). Metal failures can be attributed to the catchment geology along with a degree of input from the Great Wheal Prosper discharge. Further investigations of the Carbis Stream upstream of the discharge in order to identify additional sources of zinc have now been carried out and the report is to be produced in 1998.	Investigative monitoring was undertaken during 1996 and 1997. A report is to be produced in 1998.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges - China Clay Discharges

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
KERNICK MICA DAM 7/24	81930210	Copper/ Zinc	This china clay site has a history of non-compliance. Area have recommended that the Kernick discharge upstream should be consented for Copper and Zinc. However, this discharge is not the sole cause of the failures: two further Dangerous Substances discharges lie further upstream in the catchment and background concentrations are known to exceed the standards laid down by the Directive.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.
MACLARENS	81930251	Copper/ Zinc	This china clay site has a history of non-compliance. Area recommended that Maclarens 1/1 should be consented for Copper and Zinc. Failures have been attributed to both upstream and background sources.	Investigative monitoring has been undertaken in 1996 and 1997 to establish the contribution of upstream sources. A report is to be produced by Area in 1998.
GOSVERSETH PLANT 12/4	81930961	Copper/ pH	In previous years, Copper failures at this site have been due to upstream sources in addition to the Gosverseth Plant discharge. Investigative work to locate possible sources of Copper, pH, and Zinc with reference to the Drinnick Power Station discharge (recommended on the basis of the 1996 return) has now almost been completed.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges - China Clay Discharges

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
DRINNICK POWER STATION 12/7	81930965	Copper /Zinc	In previous years, Copper/Zinc failures at this china clay sample site have been due to upstream sources in addition to the Gosverseth Plant discharge itself. Investigative work to locate possible sources of Copper, pH, and Zinc with reference to the Drinnick Power Station discharge (recommended on the basis of the 1996 return) has now almost been completed.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.
BURNGALLOW TUBE PRESS	81931085	Copper/ pH/ Zinc	This china clay sample site has a history of non-compliance. Area have recommended that the sample point is changed from its present location in what is essentially a drainage channel to NGR SW 9688 5185.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.
DUBBERS CP & 11/4	81931188	Copper /pH/ Zinc	This china clay site has been investigated. Investigation COR/97/018 (see 1996 return) concluded that the pH, Copper and Zinc failures were marginal and stemmed from natural background sources.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.
TREVISCOE DRYERS	81931395	Copper/ pH	This china clay sampling point has a history of non-compliance. This site is to be changed from its current position, which is effectively located within the discharge channel. Area recommend that the site be moved to Bodella Brook (81931250).	Investigative monitoring has been undertaken in 1996 and 1997.

1997 EC Dangerous Substances Directive List II : Non Compliance Downstream Of Registered Discharges - China Clay Discharges

DISCHARGE	SAMPLING POINT URN	SUBSTANCE	COMMENT	ACTION PLAN
STANNON STREAM D/S STANNON 37/1	82532369	Copper	This is a marginal non-compliance currently being investigated by Area.	Investigative monitoring has been undertaken in 1996 and 1997. A report is to be produced by Area in 1998.
LEE MOOR CP 38/6	81112220	Copper	This site has a history of non-compliance and is currently being investigated by Area.	Investigative monitoring was undertaken in 1996 and 1997. A report is due for completion in 1998.
SHAUGH LAKE EASTERN CONTROL	81120288	Copper/pH	This china clay sample site has a history of non-compliance. Earlier investigations carried out by Area concluded that Shaugh lake discharge had minimal impact upon the pH. Naturally acidic moorland drainage occurring upstream is likely to have contributed to Copper non-compliance.	Investigative monitoring for pH failure was undertaken in 1996 and 1997. (The failure for dissolved Copper was due to results all being less-thans and no action is proposed as a consequence by Area).

3.2: Update On 1996 Failures (Excluding China Clay Discharges)

DISCHARGE	URN	DET	PROGRESS REPORT
CARNON CONSOLIDATED (WHEAL JANE-CLEMONS VALLEY)	R19E003 - 81950555, R19E021 - 81950704	Copper pH Zinc	Failed in 1994 and 1995. As commented in previous years returns, the exceedences at these sites are the result of the discharges from the Wheal Jane mine complex. Trials of pilot treatment plant continue. Consent issues relating to standards and enforceability are still to be resolved. Recommendations for future treatment will be outlined later this year.
BODMIN (NANSTALLON/ST LAWRENCE) STW	R25BO19 - 82528024	Copper Zinc	Repeat failure. The reasons for failure have been attributed to various sources including the Tregullon Moor and the abandoned Tretoil mining area. This is highlighted in the report INV/95/002. Further investigation work has been carried out to accurately quantify the various sources in report COR/96/006.
HINGSTON QUARRY	P12E/P/6 - 81250174	Copper	This site is a repeat failure. Hingston Quarry produces only a small contribution of the copper loadings to the R. Tamar. Abandoned mine workings in the area are the significant source as explained in investigation INV/95/005. There is a current project in progress to catalogue metal inputs to the lower freshwater Tamar. Refer to 1997 return.
CROWDALE STW	R12C023 - 81250174	Copper Zinc	Repeat failure. High natural levels of copper and zinc in the river are believed to be the cause of these metal exceedences. Investigation in progress. Refer to 1997 return.
MELDON QUARRY	R29D030 - 72940327	Copper Zinc	The Red-A -Ven enters the West Okement upstream of Meldon and can contribute to high metals and low pH in the river. To date, Meldon Quarry has only been treating approximately half of its effluent as from July it will treating all the effluent, to comply with the new consent conditions being issued. Routine monitoring of the effluent continues.
HEATHFIELD STW	R06D004 - 70641010	Copper Zinc	Failed in 1994 and 1995. The 1994 investigations concluded the exceedences were caused by elevated metal levels from local geology. No further action. A recommendation is to apply for a standstill provision.

Update On 1996 Failures (Excluding China Clay Discharges)

DISCHARGE	URN	DET	PROGRESS REPORT
CLATWORTHY FISH FARM	51000600	Copper	This is a repeat failure. the investigation report NW1/96/79/ concluded that the cause was naturally high background levels. Metal concentrations are often higher at the Fish Farm inlet than the outlet. Apply for standstill position. The R. Tone at Clatworthy should be discontinued as an EC Dangerous Substances Directive site because the Fish Farm no longer has a metals condition on its consent and the failures were caused by natural processes. Further investigation work was undertaken to investigate the sources of Copper & Zinc to the reservoir, this concluded that high metals content of underlying soils in Brendon Hills was the source of the high background levels..
WALPOLE DROVE WASTE DISPOSAL	52001450	Copper	The leachate discharged from Walpole Drove is intermittent and discharge volumes are not known. There is to be an increase in sampling frequency and fieldwork inspections to monitor the leachate discharge. The monitoring site is R. Parrett Estuary at Burnham slipway. Copper is more likely to have originated from the Severn Estuary than Walpole; which is several miles away and, according to Pete McGillivray, has only a small discharge which did not contain significant quantities of copper during 1996 (although this has not been checked). This site may need to be reviewed.
BRAUNTON (VELATOR) OUTFALL	E30A12 - 73010821	Copper	Outfall still discharging to Caen Estuary (feb 97) situation will be reviewed once the discharge has ceased. The effluent is being monitored and no problems have been identified.
FALMOUTH (MIDDLE POINT) OUTFALL (100mm)	P19A/P/1 - 81910616	TBT Copper	Failed in 1994 and 1995. As commented previously, this is thought to be caused by use of TBT and copper based antifoulant paints in Falmouth Docks. The Environment Agency, South West Water and Falmouth Docks are to undertake a joint investigation to pinpoint the sources of TBT in the outfall catchment area. Refer to 1997 return.
DULVERTON STW	WSTW7580B - 70581034	Copper	This area has a past copper mining history and the exceedences are thought to be linked to this and not the STW. However, a risk assessment of water supply intakes is being carried out in conjunction with South West Water (SWW now have a licence to abstract from the Barle downstream of the discharge where it is pumped to a reservoir for storage, but the licence is not yet in routine use). Some hitherto unknown polluting sources may be revealed. The main discharge and the upstream site will be monitored, starting from April 1998.

3.2.1: Update On 1996 Failures - China Clay Discharges

DISCHARGE	URN	DET	PROGRESS REPORT
WHEAL HENRY 20/9	R16A011 - 81611105	Copper Zinc, pH	Final report in preparation.
WHEAL PROSPER MICA DAM	R16A018 - 81611182	Zinc	Final report in preparation.
INNESMOOR MICA LAGOON	R16A022 - 81610558	Copper Zinc	Final report in preparation.
ROCK DRIERS 20/6	R16A025 - 81611044	Copper pH, Zinc	The proposed new downstream site has been sampled at the wrong location. Fieldwork on the upstream problem has been completed Final report in preparation.
BLACKPOOL DRYERS 18/14	(R18A021 - 81810467	Copper Zinc, pH	Final report in preparation.
GOSVERSETH PLANT 12/14	R19C017 - 81930961	Copper Zinc, pH	Final report in preparation.
DRINNICK POWER STATION 12/7	R19C022 - 81930965	Zinc Copper pH	Final report in preparation.
BURNGALLOW DRIERS 13/7 and 13/7	R19C024 - 81931085	Zinc, pH Copper	Final report in preparation.
TRELAVOUR KILNS 7	R19C026 - 81931395	pH Copper	Final report in preparation.
MACLARENS 1/1	R19C029 - 81930251	Zinc Copper	Final report in preparation.
DUBBERS CATCH PIT AND DUBBERS PIT 11/4	R19C030 - 81931188	Zinc, pH Copper	Final report in preparation.
STANNON 37/1	R25B061 - 82532369	Copper Zinc	Final report in preparation.

3.3: Historic Compliance List II

NORTH WESSEX AREA								
Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
AVONMOUTH SEWAGE TREATMENT WORKS	20020153	20010127	ST51908070	Pass	Pass	Fail	Pass	Pass
CLATWORTHY FISH FARM	51000659	51000600	ST 0476 3100	Pass	Pass	Fail	Fail	Fail
DEVON AREA								
Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
GREAT TORRINGTON STW	WSTW3115F3	72920157		Fail	Pass	Fail	Pass	Pass
DEEP MOOR TIP	R29B028	72922091		Pass	Pass	Pass	Pass	Pass
HONITON STW	WSTW7646FE	70420211	ST 1516 0106	Pass	Pass	Pass	Fail	Pass
COUNTRESS WEAR STW	WSTW7594FE	70510457	SX94968907	Pass	Pass	Pass	Pass	Pass
EXMOUTH STW	WSTW7600FE1	70514505		Pass	Pass	Pass	Pass	Pass
DUNKESWELL STW	WSTW7584FE	70534922		Pass	Pass	Pass	Pass	Fail
DULVERTON STW	WSTW7580FE	70581034	SS 9170 2719	Pass	Fail	Fail	Fail	Fail
HEATHFIELD LANDFILL SITE TREATMENT UNIT	P06B/P/1	70630113	SX84607630	Fail	Fail	Pass	Pass	Fail
HEATHFIELD STW	WSTW6148FE	70641010	SX83837642	Fail	Fail	Fail	Fail	Fail
BUCKFASTLEIGH (KILBURY) STW	WSTW6034FE	70720238	SX76146580	Pass	Fail	Fail	Fail	Fail
MELDON QUARRY ADIT OKEHAMPTON	R29D223	72940327	SX56489293	Fail	Fail	Fail	Fail	Fail
BRAUNTON (VELATOR) STW	WSTW3038FE	73010827	SS48703520	Pass	Pass	Fail	Pass	Pass
SOUTH MOLTON STW	WSTW3280FE	73060207	SS 7222 2565	Fail	Fail	Fail	Pass	Fail
CORNWALL AREA								
Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
INTERNATIONAL PAINTS DISCHARGE 2	P10A/P/26	81010103	SX 5409 4797	Fail	Fail	Pass	Pass	Fail
INTERNATIONAL PAINTS DISCHARGE 1	P10A/P/20	81010106	SX 5410 4797	Pass	Fail	Fail	Pass	Fail
RADFORD STW	WSTW4726FE	81111142		Pass	Pass	Pass	Pass	Fail
PLYMOUTH ERNESETTLE	WSTW4724FE	81220143	SX 4460 6010	Pass	Pass	Fail	Pass	Fail
CROWDALE STW	WSTW4782FE	81231155	SX47207230	Pass	Pass	Fail	Fail	Fail
HINGSTON QUARRY	P12E/P/12	81250174	SX40507230	Fail	Fail	Fail	Fail	Pass
FALMOUTH DOCKYARD	P19A/P/1	81910635	SW 8195 3265	Pass	Fail	Fail	Pass	Pass
WHEAL JANE	R19E003	81950555		Pass	Pass	Fail	Pass	Fail
FALMOUTH MIDDLE POINT	OUT0420	81914855	SW 8260 3200	Pass	Pass	Pass	Pass	Fail

CORNWALL AREA

Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
SOUTH CROFTY PLANT AND MILL REDRUTH	P23A/P/7	82310160	SW66204080	Fail	Fail	Fail	Pass	Fail
CONCORD MINERAL PROCESSORS LTD	P23A/P/20	82311164	SW 6890 4470	Fail	Fail	Pass	Pass	Fail
CARNON CONSOLIDATED MINES CLEMOWS VALLEY	P19E/P/17	81950555	SW77404170	Fail	Fail	Fail	Fail	Fail
LOOE STW	WSTW4660FE	81410318	SX24405360	Pass	Pass	Fail	Pass	Pass
CAMBORNE NORTH CLIFFS OUTFALL	OUT0508	82315004	SW62154317	Pass	Pass	Fail	Pass	Pass
REDRUTH (PORTREATH) OUTFALL	OUT0579	82315062	SW 6609 4613	Pass	Fail	Pass	Pass	Fail
ST AGNES	WSTW0205FE	82315122		Pass	Pass	Pass	Pass	Fail
BODMIN (NANSTALLON/ST LAWRENCE) STW	WSTW1515FE	82528024	SX04336735	Fail	Fail	Pass	Fail	Pass

CORNWALL AREA EC DANGEROUS SUBSTANCES DIRECTIVE LIST II CHINA CLAY DISCHARGE HISTORIC COMPLIANCE - 1993-1997

Establishment Name	ESTNO	URN	SPT_NGR	1993	1994	1995	1996	1997
MELBUR PLANT 3/1	P19C/P/14	81930184		Fail	Pass	Fail	Pass	Pass
MELBUR DRIERS 7/9	P19C/P/15	81930184		Fail	Pass	Pass	Pass	Pass
DUBBERS PIT 11/4	P19C/P/53	81931188		Fail	Fail	Fail	Fail	Fail
DUBBERS CATCH PIT	P19C/P/82	81931188		Fail	Fail	Fail	Fail	Fail
LEE MOOR PLANT 38/6	P11A/P/14	81112220	SX 5620 6120	Pass	Fail	Fail	Fail	Fail
SHAUGH LAKE EASTERN CONTROL	P11B/P/9	81120288	SX 5580 6450	Fail	Fail	Fail	Fail	Fail
MOORSWATER DRIERS 34/2	P14B/P/1	81420280	SX 2340 6440	Fail	Fail	Pass	Pass	Pass
INNESMOOR MICA LAGOON	P16A/P/43	81610558	SX 0410 5650	Pass	Fail	Fail	Fail	Fail
ROCK DRIERS 20/6	P16A/P/7	81611044	SX 0270 5860	Fail	Fail	Fail	Fail	Fail
WHEAL HENRY 20/9	P16A/P/22	81611105	SX 0210 5890	Pass	Pass	Fail	Fail	Fail
WHEAL PROSPER MICA DAM	P16A/P/41	81611182	SX 0010 5910	Fail	Fail	Fail	Fail	Fail
BLACKPOOL DRIERS 18/14	P18A/P/21	81810304	SW 9890 5240	Fail	Fail	Fail	Fail	Pass
KERNICK MICA DAM 7/24	P19C/P/54	81930210	SW 9340 5490	Fail	Fail	Fail	Fail	Fail
MCCLARENS 1/1	P19C/P/26	81930251	SW 9270 5740	Fail	Fail	Fail	Fail	Fail
GOVERSETH PLANT 12/14	P19C/P/41	81930961	SW 9570 5490	Fail	Fail	Fail	Fail	Fail
DRINNICK POWER STATION 12/7	P19C/P/29	81930965	SW 9570 5520	Fail	Fail	Pass	Fail	Fail
BURNGALLOW TUBE PRESS 13/7	P19C/P/92	81931085	SW 9790 5260	Fail	Fail	Fail	Fail	Fail
TRELAVOUR KILNS 7	P19C/P/37	81931395	SW 9470 5700	Fail	Pass	Fail	Fail	Fail
WENFORD DRIERS 35/1	P25B/P/8	82528079	SW 0830 7420	Pass	Pass	Pass	Pass	No Data
STANNON 37/1	P25B/P/7	82532369	SX 1250 8120	Pass	Pass	Pass	Fail	Fail

**SECTION 4: EC SURFACE WATER
ABSTRACTION DIRECTIVE**

4.1: 1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

Dissolved or Emulsified Hydrocarbons

The following sites did not comply with the dissolved or emulsified hydrocarbons standard in 1997. No potential polluting source was identified. The Limit of Detection (LOD) was greater than the EQS for A1 waters, therefore all A1 waters failed. A new lower LOD is now in place and results so far confirm the apparent failures are unlikely to have been real as the results using the lower LOD are compliant. No further action is deemed necessary.

ABSTRACTION	URN	ABSTRACTION	URN
THORNS INTAKE (AT KENTON)	70515592	RIVER FOWEY (AT TREKEIVESTEPS)	81520556
CARGENWYN RESERVOIR	82310590	DEVONPORT LEAT (DOUSLAND INTAKE)	81121960
TRENCHFORD RESERVOIR	70631844	BURRATOR RESERVOIR	81121458
KENNICK RESERVOIR	70631944	RIVER YEALM (BROADALL LAKE)	81021248
FERNWORTHY RESERVOIR	70635572	BOSWYN STREAM	82310487
AVON RESERVOIR	70826085	RIVER YEALM (FORD BROOK)	81021309
RIVER ERME	70920176	RIVER YEALM	81020192
RIVER BRAY (AT LEEHAMFORD)	73070183	WISTLANDPOUND RESERVOIR	73080973
DE LANK RIVER	82530159	CARWYNNEN STREAM	82310471
CROWDY RESERVOIR	82522486	RIVER FOWEY (AT RES	81520211
RIVER PORTH INTAKE (AT RIALTON)	82510111	ARGAL RESERVOIR	81911050
RIVER HAYLE (AT ST. EARTH)	82221808	BROCKENBURROW INT	73070891
DRIFT RESERVOIR	82112167	VENFORD RESERVOIR	70724040
STITHIANS RESERVOIR	81951593	WIMBLEBALL RESERVOIR	70571051
COLLEGE NO.4 RESERVOIR	81911034	SLADE RESERVOIR (LOWER)	73110375
COLLIFORD RESERVOIR	81522768		

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
BUDLEIGH BROOK	70410506	phenols	This site has a recent history of non-compliance against the Directive, though failures have not been linked to any reported pollution incidents. The Area Investigations Team has just finished a survey to track down the problem and has located a surface water.	An Investigation has been completed. In addition the local Environmental Protection Officer (EPO) has visited the area and made a mail drop around the area in the vicinity of the outfall. The aim is to raise awareness and reveal those responsible for disposing of chemicals down the surface water drain. Re-sampling at this site will be conducted between 15-02-98 to the 25-03-98. If high phenol levels are still found then Area Environmental Protection (EP) will conduct more extensive investigations.
BUDLEIGH BROOK	70410506	polycyclic-aromatic hydrocarbons	This site has a recent history of non-compliance against the Directive, though failures have not been linked to any reported pollution incidents. The Area Investigation Team has just finished a survey to track down the problem and has located a surface water outfall in East Budleigh from which the contamination is coming.	An Investigation Team survey completed. The local EPO has visited the area and done a mail drop around the vicinity of the outfall. The aim was to raise awareness and reveal those responsible for disposing of chemicals down the surface water drain. Re-sampling at this site will be conducted between 15-02-98 to the 25-03-98. If high values are still found then Area EP will conduct more extensive investigations.
THORNS INTAKE (AT KENTON)	70515592	colour	None of the exceedences measured at this site were connected to any reported pollution incidents. All were associated periods of high rainfall when the river was in spate. Colouration failures were associated with exceedences at the same abstraction site for dissolved iron. The EPO concluded that heavy rain has been causing runoff which has contributed to both the colouration and the iron failures.	No further action deemed necessary

