

Water Quality 2003

Bourne Stream WQS 2003

Time	12-May-03	pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
00:00	Site 1 U/S of SUD II	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	n/r	n/r
00:00	Site 2 D/S of SUD II	8.02	19.8021	0.13776	0.21285	4800	300	20	26.9	2	1.51	n/r	n/r
00:00	Site 3 D/S of SUD I	7.82	16.7897	0.1476	0.0387	3100	500	40	27.9	4	1.76	n/r	n/r
00:00	Site 4 Berkeley Avenue Trib 1	7.31	29.2823	0.01968	0.08901	90	400	3400	25.8	2	4.84	n/r	n/r
00:00	Site 5 Berkeley Avenue Trib 2	6.84	