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
THORNS INTAKE (AT KENTON)	70515592	dissolved iron	None of the exceedences measured at this site were connected to any reported pollution incidents. Exceedences were associated with periods of high rainfall when the river was in spate. Dissolved iron failures were associated with some colour exceedences at the same abstraction site. EPO concluded that heavy rain has been causing runoff which has contributed to the dissolved iron failure.	No further action deemed necessary
WIMBLEBALL RESERVOIR	70571051	phenols	The result of a single exceedence on the 10-12-97 which was not related to any reported pollution incident however several other positive values were recorded at the site. Historical water quality trends in the reservoir are good, as is the biological status of the site.	No further action deemed necessary, other than to investigate should any further exceedences occur during the year.
TRENCHFORD RESERVOIR	70631844	colour	A single exceedence on the 05-11-97 which was not linked to any reported pollution incident. This reservoir receives water from Fernworthy and Kennick reservoirs, which both experienced colour exceedences earlier in the year. The catchment area is moorland or agricultural with peaty soils and coniferous forestry. A rainfall event was recorded prior to the exceedence, with a preceeding dry spell and it is likely that this will have caused a flushing effect into the system contributing to elevated colour within the reservoirs.	No further action deemed necessary. Apply for waiver.
KENNICK RESERVOIR	70631944	colour	A single exceedence on the 04-03-97 which was not linked to any reported pollution incident. This site is surrounded by peaty moorland, agricultural land, and coniferous woodland which may have contributed to the colouration exceedence via leaching of tannic and humic acids. A rainfall event was recorded prior to the exceedence, with a preceeding dry spell and it is likely that this will have caused a flushing effect into the system contributing to elevated colour within the reservoirs.	No further action deemed necessary. Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
FERNWORTHY RESERVOIR	70635572	colour	This site has experienced historic Directive non-compliance relating to colouration. The catchment area surrounding this reservoir is composed of peaty open moorland with coniferous forest around the margins of the reservoir. These factors are thought to have contributed to the colouration exceedences via leaching of tannic and humic acids. the 3 months where the exceedences occurred were periods of higher rainfall and it is likely that this will have caused a flushing effect into the system contributing to elevated colour within the reservoirs	No further action deemed necessary. Apply for waiver.
BALA BROOK INTAKE	70822825	colour	Exceedences at this site have not been linked to any reported pollution incidents. This abstraction site has experienced a number of failures against the Directive in previous years. The catchment is peaty open moorland which will have contributed towards the colour exceedences via leaching of tannic and humic acids. The pattern of colouration exceedences is seasonal and relates to rainfall events all of them occurring in October, November or February, with a preceeding dry spell. it is therefore considered that runoff following heavy rainfall would have been a contributive factor.	No further action deemed necessary. Apply for waiver.
AVON RESERVOIR	70826085	colour	A high number of exceedences at this site, none of which have been linked to any reported pollution incident. These exceedences are a result of the high rainfall in the catchment over the year resulting in highly discoloured moorland runoff containing humic and tannic acids.	No further action deemed necessary. Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
AVON RESERVOIR	70826085	dissolved iron	None of the two dissolved iron exceedences at this site in 1997 have been linked to any reported pollution incident. These events are suspected to be rainfall-related and associated with moorland runoff containing humic and tannic acids. These exceedences are a result of the high rainfall in the catchment over the year resulting in low pH moorland runoff containing humic and tannic acids and high levels of dissolved iron.	No further action deemed necessary. Apply for waiver.
RIVER ERME	70920176	colour	None of the colouration exceedences were linked to any reported pollution incidents. Though there have been minor works at the Water Treatment Works intake this is not thought to have had any effect on the river water quality. The potential source of this non-compliance is thought to be natural with the River Erme becoming highly discoloured after heavy rainfall (usually preceded by a dry spell) as a result of humic and tannic acids being leached from the surrounding moorland catchment.	No further action deemed necessary. Apply for waiver.
RIVER ERME	70920176	dissolved iron	A single exceedence which has not been linked to any reported pollution incidents. Though there have been minor works at the Water Treatment Works intake this is not considered to have had any effect on the river water quality. The potential source of this non-compliance is thought to be natural with the River Erme becoming highly discoloured after heavy rainfall (usually preceded by a dry spell) resulting in low pH moorland runoff containing humic and tannic acids and high levels of dissolved iron.	No further action deemed necessary. Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
WISTLANDPOUND RESERVOIR	73080973	colour	A single colouration exceedence measured on 02-09-97 and not related to any reported pollution incident. This is thought to be the result of runoff following particular rainfall conditions, however it may be that in a more typical year(1997 was drier than normal in some areas) there would be more exceedences and this is all down to chance. all other samples collected related to times when little or no rainfall had been experienced for up to two weeks prior to the sampling date.	No further action deemed necessary. Apply for waiver.
WISTLANDPOUND RESERVOIR	73080973	dissolved iron	A single dissolved iron exceedence measured on 02-09-97 and not related to any reported pollution incident. This is thought to be the result of runoff following particular rainfall conditions however it may be that in a more typical year(1997 was drier than normal in some areas) there would be more exceedences and this is all down to chance. all other samples collected related to times when little or no rainfall had been experienced for up to two weeks prior to the sampling date.	No further action deemed necessary. Apply for waiver.
WISTLANDPOUND RESERVOIR	73080973	phenols	A single exceedence, measured on the 30-09-97 and not linked to any reported pollution incident. The method used for the calculation of Total Phenolics and the surrounding of the reservoir by coniferous trees continues to present a compliance problem. The issue of polyphenolic residues from the natural decay of moorland vegetation was raised at national level in 1994, definitive guidance is awaited. As expected wetter conditions cause further flushing out of phenol into the reservoir.	Region to pursue National policy guidance.
RIVER YEALM	81020192	colour	Failures were associated with preceeding period of significant rainfall. The stream runs off moorland it is considered that natural colouration derived from humic acids in peaty soils is the likely cause.	No further action deemed necessary Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
RIVER YEALM	81020192	poly-aromatic hydrocarbons	A single exceedence monitored on the 01-07-97. The issue of polyphenolic residues from the decay of moorland vegetation was taken up at National level in the 1994 and a response is awaited.	Region to pursue National policy guidance Apply for waiver.
RIVER YEALM (BROADALL LAKE)	81021248	colour	The failures are associated with preceeding periods of rainfall. This stream runs off moorland the failure are attributed to natural colouration derived from humic acids in peaty soils.	No action deemed necessary Apply for waiver.
RIVER YEALM (FORD BROOK)	81021309	colour	A single exceedence occurred on the 05-02-97 whilst the river was in spate, following 18.1mm of rainfall in the preceeding 24 hours. This stream runs off moorland and the two adjacent streams (81021248 and 81020192) already have waiver applications pending following exceedences experienced on the same day.	No further action deemed necessary Apply for waiver.
DEVONPORT LEAT (DOUSLAND INTAKE)	81121960	colour	Three exceedences occurred on the 05-02-97, 21-10-97 and 25-11-97. These were associated with a preceeding period of rainfall. Inlet stream runs off moorland and the failures are considered to be the result of natural colouration derived from humic acids in peaty soils.	No further action deemed necessary. Apply for waiver.
RIVER FOWEY (AT RESTORMEL)	81520211	colour	Two exceedences occurred on the 27-06-97 and 14-08-97. Both of these were associated with significant rainfall events. The upper reaches of the Fowey catchment run-off moorland. The failures are attributed to natural colouration derived from humic acids in peaty soils.	No further action deemed necessary Apply for waiver.
RIVER FOWEY (AT TREKEIVESTEPS)	81520556	colour	A single exceedence occurred on 10-11-97. Nothing unusual was found in the data and there was an association with a preceeding period of rainfall. The catchment above this site is dominated by moorland, the failure is attributed to natural colouration derived from humic acids in peaty soils.	No further action deemed necessary. Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
COLLIFORD RESERVOIR	81522768	colour	Exceedences were measured against the EQS on 11 occasions. Colliford is a high moorland reservoir, with inlet streams draining off peat the failure is due to natural colouration derived from humic acids in peaty soils.	No further action deemed necessary Apply for waiver.
COLLIFORD RESERVOIR	81522768	dissolved iron	This site exceeded the Directive on four separate occasions in 1997. Colliford is a high moorland reservoir, with inlet streams draining off peat. The failures are likely to be a result of low pH moorland water leaching out metals from the soil of the catchment.	No further action deemed necessary Apply for waiver.
COLLEGE NO.4 RESERVOIR	81911034	colour	The catchment drainage includes granite moorland and the colouration is natural, derived from humic acids in peaty soils.	No further action deemed necessary Apply for waiver.
COLLEGE NO.4 RESERVOIR	81911034	dissolved iron	The cause is considered to be due to low pH moorland water leaching out metals from the catchment soils. Failures may have been exacerbated by dam works during 1997.	No further action deemed necessary Apply for waiver.
COLLEGE NO.4 RESERVOIR	81911034	phenols	A single exceedence on the 25-07-97. The issue of polyphenolic residues from the decay of moorland vegetation was taken up at National level in the 1994 and definitive guidance is awaited.	Region to request again for National policy Guidance. Apply for waiver.
ARGAL RESERVOIR	81911050	phenols	A single exceedence on the 25-07-97. The issue of polyphenolic residues from the decay of moorland vegetation was taken up at National level in the 1994 and definitive guidance is awaited.	No further action deemed necessary. Region to request again for National Policy Guidance Apply for waiver.
DRIFT RESERVOIR	82112167	colour	The inlet streams to Drift Reservoir drain moorland the colouration is natural derived from humic acids in peaty soils. Nothing unusual was found in the data but there was an association with a high intensity rainfall over the weeks prior to the sample being taken.	No further action deemed necessary Apply for waiver.

1997 EC Surface Water Abstraction Directive Compliance At Designated Abstraction Points

ABSTRACTIONS	URN	SUBSTANCE	COMMENT	ACTION PLAN
RIVER HAYLE (AT ST. EARTH)	82221808	colour	A single exceedence occurred on the 06-06-97 whilst the river was in spate after 45.6mm of rainfall in the preceeding 24 hours. The exceedence was not linked to any reported pollution event. River flows on the 5th and 6th of June peaked significantly above the LTA Q95. The colouration exceedence is therefore thought to be due to bad weather conditions.	No further action is considered necessary
RIVER HAYLE (AT ST. EARTH)	82221808	copper	A single exceedence occurred on the 06-06-97 whilst the river was in spate after 45.6mm of rainfall in the preceeding 24 hours. The exceedence was not linked to any reported pollution event. Historic mining inputs are known in the upper reaches of the River Hayle catchment. River flows on the 5th and 6th of June peaked significantly above the LTA Q95. The total copper exceedenced is therefore thought to be due to bad weather conditions.	No further action is considered necessary
RIVER PORTH INTAKE (AT RIALTON)	82510111	colour	Three exceedences occurring on the 30-10-97, 10-11-97, and 16-12-97, none of which were associated with reported pollution incidents. This site was non-compliant. in 1993 when an investigation (Report No. INV/95/007) concluded that colouration was due to natural factors and recommended the application of a waiver.	No further action recommended Apply for waiver.
CROWDY RESERVOIR	82522486	colour	Natural colouration derived from humic acids in peaty soils. Frequent exceedences reflect the upland nature of the reservoir with inlet streams draining off peaty moorland.	No further action deemed necessary Apply for waiver.
CROWDY RESERVOIR	82522486	dissolved iron	The cause is thought to be due to low pH moorland water leaching out metals from the soil of the catchment reflecting the upland nature of the reservoir with inlet streams draining off peaty moorland	No further action deemed necessary Apply for waiver.
DE LANK RIVER	82530159	colour	The De Lank is a moorland river with natural colouration derived from humic acids in peaty soils. The failures are associated with preceeding significant rainfall events.	No further action deemed necessary Apply for waiver.

4.2: Update On 1996 Failures

DISCHARGE	URN	DET	PROGRESS REPORT
BROCKENBURROW INTAKE - STOWFORD	R30G017 - 73070891	Colour	The failure was due to leachate from surrounding marshland following heavy rainfall. No further action. Apply for waiver on basis of natural enrichment.
RIVER TAW - NEWBRIDGE INTAKE	R30BO17 - 73020123	Chromium	Could be a one off failure with the small possibility of being linked to Chapleton saw mill just upstream. Investigation to ensure the saw mill was not the cause of failure. The pollution prevention procedures at the two sites visited appear to be acceptable. Results awaited from the extra samples taken but it is anticipated that nothing will be found. An investigation technical note is in preparation.
BUDLEIGH BROOK - EAST BUDLEIGH	R04A001 - 70410506	Lead Total phenol PAH	Heavy rainfall caused surface water run-off from roads. Other sources of possible contamination to be considered. High levels of 3-Methyl Phenol were detected in the water surface drain. Possible source could be Wynards's Farm. An EPO is to discuss the use of disinfection fluids with the owners of the farm. Letters will be distributed to all local residents requesting their co-operation supporting pollution prevention measures. If routine sampling continues to find high Phenols then further investigations may be needed to pinpoint the source around the drain.
LEIGH RESERVOIR	51190150	PAH	Reason for failure not known. Action to increase monitoring frequency. Has not revealed any high levels

4.3: Historic Compliance

NORTH WESSEX AREA EC SURFACE WATER ABSTRACTION DIRECTIVE HISTORIC COMPLIANCE - 1993-1997

Abstraction Name	OLD URN NEW URN		1993	1994	1995	1996	1997
			NON COMP	NON COMP	NON COMP	NON COMP	NON COMP
CHEW RESERVOIR/LAKE.	14070453	14070453	Yes	No	Yes	No	No
NUTSCALE RESERVOIR.	50010250	50010250	No	Yes	Yes	No	No
CLATWORTHY RESERVOIR.	51000550	51000550	No	Yes	No	No	No
LEIGH RESERVOR	51190150	51190150	No	No	No	Yes	No
LUXHAY RESERVOIR.	51190170	51190170	No	No	No	No	No
DURLEIGH RESERVOIR.	52270150	52270150	No	Yes	Yes	No	No
HAWKRIIDGE RESERVOIR	52330590	52330590	No	Yes	No	No	No
ASHFORD RESERVOR	52330950	52330950	No	Yes	Yes	No	No
SUTTON BINGHAM RESERVOIR.	54141103	54141103	Yes	Yes	No	No	No
CHEDDAR SPRINGS	57070150	57070150	No	Yes	Yes	No	No
CHEDDAR RESERVOIR	57070250	57070250	Yes	No	No	No	No
BLAGDON RESERVOIR	58100325	58100325	Yes	No	Yes	No	No
BARROW RESERVOIR	58300050	58300050	Yes	Yes	No	No	No

SOUTH WESSEX AREA EC SURFACE WATER ABSTRACTION DIRECTIVE HISTORIC COMPLIANCE - 1993-1997

Abstraction Name	OLD URN NEW URN		1993	1994	1995	1996	1997
			NON COMP	NON COMP	NON COMP	NON COMP	NON COMP
IVY LAKE, BLASHFORD	30067000	30067000	No	Yes	Yes	No	No
SPINNAKER LAKE, BLASHFORD	30069000	30069000	Yes	No	Yes	No	No
AVON AT KNAPP MILL	30218000	30218000	Yes	Yes	No	No	No
AVON AT MATCHAMS	30219000	30219000	No	Yes	Yes	No	No
STOUR AT LONGHAM	30423000	30423000	Yes	Yes	Yes	N/A	N/A
STOUR AT LONGHAM	30423100	30423100	N/A	N/A	N/A	No	No
RIVER BRIT AT WATFORD BRIDGE	30754000	30754000	Yes	No	No	No	No

DEVON AREA EC SURFACE WATER ABSTRACTION DIRECTIVE HISTORIC COMPLIANCE - 1993-1997

Abstraction Name	OLD URN NEW URN		1993	1994	1995	1996	1997
			NON COMP	NON COMP	NON COMP	NON COMP	NON COMP
HOLYFORD POND	R02A004	7021044	No	No	No	No	No
RIVER AXE INTAKE AT WHITFORD	R02B026	70220144	Yes	No	No	No	No
SQUABMOOR RESERVOIR	R04B045	70410388	No	No	No	No	No
EAST BUDLEIGH BROOK INTAKE	R04A001	70410506	Yes	Yes	No	Yes	Yes
OTTERHEAD RESERVOIR	R04B052	70420282	No	Yes	No	No	No
DAWLISH WATER, THORNS INTAKE AT KENTON	R05A030	70515592	Yes	Yes	Yes	Yes	Yes
SHELDON STREAM INTAKE	R05C044	70533998	No	No	No	No	No
RIVER EXE INTAKE AT PYNES	R05D012	70540185	No	Yes	No	No	No
RIVER EXE INTAKE AT BOLHAM	R05E033	70550180	No	Yes	No	No	No
WIMBLEBALL RESERVOIR	R05G017	70571051	Yes	Yes	Yes	No	Yes
TRENCHFORD RESERVOIR	R06C060	70631844	No	Yes	Yes	No	Yes
KENNICK RESERVOIR	R06C066	70631944	Yes	Yes	Yes	No	WAIVER
FERNWORTHY RESERVOIR	R06C064	70635572	Yes	Yes	Yes	No	Yes
RIVER DART INTAKE AT LITTLEHEMPSTON	R07B063	70720106	No	Yes	No	No	No
VENFORD RESERVOIR	R07B059	70724040	Yes	Yes	Yes	No	Yes
RIVER SWINCOMBE INTAKE	R07B058	70725258	No	No	No	No	No
BALA BROOK INTAKE	R08B025	70822825	Yes	Yes	Yes	Yes	WAIVER
AVON DAM	R08B023	70826085	Yes	Yes	Yes	WAIVER	Yes
RIVER ERME INTAKE	R09B025	70920176	Yes	Yes	Yes	Yes	Yes
BUTTERBROOK RESERVOIR	R09B024	7092173	No	No	No	No	No
RIVER YEO (BIDEFORD) INTAKE	R29A025	72911926	No	No	No	No	No
MELBURY RESERVOIR	R29A022	72913239	No	No	No	No	No
RIVER TORRIDGE INTAKE AT TORRINGTON	R29B043	72920163	No	No	No	No	No
MELDON RESERVOIR	R29D058	72940448	No	Yes	No	No	No
WEST OKEMENT RIVER INTAKE	R29D054	72940469	Yes	Yes	Yes	No	No
RIVER TAW INTAKE AT NEW BRIDGE	R30B017	73020123	Yes	Yes	No	Yes	No
RIVER BRAY INTAKE AT LEEHAMFORD	R30G016	73070183	Yes	Yes	Yes	No	Yes
BROCKENBURROW INTAKE	R30G017	73070891	Yes	Yes	Yes	WAIVER	Yes
RIVER YEO INTAKE AT LOXHORE	R30I018	73080459	No	No	No	No	No
BRATTON STREAM INTAKE	R30I017	73080905	Yes	Yes	No	No	No
BRATTON STREAM INTAKE	R30I017	73080905	Yes	Yes	No	No	No
WISTLANDPOUND RESERVOIR	R30I021	73080973	Yes	Yes	Yes	No	Yes

DEVON AREA EC SURFACE WATER ABSTRACTION DIRECTIVE HISTORIC COMPLIANCE - 1993-1997

Abstraction Name	OLD URN NEW URN		1993	1994	1995	1996	1997
			NON COMP	NON COMP	NON COMP	NON COMP	NON COMP
SPREYCOTT SPRING INTAKE	RJ011016	73081355	No	No	No	No	No
LOWER SLADE RESERVOIR	R31A019	73110375	Yes	Yes	Yes	No	Yes
WEST ILKERTON RIVER INTAKE	R32A011	73210221	Yes	No	No	No	No

CORNWALL AREA SURFACE WATER ABSTRACTION DIRECTIVE HISTORIC COMPLIANCE - 1993-1997

Abstraction Name	OLD URN NEW URN		1993	1994	1995	1996	1997
			NON COMP	NON COMP	NON COMP	NON COMP	NON COMP
RIVER YEALM INTAKE	R10B025	81020192	Yes	Yes	Yes	No	Yes
BROADALL LAKE INTAKE	R10B026	81021248	Yes	Yes	Yes	Yes	Yes
FORD BROOK INTAKE	R10B027	81021309	Yes	Yes	Yes	No	Yes
BURRATOR RESERVOIR	R11B030	81121458	Yes	Yes	Yes	No	Yes
DEVONPORT LEAT INTAKE AT DOUSLAND	R11B032	81121960	Yes	Yes	Yes	No	Yes
RIVER TAVY INTAKE AT LOPWELL	R12C027	81231121	No	Yes	No	No	Yes
RIVER TAMAR INTAKE AT GUNNISLAKE	R12E035	81250139	No	No	No	No	No
ROADFORD RESERVOIR	R12G092	81271531	No	Yes	No	No	No
RIVER FOWEY INTAKE AT RESTORMEL	R15B054	81520211	Yes	Yes	Yes	No	No
RIVER FOWEY AT TREKEIVE	R15B053	81520556	Yes	Yes	Yes	Yes	Yes
COLLIFORD RESERVOIR	R15B050	8152278	Yes	Yes	Yes	No	Yes
COLLEGE NO.4 RESERVOIR	R19A048	81911034	Yes	Yes	No	No	Yes
COLLEGE No. 4 RESERVOIR	R19A059	81911034	No	No	Yes	No	No
ARGAL RESERVOIR	R19A045	81911050	Yes	Yes	Yes	No	Yes
RIVER KENNAL (KENNAL VALE)	R19E006	81951564	No	No	No	No	No
STITHIANS RESERVOIR	R19E024	81951593	Yes	Yes	Yes	No	Yes
RIVER COBER INTAKE AT WENDRON	R20A016	82010179	No	No	No	No	No
DRIFT RESERVOIR	R21A032	82112167	Yes	Yes	Yes	No	Yes
RIVER HAYLE INTAKE AT ST. ERTH	R22B023	82221808	Yes	Yes	Yes	No	Yes
BOSWYN RESERVOIR	R23A060	823104487	Yes	Yes	Yes	No	Yes
CARWYNNEN STR (BOTETOE BRIDGE)	R23A038	82310471	No	No	No	No	Yes
CARGENWYN RESERVIOR (SPRINGS & STREAM)	R23A050	82310590	No	No	No	No	WAIVER
RIVER PORTU INTAKE AT RIALTON	R25A025	82510111	Yes	Yes	Yes	Yes	Yes
CROWDY RESERVOIR	R25B056	82522486	Yes	Yes	Yes	No	Yes
DE LANK RIVER INTAKE	R25C003	82530159	Yes	Yes	Yes	No	Yes
UPPER TAMAR LAKE	R12L021	91210340	No	No	No	No	No
WITHEY BROOK	R12Q010	91253928	No	No	No	No	No

**SECTION 5: EC SHELLFISH WATERS
DIRECTIVE**

5.1: 1997 EC Shellfish Waters Directive Return Summary Data

The following tables detail the number of samples per parameter as well as summary data. All sites were sampled more frequently than the statutory requirement of twice a year. All of these results (excluding those carried out relating to Routine Investigations Purpose Codes) have been reported.

Analytical methods for silver (saline, dissolved) and chromium (saline, dissolved) have now been developed. There are no results for silver because of a failure to put this new methodology into monitoring programme. There are no results for chromium due to the late development in the year of methodology for this determinand.

1997 EC Shellfish Waters Directive Return Summary Data

Wareham Channel - at Hutchin's Buoy no. 53 Poole harbour 32103000						
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	4	0	1.05	0.50	1.50	4
Cd (diss)	4	0	0.03	0.03	0.03	4
Colour	4	0	2.50	2.50	2.50	4
Cu (diss)	4	0	0.79	0.25	1.20	4
Dieldrin	4	0	0.30	0.30	0.30	4
DO	12	0	107.34	84.30	157.50	12
Hg (diss)	4	0	0.01	0.01	0.01	4
Lindane (HCH-Gamma)	4	0	1.12	0.80	1.30	4
Mineral Oil (Hydrocarbons)	4	0	1.00	1.00	1.00	4
Ni (diss)	4	0	1.75	1.00	3.60	4
Parathion ethyl	4	0	5.00	5.00	5.00	4
Pb (diss)	4	0	0.25	0.25	0.25	4
pH	10	0	8.06	7.90	8.30	10
Salinity	10	0	28.41	25.10	31.50	10
Susp. Solids	10	0	12.04	1.50	57.00	10
Zn (diss)	4	0	5.45	1.00	16.10	4

Salterns Main Channel near buoy no. 36 Poole Harbour 32106000						
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	4	0	1.10	1.00	1.20	4
Cd (diss)	4	0	0.07	0.03	0.22	4
Colour	4	0	2.50	2.50	2.50	4
Cu (diss)	4	1	7.88	0.60	29.50	4
Dieldrin	4	0	0.30	0.30	0.30	4
DO	12	0	105.13	88.90	143.80	12
Hg (diss)	4	0	0.01	0.01	0.01	4
Lindane (HCH-Gamma)	4	0	1.10	0.70	1.30	4
Mineral Oil (Hydrocarbons)	4	0	1.00	1.00	1.00	4
Ni (diss)	4	1	196.10	0.60	780.00	4
Parathion ethyl	4	0	4.92	4.29	5.40	4
Pb (diss)	4	0	0.99	0.25	3.20	4
pH	10	0	8.05	7.95	8.25	10
Salinity	10	0	31.88	30.00	33.20	10
Susp. Solids	10	0	11.84	1.50	57.00	10
Zn (diss)	4	1	21.30	1.00	80.20	4

1997 EC Shellfish Waters Directive Return Summary Data

Harbour Entrance - channel near ferry		Poole Harbour 32110000				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	4	0	0.95	0.50	1.20	4
Cd (diss)	7	0	0.04	0.03	0.12	7
Colour	4	0	2.50	2.50	2.50	4
Cu (diss)	3	1	2.32	0.25	5.70	3
Dieldrin	8	0	0.30	0.30	0.30	8
DO	12	0	100.37	87.80	127.80	12
Hg (diss)	8	0	0.02	0.01	0.13	8
Lindane (HCH-Gamma)	8	0	1.20	0.70	2.00	8
Mineral Oil (Hydrocarbons)	4	0	1.00	1.00	1.00	4
Ni (diss)	3	0	1.15	0.25	2.50	3
Parathion ethyl	4	0	5.00	5.00	5.00	4
Pb (diss)	3	0	0.97	0.25	2.40	3
pH	10	0	8.06	7.95	8.20	10
Salinity	10	0	32.65	31.20	34.00	10
Susp. Solids	10	0	9.45	1.50	43.00	10
Zn (diss)	3	0	1.00	1.00	1.00	3

South Deep - between Furzey Island and Goathorn Pt		Poole harbour 32112000				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	4	0	0.90	0.50	1.40	4
Cd (diss)	4	0	0.05	0.03	0.12	4
Colour	4	0	2.50	2.50	2.50	4
Cu (diss)	4	1	1.65	0.25	5.60	4
Dieldrin	4	0	0.30	0.30	0.30	4
DO	12	0	107.04	87.70	157.60	12
Hg (diss)	4	0	0.01	0.01	0.01	4
Lindane (HCH-Gamma)	4	0	1.17	0.80	1.40	4
Mineral Oil (Hydrocarbons)	4	0	1.00	1.00	1.00	4
Ni (diss)	4	0	1.45	0.50	2.40	4
Parathion ethyl	4	0	4.90	4.59	5.00	4
Pb (diss)	4	0	0.25	0.25	0.25	4
pH	10	0	8.10	8.00	8.35	10
Salinity	10	0	31.11	29.50	32.70	10
Susp. Solids	10	0	6.71	1.50	13.00	10
Zn (diss)	4	0	2.48	1.00	5.80	4

1997 EC Shellfish Waters Directive Return Summary Data

Portland Harbour 1	Portland Harbour	32115000				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	2	0	0.90	0.50	1.30	2
Cd (diss)	2	0	0.03	0.03	0.03	2
Colour	2	0	2.50	2.50	2.50	2
Cu (diss)	2	0	0.43	0.25	0.60	2
Dieldrin	2	0	0.28	0.25	0.30	2
DO	3	0	106.63	99.70	110.60	3
Hg (diss)	2	0	0.01	0.01	0.01	2
Lindane (HCH-Gamma)	2	0	0.95	0.80	1.10	2
Mineral Oil (Hydrocarbons)	2	0	1.00	1.00	1.00	2
Ni (diss)	2	0	0.25	0.25	0.25	2
Parathion ethyl	2	0	5.00	5.00	5.00	2
Pb (diss)	2	0	0.25	0.25	0.25	2
pH	3	0	8.13	8.10	8.15	3
Salinity	3	0	35.10	35.00	35.20	3
Susp. Solids	3	0	2.83	1.50	4.00	3
Zn (diss)	2	0	21.15	2.70	39.60	2

Portland Harbour 2	Portland Harbour	32116000				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	2	0	0.90	0.50	1.30	2
Cd (diss)	2	0	0.03	0.03	0.03	2
Colour	2	0	2.50	2.50	2.50	2
Cu (diss)	2	0	0.43	0.25	0.60	2
Dieldrin	2	0	0.30	0.30	0.30	2
DO	3	0	102.60	99.80	104.60	3
Hg (diss)	2	0	0.01	0.01	0.01	2
Lindane (HCH-Gamma)	2	0	0.85	0.70	1.00	2
Mineral Oil (Hydrocarbons)	2	0	1.00	1.00	1.00	2
Ni (diss)	2	0	0.25	0.25	0.25	2
Parathion ethyl	2	0	4.80	4.60	5.00	2
Pb (diss)	2	0	0.25	0.25	0.25	2
pH	3	0	8.15	8.10	8.20	3
Salinity	3	0	35.10	35.00	35.20	3
Susp. Solids	3	0	2.00	1.50	3.00	3
Zn (diss)	2	0	7.45	2.60	12.30	2

1997 EC Shellfish Waters Directive Return Summary Data

Turnaware Point	Turnaware Bar	81910102				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	2	0	3.05	2.20	3.90	2
Cd (diss)	2	0	0.03	0.03	0.03	2
Colour	2	0	2.50	2.50	2.50	2
Cu (diss)	2	0	1.45	1.20	1.70	2
Dieldrin	2	0	0.30	0.30	0.30	2
DO	2	0	95.00	88.00	102.00	2
Faecal coliforms (Confirmed)	12	0	92.83	5.00	440.00	12
Hg (diss)	2	0	0.01	0.01	0.01	2
Lindane (HCH-Gamma)	2	0	0.91	0.80	1.02	2
Mineral Oil (Hydrocarbons)	2	0	1.00	1.00	1.00	2
Ni (diss)	2	0	0.48	0.25	0.70	2
Parathion ethyl	2	0	4.88	4.75	5.00	2
Pb (diss)	2	0	0.25	0.25	0.25	2
pH	2	0	8.05	7.95	8.15	2
Salinity	2	0	29.00	24.50	33.50	2
Susp. Solids	2	0	7.90	6.70	9.10	2
Zn (diss)	2	0	10.85	10.00	11.70	2

The Priory	Percuil Water	81910535				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	2	0	1.45	1.40	1.50	2
Cd (diss)	2	0	0.03	0.03	0.03	2
Colour	2	0	2.50	2.50	2.50	2
Cu (diss)	2	0	2.05	1.00	3.10	2
Dieldrin	2	0	0.30	0.30	0.30	2
DO	2	0	97.00	80.00	114.00	2
Faecal coliforms (Confirmed)	12	0	11.67	5.00	70.00	12
Hg (diss)	2	0	0.01	0.01	0.01	2
Lindane (HCH-Gamma)	2	0	3.30	0.80	5.80	2
Mineral Oil (Hydrocarbons)	2	0	1.00	1.00	1.00	2
Ni (diss)	2	0	0.25	0.25	0.25	2
Parathion ethyl	2	0	5.00	5.00	5.00	2
Pb (diss)	2	0	0.25	0.25	0.25	2
pH	2	0	8.08	7.95	8.20	2
Salinity	2	0	33.25	31.60	34.90	2
Susp. Solids	2	0	3.40	1.50	5.30	2
Zn (diss)	2	0	3.40	2.40	4.40	2

1997 EC Shellfish Waters Directive Return Summary Data

Frenchman's Creek		Helford Estuary 81913754				
DET_NAME	No of Samples	SumOfExcedences	Avg	Min	Max	Sum of Less Thans
As (diss)	2	0	1.90	1.60	2.20	2
Cd (diss)	2	0	0.03	0.03	0.03	2
Colour	2	0	4.50	2.50	6.50	2
Cu (diss)	2	0	0.85	0.60	1.10	2
Dieldrin	2	0	0.30	0.30	0.30	2
DO	2	0	92.50	81.00	104.00	2
Faecal coliforms (Confirmed)	12	0	39.50	5.00	146.00	12
Hg (diss)	2	0	0.01	0.01	0.01	2
Lindane (HCH-Gamma)	2	0	0.80	0.70	0.89	2
Mineral Oil (Hydrocarbons)	2	0	1.00	1.00	1.00	2
Ni (diss)	2	0	0.25	0.25	0.25	2
Parathion ethyl	2	0	5.00	5.00	5.00	2
Pb (diss)	2	0	0.25	0.25	0.25	2
pH	2	0	8.05	7.95	8.15	2
Salinity	2	0	29.95	26.10	33.80	2
Susp. Solids	2	0	2.40	1.50	3.30	2
Zn (diss)	2	0	5.45	4.90	6.00	2

5.2: 1997 EC Shellfish Waters Directive Compliance

FAILING SITE	URN	DET	COMMENT	ACTION
Poole Harbour Salterns Main Channel near buoy no. 36	32106000	Copper (Diss) Ni (Diss) Zinc (Diss)	<p>This site has experienced historic non-compliance against the standards of the Directive in 1996 for both Nickel (Aug '96) and Zinc (May '96). Investigations in 1997 and earlier work in 1995, showed large number of sacrificial zinc anodes attached to the steel pilings. This represents a significant source of zinc and monitoring in the marina demonstrates this. Commissioners were operating a small bucket dredger within the vicinity of Salterns Main Channel and Buoy 36 at the time of sampling on 29-Aug-97.</p> <p>The Nickel result was confirmed by the laboratory at Exeter as the largest ever recorded within Poole Harbour. However, sampling investigations around the dredger on 25-Sep-97 failed to show elevated metal concentrations above background. So this is not considered to have contributed to the elevated results.</p> <p>It is difficult to explain the result for Nickel though Salterns use materials, various metal alloys and lubrication and protection compounds that contain Nickel. In the marine environment Nickel should only be at trace levels so it is assumed that there is a point source perhaps poor material handling. Samples taken from within the Marina also showed elevated concentrations of Copper and Zinc relative to background.</p> <p>It is not possible to determine a seasonal trend from the quarterly samples taken for assessing metals concentrations and sampling from 01-Apr-98 will become monthly in an attempt to highlight any patterns. The effect is likely to be localised as no other sites except Poole Harbour 4 show elevated Zinc. The link between Salterns Main Channel and Poole Harbour 4 is the operation and maintenance of moorings.</p>	<p>These unusually high values seem to indicate a possible intermittent point source. Though the large numbers of sacrificial anodes on boats and large permanent anodes on the marina structures may mean there is a high level of diffuse metal inputs.</p> <p>Biological (sediment and biota) work was undertaken during 1996 in the Harbour, at sites covering main inputs. Results are to be reported in June '98, this will provide information additional to routine data by highlighting possible diffuse or point sources in the Harbour.</p> <p>Sampling is to be extended to points in-between the Harbour Entrance and the westerly end of Furzey Island at monthly intervals. Samples will be taken on the ebb tide when water exchange from the marina is most pronounced.</p> <p>If this does not give any leads to the source of the metals, then Environmental Protection Teams will be tasked with reviewing possible inputs from land activities - eg. visiting metal platers (who should be discharging to foul sewer) and conducting extra monitoring of surface water streams.</p> <p>Area will consult with MAFF and CEFAS who routinely carry out limited monitoring programmes in the harbour. They also have data for metal and biota contamination. This will enable Poole Harbour results to be put into context and examine whether MAFF have observed zinc as a problem pollutant.</p>

1997 EC Shellfish Waters Directive Compliance

FAILING SITE	URN	DET	COMMENT	ACTION
Poole Harbour Harbour Entrance - channel near ferry	32110000	Copper (Diss)	<p>This site has experienced historic Directive non-compliance, in 1989, 1990, and 1992. This marginal (5.7 ugl) failure has not been linked to any reported pollution event. A number of discharges containing plating wastes have been controlled since 1993. The only inputs that have been identified and controlled are Poole STW, Merck Ltd, and Pilkington Tiles, all of which are compliant with valid consents for List II metals. Recently, it has come to light that BP are consented for the discharge of Copper in backwash water from well cleaning operations. This will need further investigation. A Copper result of 5.6 ugl was measured at a neighboring site at South Deep (approximately 0.8 km west on the south side of Brownsea Island on 02-Apr-97.</p> <p>Copper concentrations within freshwater inputs to the Harbour are not of sufficient magnitude to cause the values being measured at this site. The increasing use of copper-based antifouling paint and the large numbers of sacrificial anodes mean that there may be a high level of 'diffuse' metal pollution. Studies done elsewhere indicate the input could be considerable.</p>	<p>Biological (sediment and biota) work was undertaken during 1996 in the Harbour, at sites covering main inputs. Results are to be reported in June '98, this will provide information additional to routine data by highlighting possible diffuse or point sources in the Harbour.</p> <p>Sampling is to be extended to points in-between the Harbour Entrance and the westerly end of Furzey Island as of 01-Apr-98 at monthly intervals.</p> <p>The impact of the BP backwashing operations will be investigated further.</p> <p>The possible impact copper-based antifouling paint and the large numbers of sacrificial anodes will also be explored further.</p> <p>There is the option to expand metals monitoring in Poole Harbour in the light of compliance problems at two other sites.</p> <p>Area will consult with MAFF and local Environmental Health regarding tissue and water sampling in order to assess the status of the shellfishery in the light of these results</p>

1997 EC Shellfish Waters Directive Compliance

FAILING SITE	URN	DET	COMMENT	ACTION
Poole Harbour South Deep - between Furzey Island and Goathorn Point	32112000	Copper (Diss)	<p>This site has experienced historic Directive non-compliance, in 1989, 1990, and 1992. This marginal (5.6 ug/l) failure has not been linked to any reported pollution event.</p> <p>A number of mis-connections to surface water drains from trade premises have stopped since 1993. Poole STW, Merck Ltd, and Pilkington Tiles remain the only consented discharges to Poole Harbour with List II metals, all are compliant.</p> <p>Recently, it has come to light that BP are consented for the discharge of Copper in backwash water from well cleaning operations. There are no other identified sources.</p> <p>This area is shallow and has little traffic or potential for local pollution. A non Directive sample taken on the same day but approximately 0.8 km to the east showed a value of 5.7 ug/l suggesting contamination stretching down the south side of Brownsea Island. However, this is unlikely, given the distance and volumes of water involved.</p> <p>The increasing use of copper-based antifouling paint and the large numbers of sacrificial anodes mean that there may be a high level of 'diffuse' metal pollution. Studies done elsewhere indicate the input could be considerable.</p>	<p>Biological (sediment and biota) work was undertaken during 1996 in the Harbour, at sites covering main inputs. Results are to be reported in June '98, this will provide information additional to routine data by highlighting possible diffuse or point sources in the Harbour.</p> <p>As of 01-Apr-98 sampling is to be extended to points in-between the Harbour Entrance and the westerly end of Furzey Island at monthly intervals.</p> <p>The impact of the BP backwashing operations will be investigated further.</p> <p>The possible impact copper-based antifouling paint and the large numbers of sacrificial anodes will also be explored further.</p> <p>Area will consult with MAFF and CEFAS who carry out limited monitoring programmes in the harbour. They also have data for metal and within biota contamination. This will enable Poole Harbour results to be put in put into wider context.</p>

5.3: Update On 1996 Failures

DISCHARGE	URN	DET	PROGRESS REPORT
POOLE HARBOUR, SALTERNS MAIN CHANNEL NEAR BUOY NO. 36	32106000	Zinc (dissolved) Ni (dissolved)	Investigation samples were taken within the marina which indicated elevated Zinc, Copper, Lead and Nickel against background sites in the area. No trend was identified for failing determinands. However increased monthly monitoring from April 1998 may help identify causes, together with associated operational monitoring. It is recommended to implement monthly sampling of sites within Poole Harbour and extend monitoring for List 2 metals to include points within the marina and a grid of points towards the Harbour entrance and town quay. There are thought to be a number of possible sources in the harbour from sacrificial anodes and the backwash from drilling operations. The recommended monitoring should verify this.
PORTLAND HARBOUR, SITE 1	32115000	Copper (dissolved) Zinc (dissolved)	Lack of resources at present time prevents writing up of the data gathered at number of stations in the Harbour but this can be expected later on this year. The increased Zinc levels appears to be positioned towards the south side of the harbour and the greater copper concentration to the north side. However no point sources have been identified. There is a developing shell fishery off Castletown and the Fleet inflow. At present it is not known if the metals have any impact on the biota. The monitoring frequency is set to increase to monthly sampling. MAFF and EHO will be contacted for their routine sampling results for metals within Poole Harbour. Monitoring will continue on shell fish tissue from stock purposefully laid within Portland in conjunction with Portland Port Health Authority. A interim report is due in June 1998.

5.4: Historic Compliance - 1991-1997

SOUTH WESSEX								
Name	URN	SPT_NGR	1991	1993	1994	1995	1996	1997
WHAREHAM CHANNEL POOLE HARBOUR	32103000	SY99508950	Fail	Pass	Fail	Pass	Pass	Pass
SALTERNS MAIN CHANNEL POOLE HARBOUR	32106000	SZ03508930	Fail	Fail	Pass	Pass	Fail	Fail
HARBOUR ENTERANCE POOLE HARBOUR	32110000	SZ03708690	Fail	Pass	Pass	Pass	Pass	Fail
SOUTH DEEP POOLE HARBOUR	32112000	SZ01408680	Fail	Pass	Pass	Pass	Pass	Pass
PORTLAND HARBOUR 1	32115000	SY67907500	Fail	Pass	Pass	Pass	Fail	Pass
PORTLAND HARBOUR 2	32116000	SY69007632	Fail	Pass	Pass	Pass	Fail	Pass
CORNWALL								
FRENCHMAN'S CREEK HELFORD ESTURY	81913754	SW746264	Pass	Pass	Pass	Pass	Pass	Pass
TURNWARE POINT	81910102	SW834383	Pass	Pass	Fail	Pass	Pass	Pass
THE PRIORY	81910535	SW858339	Pass	Pass	Pass	Pass	Pass	Pass

SECTION 6: EC FRESHWATER FISH DIRECTIVE

6.1: 1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
TETBURY AVON BACKBRIDGE	06540102	Dissolved oxygen	This exceedence of the Tetbury Avon at Blackbridge is the result of a dissolved oxygen sample falling below 6 mg/l in this salmonid stretch on the 08-07-97. Dissolved oxygen concentrations for the rest of the year lie well above this level. This exceedence has not been linked to any reported pollution incident or with an algal bloom event although it was associated with low river flow (0.025cumecs).	No further action.
RIVER BISS YARNBROOK	10340101	Total ammonium	This salmonid stretch on River Biss at Yarnbrook experienced two Total Ammonium exceedences, in January and November of 1997. Neither of these exceedences were linked to any reported pollution incident. This stretch lies downstream of Westbury STW, which is considered the most likely cause of these exceedences. There is a problem with the works complying with its current ammonia consent standard.	Increased frequency of monitoring of the STW, allied to monitoring of the discharges and discharge events from the Blue Circle and Westbury STW outfalls. Improvements at Westbury STW are currently in progress. As mentioned above, there is a problem with the works complying with its current ammonia consent standard and enforcement action is being considered. It is probable that the consent standards will need to be tightened.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
SOMERSET FROME BULLS BRIDGE	11260412	Dissolved oxygen	Somerset Frome Bulls Bridge. An desk top review of data (1993-97) last year into the low DO problem concluded that that the majority of routine samples recording DO's less than 60% saturation were taken over the Summer months (June to Sept) and when flow were low below 0.5 cumecs. Additional continuous monitoring was undertaken between July and early October 1997, this work also concluded that DO levels are strongly influenced by flow. Further, at times of low flow the river is virtually ponded at this site making achievement of the RQO or Directive EQS often impossible.	Further investigation into the extent of the low DO problem in the upper reaches of the Frome will be undertaken. This will determine if the site is truly representative of the designated stretch. Other determinands will also be monitored to verify if there are any DO depleting substances entering catchment from unknown sources.
LITTLE AVON D/S MICHEALWOOD STW	23130424	Dissolved oxygen	Little Avon d/s Michealwood STW. The depressed DO recorded in June can not be explained by Area staff, there were no recorded pollution incidents, no other determinands were elevated and the site upstream was compliant. The site has been compliant since.	No action warranted however the exceptional data handling procedures are being reviewed to improve the effectiveness of reactive sample exceedence inspections.
LITTLE AVON CHARFIELD	23130502	Dissolved oxygen	Little Avon at Charfield. There is evidence to suggest that the DO meter was faulty (other sites samples the same day using the same meter were all depressed for an unknown reason) and the reading is erroneous, however there is no calibration information to support this claim. Area pollution staff can not explain the low DO other than a faulty meter, the site has been compliant since.	Keep a close check on the DO levels over Summer/Autumn period. The exceptional data handling procedures are being reviewed to improve the effectiveness of reactive inspections to sample exceedences.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
RIVER AVON RINGWOOD	30214000	Dissolved oxygen	This failure has not been linked to any reported pollution incident. The trend of low DO is seasonal and this stretch supports huge natural weed growth in summer months and large diurnal variation in DO - it is known that DO supersaturation occurs in the evening and DO depletion in the early morning. This stretch is within a proposed Sensitive Area (Eutrophic) under the UWWTD where annual average orthophosphate concentrations exceed 100 ug/l. However, there is no evidence from Freshwater Fish Directive parameters to suggest that this stretch is polluted and weed growth is thought to be causing the above problems as a result of nutrient enrichment.	This stretch of river is being prioritised by Area Environment Protection and the following actions will be taken: (i) Area Investigations Team to monitor DO and demonstrate a degree of diurnal variation. (ii) Area Monitoring Team to review sampling runs and try to achieve a better spread of samples through the hours of the working day (most of the samples taken during 1997 were before 10.30am).
RIVER FROME WAREHAM	30515000	Dissolved oxygen	This stretch on the River Frome at Wareham experienced a marginal failure against the Directive with 8 out of 15 samples having DO levels below 9 mg/l. None of these lower DO measurements have been linked to any reported pollution incident. The site is tidal, and there exists the possibility of a salt wedge affecting the dissolved oxygen levels. There is a seasonal trend to the DO with lower concentrations being measured in the Summer months. All samples in 1997 were taken in the morning and there is a suspicion that a DO sag due to aquatic plant respiration may have contributed to this non-compliance.	This stretch reflects a marginal failure for DO in summer months in a river thought to have diurnal DO variation due to heavy weed growth. No sample during 1997 was taken after 10am and many were taken before 9am. Sampling runs will therefore be reviewed and samples will be spread throughout the working day. The location of the sampling point itself may also be reviewed.
RIVER YEO THORNFORD	54002500	Dissolved oxygen	A pollution incident involving slurry was reported on the 8/7/97, the sample taken on 30/7/97 recorded a depressed DO, the two may be linked. Generally the DO's are low in summer/low flow periods and higher the rest of the year. There is some super saturation in the spring with slightly higher BOD's which suggests high levels of algal/macrophytic activity. The upstream Sherbourne STW may be implicated during low flow periods.	Investigate the effects of Sherbourne STW during low flows, this should include effects on algae/macrophytic growth.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
RIVER CARY K.S.D.CRANDON BRIDGE	55006500	Dissolved oxygen	R.Cary/ KSD at Crandon Bridge. A fish kill was reported on the 10/8/97 close to the pumping station this may have been the cause of the low DO on 12/8/97. In addition silt dredging and weed cutting started in area upstream in April, this is likely to have contributed to the low DO's. In the past ammonia problems have been attributed to an upstream piggery discharge. Liaison with the farmer is ongoing and farm campaigns were completed 2 years ago. This is a penned watercourse on the Somerset levels with numerous interconnecting drains. Releases of nutrient rich waters after periods of penning can cause water quality problems in the main river. This site has a long history of non-compliance related to its nature and management (much of which is out of the control of the Agency).	Investigation of low DO in KSD over summer. Consented discharges in the area will be checked for compliance problems and Area pollution staff will discuss any necessary improvements with the piggery farmer. Also some investigation work will take place into DO levels during dredging and weed cutting operations. The water quality in KSD has been identified as a LEAP issue and the pollution prevention work will continue. COGAP is currently being promoted. Some point source pollution with farm waste has been addressed which should reduce the nutrient enrichment and its associated problems.
RIVER BANWELL M5 M'WAY	58000400	Dissolved oxygen	R.Banwell M5 Motorway. This site is badly affected by excessive macrophyte growth (duckweed) in the summer. Samples are taken through thick light attenuating blanket of duckweed. BOD and ammonia levels are acceptable.	There is little that can be done by the Agency to control duckweed, several alternative actions are feasible 1. seek derogation for 'natural' macrophyte growth affecting water quality. 2. Objectively record on WIMS(via routine sampling programme) the extent of the duckweed cover at the time of sampling and relate to any low DO's. 3. Move the sampling point to a more representative location. The Area EP officer would prefer to move the site.
PORTBURY DITCH MIDDLE BRIDGE	58400500	Dissolved oxygen	Portbury Ditch at Middle Bridge last failed in 1995, various reasons suggested though none have been proven. There are no obvious causes of the low DO's and these seem to occur unusually in the Autumn.	Investigate further by deploying remote continuous monitors and additional operation monitoring site to pin point the extent of the problem. Any effects on fishery should also be investigated.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
EXETER CANAL A38 BRIDGE COUNTESS WEAR	70513750	Dissolved oxygen	Dissolved oxygen exceedences at Countess Wear on the Exeter Canal have not been linked to any reported pollution incident.. However, prolific duckweed growth has been reported to Area Environmental Protection by Monitoring staff. It is believed that application of nutrients to surrounding farmland are promoting this vegetational response which is linked to the dissolved oxygen exceedences.	Area conservation have been made aware of the problem. No further action at present.
RIVER SWINCOMBE	70725203	pH	R.Swincombe prior to R.Dart which is salmonid watercourse experienced two low pH exceedence during 1997. Natural runoff, high in humic and tannic acids, from surrounding open moorland will have contributed to these results in this naturally low-pH area.	No further action Apply for derogation due to moorland origins.
SLAPTON LEY 2	70810119	pH	This site on Slapton Ley experienced two exceedences for high-pH in June and August of 1997, neither of these was associated with a reported pollution incident. Algal blooms were present at this site during the past year and may have contributed to the results.	No further action. Apply for derogation due to natural enrichment
AVON DAM	70826092	pH	This Avon Dam site experienced a high number of low-pH exceedences during 1997. The catchment of this reservoir is a naturally low-pH area. Naturally-occurring runoff, high in humic and tannic acids, from surrounding open moorland will have contributed to these results.	No further action. Apply for derogation due to moorland origins.
GAMMATON RESERVOIR	72911179	Non ionized ammonia	This site on Gammaton Reservoir experienced three exceedences in July, August and September of 1997. There was no record of pollution incidents involving Gammaton Reservoir in the same year. These exceedences are closely associated with those measured for high-pH at the same site. It is suspected that this pattern may have been caused by a Summer algal bloom.	No further action.
GAMMATON RESERVOIR	72911179	pH	This site on Gammaton Reservoir experienced four high-pH exceedences against the Directive from June to September 1997. These exceedences are closely associated with those measured for unionised ammonia at the same site. It is suspected that this pattern may have been caused by a Summer algal bloom.	No further action. Apply for derogation due to moorland origins.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
MELDON RESERVOIR	72940429	pH	This site on Meldon Reservoir exceeded the minimum-pH standard under the Directive in March, November and December. It is likely that these exceedences are the result of naturally high acidity in catchment runoff.	No further action. Apply for derogation due to moorland origins.
CADOVER BRIDGE	81120288	pH	There were two pH exceedences experienced in 1997 on the R.Plym at Cadover Bridge.. Both of these were related to runoff after heavy rainfall in this moorland catchment (29.5mm in the preceeding 24 hours in the case of the 18-02-97 exceedence, and 30.5mm in the preceeding 72 hours in the case of the 18-11-97 exceedence). The exceedences have not been linked to any reported pollution complaint and occurred when river flow was in spate.	No further action. Apply for derogation due to moorland origins.
LOWER TAMAR LAKE	91210289	pH	There are four separate dates in 1997 on which pH exceedences occurred in Lower Tamar Lake these were predominantly summer months. In the majority of these cases the cause was linked to blue-green algal blooms occuring in hot weather with phosphorus levels being identified as the key triggering factor. Algal blooms in the lake were overflowing into the Tamar River.	This problem has been identified as a LEAP issue A major study is currently underway which includes farm visits, biological and chemical surveys. Fieldwork is to continue through 1998. A report on this fieldwork is to be produced in 1999 by Area Investigations.
BULKINGTON DROVE STREAM	094110101	DO	This salmonid stretch on the Bulkington Drove Stream experienced three exceedences of the minimum concentration for DO of 6 mg/l in July, August, and October. This watercourse will never, because of its geography and catchment, meet the standards of salmonid waters .Its physical characteristics are not that of a salmonid fishery. In Summer months the stream consists mainly of land drainage. Historically there have been farm problems on the Bulkington Drove Stream and for several years Area have been working to eliminate point sources and to control diffuse inputs. Significant progress will continue, but even given complete elimination of farm discharges this stretch will never be a salmonid watercourse. Survey work has shown only the presence of coarse fish and not salmonids, though trout may occur occasionally.	It is now proposed to change the status of the Bulkington Drove Stream from Salmonid to Cyprinid. This is considered to be realistically achievable and sustainable.

1997 EC Freshwater Fish Directive Non Compliance

RIVER	URN	SUBSTANCE	COMMENT	ACTION
UPPER TAMAR LAKE	91210318	pH	This Upper Tamar Lake site experienced two high pH exceedences on 10-07-97 and 13-08-97. Neither of these exceedences were associated with reported pollution incidents. The trend of summer non-compliance was associated with drought conditions and caused by blue-green algal blooms. Phosphorus has been identified as the key nutrient and the problem has been identified as a LEAP concern.	A major study is currently underway, including farm visits and biological and chemical surveys. Fieldwork is to continue through 1998 with a report published in 1999. The project is to be managed the, Area Investigations Team Leader.

6.2: Update On 1996 Failures

DISCHARGE	URN	DET	PROGRESS REPORT
GAMMATON RESERVOIR	72911179	pH Unionised Ammonia	No particular causes identified. Continues to be routinely monitored 12 times a year.
RIVER BANWELL	58000400	DO	Low flow during summer months combined with weedcutting which causes excessive silt transfer and deoxygenation due to rotting material. N. Wessex weedcutting liason group set up to review cutting practices. Studies planned to review the effects of weedcutting and low flow on river chemistry. Monitoring programme implemented to investigate the impact of weedcutting on DO in watercourses is ongoing.
RIVER AXE	57010200	Unionised Ammonia	Seasonally non-compliant site due to the effects of two upstream consented discharges. Of the two dischargers, Burcott House Farm is in the process of designing a farm management and effluent containment scheme for Spring/Summer 1997. Inveresk Paper Mill has a long history of exceedence for their ammonia consent and are currently being prosecuted. Continuous monitoring of St. Cuthbert's Mill effluent quality and its impact on the R. Axe continued all summer. EC FFD failures often appear to be caused by poor quality effluent from the Mill. Consenting staff are currently reviewing the Mill's consent. However, after discussions with the mill representatives Agency staff have revised the consent making it load based. The new concentration limit for total ammonia is 15mg/l (the old limit was 5mg/l). Flow consent has been reduced accordingly. Further monitoring is likely to be undertaken during 1998 to assess what impact the consent revision has on the river.

Update On 1996 Failures

DISCHARGE	URN	DET	PROGRESS REPORT
KINGS SEDGEMORE DRAIN	55006500	Total Ammonia	<p>Due to a high volume of nocturnal discharge from a piggery at Greinton. Successful prosecution the farmer who has agreed to take appropriate remedial action.</p> <p>Further investigations have indicated that the pig farm at Greinton has improved, but has not eliminated polluting discharges via Boundary rhyne. Further enforcement action may be required.</p> <p>However, since further farm visits have been made by the local EPO during early 1998, discharges from the farm appear to have ceased. Monitoring will be used to ensure water quality improves as expected.</p>
HILLFARRANCE BROOK	51201500	Total Ammonia	<p>Possible input from Milverton STW, though generally the works has complied with its consent. Survey work to be planned for the Hillfarrance Brook upstream of the STW. Inspection of farms and on-site continuous monitoring for ammonia. The monitoring revealed some water quality problems.</p> <p>Two poor results were caused by poor quality effluent discharging from Milverton STW on 5.1.96 and pollution from an unknown source in the upper catchment after heavy rain on 20.5.96. There were no further poor results obtained during 1997.</p>
RIVER SOMERSET FROME	11260412	DO	<p>Problems have occurred with episodic farm discharges during periods of low flows exacerbated by the slow movement of water. There is an investigation in progress with a programme of farm visits in the upper Somerset Frome.</p> <p>Continuous monitoring at Bullsbridge found that DO concentrations fell as river flows dropped, with the river becoming virtually ponded during the summer. A report is being prepared. Farm visits are ongoing.</p>
WORTON STREAM	09420103	Total Ammonia Unionised Ammonia	<p>The cause of the exceedences is thought to be diffuse farm sources. There is an ongoing survey of farm discharges in the area.</p> <p>The farm survey is progressing well but the source of the intermittent problems have not been conclusively identified. One particular site (fertilizer manufacturer) is thought to cause occasional problems but there was no evidence obtained during 1997, when the stream passed directive standards.</p>

Update On 1996 Failures

DISCHARGE	URN	DET	PROGRESS REPORT
BULKINGTON DROVE STREAM	094110101	DO	There are no specific discharges, but the cause is thought to be diffuse farm inputs during wet weather. There have been continuing visits to farms in the catchment with improvements scheduled for one farm which is thought to be the most likely source of occasional problems. The improvements at the farm are now complete and a containment scheme installed. However, there are other problems in the catchment (it also failed in 1997). It is believed that the nature of the watercourse and the agricultural character of the catchment means that salmonid designation may be inappropriate. This will be reviewed.

6.3: Historic Compliance

NORTH WESSEX AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER BRISTOL AVON	HANHAM LOCK, HIGHEST TIDAL POINT ON RIVER AVON.	01010501	01010501	ST 6480 7000	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	TWERTON TO BATHFORD.	01011103	01010802	ST 7520 6490	Pass	Pass	Pass	Pass
LAM BROOK	ASHCOMBE HOUSE - CONFLUENCE RIVER AVON	01011102	01011102	ST 7630 6640	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	DAUNTSEY TO SOMERFORD.	01012301	01011103	ST 9790 8230	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	BITTON TO TWERTON.	01010802	01011402	ST 6930 6780	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	FRESHFORD-WOODSIDE TO MONKTON HOUSE.	01011604	01011604	ST 8600 6100	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	SCOTLAND ROAD TO LACKHAM.	01012003	01011701	ST 9050 6450	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	LACKHAM TO LOWER SEAGRY.	01012101	01012003	ST 9240 7030	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	MELKSHAM BYPASS TO SCOTLAND ROAD.	01012013	01012013	ST 9000 6380	-	-	Pass	Pass
RIVER BRISTOL AVON	MONKTON HOUSE TO MELKSHAM BYPASS.	01011701	01012101	ST 8850 6230	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	BATHFORD TO FRESHFORD.	01011402	01012301	ST 7830 6120	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	SOMERFORD TO HEADWATERS.	01012401	01012401	ST 9660 8320	Fail	Fail	Fail	Pass
BRISTOL FLOATING HARBOUR	HOTWELLS - CATTLE MARKET	01030105	01030105	ST 5720 7220	-	-	Pass	Pass
SISTON BROOK	OLDLAND - CONFLUENCE RIVER AVON	01060105	01060105	ST 6650 7050	Pass	Pass	Pass	Pass
ST CATHERINE'S BROOK	GREY HOUSE - CONFLUENCE RIVER AVON	01160102	01160102	ST 7810 6740	Pass	Pass	Pass	Pass
GAUZE BROOK	- CONFLUENCE RIVER AVON	01520104	01520104	ST 9370 8400	Fail	Fail	Fail	Pass
CHARLTON BROOK	CHARLTON PARK - CONFLUENCE WOODBRIDGE BROOK	01530105	01530105	ST 9570 8780	Pass	Pass	Pass	Pass
RIVER BRISTOL FROME	WINTERBOURNE DOWN - BRISTOL WADE STREET	02030204	02030204	ST 6380 7720	Pass	Pass	Pass	Pass
RIVER BRISTOL FROME	CHIPPING SODBURY - WINTERBOURNE DOWN	02030310	02030310	ST 6670 8220	-	-	Pass	Pass
BRADLEY BROOK	WINTERBOURNE - RIVER FROME	02040103	02040103	ST 6450 7950	Pass	Pass	Pass	Pass
LADDEN BROOK	LATTERIDGE - CONFLUENCE RIVER FROME	02050102	02050102	ST 6650 8290	Pass	Pass	Pass	Pass
RIVER BOYD	DOYNTON - CONFLUENCE RIVER AVON	03110110	03110110	ST 6810 6990	Pass	Pass	Pass	Pass
BY-BROOK	FORD - CONFLUENCE RIVER AVON	04170101	04170101	ST 8140 6880	Pass	Pass	Pass	Pass
BROADMEAD BROOK	WEST KINGTON - CONFLUENCE BY BROOK	04170202	04170202	ST 8230 7690	Pass	Pass	Pass	Pass
BY BROOK	BURTON - FORD	04170214	04170214	ST 8500 7560	-	-	Pass	Pass
DONCOMBE BROOK	STREAM CONFLUENCE - CONFLUENCE BY BROOK	04180101	04180101	ST 8390 7480	Pass	Pass	Pass	Pass
SHERSTON AVON	PINKNEY - CONFLUENCE TETBURY AVON	05012802	05012802	ST 9280 8720	Pass	Pass	Fail	Pass
TETBURY AVON	SHIPTON WOOD - CONFLUENCE SHERSTON AVON	06540102	06540102	ST 9220 8820	Fail	Pass	Pass	Pass
RIVER MARDEN	CALNE - CONFLUENCE RIVER AVON	08480103	08480103	ST 9560 7280	Pass	Pass	Pass	Pass
COWAGE BROOK	LOW BRIDGE - CONFLUENCE RIVER MARDEN	08490120	08490120	ST 9880 7360	-	-	-	-
SEMINGTON BROOK	CONFLUENCE BULKINGTON DROVE STREAM - CONFLUENCE RIVER AVON	09370107	09370107	ST 8970 6080	Pass	Pass	Fail	Pass
MILEBOURNE STREAM	- CONFLUENCE SEMINGTON BROOK	09370201	09370201	ST 9330 5820	Pass	Pass	Fail	Pass
SEMINGTON BROOK	WORTON COMMON - CONFLUENCE BULKINGTON DROVE STREAM	09370301	09370301	ST 9440 5810	Pass	Fail	Pass	Pass
BULKINGTON DROVE STREAM	- CONFLUENCE SEMINGTON BROOK	09410101	09410101	ST 9430 5780	Fail	Fail	Pass	Pass
WORTON STREAM	HERON BRIDGE - CONFLUENCE SEMINGTON BROOK	09420103	09420103	ST 9830 5720	Pass	Pass	Pass	-

NORTH WESSEX AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER BISS	BISS BOTTOM - RAILWAY	10340101	10340101	ST 8660 5510	Pass	Pass	Pass	Pass
RIVER BISS	CONFLUENCE BITHAM BROOK - TROWBRIDGE STW	10340303	10340303	ST 8500 5850	Fail	Fail	Fail	Pass
RIVER SOMERSET FROME	WITHAM - TYTHIERINGTON	11260412	11260105	ST 7750 4440	Fail	Pass	Fail	Pass
RIVER SOMERSET FROME	TYTHIERINGTON - CONFLUENCE RIVER MELLS	11260204	11260204	ST 7870 4780	Pass	Pass	Pass	Pass
RIVER SOMERSET FROME	CONFLUENCE RIVER MELLS - CONFLUENCE RIVER AVON	11260105	11260412	ST 7910 5990	Fail	Pass	Pass	Pass
RODDEN BROOK	CONFLUENCE REDFORD WATER - CONFLUENCE RIVER FROME	11310101	11310101	ST 7920 4750	Pass	Pass	Pass	Pass
MELLS RIVER	VOBSTER - CONFLUENCE RIVER FROME	12270106	12270106	ST 7720 4990	Pass	Pass	Fail	Pass
MELLS RIVER	STOKE BOTTOM - VOBSTER	12270415	12270415	ST 7050 4900	Pass	Pass	Pass	Pass
NUNNEY BROOK	HOLWELL - CONFLUENCE RIVER MELLS	12280103	12280103	ST 7570 4850	Pass	Pass	Fail	Pass
WHATLEY BROOK	ASHAM - CONFLUENCE RIVER MELLS	12290103	12290103	ST 7430 4850	Pass	Pass	Pass	Pass
MIDFORD BROOK	CONFLUENCE WELLOW & CAM BROOKS - CONFLUENCE RIVER AVON	13190103	13190103	ST 7630 6110	Pass	Pass	Pass	Pass
CAM BROOK	CAMERTON - CONFLUENCE WELLOW BROOK	13190204	13190204	ST 7610 6060	Pass	Pass	Pass	Pass
WELLOW BROOK	STONY LITTLETON - CONFLUENCE CAM BROOK	13200256	13200256	ST 7510 5820	-	-	Pass	Pass
RIVER CHEW	CONFLUENCE TUCKING MILL STREAM - CONFLUENCE RIVER AVON	14070115	14070103	ST 6560 6840	Pass	Fail	Fail	Pass
RIVER CHEW	CONFLUENCE WINFORD BROOK - CONFL TUCKING MILL STREAM	14070103	14070115	ST 6220 6420	-	-	Pass	Pass
WINFORD BROOK	WINFORD - CONFLUENCE RIVER CHEW	14090103	14090103	ST 5800 6320	Pass	Fail	Fail	Pass
LITTLE AVON	D/S WICKWAR - CONFL OZLEWORTH BROOK	23130502	23130424	ST 7280 9260	Fail	Pass	Pass	Pass
LITTLE AVON	CONFL OZLEWORTH BROOK TO SEA	23130424	23130502	ST 693 953				
TORTWORTH LAKE LEYHILL	TORTWORTH LAKE - CROMHALL	23160109	23160109	ST 6900 9070	Pass	Pass	Pass	Pass
HAWKCOMBE STREAM	HOMEDUSH WOOD - SEA	50000500	50000500	SS 8850 4660	Pass	Pass	Fail	Pass
HORNER WATER	HORNER WOOD - SEA	50011100	50011100	SS 8990 4780	Pass	Pass	Pass	Pass
ALLER STREAM	CONFLUENCE - CONFLUENCE WITH HORNER WATER	50041000	50041000	SS 9010 4760	Pass	Pass	Pass	Pass
RIVER AVILL	STEART - SEA	50101900	50101900	SS 9850 4320	Pass	Pass	Pass	Pass
PILL RIVER	* RODHUISH - LINT.	50170400	50170400	ST 0320 4120	Pass	Pass	Pass	Pass
WASHFORD RIVER	KINGSBRIDGE - PAPER MILL	50181200	50181200	ST 0570 4260	Pass	Pass	Pass	Pass
DONIFORD STREAM	FLAXPOOL - SEA	50191600	50190800	ST 0880 4290	Pass	Pass	Pass	Pass
DONIFORD STREAM	FLAXPOOL - SEA	50190800	50191600	ST 1100 3710	Pass	Pass	Fail	Pass
MONKSILVER STREAM	BIRD'S HILL - CONFLUENCE WITH DONIFORD STREAM	50271000	50271000	ST 0840 4140	Fail	Pass	Pass	Pass
HOLFORD STREAM	HOLFORD - SEA	50290300	50290300	ST 1480 4370				
RIVER TONE	CLATWORTHY-HAYDON HILL STREAM	51001000	51001000	ST 0530 2860	Fail	Pass	Fail	Pass
RIVER TONE	GREENHAM-BISHOPS HULL	51006000	51002900	ST 2060 2500	Fail	Pass	Pass	Pass
RIVER TONE	HAYDON HILL STREAM-GREENHAM WEIR	51002900	51006000	ST 0780 2020	Fail	Pass	Fail	Pass
RIVER TONE	BISHOPS HULL - TAUNTON STW	51007100	51007100	ST 2500 2570	Pass	Pass	Pass	Pass
HILLFARRANCE BROOK	DOWN STREAM MILVERTON STW-CONF RIVER TONE	51201500	51201400	ST 1360 2590	Fail	Pass	Pass	Fail
HILLFARRANCE BROOK	FORD - UP STREAM MILVERTON STW	51201400	51201500	ST 1340 2590	Pass	Pass	Pass	Fail
HALSE WATER	HALSE - CONFLUENCE RIVER TONE	51272500	51272500	ST 1720 2690	Fail	Pass	Pass	Pass
BACK STREAM	COMBE FLOREY - CONFLUENCE HALSE WATER	51382600	51382600	ST 1910 2810	Fail	Pass	Pass	Pass

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WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER ISLE	IFORD BRIDGE - CONF FIVEHEAD RIVER	52032700	52032700	ST 3580 1970	Pass	Pass	Fail	Pass
RIVER ISLE	CONF FIVEHEAD RIVER - CONFLUENCE RIVER PARRETT	52033400	52033400	ST 4160 2350	Fail	Fail	Pass	Pass
FIVEHEAD RIVER	CONFLUENCE - CONFLUENCE RIVER ISLE	52042200	52042200	ST 3570 2180	Pass	Pass	Pass	Pass
RIVER DING	ILTON - CONFLUENCE RIVER ISLE	52091100	52091100	ST 3630 1830	Pass	Pass	Fail	Pass
BRIDGWATER-TAUNTON CANAL	FIREPOOL - NORTH NEWTON	52301800	52301800	ST 3030 3110	Pass	Pass	Pass	Pass
BRIDGWATER-TAUNTON CANAL	NORTH NEWTON - BRIDGWATER	52303000	52303000	ST 2940 3660	Pass	Fail	Pass	Pass
CANNINGTON BROOK	D/S ASHFORD RESERVOIR - CANNINGTON	52331500	52330900	ST 2590 3940	Fail	Pass	Pass	Pass
CANNINGTON BROOK	ABSLEY FARM - U/S ASHFORD RESERVOIR	52330900	52331500	ST 2300 3830	Pass	Pass	Pass	Pass
RIVER PARRETT	SOUTH PERROT - A303 ROAD BRIDGE	53001700	53001700	ST 4610 1440	Fail	Pass	Fail	Fail
RIVER PARRETT	A303 ROAD BRIDGE - THORNY BRIDGE	53002900	53002900	ST 4270 2290	Pass	Pass	Pass	Pass
RIVER PARRETT	THORNY BRIDGE - OATH SLUICE	53003500	53003500	ST 4150 2660	Pass	Pass	Pass	Pass
RIVER YEO	MILBOURNE WICK - U/S SHERBOURNE LAKE	54001200	54001200	ST 6760 1830	Fail	Fail	Fail	Pass
RIVER YEO	SHERBOURNE - A30 ROAD BRIDGE YEOVIL	54002500	54002500	ST 6030 1380	Fail	Pass	Fail	Pass
RIVER YEO	BRADFORD ABBAS - YEOVIL	54003200	54003200	ST 5730 1600	Pass	Pass	Pass	Pass
RIVER YEO	ILCHESTER - CONFLUENCE WITH RIVER PARRETT	54005100	54004200	ST 4280 2600	Pass	Pass	Fail	Pass
RIVER YEO	YEOVIL - ILCHESTER	54004200	54005100	ST 5220 2280	Pass	Pass	Pass	Pass
SUTTON BINGHAM STREAMS	- CHILBOROUGH STREAM	54140600	54140600	ST 5430 0820	Pass	Pass	Fail	Pass
SUTTON BINGHAM STREAMS	D/S SB RESERVOIR - CONFLUENCE RIVER YEO	54141700	54141700	ST 5680 1390	Fail	Pass	Fail	Pass
SUTTON BINGHAM STREAMS	- CORSCOMBE STREAM	54160900	54160900	ST 5430 0910	Fail	Fail	Pass	Pass
SUTTON BINGHAM STREAMS	- HALSTOCKLEIGH STREAM	54170100	54170100	ST 5200 0560	Pass	Pass	Fail	Pass
RIVER CAM	CONFLUENCE UPSTREAM SPARKFORD - WEST CAMEL	54331500	54331500	ST 5970 2510	Fail	Fail	Fail	Pass
RIVER CAM	WEST CAMEL - CONFLUENCE RIVER YEO	54332000	54332000	ST 5650 2390	Pass	Pass	Pass	Pass
RIVER CARY - K.S.D.	CRADLE BRIDGE - HENLEY CORNER	55005500	55005500	ST 4260 3330	Pass	Pass	Fail	Pass
KINGS SEDGEMOOR	HENLEY CORNER - DUNBALL SLUICE	55006500	55006500	ST 3300 4000	Pass	Pass	Fail	Fail
SOUTH DRAIN	CATCOTT BRIDGE - GOLD CORNER PS	56000700	56000700	ST 3920 4270	-	Fail	Pass	Fail
HUNTSPILL RIVER	GOLD CORNER PS - TIDAL SLUICE	56001500	56001500	ST 3030 4520	-	Fail	Pass	Fail
CRIPPS RIVER	CONFLUENCE RIVER BRUE - CONFLUENCE HUNTSPILL RIVER	56050100	56050100	ST 3680 4440	-	Pass	Pass	Fail
RIVER BRUE	ALFORD - BALTONSBOROUGH	56102010	56100900	ST 533 347	-	-	-	-
RIVER BRUE	COW BRIDGE WEIR- HACKNESS SLUICE	56103500	56101500	ST 3460 4580	-	Pass	Pass	Fail
RIVER BRUE	SHEEPHOUSE FARM BRUTON - WADHAM FARM STREAM	56100900	56102010	ST 6750 3430	-	-	Fail	Pass
RIVER BRUE	WADHAM FARM STREAM- ALFORD	56101500	56102500	ST 6050 3270	-	Pass	Pass	Fail
RIVER BRUE	BALTONSBOROUGH - COW BRIDGE WEIR	56102500	56103500	ST 5030 3750	-	Pass	Pass	Fail
RIVER ALHAM	CONFLUENCE EVERCREECH STREAM - CONFLUENCE RIVER BRUE	56160950	56160950	ST 6060 3290	-	Fail	Pass	Fail
RIVER ALHAM	HIGHER ALHAM FARM - CONFLUENCE EVERCREECH STREAM	56161300	56161300	ST 6470 3680	-	-	-	Pass
RIVER SHEPPEY	COXLEY - CONFLUENCE RIVER BRUE	56273100	56273100	ST 4730 4270	-	Pass	Pass	Fail
NORTH DRAIN	HURN FARM - CONFLUENCE RIVER BRUE	56310700	56310700	ST 4010 4540	-	Pass	Pass	Fail
RIVER AXE	WOOKEY HOLE - CONFLUENCE 2 BRANCHES (BOTH BRANCHES)	57010200	57000500	ST 4820 4530	-	Fail	Fail	Fail

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WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER AXE	CONFLUENCE 2 BRANCHES (BOTH BRANCHES) - BREAN CROSS SLUICE	57001300	57000900	ST 3660 5530	-	Pass	Pass	Fail
RIVER AXE	CONFLUENCE 2 BRANCHES (BOTH BRANCHES) - BREAN CROSS SLUICE	57000900	57001300	ST 4420 5100	-	Pass	Fail	Fail
RIVER AXE	WOOKEY HOLE - CONFLUENCE 2 BRANCHES	57000500	57010200	ST 5270 4600	-	Fail	Fail	Fail
CHEDDAR YEO	SOURCE - CHEDDAR STW	57070400	57070400	ST 4480 5230	-	Pass	Fail	Pass
CHEDDAR YEO	- CONFLUENCE AXE	57070900	57070900	ST 4110 5450	-	Pass	Pass	Fail
RIVER BANWELL	CONFLUENCE TOWERHEAD BROOK - CONFLUENCE WORLE STREAM	58000400	58000400	ST 3830 6260	-	Pass	Fail	Fail
CONGRESBURY YEO	PERRY BRIDGE - CONFLUENCE WRINGTON STREAM	58100700	58100700	ST 4670 6210	-	Pass	Fail	Pass
CONGRESBURY YEO	CONFLUENCE WRINGTON STREAM -	58101000	58101000	ST 4370 6390	-	Pass	Pass	Fail
RIVER KENN(WESSEX)	CHELVEY - SEA	58200450	58200450	ST 436 696				
LAND YEO	TICKENHAM - YEARLING DITCH	58300900	58300900	ST 4590 7180	-	Pass	Pass	Fail
BLIND YEO	CONFLUENCE RIVER KENN - SEA	58301300	58301300	ST 3990 6980	-	Fail	Pass	Fail
PORTBURY DITCH	WALTON IN GORDANO - A369 ROAD BRIDGE	58400500	58400500	ST 4740 7550	-	Pass	Pass	Fail

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WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
RIVER BRISTOL AVON	LIANHAM LOCK, HIGHEST TIDAL POINT ON RIVER AVON.	01010501	01010501	SX 2281 6893	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	TWERTON TO BATHFORD.	01011103	01010802	SX 1855 6494	Pass	Pass	Pass	Pass
LAM BROOK	ASHCOMBE HOUSE - CONFLUENCE RIVER AVON	01011102	01011102	SX 5865 9470	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	DAUNTSEY TO SOMERFORD.	01012301	01011103	SW 6580 2913	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	BITTON TO TWERTON.	01010802	01011402	SX 1593 6795	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	FRESHFORD-WOODSIDE TO MONKTON HOUSE.	01011604	01011604	SW 8713 4706	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	SCOTLAND ROAD TO LACKHAM.	01012003	01011701	SW 8220 4310	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	LACKHAM TO LOWER SEAGRY.	01012101	01012003	SW 7735 3819	Fail	Pass	Pass	Pass
RIVER BRISTOL AVON	MELKSHAM BYPASS TO SCOTLAND ROAD.	01012013	01012013	SW 8161 4528	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	MONKTON HOUSE TO MELKSHAM BYPASS.	01011701	01012101	SW 8268 4505	Fail	Pass	Pass	Pass
RIVER BRISTOL AVON	BATHFORD TO FRESHFORD.	01011402	01012301	SW 9746 4145	Pass	Pass	Pass	Pass
RIVER BRISTOL AVON	SOMERFORD TO HEADWATERS.	01012401	01012401	SX 1080 6130	Pass	Pass	Pass	Pass
BRISTOL FLOATING HARBOUR	HOTWELLS - CATTLE MARKET	01030105	01030105	SX 563 917	Pass	Pass	Pass	Pass
SISTON BROOK	OLDLAND - CONFLUENCE RIVER AVON	01060105	01060105	SY 7740 9620	Pass	Pass	Pass	Pass
ST CATHERINE'S BROOK	GREY HOUSE - CONFLUENCE RIVER AVON	01160102	01160102	SY 9230 8720	Pass	Pass	Pass	Pass
GAUZE BROOK	- CONFLUENCE RIVER AVON	01520104	01520104	SX 8176 5590	Pass	Pass	Pass	Pass
CHARLTON BROOK	CHARLTON PARK - CONFLUENCE WOODBRIDGE BROOK	01530105	01530105	SS 9358 0167	Pass	Pass	Pass	Pass
RIVER BRISTOL FROME	WINTERBOURNE DOWN - BRISTOL WADE STREET	02030204	02030204	SW 4788 3220	Pass	Pass	Pass	Pass
RIVER BRISTOL FROME	CHIPPING SODBURY - WINTERBOURNE DOWN	02030310	02030310	SW 4812 3115	Pass	Pass	Pass	Pass
BRADLEY BROOK	WINTERBOURNE - RIVER FROME	02040103	02040103	SS 4847 2505	Pass	Pass	Pass	Pass
LADDEN BROOK	LATTERIDGE - CONFLUENCE RIVER FROME	02050102	02050102	SX 5887 9522	Pass	Pass	Pass	Pass
RIVER BOYD	DOYNTON - CONFLUENCE RIVER AVON	03110110	03110110	SX 3033 5450	Pass	Pass	Pass	Pass
BY-BROOK	FORD - CONFL RIVER AVON	04170101	04170101	SY 2623 9538	Pass	Pass	Pass	Pass
BROADMEAD BROOK	WEST KINGTON - CONFLUENCE BY BROOK	04170202	04170202	SS 644 415	Pass	Pass	Pass	Pass
BY BROOK	BURTON - FORD	04170214	04170214	ST 3263 0248	Pass	Pass	Pass	Pass
DONCOMBE BROOK	STREAM CONFLUENCE - CONFLUENCE BY BROOK	04180101	04180101	SS 9228 3425	Pass	Pass	Pass	Pass
SHERSTON AVON	PINKNEY - CONFLUENCE TETBURY AVON	05012802	05012802	SY 7150 9720	Pass	Pass	Pass	Pass
TETBURY AVON	SHIPTON WOOD - CONFLUENCE SHERSTON AVON	06540102	06540102	SU 1490 0710	Pass	Pass	Pass	Fail
RIVER MARDEN	CALNE - CONFLUENCE RIVER AVON	08480103	08480103	ST 4610 1440	Pass	Pass	Pass	Pass
COWAGE BROOK	LOW BRIDGE - CONFLUENCE RIVER MARDEN	08490120	08490120	SS 9357 0762	Pass	Pass	Fail	Pass
SEMINGTON BROOK	CONFLUENCE BULKINGTON DROVE STREAM - CONFLUENCE RIVER AVON	09370107	09370107	SU 0750 0940	Pass	Pass	Pass	Pass
MILEBOURNE STREAM	- CONFLUENCE SEMINGTON BROOK	09370201	09370201	SS 7248 2257	Pass	Pass	Pass	Pass
SEMINGTON BROOK	WORTON COMMON - CONFLUENCE BULKINGTON DROVE STREAM	09370301	09370301	SU 0100 0070	Pass	Pass	Pass	Pass
BULKINGTON DROVE STREAM	- CONFLUENCE SEMINGTON BROOK	09410101	09410101	SY 3395 9258	Pass	Pass	Fail	Pass

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WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
WORTON STREAM	HERON BRIDGE - CONFLUENCE SEMINGTON BROOK	09420103	09420103	ST 5720 7220	Pass	Pass	Fail	Pass
RIVER BISS	BISS BOTTOM - RAILWAY	10340101	10340101	SX 2948 7311	Pass	Pass	Pass	Fail
RIVER BISS	CONFLUENCE BITHAM BROOK - TROWBRIDGE STW	10340303	10340303	SX 3850 6090	Pass	Pass	Pass	Pass
RIVER SOMERSET FROME	WITHAM - TYTHERINGTON	11260412	11260105	ST 6650 8290	Pass	Pass	Pass	Pass
RIVER SOMERSET FROME	TYTHERINGTON - CONFLUENCE RIVER MELLS	11260204	11260204	ST 6810 6990	Pass	Pass	Pass	Pass
RIVER SOMERSET FROME	CONFLUENCE RIVER MELLS - CONFLUENCE RIVER AVON	11260105	11260412	ST 6650 7050	Pass	Pass	Fail	Fail
RODDEN BROOK	CONFLUENCE REDFORD WATER - CONFLUENCE RIVER FROME	11310101	11310101	SU 1550 3020	Pass	Pass	Pass	Pass
MELLS RIVER	VOBSTER - CONFLUENCE RIVER FROME	12270106	12270106	SS 5679 3031	Pass	Pass	Pass	Pass
MELLS RIVER	STOKE BOTTOM - VOBSTER	12270415	12270415	SS 6116 3658	Pass	Pass	Pass	Pass
NUNNEY BROOK	HOLWELL - CONFLUENCE RIVER MELLS	12280103	12280103	SS 7240 4946	Pass	Pass	Pass	Pass
WHATLEY BROOK	ASHAM - CONFLUENCE RIVER MELLS	12290103	12290103	ST 8120 2980	Pass	Pass	Pass	Pass
MIDFORD BROOK	CONFLUENCE WELLOW & CAM BROOKS - CONFLUENCE RIVER AVON	13190103	13190103	SS 5796 2610	Pass	Pass	Pass	Pass
CAM BROOK	CAMERTON - CONFLUENCE WELLOW BROOK	13190204	13190204	SY 2808 9820	Pass	Pass	Pass	Pass
WELLOW BROOK	STONY LITTLETON - CONFLUENCE CAM BROOK	13200256	13200256	ST 8640 0860	Pass	Pass	Pass	Pass
RIVER CHEW	CONFLUENCE TUCKING MILL STREAM - CONFLUENCE RIVER AVON	14070115	14070103	ST 9660 8320	Pass	Pass	Pass	Pass
RIVER CHEW	CONFLUENCE WINFORD BROOK - CONFL TUCKING MILL STREAM	14070103	14070115	ST 6480 7000	Pass	Pass	Pass	Pass
WINFORD BROOK	WINFORD - CONFLUENCE RIVER CHEW	14090103	14090103	SZ 1270 9700	Pass	Pass	Pass	Pass
LITTLE AVON	D/S WICKWAR - CONFL OZLEWORTH BROOK	23130502	23130424	SS 6729 0659	Pass	Pass	Pass	Fail
LITTLE AVON	CONFL OZLEWORTH BROOK TO SEA	23130424	23130502	SS 6603 1732	Pass	Pass	Pass	Fail
TORTWORTH LAKE LEYHILL	TORTWORTH LAKE - CROMHALL	23160109	23160109	SY 7110 8890	Pass	Pass	Pass	Pass
HAWKCOMBE STREAM	HOME BUSH WOOD - SEA	50000500	50000500	SX 7189 7196	Pass	Pass	Pass	Pass
HORNER WATER	HORNER WOOD - SEA	50011100	50011100	SX 7126 5845	Pass	Pass	Pass	Pass
ALLER STREAM	CONFLUENCE - CONFLUENCE WITH HORNER WATER	50041000	50041000	SY 040 839	Pass	Pass	Pass	Pass
RIVER AVILL	STEART - SEA	50101900	50101900	SX 552 680	Pass	Pass	Pass	Pass
PILL RIVER	RODHUISH - LINT.	50170400	50170400	ST 0708 1780	Pass	Pass	Pass	Pass
WASHFORD RIVER	KINGSBRIDGE - PAPER MILL	50181200	50181200	ST 7850 1360	Pass	Pass	Pass	Pass
DONIFORD STREAM	FLAXPOOL - SEA	50191600	50190800	SX 6775 8791	Pass	Pass	Pass	Pass
DONIFORD STREAM	FLAXPOOL - SEA	50190800	50191600	SX 6831 8763	Pass	Pass	Pass	Pass
MONKSILVER STREAM	BIRD'S HILL - CONFLUENCE WITH DONIFORD STREAM	50271000	50271000	SS 6674 1827	Pass	Pass	Pass	Pass
HOLFORD STREAM	HOLFORD - SEA	50290300	50290300	SX 8252 4765	Pass	Pass	Pass	Pass
RIVER TONE	CLATWORTHY-HAYDON HILL STREAM	51001000	51001000	ST 5220 2280	Pass	Pass	Pass	Pass
RIVER TONE	GREENHAM-BISHOPS HULL	51006000	51002900	ST 5650 2390	Pass	Pass	Pass	Pass
RIVER TONE	HAYDON HILL STREAM-GREENHAM WEIR	51002900	51006000	ST 4280 2600	Pass	Pass	Pass	Pass
RIVER TONE	BISHOPS HULL - TAUNTON STW	51007100	51007100	ST 4160 2350	Pass	Pass	Pass	Pass
HILLFARRANCE BROOK	DOWN STREAM MILVERTON STW-CONF RIVER TONE	51201500	51201400	SX 6475 7370	Pass	Pass	Fail	Pass
HILLFARRANCE BROOK	FORD - UP STREAM MILVERTON STW	51201400	51201500	SX 7011 7390	Pass	Pass	Pass	Pass

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WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
HALSE WATER	HALSE - CONFLUENCE RIVER TONE	51272500	51272500	SX 7168 7508	Pass	Pass	Pass	Pass
BACK STREAM	COMBE FLOREY - CONFLUENCE HALSE WATER	51382600	51382600	SX 805 840	Pass	Pass	Fail	Pass
RIVER ISLE	IFORD BRIDGE - CONF FIVEHEAD RIVER	52032700	52032700	ST 1910 2810	Pass	Pass	Pass	Pass
RIVER ISLE	CONF FIVEHEAD RIVER - CONFLUENCE RIVER PARRETT	52033400	52033400	ST 1720 2690	Pass	Pass	Pass	Pass
FIVEHEAD RIVER	CONFLUENCE - CONFLUENCE RIVER ISLE	52042200	52042200	SX 8010 6122	Pass	Pass	Fail	Pass
RIVER DING	ILTON - CONFLUENCE RIVER ISLE	52091100	52091100	ST 9440 5810	Pass	Pass	Pass	Pass
BRIDGWATER-TAUNTON CANAL	FIREPOOL - NORTH NEWTON	52301800	52301800	SS 4441 2471	Pass	Pass	Pass	Pass
BRIDGWATER-TAUNTON CANAL	NORTH NEWTON - BRIDGWATER	52303000	52303000	SS 387 201	Pass	Pass	Pass	Pass
CANNINGTON BROOK	D/S ASHFORD RESERVOIR - CANNINGTON	52331500	52330900	SY 1280 8780	Pass	Pass	Pass	Pass
CANNINGTON BROOK	ABSLEY FARM - U/S ASHFORD RESERVOIR	52330900	52331500	SS 8570 3812	Pass	Pass	Pass	Pass
RIVER PARRETT	SOUTH PERROT - A303 ROAD BRIDGE	53001700	53001700	ST 693 953	Pass	Pass	Pass	Pass
RIVER PARRETT	A303 ROAD BRIDGE - THORNY BRIDGE	53002900	53002900	ST 533 347	Pass	Pass	Pass	Pass
RIVER PARRETT	THORNY BRIDGE - OATH SLUICE	53003500	53003500	ST 436 696	Pass	Pass	Pass	Pass
RIVER YEO	MILBOURNE WICK - U/S SHERBOURNE LAKE	54001200	54001200	SU 0410 2540	Pass	Pass	Pass	Pass
RIVER YEO	SHERBOURNE - A30 ROAD BRIDGE YEOVIL	54002500	54002500	ST 9720 2990	Pass	Pass	Pass	Fail
RIVER YEO	BRADFORD ABBAS - YEOVIL	54003200	54003200	SU 0950 3100	Pass	Pass	Pass	Pass
RIVER YEO	ILCHESTER - CONFLUENCE WITH RIVER PARRETT	54005100	54004200	ST 9080 4320	Pass	Pass	Pass	Pass
RIVER YEO	YEOVIL - ILCHESTER	54004200	54005100	ST 8680 4120	Pass	Pass	Pass	Pass
SUTTON BINGHAM STREAMS	- CHELBOROUGH STREAM	54140600	54140600	SY 4650 9220	Pass	Pass	Pass	Pass
SUTTON BINGHAM STREAMS	D/S SB RESERVOIR - CONFLUENCE RIVER YEO	54141700	54141700	SU 1460 1410	Pass	Pass	Fail	Pass
SUTTON BINGHAM STREAMS	- CORSCOMBE STREAM	54160900	54160900	SY 4720 9290	Pass	Pass	Fail	Pass
SUTTON BINGHAM STREAMS	- HALSTOCKLEIGH STREAM	54170100	54170100	SU 1330 5600	Pass	Pass	Pass	Pass
RIVER CAM	CONFLUENCE UPSTREAM SPARKFORD - WEST CAMEL	54331500	54331500	SX 0433 6731	Pass	Pass	Pass	Pass
RIVER CAM	WEST CAMEL - CONFLUENCE RIVER YEO	54332000	54332000	SX 0888 7390	Pass	Pass	Pass	Pass
RIVER CARY - KING'S SEDGEMOOR DRAIN	CRADLE BRIDGE - HENLEY CORNER	55005500	55005500	SX 4461 9423	Pass	Pass	Pass	Pass
KING'S SEDGEMOOR	HENLEY CORNER - DUNBALL SLUICE	55006500	55006500	SS 4392 2241	Fail	Pass	Fail	Fail
SOUTH DRAIN	CATCOTT BRIDGE - GOLD CORNER PS	56000700	56000700	SY 5970 9770	Fail	Pass	Pass	Pass
HUNTSPILL RIVER	GOLD CORNER PS - TIDAL SLUICE	56001500	56001500	SX 6321 5188	Pass	Pass	Pass	Pass
CRIPPS RIVER	CONFLUENCE RIVER BRUE - CONFLUENCE HUNTSPILL RIVER	56050100	56050100	SS 9562 1258	Pass	Pass	Pass	Pass
RIVER BRUE	ALFORD - BALTONSBOROUGH	56102010	56100900	SW 7560 5407	Pass	Pass	Pass	Pass
RIVER BRUE	COW BRIDGE WEIR- HACKNESS SLUICE	56103500	56101500	SX 0887 7785	Pass	Pass	Pass	Pass
RIVER BRUE	SHEEPHOUSE FARM BRUTON - WADHAM FARM STREAM	56100900	56102010	SW 5692 3807	Pass	Pass	Pass	Pass
RIVER BRUE	WADHAM FARM STREAM- ALFORD	56101500	56102500	SW 8468 6232	Pass	Pass	Pass	Pass
RIVER BRUE	BALTONSBOROUGH - COW BRIDGE WEIR	56102500	56103500	SW 8493 6716	Pass	Pass	Pass	Pass
RIVER ALHAM	CONFLUENCE EVERCREECH STREAM - CONFLUENCE RIVER BRUE	56160950	56160950	SW 502 393	Pass	Pass	Pass	Pass
RIVER ALHAM	HIGHER ALHAM FARM - CONFLUENCE EVERCREECH STREAM	56161300	56161300	SW 437 289	Pass	Pass	Pass	Pass
RIVER SHEPPEY	COXLEY - CONFLUENCE RIVER BRUE	56273100	56273100	ST 9790 8230	Pass	Pass	Pass	Pass

NORTH WESSEX EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
NORTH DRAIN	HURN FARM - CONFLUENCE RIVER BRUE	56310700	56310700	SS 6583 1582	Fail	Pass	Pass	Pass
RIVER AXE	WOOKEY HOLE - CONFLUENCE 2 BRANCHES (BOTH BRANCHES)	57010200	57000500	SX 3938 8538	Fail	Pass	Pass	Pass
RIVER AXE	CONFLUENCE 2 BRANCHES (BOTH BRANCHES) - BREAN CROSS SLUICE	57001300	57000900	SX 3517 8478	Pass	Pass	Pass	Pass
RIVER AXE	CONFLUENCE 2 BRANCHES (BOTH BRANCHES) - BREAN CROSS SLUICE	57000900	57001300	SX 4031 8629	Pass	Pass	Pass	Pass
RIVER AXE	WOOKEY HOLE - CONFLUENCE 2 BRANCHES (BOTH BRANCHES)	57000500	57010200	SX 3892 8480	Fail	Pass	Fail	Pass
CHEDDAR YEO	SOURCE - CHEDDAR STW	57070400	57070400	SX 9255 9147	Pass	Pass	Pass	Pass
CHEDDAR YEO	- CONFLUENCE AXE	57070900	57070900	SX 9660 8343	Pass	Pass	Pass	Pass
RIVER BANWELL	CONFLUENCE TOWERHEAD BROOK - CONFLUENCE WORLE STREAM	58000400	58000400	SX 3600 8631	Pass	Pass	Fail	Fail
CONGRESBURY YEO	PERRY BRIDGE - CONFLUENCE WRINGTON STREAM	58100700	58100700	SX 9005 9675	Pass	Pass	Pass	Pass
CONGRESBURY YEO	CONFLUENCE WRINGTON STREAM -	58101000	58101000	SX 8560 9910	Pass	Pass	Pass	Pass
RIVER KENN (WESSEX)	CHELVEY - SEA	58200450	58200450	ST 6750 3430	Pass	Pass	Pass	Pass
LAND YEO	TICKENHAM - YEARLING DITCH	58300900	58300900	SS 5313 0525	Pass	Pass	Pass	Pass
BLIND YEO	CONFLUENCE RIVER KENN - SEA	58301300	58301300	SX 687 712	Pass	Pass	Pass	Pass
PORTBURY DITCH	WALTON IN GORDANO - A369 ROAD BRIDGE	58400500	58400500	SS 9629 1238	Pass	Pass	Pass	Fail

SOUTH WESSEX AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
EASTERN AVON	SWAN BRIDGE PEWSEY - SCALES BRIDGE	30088000	30088000	SU 1330 5600	Pass	Pass	Pass	Pass
RIVER AVON	ASHFORD WATER-RINGWOOD A31 BRIDGE	30214000	30105000	SU 1430 0520	Pass	Pass	Pass	Pass
RIVER AVON	AVON RESERVOIR	R08B031	30106000	SX 679 653	Fail	Fail	Pass	Fail
RIVER AVON	STRATFORD SUB CASTLE-EAST HARNHAM A30 BRIDGE	30108000	30107000	SU 1460 2910	Pass	Pass	Pass	Pass
RIVER AVON	RINGWOOD-PUREWELL CHRISTCHURCH	30218000	30108000	SZ 1550 9370	Pass	Pass	Fail	Pass
NINE MILE RIVER	SHEEP BRIDGE - CONFLUENCE RIVER AVON	30115000	30115000	SU 1690 4380	Pass	Pass	Pass	Pass
RIVER WYLYE	WARMINSTER - HEYTSBURY	30125000	30122000	ST 9080 4320	Pass	Pass	Pass	Pass
RIVER WYLYE	SOUTH NEWTON - CONFLUENCE RIVER NADDER	30245000	30125000	SU 1070 3080	Pass	Fail	Pass	Pass
RIVER WYLYE	LONGBRIDGE DEVERILL - U/S WARMINSTER	30122000	30128000	ST 8680 4120	Pass	Pass	Pass	Pass
RIVER TILL	WINTERBOURNE SOKE - CONFLUENCE RIVER WYLYE	30146000	30146000	SU 0690 3700	Pass	Pass	Pass	Pass
RIVER BOURNE	PORTON - CONFLUENCE RIVER AVON	30159000	30159000	SU 1550 3020	Pass	Pass	Pass	Pass
RIVER AVON	AMESBURY-STRATFORD SUB CASTLE	30106000	30202000	SU 1290 3300	Pass	Pass	Pass	Pass
RIVER AVON	FIGHELDEAN-WEST AMESBURY	30107000	30208000	SU 1490 4100	Pass	Pass	Pass	Pass
RIVER AVON	EAST HARNHAM-BODENHAM	30202000	30211000	SU 1720 2670	Pass	Pass	Pass	Pass
RIVER AVON	AVON RESERVOIR OUTFLOW - HORSEBROOK	R08B002	30214000	SX 7126 5845	-	-	-	Pass
RIVER AVON	HALE PARK-CONF ASHFORD WATER	30211000	30218000	SU 1490 1420	Pass	Pass	Pass	Pass
RIVER NADDER	DINTON SLUICE - CONFLUENCE RIVER AVON	30239000	30236000	SU 0950 3100	Pass	Pass	Pass	Pass
RIVER NADDER	TISBURY - DINTON SLUICE	30236000	30239000	ST 9720 2990	Pass	Pass	Pass	Pass
RIVER WYLYE	HEYTSBURY - SOUTH NEWTON	30128000	30245000	SU 0880 3380	Pass	Pass	Pass	Pass
RIVER EBBLE	BROAD CHALKE - CONFLUENCE RIVER AVON	30263000	30258000	SU 0410 2540	Pass	Pass	Pass	Pass
RIVER EBBLE	MOUNT SORREL-BROAD CHALKE	30258000	30263000	SU 1660 2640	Pass	Pass	Pass	Pass
ASHFORD WATER	DAMERHAM - CONFLUENCE HAMPSHIRE AVON	30289000	30289000	SU 1460 1410	Pass	Pass	Pass	Pass
DITCHEND BROOK	STUCKTON - CONFLUENCE HAMPSHIRE AVON	30290000	30290000	SU 1510 1330	Pass	Pass	Pass	Pass
HUCKLES BROOK	OGDENS - CONFLUENCE HAMPSHIRE AVON	30291000	30291000	SU 1520 1060	Fail	Pass	Pass	Pass
DOCKENS WATER	ROCKFORD - CONFLUENCE HAMPSHIRE AVON	30294000	30294000	SU 1490 0710	Pass	Pass	Pass	Pass
LINFORD BROOK	NORTH POULNER - CONFLUENCE HAMPSHIRE AVON	30295000	30295000	SU 1500 0620	Pass	Pass	Pass	Pass
RIPLEY BROOK	ROAD BRIDGE - CONFLUENCE HAMPSHIRE AVON	30298000	30298000	SZ 1560 9680	Fail	Pass	Pass	Pass
RIVER STOUR	MARNHULL - KINGS MILL	30311000	30307000	ST 7660 1710	Pass	Pass	Pass	Pass
RIVER STOUR	ECCLIFFE - MARNHULL	30310000	30310000	ST 7670 2010	-	Pass	Pass	Pass
RIVER STOUR	DURWESTON - SPETISBURY	30413000	30311000	ST 9190 0200	Pass	Pass	Pass	Pass
RIVER STOUR	KINGS MILL - STURMINSTER NEWTON	30313000	30313000	ST 7850 1360	Pass	Pass	Pass	Pass
RIVER STOUR	WIMBORNE MINSTER - LONGHAM	30423000	30319000	SZ 0650 9730	Pass	Pass	Pass	Pass
SHREEN WATER	FOREST SIDE - CONFLUENCE RIVER STOUR	30325000	30325000	ST 8120 2980	Pass	Fail	Pass	Pass
RIVER LYDDEN	CONFLUENCE LYDDEN & TRIB - CONFLUENCE CAUNDLE BROOK	30455000	30368000	ST 7510 1380	Pass	Pass	Pass	Pass
RIVER STOUR	GILLINGHAM - ECCLIFFE	30307000	30413000	ST 7980 2530	Pass	Pass	Pass	Pass
RIVER STOUR	SPETIBURY - WIMBORNE MINSTER	30420000	30420000	SZ 0160 9920	Pass	Pass	Pass	Pass
RIVER STOUR	LONGHAM - HOLDENHURST STW	30431000	30423000	SZ 1330 9590	Pass	Pass	Pass	Pass
RIVER STOUR	STURMINSTER NEWTON - DURWESTON	30319000	30431000	ST 8640 0860	Pass	Fail	Pass	Pass

SOUTH WESSEX AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
CAUNDLE BROOK	CONFLUENCE CAUNDLE & CAM - CONFLUENCE RIVER LYDDEN	30448000	30448000	ST 7330 1430	Pass	Pass	Pass	Pass
RIVER LYDDEN	CONFLUENCE CAUNDLE BROOK - RIVER STOUR	30368000	30455000	ST 7640 1560	Pass	Pass	Pass	Pass
RIVER IWERNE	STEPLETON HOUSE - CONFLUENCE RIVER STOUR	30468000	30468000	ST 8590 0950	Pass	Pass	Pass	Pass
NORTH WINTERBOURNE	MARSH BRIDGE - CONFLUENCE RIVER STOUR	30474000	30474000	ST 9430 9970	Pass	Pass	Pass	Fail
RIVER TARRANT	TARRANT MONKTON - CONFLUENCE RIVER STOUR	30478000	30478000	ST 9330 0450	Pass	Fail	Pass	Pass
RIVER ALLEN	IDLESS BRIDGE - NTL	R19D004	30489000	SW 8268 4505	Pass	Pass	Pass	Pass
RIVER CRANE	PINNOCKS MOOR - CONFLUENCE MOORS RIVER	30491000	30491000	SU 0750 0940	Pass	Pass	Pass	Pass
MOORS RIVER	CONFLUENCE MOORS RIVER & UDDENS W - CONFLUENCE RIVER STOUR	30498000	30498000	SZ 1270 9700	Pass	Pass	Pass	Pass
RIVER FROME	HOLME BRIDGE - WAREHAM	30515000	30503000	SY 9230 8720	Pass	Pass	Pass	Pass
RIVER FROME	CRUXTON - CONF RIVER CERNE	30505000	30505000	SY 6670 9260	Pass	Pass	Pass	Pass
RIVER FROME	MAIDEN NEWTON - CRUXTON	30503000	30510000	SY 5970 9770	Pass	Pass	Pass	Pass
RIVER FROME	CONF RIVER CERNE - EAST BURTON	30510000	30512000	SY 8180 8770	Pass	Pass	Pass	Pass
RIVER FROME	EAST BURTON - HOLME BRIDGE	30512000	30515000	SY 8720 8700	Pass	Pass	Pass	Pass
RIVER HOOKE	TOLLER PORCUM - CONFLUENCE RIVER FROME	30538000	30538000	SY 5960 9760	Pass	Pass	Pass	Pass
SYDLING WATER	SYDLING ST NICHOLAS - CONFLUENCE RIVER FROME	30548000	30548000	SY 6390 9480	Pass	Pass	Pass	Pass
RIVER CERNE	CERNE ABBAS - CONFLUENCE RIVER FROME	30558000	30558000	SY 6790 9270	Pass	Pass	Pass	Pass
SOUTH WINTERBOURNE	WINTERBOURNE MONKTON - CONFLUENCE DORSET FROME	30565000	30565000	SY 7110 8890	-	-	Pass	Pass
TADNOL BROOK	MILL HOUSE - CONFLUENCE RIVER FROME	30574000	30574000	SY 7620 8740	Pass	Pass	Pass	Pass
RIVER PIDDLE	WATERSTON MANOR - CONF BERE REGIS STREAM	30610000	30604000	SY 8300 9330	Fail	Pass	Pass	Pass
RIVER PIDDLE	CONF BERE REGIS STREAM - WAREHAM	30615000	30610000	SY 9170 8770	Pass	Pass	Pass	Pass
RIVER PIDDLE	PIDDLETRENTHIDE - WATERSTON MANOR	30604000	30615000	SY 7150 9720	Pass	Pass	Pass	Pass
DEVILS BROOK	DEWLISH - CONFLUENCE RIVER PIDDLE	30623000	30623000	SY 7740 9620	Pass	Pass	Pass	Pass
RIVER WEY	UPWEY - RADIPOLE	30701000	30701000	SY 5720 7220	-	Pass	Pass	Fail
RIVER BRIT	CONFLUENCE STOKE WATER & RIVER BRIT - WEST BAY	30756000	30756000	SY 4650 9220	-	Pass	Pass	Pass
RIVER ASKER	CONFLUENCE - CONFLUENCE RIVER BRIT	30776000	30776000	SY 4720 9290	-	Pass	Pass	Pass
SHERFORD RIVER	SHERFORD BRIDGE - CONFLUENCE POOLE HARBOUR	30792000	30792000	SY 9190 9270	-	Pass	Pass	Pass

SOUTH WESSEX EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
EASTERN AVON	SWAN BRIDGE PEWSEY - SCALES BRIDGE	30088000	30088000	SX 6720 7320	Pass	Pass	Pass	Pass
RIVER AVON	ASHFORD WATER-RINGWOOD A31 BRIDGE	30214000	30105000	SX 2706 8175	Pass	Pass	Pass	Pass
RIVER AVON	AVON RESERVOIR	R08B031	30106000	SX 5237 5867	Dero	Dero	Dero	Pass
RIVER AVON	STRATFORD SUB CASTLE-EAST HARNHAM A30 BRIDGE	30108000	30107000	SX 4983 7618	Pass	Pass	Pass	Pass
RIVER AVON	RINGWOOD-PUREWELL CHRISTCHURCH	30218000	30108000	SX 3588 7706	Pass	Pass	Pass	Pass
NINE MILE RIVER	SHEEP BRIDGE - CONFLUENCE RIVER AVON	30115000	30115000	SS 7316 2435	Pass	Pass	Pass	Pass
RIVER WYLYE	WARMINSTER - HEYTSBURY	30125000	30122000	SU 1770 1860	Pass	Pass	Pass	Pass
RIVER WYLYE	SOUTH NEWTON - CONFLUENCE RIVER NADDER	30245000	30125000	SU 1430 0520	Pass	Pass	Pass	Pass
RIVER WYLYE	LONGBRIDGE DEVERILL - U/S WARMINSTER	30122000	30128000	SU 1720 2670	Pass	Pass	Pass	Pass
RIVER TILL	WINTERBOURNE SOKE - CONFLUENCE RIVER WYLYE	30146000	30146000	ST 5730 1600	Pass	Pass	Pass	Pass
RIVER DOURNE	PORTON - CONFLUENCE RIVER AVON	30159000	30159000	SX 2610 7723	Pass	Pass	Pass	Pass
RIVER AVON	AMESBURY-STRATFORD SUB CASTLE	30106000	30202000	SX 4666 7193	Pass	Pass	Pass	Pass
RIVER AVON	FIGHELDEAN-WEST AMESBURY	30107000	30208000	SX 4900 7098	Pass	Pass	Pass	Pass
RIVER AVON	EAST HARNHAM-BODENHAM	30202000	30211000	SS 2835 0548	Pass	Pass	Pass	Pass
RIVER AVON	AVON RESERVOIR OUTFLOW - HORSEBROOK	R08B002	30214000	SX 5330 6375	Pass	Pass	Pass	Fail
RIVER AVON	HALE PARK-CONF ASHFORD WATER	30211000	30218000	SX 4332 7224	Pass	Pass	Pass	Pass
RIVER NADDER	DINTON SLUICE - CONFLUENCE RIVER AVON	30239000	30236000	ST 4670 6210	Pass	Pass	Pass	Pass
RIVER NADDER	TISBURY - DINTON SLUICE	30236000	30239000	ST 4480 5230	Pass	Pass	Pass	Pass
RIVER WYLYE	HEYTSBURY - SOUTH NEWTON	30128000	30245000	SU 1490 1420	Pass	Pass	Pass	Pass
RIVER EBBLE	BROAD CHALKE - CONFLUENCE RIVER AVON	30263000	30258000	ST 8660 5510	Pass	Pass	Pass	Pass
RIVER EBBLE	MOUNT SORREL-BROAD CHALKE	30258000	30263000	ST 9430 5780	Pass	Pass	Pass	Pass
ASHFORD WATER	DAMERHAM - CONFLUENCE HAMPSHIRE AVON	30289000	30289000	SX 806 824	Pass	Pass	Pass	Pass
DITCHEND BROOK	STUCKTON - CONFLUENCE HAMPSHIRE AVON	30290000	30290000	SS 9376 2659	Pass	Pass	Pass	Pass
HUCKLES BROOK	OGDENS - CONFLUENCE HAMPSHIRE AVON	30291000	30291000	SX 7145 4725	Fail	Pass	Pass	Pass
DOCKENS WATER	ROCKFORD - CONFLUENCE HAMPSHIRE AVON	30294000	30294000	SS 9591 2948	Pass	Pass	Pass	Pass
LINFORD BROOK	NORTH POULNER - CONFLUENCE HAMPSHIRE AVON	30295000	30295000	SS 3495 1776	Pass	Pass	Pass	Pass
RIPLEY BROOK	ROAD BRIDGE - CONFLUENCE HAMPSHIRE AVON	30298000	30298000	SX 233 704	Pass	Pass	Pass	Pass
RIVER STOUR	MARNHULL - KINGS MILL	30311000	30307000	ST 8970 6080	Pass	Pass	Pass	Pass
RIVER STOUR	ECCLIFFE - MARNHULL	30310000	30310000	ST 9880 7360	Pass	Pass	Pass	Pass
RIVER STOUR	DURWESTON - SPETISBURY	30413000	30311000	ST 7870 4780	Pass	Pass	Pass	Pass
RIVER STOUR	KINGS MILL - STURMINSTER NEWTON	30313000	30313000	ST 9330 5820	Pass	Pass	Pass	Pass
RIVER STOUR	WIMBORNE MINSTER - LONGHAM	30423000	30319000	ST 3630 1830	Pass	Pass	Pass	Pass
SHREEN WATER	FOREST SIDE - CONFLUENCE RIVER STOUR	30325000	30325000	SY 8300 9330	Pass	Pass	Pass	Pass

SOUTH WESSEX EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
RIVER LYDDEN	CONFLUENCE LYDDEN & TRIB - CONFLUENCE CAUNDLE BROOK	30455000	30368000	ST 1100 3710	Pass	Pass	Pass	Pass
RIVER STOUR	GILLINGHAM - ECCLIFFE	30307000	30413000	ST 9560 7280	Pass	Pass	Pass	Pass
RIVER STOUR	SPETIBURY - WIMBORNE MINSTER	30420000	30420000	ST 6900 9070	Pass	Pass	Pass	Pass
RIVER STOUR	LONGHAM - HOLDENHURST STW	30431000	30423000	ST 3570 2180	Pass	Pass	Pass	Pass
RIVER STOUR	STURMINSTER NEWTON - DURWESTON	30319000	30431000	ST 8500 5850	Pass	Pass	Pass	Pass
CAUNDLE BROOK	CONFLUENCE CAUNDLE & CAM - CONFLUENCE RIVER LYDDEN	30448000	30448000	SS 9301 2447	Pass	Pass	Pass	Pass
RIVER LYDDEN	CONFLUENCE CAUNDLE BROOK - CONFLUENCE RIVER STOUR	30368000	30455000	ST 0880 4290	Fail	Pass	Pass	Pass
RIVER IWERNE	STEPLETON HOUSE - CONFLUENCE RIVER STOUR	30468000	30468000	ST 2590 3940	Pass	Pass	Pass	Pass
NORTH WINTERBOURNE	MARSH BRIDGE - CONFLUENCE RIVER STOUR	30474000	30474000	SS 7198 4854	Pass	Pass	Pass	Pass
RIVER TARRANT	TARRANT MONKTON - CONFLUENCE RIVER STOUR	30478000	30478000	ST 5030 3750	Pass	Pass	Pass	Pass
RIVER ALLEN	IDLESS BRIDGE - NTL	R19D004	30489000	SW 6508 3521	Pass	Pass	Pass	Pass
RIVER CRANE	PINNOCKS MOOR - CONFLUENCE MOORS RIVER	30491000	30491000	ST 8390 7480	Pass	Pass	Pass	Pass
MOORS RIVER	CONFLUENCE MOORS RIVER & UDDENS W - CONFLUENCE RIVER STOUR	30498000	30498000	SS 6755 2299	Pass	Pass	Pass	Pass
RIVER FROME	HOLME BRIDGE - WAREHAM	30515000	30503000	ST 6560 6840	Pass	Pass	Pass	Pass
RIVER FROME	CRUXTON - CONF RIVER CERNE	30505000	30505000	ST 7510 5820	Pass	Pass	Pass	Pass
RIVER FROME	MAIDEN NEWTON - CRUXTON	30503000	30510000	ST 7630 6110	Pass	Pass	Pass	Pass
RIVER FROME	CONF RIVER CERNE - EAST BURTON	30510000	30512000	ST 7610 6060	Pass	Pass	Pass	Pass
RIVER FROME	EAST BURTON - HOLME BRIDGE	30512000	30515000	ST 6220 6420	Pass	Pass	Pass	Fail
RIVER HOOKE	TOLLER PORCUM - CONFLUENCE RIVER FROME	30538000	30538000	ST 2500 2570	Pass	Pass	Pass	Pass
SYDLING WATER	SYDLING ST NICHOLAS - CONFLUENCE RIVER FROME	30548000	30548000	SU 1510 1330	Pass	Pass	Pass	Pass
RIVER CERNE	CERNE ABBAS - CONFLUENCE RIVER FROME	30558000	30558000	SS 2808 1338	Pass	Pass	Pass	Pass
SOUTH WINTERBOURNE	WINTERBOURNE MONKTON - CONFLUENCE DORSET FROME	30565000	30565000	SY 8720 8700	Pass	Pass	Pass	Pass
TADNOL BROOK	MILL HOUSE - CONFLUENCE RIVER FROME	30574000	30574000	SU 1520 1060	Pass	Pass	Pass	Pass
RIVER PIDDLE	WATERSTON MANOR - CONF BERE REGIS STREAM	30610000	30604000	ST 7520 6490	Pass	Pass	Pass	Pass
RIVER PIDDLE	CONF BERE REGIS STREAM - WAREHAM	30615000	30610000	ST 7830 6120	Pass	Pass	Pass	Pass
RIVER PIDDLE	PIDDLETRENTHIDE - WATERSTON MANOR	30604000	30615000	ST 6930 6780	Pass	Pass	Pass	Pass
DEVILS BROOK	DEWLISH - CONFLUENCE RIVER PIDDLE	30623000	30623000	SS 9248 2625	Pass	Pass	Pass	Pass
RIVER WEY	UPWEY - RADIPOLE	30701000	30701000	SU 1550 4790	Pass	Pass	Pass	Pass
RIVER BRIT	CONFLUENCE STOKE WATER & RIVER BRIT - WEST BAY	30756000	30756000	SW 4625 2903	Pass	Pass	Pass	Pass
RIVER ASKER	CONFLUENCE - CONFLUENCE RIVER BRIT	30776000	30776000	SX 5556 6465	Pass	Pass	Pass	Pass
SHERFORD RIVER	SHERFORD BRIDGE - CONFLUENCE POOLE HARBOUR	30792000	30792000	SY 9190 9270	Pass	Pass	Pass	Pass

DEVON AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER LIM	SOURCE - MIW	R01A002	70110111	SY 3395 9258	Pass	Pass	Pass	Pass
RIVER AXE	SEABOROUGH - BROOM	R02C005	70220159	ST 3263 0248	Pass	Pass	Pass	Pass
RIVER COLY	WOODBIDGE - NTL	R02B006	70220505	SY 2535 9270	Pass	Pass	Pass	Pass
RIVER AXE	BROOM - NTL	R02B001	70230122	SY 2623 9538	Pass	Pass	Pass	Pass
RIVER YARTY	NEWHAVEN BRIDGE - CONFLUENCE WITH RIVER AXE	R02D006	70240203	SY 2815 9801	Pass	Pass	Pass	Pass
RIVER CORRY	ROSE FARM - CONFLUENCE WITH RIVER YARTY	R02D002	70240302	SY 2808 9820	Fail	Pass	Pass	Pass
RIVER SID	A3052 BRIDGE SIDFORD - NTL	R03A003	70310107	SY 1280 8780	Pass	Pass	Pass	Pass
KNOWLE BROOK	SQUABMOOR RESERVOIR	R04A007	70410386	SY 040 839	Pass	Pass	Pass	Pass
RIVER YEO (MOLLAND)	DUNSLEY - CONFLUENCE WITH RIVER MOLE	R30F009	70501001	SS 7316 2435	Pass	Pass	Pass	Pass
RIVER KENN	A38 BRIDGE KENNFORD - NTL	R05A002	70512009	SX 9660 8343	Pass	Pass	Pass	Pass
EXETER CANAL	EXETER QUAY - TURF LOCKS	R05A006	70513750	SX 9401 8942	Fail	Pass	Pass	Fail
RIVER CLYST	A30 BRIDGE CLYST HONITON - NTL	R05B007	70522623	SX 9722 9170	-	-	Pass	Pass
RIVER CULM	BRIDGEHOUSE BRIDGE CLAYHIDON - SKINNER'S FARM WILLAND	R05C006	70531215	ST 0431 1016	-	-	Pass	Pass
GRAND WESTERN CANAL	BURNHILL FARM - FENACRE BRIDGE	R05C021	70536080	ST 0708 1780	Fail	Pass	Fail	Pass
RIVER EXE	THORVERTON GUAGING STATION - NTL	R05D004	70540110	SX 9255 9147	Pass	Pass	Pass	Pass
RIVER EXE	EXEBRIDGE - THORVERTON GUAGING STATION	R05D001	70540224	SS 9358 0167	Pass	Pass	Pass	Pass
RIVER DART (EXE)	A373 BRIDGE BRADLEY - CONFLUENCE WITH RIVER EXE	R05D007	70541602	SS 9357 0762	Pass	Pass	Pass	Pass
RIVER EXE	COURT FARM EXFORD - EXEBRIDGE	R05E001	70550329	SS 9301 2447	Pass	Pass	Pass	Pass
RIVER LOWMAN	CRAZE LOWMAN - CONFLUENCE WITH RIVER EXE	R05E011	70551205	SS 9562 1258	Pass	Pass	Pass	Pass
GRAND WESTERN CANAL	FENACRE BRIDGE - THE BASIN TIVERTON	R05E013	70556009	SS 9629 1238	Fail	Pass	Pass	Fail
IRON MILL STREAM	SPIURWAY MILL OAKFORD - CONFLUENCE WITH RIVER EXE	R05E008	70557003	SS 9380 2085	Pass	Pass	Pass	Pass
RIVER BROCKEY	BRUSHFORD - CONFLUENCE WITH RIVER EXE	R05E012	70557413	SS 9243 2450	Pass	Pass	Pass	Pass
RIVER BATHERM	A361 BRIDGE SHILLINGFORD - CONFLUENCE WITH RIVER EXE	R05F003	70561005	SS 9545 2093	Pass	Pass	Pass	Pass
RIVER EXE	BLACKAPITS GATE - COURT FARM EXFORD	WSTW7598B	70570220	SS 8570 3812	-	-	-	Pass
RIVER HADDEO	WIMBLEBALL RESERVOIR	R05G023	70571003	SS 967 293	Pass	Pass	Pass	Pass
RIVER HADDEO	WIMBLEBALL LAKE OUTFLOW - CONFLUENCE WITH RIVER EXE	R05G005	70571055	SS 9376 2659	Pass	Pass	Pass	Pass
RIVER PULHAM	SOURCE - CONFLUENCE WITH RIVER HADDEO	R05G009	70571103	SS 9591 2948	-	-	-	Pass
RIVER QUARME	BUSHIEL BRIDGE WHEDDON CROSS - CONFLUENCE WITH RIVER EXE	R05G006	70571902	SS 9228 3425	Pass	Pass	Pass	Pass
RIVER BARLE	B3358 BRIDGE GOAT HILL - TARR STEPS	R05H002	70581021	SS 8675 3215	Pass	Pass	Pass	-
RIVER BARLE	TARR STEPS - CONFLUENCE WITH RIVER EXE	R05H003	70581085	SS 9248 2625	Pass	Pass	Pass	Pass
DANE'S BROOK	SADDLE LANE HAWKBRIDGE - CONFLUENCE WITH RIVER BARLE	R05H004	70581402	SS 8845 2930	Pass	Pass	Pass	Pass
RIVER CREEDY	CREEDY BRIDGE - CONFLUENCE WITH RIVER EXE	R05J004	70591016	SX 9005 9675	Pass	Pass	Pass	Pass
RIVER TEIGN	CONFLUENCE OF NORTH AND SOUTH TEIGN RIVERS - BRIDFORD BRIDGE	R06C005	70620154	SX 8343 8723	Pass	Pass	Pass	Pass
RIVER LEMON	BELOW CONFLUENCE WITH RIVER SIG - NTL	R06B005	70620509	SX 8532 7099	Pass	Pass	Pass	Pass
RIVER TEIGN	BRIDFORD BRIDGE - NTL	R06B001	70630259	SX 8550 7452	Fail	Fail	Dero	Fail
NORTH TEIGN RIVER	HEW DOWN - CONFLUENCE WITH SOUTH TEIGN RIVER	R06C002	70630270	SX 6775 8791	Fail	Dero	Pass	Pass
BEADON BROOK	TRENCHFORD RESERVOIR	R06C088	70631859	SX 806 824	Fail	Pass	Pass	Pass

DEVON AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
KENNICK STREAM	TOTTIFORD RESERVOIR	R06C049	70631918	SX 8106 8271	Pass	Pass	Pass	Pass
KENNICK STREAM	KENNICK RESERVOIR	R06C092	70631953	SX 805 840	Pass	Pass	Pass	Pass
SOUTH TEIGN RIVER	FERNWORTHY RESERVOIR - CONFLUENCE WITH NORTH TEIGN RIVER	R06C001	70635506	SX 6831 8763	Fail	Pass	Pass	Pass
SOUTH TEIGN RIVER	FERNWORTHY RESERVOIR	R06C079	70635568	SX 667 842	Fail	Fail	Pass	Pass
RIVER BOVEY	BATWORTHY - CONFLUENCE WITH RIVER TEIGN	R06D004	70641010	SX 8447 7605	Pass	Fail	Pass	Pass
RIVER HARBOURNE	HARBOURNEFORD - NTL	R07A003	70711736	SX 7973 5660	Pass	Pass	Pass	Pass
RIVER WASH	WASHBOURNE - NTL	R07A004	70711908	SX 8176 5590	Pass	Pass	Pass	Pass
RIVER DART	CONFLUENCE WITH E & W DART RIVERS - NTL	R07B010	70720104	SX 8010 6122	Pass	Pass	Pass	Pass
WEST DART RIVER	TWO BRIDGES - CONFLUENCE WITH EAST DART RIVER	R07B004	70720277	SX 6588 7292	Fail	Pass	Pass	Pass
RIVER HEMS	BOW CROSS - NTL	R07B012	70721716	SX 8115 6237	Pass	Pass	Pass	Pass
RIVER MARDLE	SOURCE - CONFLUENCE WITH RIVER DART	R07B014	70722402	SX 7472 6612	Pass	Pass	Pass	Pass
RIVER WEBBURN	CONFLUENCE OF E & W WEBBURN RIVERS - CONFLUENCE WITH R DART	R07B015	70722902	SX 7189 7196	Pass	Pass	Pass	Pass
WEST WEBBURN RIVER	LOWER CATOR - CONFLUENCE WITH EAST WEBBURN RIVER	R07B037	70723535	SX 7011 7390	Pass	Pass	Pass	Pass
EAST WEBBURN RIVER	WOODER MANOR - CONFLUENCE WITH WEST WEBBURN RIVER	R07B036	70723712	SX 7168 7508	Pass	Pass	Pass	Pass
VENFORD BROOK	VENFORD RESERVOIR	R07B073	70724052	SX 687 712	Fail	Fail	Pass	Pass
EAST DART RIVER	POSTBRIDGE - CONFLUENCE WITH WEST DART RIVER	R07B002	70724103	SX 6720 7320	Fail	Dero	Pass	Pass
RIVER SWINCOMBE	SWINCOMBE - CONFLUENCE WITH WEST DART RIVER	R07B021	70725203	SX 6475 7370				
THE GARA	SLAPTON LEY	R08A019	70810119	SX 8238 4336	Pass	-	-	Fail
THE GARA	FORDER - HIGHER NORTH MILL	R08A004	70810144	SX 8252 4765	Pass	Pass	Pass	Pass
RIVER AVON	BODENHAM-HALE PARK	30208000	70826005	SU 1770 1860	Pass	Pass	Pass	Pass
RIVER AVON	SCALES BRIDGE - FIGHELDEAN	30105000	70826055	SU 1550 4790	Pass	Pass	Pass	Pass
RIVER AVON	HORSEBROOK - NTL	R08B005	70826092	SX 7145 4725	-	Pass	Pass	Pass
RIVER ERME	HARFORD MOOR - NTL	R09B003	70920104	SX 6321 5188	Pass	Pass	Pass	Pass
GAMMATON STREAM	GAMMATON RESERVOIR	R29A013	72911179	SS 4847 2505	Fail	Fail	Pass	Pass
JENNETT'S STREAM	JENNETT'S RESERVOIR	R29A014	72911724	SS 4441 2471	Pass	Pass	Fail	Pass
RIVER YEO (CREEDY)	GUNSTONE MILLS - CONFLUENCE WITH RIVER CREEDY	R05K005	72911919	SX 8560 9910	Pass	Pass	Pass	Pass
RIVER DUNTZ	CONFLUENCE WITH LYDELAND WATER - CONFLUENCE WITH RIVER YEO	R29A005	72912004	SS 4392 2241	Pass	Pass	Pass	Pass
LYDELAND WATER	TYTHECOTT - CONFLUENCE WITH RIVER DUNTZ	R29A006	72912320	SS 4193 1838	Pass	Pass	Fail	Pass
MELBURY STREAM	MELBURY RESERVOIR	R29C059	72913257	SS 387 201	Fail	Pass	Pass	Pass
RIVER TORRIDGE	NEWBRIDGE - NTL	R29B034	72920121	SS 4737 2092	Fail	Fail	Pass	Pass
RIVER TORRIDGE	KINGSLEY MILL - NEWBRIDGE	R29B001	72920377	SS 5484 1121	Fail	Pass	Pass	Pass
RIVER MERE	A386 BRIDGE MERTON - CONFLUENCE WITH RIVER TORRIDGE	R29B009	72923004	SS 5498 1287	Pass	Pass	Pass	Pass
RIVER TORRIDGE	CONFLUENCE WITH CLIFFORD WATER - KINGSLEY MILL	R29C003	72930188	SS 4696 0608	Pass	Pass	Pass	Pass
RIVER LEW	HOLE STOCK BRIDGE - CONFLUENCE WITH RIVER TORRIDGE	R29C009	72930805	SS 5313 0525	Pass	Pass	Pass	Pass
RIVER WALDON	WALDON BRIDGE - CONFLUENCE WITH RIVER TORRIDGE	R29C012	72934611	SS 4151 0804	Pass	Pass	Pass	Pass
DIPPLE WATER	ALMINSTONE - CONFLUENCE WITH RIVER TORRIDGE	R29C013	72937110	SS 3495 1776	Fail	Fail	Pass	-

DEVON AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
OKEMENT RIVER	CONFLUENCE OF E & W OKEMENT RIVERS - CONFL WITH R TORRIDGE	R29D005	72940121	SS 5847 0340	Fail	Fail	Fail	Pass
WEST OKEMENT RIVER	MELDON RESERVOIR - CONFLUENCE WITH EAST OKEMENT RIVER	R29D002	72940220	SX 5865 9470	Fail	Fail	Fail	Fail
WEST OKEMENT RIVER	MELDON RESERVOIR	R29D064	72940429	SX 563 917	Fail	Fail	Pass	Pass
EAST OKEMENT RIVER	CULLEVER STEPS - CONFLUENCE WITH WEST OKEMENT RIVER	R29D001	72943002	SX 5887 9522	Pass	Pass	Pass	Pass
RIVER CAEN	WEST DOWN - NTL	R30A002	73010851	SS 4855 3572	Pass	Pass	Pass	Pass
KNOWL WATER	HEANTON PUNCHARDON - NTL	R30A006	73011002	SS 4878 3567	Pass	Pass	Pass	Pass
BRADIFORD WATER	MUDDIFORD - NTL	R30A001	73012133	SS 5663 3583	Pass	Pass	Pass	Pass
RIVER VENN	LANDKEY - NTL	R30A004	73012702	SS 5679 3031	Fail	Fail	Fail	Fail
RIVER TAW	TAW BRIDGE - NEWNHAM BRIDGE	R30B003	73020127	SS 6603 1732	Pass	Fail	Pass	Pass
RIVER TAW	NEWNHAM BRIDGE - NTL	R30B014	73020255	SS 5822 2610	Pass	Pass	Pass	Pass
LANGHAM LAKE	LANGRIDGEFORD - CONFLUENCE WITH RIVER TAW	R30B006	73020802	SS 5796 2610	Pass	Pass	Pass	Pass
MULLY BROOK	WINSWOOD - CONFLUENCE WITH RIVER TAW	R30B007	73023505	SS 6583 1582	Pass	Pass	Pass	Pass
RIVER TAW	A.30 BRIDGE AT STICKLEPATH - TAW BRIDGE	R30C005	73030120	SS 6729 0659	Fail	Pass	Pass	Pass
LITTLE DART RIVER	NEW BRIDGE - CONFLUENCE WITH RIVER TAW	R30E003	73050110	SS 6691 1372	Pass	Pass	Pass	Fail
RIVER MOLE	NORTH MOLTON - NEW BRIDGE	R30F004	73060116	SS 7248 2257	Fail	Pass	Pass	Pass
RIVER MOLE	NEW BRIDGE - CONFLUENCE WITH RIVER TAW	R30F006	73060181	SS 6674 1827	Pass	Pass	Pass	Pass
LITTLE SILVER STREAM	ROMANSLEIGH - CONFLUENCE WITH RIVER MOLE	R30F011	73061202	SS 7236 2208	Pass	Pass	Pass	Pass
CROOKED OAK RIVER	YEO BRIDGE AT BISHOPS NYMPTON - CONFLUENCE WITH RIVER MOLE	R30F007	73062502	SS 7247 2228	Pass	Pass	Pass	Pass
RIVER YEO(BARNSTAPLE)	EAST DOWN - NTL	R30H006	73063202	SS 5956 3569	Pass	Pass	Pass	Pass
RIVER BRAY	LEWORTHY BRIDGE - CONFLUENCE WITH RIVER MOLE	R30G004	73070104	SS 6755 2299	Pass	Pass	Pass	Pass
RIVER HOLEWATER	HOLEWATER - CONFLUENCE WITH RIVER BRAY	R30G005	73070503	SS 696 325	Pass	Pass	Pass	Pass
RIVER YEO (BIDEFORD)	FOXDOWN - NTL	R29A003	73080042	SS 4537 2350	Pass	Pass	Pass	Pass
RYE STREAM	WISTLANDPOND RESERVOIR - CONFLUENCE WITH R YEO (BARNSTAPLE)	R30H004	73080902	SS 6116 3658	Pass	Pass	Pass	Fail
RYE STREAM	WISTLANDPOND RESERVOIR	R30H024	73080977	SS 644 415	Pass	Pass	Pass	Pass
WEST WILDER BROOK	LOWER SLADE RESERVOIR	R31A027	73110382	SS 506 457	Pass	Pass	Pass	Pass
EAST LYN RIVER	WEIRWOOD - NTL	R32A002	73210106	SS 7240 4946	Pass	Pass	Pass	Pass
WEST LYN RIVER	CONFLUENCE WITH RIVER BARBROOK - NTL	R32A003	73210209	SS 7198 4854	Pass	Pass	Pass	Pass

DEVON EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
RIVER LIM	SOURCE - MHW	R01A002	70110111	SS 9010 4760	Pass	Pass	Pass	Pass
RIVER AXE	SEABOROUGH - BROOM	R02C005	70220159	SX 2695 8165	Pass	Pass	Pass	Pass
RIVER COLY	WOODBIDGE - NTL	R02B006	70220505	ST 7810 6740	Pass	Pass	Pass	Pass
RIVER AXE	BROOM - NTL	R02B001	70230122	SX 3593 7873	Pass	Pass	Pass	Pass
RIVER YARTY	NEWHAVEN BRIDGE - CONFLUENCE WITH RIVER AXE	R02D006	70240203	SZ 1550 9370	Pass	Pass	Pass	Pass
RIVER CORRY	ROSE FARM - CONFLUENCE WITH RIVER YARTY	R02D002	70240302	ST 8500 7560	Pass	Pass	Pass	Pass
RIVER SID	A3052 BRIDGE SIDFORD - NTL	R03A003	70310107	ST 6450 7950	Pass	Dero	Pass	Pass
KNOWLE BROOK	SQUADMOOR RESERVOIR	R04A007	70410386	SS 5498 1287	Pass	Pass	Pass	Pass
RIVER YEO (CREEDY)	GUNSTONE MILLS TO CONFLUENCE WITH RIVER CREEDY	R05K005	70501001	SS73162435	Pass	Pass	Pass	Pass
RIVER KENN	A38 BRIDGE KENNFORD - NTL	R05A002	70512009	ST 2300 3830	Pass	Pass	Pass	Pass
EXETER CANAL	EXETER QUAY - TURF LOCKS	R05A006	70513750	SX 6588 7292	Pass	Dero	Dero	Fail
RIVER CLYST	A30 BRIDGE CLYST HONITON - NTL	R05B007	70522623	ST 6380 7720	Pass	Pass	Pass	Pass
RIVER CULM	BRIDGEHOUSE BRIDGE CLAYHIDON - SKINNER'S FARM WILLAND	R05C006	70531215	ST 9370 8400	Pass	Pass	Pass	Pass
GRAND WESTERN CANAL	BURNHILL FARM - FENACRE BRIDGE	R05C021	70536080	SX 8115 6237	Fail	Pass	Fail	Pass
RIVER EXE	THORVERTON GUAGING STATION - NTL	R05D004	70540110	ST 7720 4990	Pass	Pass	Pass	Pass
RIVER EXE	EXEBRIDGE - THORVERTON GUAGING STATION	R05D001	70540224	ST 7050 4900	Pass	Pass	Pass	Pass
RIVER DART (EXE)	A373 BRIDGE BRADLEY - CONFLUENCE WITH RIVER EXE	R05D007	70541602	ST 9220 8820	Pass	Pass	Pass	Pass
RIVER EXE	COURT FARM EXFORD - EXEBRIDGE	R05E001	70550329	ST 7920 4750	Pass	Pass	Pass	Pass
RIVER LOWMAN	CRAZE LOWMAN - CONFLUENCE WITH RIVER EXE	R05E011	70551205	SS 9850 4320	Pass	Pass	Pass	Pass
GRAND WESTERN CANAL	FENACRE BRIDGE - THE BASIN TIVERTON	R05E013	70556009	SX 7472 6612	Fail	Pass	Pass	Pass
IRON MILL STREAM	SPURWAY MILL OAKFORD - CONFLUENCE WITH RIVER EXE	R05E008	70557003	SS 4696 0608	Pass	Pass	Pass	Pass
RIVER BROCKEY	BRUSHFORD - CONFLUENCE WITH RIVER EXE	R05E012	70557413	SW 4502 2410	Pass	Pass	Pass	Pass
RIVER BATHERM	A361 BRIDGE SHILLINGFORD - CONFLUENCE WITH RIVER EXE	R05F003	70561005	SX 3195 9741	Pass	Pass	Pass	Pass
RIVER EXE	BLACKAPITS GATE - COURT FARM EXFORD	WSTW7598B	70570220	ST 7910 5990	Pass	Pass	Pass	Pass
RIVER HADDEO	WIMBLEBALL RESERVOIR	R05G023	70571003	ST 5800 6320	Pass	Pass	Pass	Pass
RIVER HADDEO	WIMBLEBALL LAKE OUTFLOW - CONFLUENCE WITH RIVER EXE	R05G005	70571055	ST 7280 9260	Pass	Pass	Pass	Pass
RIVER PULHAM	SOURCE - CONFLUENCE WITH RIVER HADDEO	R05G009	70571103	ST 9000 6380	Pass	Pass	Pass	Pass
RIVER QUARME	BUSHEL BRIDGE WHEDDON CROSS - CONFLUENCE WITH RIVER EXE	R05G006	70571902	ST 9050 6450	Pass	Pass	Pass	Pass
RIVER BARLE	B3358 BRIDGE GOAT HILL - TARR STEPS	R05H002	70581021	SX 3445 8682	Pass	Pass	Pass	Pass
RIVER BARLE	TARR STEPS - CONFLUENCE WITH RIVER EXE	R05H003	70581085	SX 3267 9692	Pass	Pass	Pass	Pass
DANE'S BROOK	SADDLE LANE HAWKBRIDGE - CONFLUENCE WITH RIVER BARLE	R05H004	70581402	SS 9243 2450	Pass	Pass	Pass	Pass
RIVER CREEDY	CREEDY BRIDGE - CONFLUENCE WITH RIVER EXE	R05J004	70591016	ST 8230 7690	Pass	Pass	Pass	Pass
RIVER TEIGN	CONFLUENCE OF NORTH AND SOUTH TEIGN RIVERS - BRIDFORD BRIDGE	R06C005	70620154	ST 3660 5530	Pass	Pass	Pass	Pass
RIVER LEMON	BELOW CONFLUENCE WITH RIVER SIG - NTL	R06B005	70620509	SS 8850 4660	Pass	Fail	Pass	Pass
RIVER TEIGN	BRIDFORD BRIDGE - NTL	R06B001	70630259	ST 4270 2290	Pass	Dero	Pass	Pass
NORTH TEIGN RIVER	HEW DOWN - CONFLUENCE WITH SOUTH TEIGN RIVER	R06C002	70630270	SS 6691 1372	Pass	Dero	Dero	Pass
BEADON BROOK	TRENCHFORD RESERVOIR	R06C088	70631859	SX 8106 8271	Pass	Dero	Pass	Pass
KENNICK STREAM	TOTTIFORD RESERVOIR	R06C049	70631918	SS 4537 2350	Pass	Dero	Pass	Pass

DEVON EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
KENNICK STREAM	KENNICK RESERVOIR	R06C092	70631953	SS 4737 2092	Pass	Pass	Pass	Pass
SOUTH TEIGN RIVER	FERNWORTHY RESERVOIR - CONFLUENCE WITH NORTH TEIGN RIVER	R06C001	70635506	SY 8180 8770	Pass	Dero	Pass	Pass
SOUTH TEIGN RIVER	FERNWORTHY RESERVOIR	R06C079	70635568	SY 6670 9260	Pass	Pass	Pass	Pass
RIVER BOVEY	BATWORTHY - CONFLUENCE WITH RIVER TEIGN	R06D004	70641010	SX 3443 5960	Pass	Pass	Pass	Pass
RIVER HARBOURNE	HARBOURNEFORD - NTL	R07A003	70711736	ST 0530 2860	Pass	Pass	Pass	Pass
RIVER WASH	WASHBOURNE - NTL	R07A004	70711908	ST 3580 1970	Pass	Pass	Pass	Pass
RIVER DART	CONFLUENCE WITH E & W DART RIVERS - NTL	R07B010	70720104	ST 9280 8720	Pass	Pass	Pass	Pass
WEST DART RIVER	TWO BRIDGES - CONFLUENCE WITH EAST DART RIVER	R07B004	70720277	ST 9190 0200	Pass	Dero	Pass	Pass
RIVER HEMS	BOW CROSS - NTL	R07B012	70721716	ST 0780 2020	Pass	Pass	Pass	Pass
RIVER MARDLE	SOURCE - CONFLUENCE WITH RIVER DART	R07B014	70722402	ST 6760 1830	Pass	Pass	Pass	Pass
RIVER WEBBURN	CONFLUENCE OF E & W WEBBURN RIVERS - CONFLUENCE WITH R DART	R07B015	70722902	ST 4260 3330	Pass	Pass	Pass	Pass
WEST WEBBURN RIVER	LOWER CATOR - CONFLUENCE WITH EAST WEBBURN RIVER	R07B037	70723535	ST 7640 1560	Pass	Pass	Pass	Pass
EAST WEBBURN RIVER	WOODER MANOR - CONFLUENCE WITH WEST WEBBURN RIVER	R07B036	70723712	SX 8447 7605	Pass	Pass	Pass	Pass
VENFORD BROOK	VENFORD RESERVOIR	R07B073	70724052	ST 7660 1710	Pass	Pass	Pass	Pass
EAST DART RIVER	POSTBRIDGE - CONFLUENCE WITH WEST DART RIVER	R07B002	70724103	SX 8343 8723	Pass	Dero	Pass	Pass
RIVER SWINCOMBE	SWINCOMBE - CONFLUENCE WITH WEST DART RIVER	R07B021	70725203	ST 2500 2570	Pass	Dero	Pass	Dero
THE GARA	SLAPTON LEY	R08A019	70810119	SZ 1560 9680	Dero	Dero	Dero	Dero
THE GARA	FORDER - HIGHER NORTH MILL	R08A004	70810144	SU 1500 0620	Pass	Pass	Pass	Pass
RIVER AVON	BODENHAM-HALE PARK	30208000	70826005	SX 3559 8490	Pass	Pass	Pass	Pass
RIVER AVON	SCALES BRIDGE - FIGHELDEAN	30105000	70826055	SX 4702 7211	Pass	Pass	Pass	Pass
RIVER AVON	HORSEBROOK - NTL	R08B005	70826092	SX 5321 8040	Pass	Pass	Pass	Dero
RIVER ERME	HARFORD MOOR - NTL	R09B003	70920104	ST 7750 4440	Pass	Pass	Pass	Pass
GAMMATON STREAM	GAMMATON RESERVOIR	R29A013	72911179	SX 7973 5660	Dero	Dero	Dero	Dero
JENNETT'S STREAM	JENNETT'S RESERVOIR	R29A014	72911724	SS 5484 1121	Pass	Pass	Pass	Pass
RIVER YEO (BIDEFORD)	FOXDOWN TO NORMAL TIDAL LIMIT	R29A003	72911919	SX85609910	Pass	Pass	Pass	Pass
RIVER DUNTZ	CONFLUENCE WITH LYDELAND WATER - CONFLUENCE WITH RIVER YEO	R29A005	72912004	ST 9830 5720	Pass	Pass	Pass	Pass
LYDELAND WATER	TYTHECOTT - CONFLUENCE WITH RIVER DUNTZ	R29A006	72912320	SS 5663 3583	Pass	Pass	Pass	Pass
MELBURY STREAM	MELBURY RESERVOIR	R29C059	72913257	SS 5956 3569	Pass	Pass	Pass	Pass
RIVER TORRIDGE	NEWBRIDGE - NTL	R29B034	72920121	SW 773 335	Pass	Fail	Pass	Pass
RIVER TORRIDGE	KINGSLEY MILL - NEWBRIDGE	R29B001	72920377	SS 296 108	Pass	Pass	Pass	Pass
RIVER MERE	A386 BRIDGE MERTON - CONFLUENCE WITH RIVER TORRIDGE	R29B009	72923004	ST 5430 0910	Pass	Pass	Pass	Pass
RIVER TORRIDGE	CONFLUENCE WITH CLIFFORD WATER - KINGSLEY MILL	R29C003	72930188	ST 3830 6260	Pass	Dero	Pass	Pass
RIVER LEW	HOLE STOCK BRIDGE - CONFLUENCE WITH RIVER TORRIDGE	R29C009	72930805	SS 8990 4780	Pass	Pass	Pass	Pass
RIVER WALDON	WALDON BRIDGE - CONFLUENCE WITH RIVER TORRIDGE	R29C012	72934611	ST 3990 6980	Pass	Pass	Pass	Pass
DIPPLE WATER	ALMINSTONE - CONFLUENCE WITH RIVER TORRIDGE	R29C013	72937110	SS 8845 2930	Pass	Pass	Pass	Pass
OKEMENT RIVER	CONFLUENCE OF E & W OKEMENT RIVERS - CONFL WITH R TORRIDGE	R29D005	72940121	SX 9401 8942	Pass	Pass	Pass	Pass
WEST OKEMENT RIVER	MELDON RESERVOIR - CONFLUENCE WITH EAST OKEMENT RIVER	R29D002	72940220	ST 7510 1380	Pass	Dero	Pass	Pass

DEVON EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
WEST OKEMENT RIVER	MELDON RESERVOIR	R29D064	72940429	SZ 1330 9590	Pass	Fail	Dero	Dero
EAST OKEMENT RIVER	CULLEVER STEPS - CONFLUENCE WITH WEST OKEMENT RIVER	R29D001	72943002	SX 8532 7099	Pass	Pass	Pass	Pass
RIVER CAEN	WEST DOWN - NTL	R30A002	73010851	SX 0107 7147	Pass	Pass	Pass	Pass
KNOWL WATER	HEANTON PUNCHARDON - NTL	R30A006	73011002	SS 4193 1838	Pass	Pass	Pass	Pass
BRADIFORD WATER	MUDDIFORD - NTL	R30A001	73012133	SX 679 653	Pass	Pass	Pass	Pass
RIVER VENN	LANDKEY - NTL	R30A004	73012702	ST 4370 6390	Pass	Pass	Pass	Pass
RIVER TAW	TAW BRIDGE - NEWNHAM BRIDGE	R30B003	73020127	ST 6060 3290	Pass	Pass	Pass	Pass
RIVER TAW	NEWNHAM BRIDGE - NTL	R30B014	73020255	ST 4420 5100	Pass	Fail	Pass	Pass
LANGHAM LAKE	LANGRIDGEFORD - CONFLUENCE WITH RIVER TAW	R30B006	73020802	SS 4151 0804	Pass	Fail	Pass	Pass
MULLY BROOK	WINSWOOD - CONFLUENCE WITH RIVER TAW	R30B007	73023505	SS 696 325	Pass	Pass	Pass	Pass
RIVER TAW	A.30 BRIDGE AT STICKLEPATH - TAW BRIDGE	R30C005	73030120	ST 4730 4270	Pass	Pass	Pass	Pass
LITTLE DART RIVER	NEW BRIDGE - CONFLUENCE WITH RIVER TAW	R30E003	73050110	SS 5822 2610	Pass	Pass	Pass	Pass
RIVER MOLE	NORTH MOLTON - NEW BRIDGE	R30F004	73060116	ST 5200 0560	Pass	Pass	Pass	Pass
RIVER MOLE	NEW BRIDGE - CONFLUENCE WITH RIVER TAW	R30F006	73060181	ST 5680 1390	Pass	Pass	Pass	Pass
LITTLE SILVER STREAM	ROMANSLEIGH - CONFLUENCE WITH RIVER MOLE	R30F011	73061202	SS 4855 3572	Pass	Pass	Pass	Pass
CROOKED OAK RIVER	YEO BRIDGE AT BISHOPS NYMPTON - CONFLUENCE WITH RIVER MOLE	R30F007	73062502	SS 9545 2093	Pass	Pass	Pass	Pass
RIVER YEO (MOLLAND)	Dunsley to confluence with River Mole	R30F009	73063202	SS59563569	Pass	Pass	Pass	Pass
RIVER BRAY	LEWORTHY BRIDGE - CONFLUENCE WITH RIVER MOLE	R30G004	73070104	SX 2302 5556	Pass	Pass	Pass	Pass
RIVER HOLEWATER	HOLEWATER - CONFLUENCE WITH RIVER BRAY	R30G005	73070503	ST 2060 2500	Pass	Pass	Pass	Pass
RIVER YEO (BARNSTAPLE)	East Down to normal tidal limit	R30H006	73080042	SS45372350	Pass	Pass	Pass	Pass
RYE STREAM	WISTLANDPOUND RESERVOIR - CONFLUENCE WITH R YEO (BARNSTAPLE)	R30H004	73080902	ST 9330 0450	Pass	Pass	Pass	Pass
RYE STREAM	WISTLANDPOUND RESERVOIR	R30H024	73080977	ST 8590 0950	Pass	Pass	Pass	Pass
WEST WILDER BROOK	LOWER SLADE RESERVOIR	R31A027	73110382	ST 7330 1430	Pass	Fail	Pass	Pass
EAST LYN RIVER	WEIRWOOD - NTL	R32A002	73210106	SX 8550 7452	Pass	Pass	Pass	Pass
WEST LYN RIVER	CONFLUENCE WITH RIVER BARBROOK - NTL	R32A003	73210209	SZ 0650 9730	Pass	Pass	Pass	Pass

CORNWALL AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
RIVER YEALM	HELE CROSS - NTL	R10B004	81020118	SX 5902 5199	Pass	Pass	Pass	Pass
RIVER PLYM	DITSWORTHY - CADOVER BRIDGE	R11B003	81120120	SX 5556 6465	Fail	Dero	Dero	Fail
RIVER PLYM	CADOVER BRIDGE - NTL	R11B006	81120288	SX 5237 5867	Pass	Pass	Pass	Pass
RIVER MEAVY	BURRATOR RESERVOIR OUTFLOW - CONFLUENCE WITH RIVER PLYM	R11B011	81121402	SX 5330 6375	Fail	Fail	Pass	Pass
RIVER MEAVY	BURRATOR RESERVOIR	R11B039	81121470	SX 552 680	Fail	Fail	Pass	Pass
RIVER CLAW	TETCOTT - CONFLUENCE WITH RIVER TAMAR	R12K002	81201106	SX 3267 9692	Pass	Pass	Pass	Pass
RIVER DEER	FORDA MILL - CONFLUENCE WITH RIVER TAMAR	R12K005	81201402	SX 3195 9741	Pass	Pass	Pass	Pass
RIVER TAVY	WILLSWORTHY - HILL BRIDGE	R12C001	81231155	SX 5321 8040	Fail	Pass	Pass	Fail
RIVER TAVY	HILL BRIDGE - NTL	R12C023	81231190	SX 4702 7211	-	-	-	Fail
RIVER LUMBURN	RUSHFORD BRIDGE - CONFLUENCE WITH RIVER TAVY	R12C010	81231702	SX 4666 7193	Pass	Pass	Pass	Pass
RIVER BURN	MARY TAVY BRIDGE - CONFLUENCE WITH RIVER TAVY	R12C008	81232403	SX 4983 7618	Fail	Fail	Dero	Fail
RIVER WALKHAM	ROOS TOR - CONFLUENCE WITH RIVER TAVY	R12D004	81241110	SX 4900 7098	Pass	Pass	Pass	Pass
RIVER TAMAR	POLSON BRIDGE - NTL	R12E003	81250144	SX 4332 7224	-	-	-	Pass
LOWLEY BROOK	TREKELLAND - CONFLUENCE WITH RIVER TAMAR	R12E006	81252104	SX 3593 7873	Pass	Pass	Pass	Pass
RIVER LYD	GREENLANES BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12F002	81261111	SX 3892 8480	Pass	Pass	Pass	Pass
RIVER THRUSHIEL	STOWFORD BRIDGE - CONFLUENCE WITH RIVER LYD	R12G004	81271202	SX 3938 8538	Pass	Pass	Pass	Pass
RIVER WOLF	ROADFORD RESERVOIR	R12G100	81271502	SX 422 901	-	-	-	-
RIVER WOLF	ROADFORD RESERVOIR OUTFLOW - CONFLUENCE WITH RIVER THRUSHIEL	R12G007	81271564	SX 4031 8629	Pass	Pass	Pass	Pass
RIVER WOLF	WEEK'S MILL BRIDGE - ROADFORD RESERVOIR INFLOW	R12G005	81271593	SX 4461 9423	-	-	-	Pass
RIVER CAREY	MIDDLE BRIDGE VIRGINSTOW - CONFLUENCE WITH RIVER TAMAR	R12H002	81281105	SX 3600 8631	Pass	Pass	Pass	Pass
RIVER TAMAR	EASTCOTT - UPPER TAMAR LAKE INFLOW	R12L001	81290111	SS 2808 1338	Pass	Pass	Pass	Pass
RIVER SEATON	HENDRA BRIDGE - NTL	R13A005	81310201	SX 3033 5450	Pass	Pass	Pass	Pass
WEST LOOE RIVER	CHURCHBRIDGE - NTL	R14C003	81430304	SX 2302 5556	Pass	Pass	Pass	Pass
RIVER FOWEY	LAMELGATE - DRAYNES BRIDGE	R15B002	81520166	SX 2281 6893	Fail	Fail	Pass	Pass
RIVER FOWEY	DRAYNES BRIDGE - NTL	R15B006	81520521	SX 1080 6130	Fail	Pass	Pass	Pass
RIVER WARLEGGAN	SOURCE - CONFLUENCE WITH RIVER FOWEY	R15B009	81522326	SX 1593 6795	Fail	Fail	Dero	Pass
ST. NEOT RIVER	COLLIFORD LAKE OUTFLOW - CONFLUENCE WITH RIVER FOWEY	R15B008	81522703	SX 1855 6494	Pass	Fail	Pass	Pass
ST. NEOT RIVER	COLLIFORD LAKE	R15B058	81522776	SX 178 712	Fail	Pass	Pass	Pass
SIBLYBACK STREAM	SIBLYBACK RESERVOIR	R15B070	81523422	SX 233 704	Fail	Fail	Fail	Pass
CAERHAYS STREAM	POLMASSICK BRIDGE - NTL	R18A002	81811111	SW 9746 4145	Pass	Pass	Pass	Pass
ARGAL STREAM	COLLEGE NO.4 RESERVOIR	R19A059	81911034	SW 773 335	Pass	Fail	Pass	Pass
TRESILLIAN RIVER	LADOCK PUMPING STATION - NTL	R19D032	81940158	SW 8713 4706	-	-	Pass	Pass
CALENICK STREAM	TREYEW - NTL	R19D006	81940411	SW 8220 4310	Fail	Fail	Dero	Fail
RIVER ALLEN	KNIGHTSMILL BRIDGE - NTL	R25D003	81940805	SX 0107 7147	Pass	Pass	Pass	Pass
RIVER KENWYN	NEW MILL - NTL	R19D007	81942221	SW 8161 4528	Pass	Pass	Pass	Pass
RIVER KENNAL	STITHANS RESERVOIR OUTFLOW - NTL	R19E007	81951546	SW 7735 3819	Fail	Fail	Pass	Pass
RIVER COBER	TRENEAR BRIDGE - LOE POOL INFLOW	R20A003	82010156	SW 6580 2913	Fail	Fail	Pass	Pass
TREVAYLOR STREAM	SOURCE - NTL	R21A008	82111503	SW 4812 3115	Pass	Pass	Pass	Pass

CORNWALL AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1990-1993

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1990	1991	1992	1993
ROSEMORRAN STREAM	SOURCE - CONFLUENCE WITH TREVAYLOR STREAM	R21A021	82111612	SW 4788 3220	-	-	-	Pass
NEWLYN RIVER	DRIFT RESERVOIR OUTFLOW - NTL	R21A005	82112121	SW 4625 2903	Pass	Pass	Pass	Pass
NEWLYN RIVER	DRIFT RESERVOIR	R21A038	82112173	SW 437 289	Fail	Fail	Pass	Pass
LAMORNA STREAM	TREWOOF - NTL	R21A011	82112810	SW 4502 2410	Pass	Pass	Pass	Pass
STENNACK RIVER	BUSSOW RESERVOIR	R22A020	82211555	SW 502 393	Pass	Fail	Pass	Pass
ANGARRACK STREAM	ANGARRACK - NTL	R22A001	82211920	SW 5692 3807	Pass	Pass	Dero	Fail
PRAZE RIVER	CARGENWEN NO.1 RESERVOIR	R23A050	82310590	SW 6508 3521				
PERRANPORTH STREAM	MITHIAN - NTL	R23A012	82311805	SW 7560 5407	Fail	Pass	Pass	Pass
PORTH STREAM	PORTH RESERVOIR OUTFLOW - NTL	R25A005	82510114	SW 8468 6232	Pass	Pass	Pass	Pass
RIVER MENALHYL	ST. COLUMB MAJOR BRIDGE - NTL	R25A003	82511104	SW 8493 6716	Fail	Pass	Pass	Pass
ST. LAWRENCE STREAM	BODMIN - CONFLUENCE WITH RIVER CAMEL	R25B038	82521205	SX 0433 6731	Pass	Fail	Fail	Pass
CROWDY STREAM	CROWDY RESERVOIR	R25B064	82522492	SX 139 834	Fail	Fail	Pass	Pass
RIVER CAMEL	SLAUGHTERBRIDGE - GAM BRIDGE	R25B003	82528011	SX 0887 7785	Pass	Fail	Pass	Pass
RIVER CAMEL	GAM BRIDGE - NTL	R25B008	82528098	SX 0153 6850	Pass	Pass	Pass	Pass
DE LANK RIVER	SCRIBBLE DOWNS - CONFLUENCE WITH RIVER CAMEL	R25C002	82530105	SX 0888 7390	Pass	Pass	Pass	Pass
RIVER ALLEN	CONFLUENCE ALLEN & GUSSAGE - CONFLUENCE RIVER STOUR	30489000	82540105	SU 0100 0070	Pass	Pass	Pass	Pass
RIVER VALENCY	LESNEWT - NTL	R26A003	82610505	SX 0988 9128	Pass	Pass	Pass	Pass
BUDE CANAL	HELE BRIDGE - NTL	R27A010	82710320	SS2071 0615	Pass	Pass	Pass	Pass
COOMBE VALLEY STREAM	COOMBE - NTL	R27A011	82712204	SS 2035 1170	Pass	Pass	Pass	Pass
RIVER TAMAR	TAMARSTONE BRIDGE - POLSON BRIDGE	R12J004	91210233	SX 3559 8490	Fail	Pass	Pass	Pass
RIVER TAMR	UPPER TAMAR LAKE	R12L030	91210289	SS 288 118	Pass	Pass	Pass	Pass
RIVER TAMAR	LOWER TAMAR LAKE	R12L024	91210318	SS 296 108	-	-	-	-
RIVER TAMAR	LOWER TAMAR LAKE OUTFLOW - TAMARSTONE BRIDGE	R12L002	91210355	SS 2835 0548	Pass	Pass	Pass	Pass
RIVER OTTERY	CANWORTHY WATER BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12M007	91221108	SX 3445 8682	-	-	Pass	Pass
RIVER KENSEY	BADHARLICK BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12N002	91231102	SX 3517 8478	Pass	Pass	Pass	Pass
RIVER INNY	TWO BRIDGES - CONFLUENCE WITH RIVER TAMAR	R12P006	91241113	SX 3588 7706	Pass	Pass	Pass	Pass
RIVER INNY	TREWINNOW BRIDGE - TWO BRIDGES	R12P004	91241146	SX 2706 8175	-	-	-	Pass
PENPONT WATER	TRELYN BRIDGE - CONFLUENCE WITH RIVER INNY	R12P008	91241709	SX 2695 8165	Fail	Fail	Pass	Pass
RIVER LYNHER	TREVADLOCK - RILLA MILL BRIDGE	R12Q003	91251605	SX 2948 7311	Fail	Fail	Pass	Pass
RIVER LYNHER	RILLA MILL BRIDGE - NTL	R12Q007	91251658	SX 3850 6090	Fail	Fail	Dero	Fail
WITHEY BROOK	SOURCE - CONFLUENCE WITH RIVER LYNHER	R12Q008	91253904	SX 2610 7723	Pass	Pass	Pass	Pass
RIVER TIDDY	TILLAND MILL BRIDGE - NTL	R12R004	91261128	SX 3443 5960	Pass	Pass	Pass	Pass

CORNWALL AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
RIVER YEALM	HELE CROSS - NTL	R10B004	81020118	SU 1660 2640	Pass	Pass	Pass	Pass
RIVER PLYM	DITSWORTHY - CADOVER BRIDGE	R11B003	81120120	ST 8600 6100	Dero	Dero	Pass	Pass
RIVER PLYM	CADOVER BRIDGE - NTL	R11B006	81120288	ST 8850 6230	Pass	Dero	Pass	Dero
RIVER MEAVY	BURRATOR RESERVOIR OUTFLOW - CONFLUENCE WITH RIVER PLYM	R11B011	81121402	ST 5970 2510	Pass	Pass	Pass	Pass
RIVER MEAVY	BURRATOR RESERVOIR	R11B039	81121470	ST 6030 1380	Pass	Pass	Pass	Pass
RIVER CLAW	TETCOTT - CONFLUENCE WITH RIVER TAMAR	R12K002	81201106	ST 6670 8220	Pass	Fail	Pass	Pass
RIVER DEER	FORDA MILL - CONFLUENCE WITH RIVER TAMAR	R12K005	81201402	ST 9570 8780	Pass	Pass	Pass	Pass
RIVER TAVY	WILLSWORTHY - HILL BRIDGE	R12C001	81231155	ST 3460 4580	Dero	Dero	Pass	Pass
RIVER TAVY	HILL BRIDGE - NTL	R12C023	81231190	ST 4010 4540	Fail	Pass	Pass	Pass
RIVER LUMBURN	RUSHFORD BRIDGE - CONFLUENCE WITH RIVER TAVY	R12C010	81231702	ST 0320 4120	Pass	Pass	Pass	Pass
RIVER BURN	MARY TAVY BRIDGE - CONFLUENCE WITH RIVER TAVY	R12C008	81232403	SX 0153 6850	Pass	Dero	Pass	Pass
RIVER WALKHAM	ROOS TOR - CONFLUENCE WITH RIVER TAVY	R12D004	81241110	ST 4590 7180	Pass	Pass	Pass	Pass
RIVER TAMAR	POLSON BRIDGE - NTL	R12E003	81250144	ST 3920 4270	Pass	Pass	Pass	Pass
LOWLEY BROOK	TREKELLAND - CONFLUENCE WITH RIVER TAMAR	R12E006	81252104	SS 4878 3567	Pass	Pass	Pass	Pass
RIVER LYD	GREENLANES BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12F002	81261111	ST 0570 4260	Pass	Pass	Pass	Pass
RIVER THRUSHEL	STOWFORD BRIDGE - CONFLUENCE WITH RIVER LYD	R12G004	81271202	ST 4150 2660	Pass	Pass	Pass	Pass
RIVER WOLF	ROADFORD RESERVOIR	R12G100	81271502	SU 1290 3300	Pass	Pass	Pass	Pass
RIVER WOLF	ROADFORD RESERVOIR OUTFLOW - CONFLUENCE WITH RIVER THRUSHEL	R12G007	81271564	SU 1490 4100	Pass	Pass	Pass	Pass
RIVER WOLF	WEEK'S MILL BRIDGE - ROADFORD RESERVOIR INFLOW	R12G005	81271593	SU 1460 2910	Pass	Pass	Pass	Pass
RIVER CAREY	MIDDLE BRIDGE VIRGINSTOW - CONFLUENCE WITH RIVER TAMAR	R12H002	81281105	SX 422 901	Pass	Fail	Pass	Pass
RIVER TAMAR	EASTCOTT - UPPER TAMAR LAKE INFLOW	R12I001	81290111	ST 3030 4520	Pass	Dero	Pass	Pass
RIVER SEATON	HENDRA BRIDGE - NTL	R13A005	81310201	ST 9240 7030	Pass	Pass	Pass	Pass
WEST LOOE RIVER	CHURCHBRIDGE - NTL	R14C003	81430304	SZ 0160 9920	Pass	Pass	Pass	Pass
RIVER FOWEY	LAMELGATE - DRAYNES BRIDGE	R15B002	81520166	ST 7570 4850	Pass	Pass	Pass	Pass
RIVER FOWEY	DRAYNES BRIDGE - NTL	R15B006	81520521	ST 7430 4850	Pass	Pass	Pass	Pass
RIVER WARLEGGAN	SOURCE - CONFLUENCE WITH RIVER FOWEY	R15B009	81522326	ST 4740 7550	Pass	Dero	Pass	Pass
ST. NEOT RIVER	COLLIFORD LAKE OUTFLOW - CONFLUENCE WITH RIVER FOWEY	R15B008	81522703	SY 6390 9480	Pass	Pass	Pass	Pass
ST. NEOT RIVER	COLLIFORD LAKE	R15B058	81522776	SY 5960 9760	Pass	Pass	Pass	Pass
SIBLYBACK STREAM	SIBLYBACK RESERVOIR	R15B070	81523422	SY 9170 8770	Pass	Pass	Pass	Pass
CAERHAYS STREAM	POLMASSICK BRIDGE - NTL	R18A002	81811111	SY 2535 9270	Pass	Pass	Pass	Pass
ARGAL STREAM	COLLEGE NO.4 RESERVOIR	R19A059	81911034	SX 667 842	Pass	Pass	Pass	Pass
TRESILLIAN RIVER	LADOCK PUMPING STATION - NTL	R19D032	81940158	ST 7980 2530	Pass	Pass	Pass	Pass
CALENICK STREAM	TREYEW - NTL	R19D006	81940411	SY 2815 9801	Dero	Dero	Dero	Pass
RIVER ALLEN	KNIGHTSMILL BRIDGE - NTL	R25D003	81940805	SX 139 834	Pass	Pass	Pass	Pass
RIVER KENWYN	NEW MILL - NTL	R19D007	81942221	ST 4820 4530	Pass	Pass	Pass	Pass
RIVER KENNAL	STITHIANS RESERVOIR OUTFLOW - NTL	R19E007	81951546	ST 6470 3680	Pass	Pass	Pass	Pass
RIVER COBER	TRENEAR BRIDGE - LOE POOL INFLOW	R20A003	82010156	ST 7630 6640	Pass	Pass	Pass	Pass

CORNWALL AREA EC FRESHWATER FISH DIRECTIVE HISTORIC COMPLIANCE - 1994-1997

WATER	STRETCH	OLD URN	NEW URN	SPT_NGR	1994	1995	1996	1997
TREVAYLOR STREAM	SOURCE - NTL	R21A008	82111503	ST 7670 2010	Pass	Pass	Pass	Pass
ROSEMORRAN STREAM	SOURCE - CONFLUENCE WITH TREVAYLOR STREAM	R21A021	82111612	ST 9430 9970	Pass	Pass	Pass	Pass
NEWLYN RIVER	DRIFT RESERVOIR OUTFLOW - NTL	R21A005	82112121	SS 7247 2228	Pass	Pass	Pass	Pass
NEWLYN RIVER	DRIFT RESERVOIR	R21A038	82112173	SS 7236 2208	Pass	Pass	Pass	Pass
LAMORNA STREAM	TREWOOF - NTL	R21A011	82112810	SS 5847 0340	Pass	Pass	Pass	Pass
STENNACK RIVER	BUSSOW RESERVOIR	R22A020	82211555	SY 6790 9270	Pass	Fail	Pass	Pass
ANGARRACK STREAM	ANGARRACK - NTL	R22A001	82211920	SS 967 293	Pass	Dero	Pass	Pass
PRAZE RIVER	CARGENWEN NO.1 RESERVOIR	R23A050	82310590	SX 178 712	Pass	Dero	Pass	Pass
PERRANPORTH STREAM	MITHIAN - NTL	R23A012	82311805	SX 8238 4336	Pass	Pass	Pass	Pass
PORTH STREAM	PORTH RESERVOIR OUTFLOW - NTL	R25A005	82510114	SS 288 118	Pass	Pass	Pass	Pass
RIVER MENALHYL	ST. COLUMB MAJOR BRIDGE - NTL	R25A003	82511104	ST 5430 0820	Pass	Pass	Pass	Pass
ST. LAWRENCE STREAM	BODMIN - CONFLUENCE WITH RIVER CAMEL	R25B038	82521205	SY 7620 8740	Pass	Pass	Pass	Pass
CROWDY STREAM	CROWDY RESERVOIR	R25B064	82522492	SS 9380 2085	Pass	Pass	Dero	Pass
RIVER CAMEL	SLAUGHTERBRIDGE - GAM BRIDGE	R25B003	82528011	SX 0988 9128	Pass	Pass	Pass	Pass
RIVER CAMEL	GAM BRIDGE - NTL	R25B008	82528098	SS 2035 1170	Pass	Pass	Pass	Pass
DE LANK RIVER	SCRIBBLE DOWNS - CONFLUENCE WITH RIVER CAMEL	R25C002	82530105	SS 8675 3215	Pass	Pass	Pass	Pass
RIVER ALLEN	CONFLUENCE ALLEN & GUSSAGE - CONFLUENCE RIVER STOUR	30489000	82540105	SX 5902 5199	Pass	Pass	Pass	Pass
RIVER VALENCY	LESNEWTH - NTL	R26A003	82610505	SS2071 0615	Pass	Dero	Pass	Pass
BUDE CANAL	HELE BRIDGE - NTL	R27A010	82710320	SS 506 457	Pass	Fail	Pass	Pass
COOMBE VALLEY STREAM	COOMBE - NTL	R27A011	82712204	ST 0431 1016	Pass	Pass	Pass	Pass
RIVER TAMAR	TAMARSTONE BRIDGE - POLSON BRIDGE	R12J004	91210233	ST 2940 3660	Pass	Pass	Pass	Pass
RIVER TAMAR	UPPER TAMAR LAKE	R12L030	91210289	ST 6050 3270	Pass	Pass	Pass	Fail
RIVER TAMAR	LOWER TAMAR LAKE	R12L024	91210318	ST 3680 4440	Fail	Pass	Pass	Fail
RIVER TAMAR	LOWER TAMAR LAKE OUTFLOW - TAMARSTONE BRIDGE	R12L002	91210355	ST 3030 3110	Pass	Pass	Pass	Pass
RIVER OTTERY	CANWORTHY WATER BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12M007	91221108	ST 8140 6880	Pass	Pass	Pass	Pass
RIVER KENSEY	BADHARLICK BRIDGE - CONFLUENCE WITH RIVER TAMAR	R12N002	91231102	ST 5270 4600	Pass	Pass	Pass	Pass
RIVER INNY	TWO BRIDGES - CONFLUENCE WITH RIVER TAMAR	R12P006	91241113	ST 1360 2590	Pass	Pass	Pass	Pass
RIVER INNY	TREWYNOW BRIDGE - TWO BRIDGES	R12P004	91241146	ST 1340 2590	Pass	Pass	Pass	Pass
PENPONT WATER	TRELYN BRIDGE - CONFLUENCE WITH RIVER INNY	R12P008	91241709	SX 9722 9170	Pass	Pass	Pass	Pass
RIVER LYNHER	TREVADLOCK - RILLA MILL BRIDGE	R12Q003	91251605	ST 0840 4140	Pass	Pass	Pass	Pass
RIVER LYNHER	RILLA MILL BRIDGE - NTL	R12Q007	91251658	ST 1480 4370	Pass	Dero	Pass	Pass
WITHEY BROOK	SOURCE - CONFLUENCE WITH RIVER LYNHER	R12Q008	91253904	SY 5720 7220	Pass	Pass	Pass	Pass
RIVER TIDDY	TILLAND MILL BRIDGE - NTL	R12R004	91261128	ST 3300 4000	Pass	Pass	Pass	Pass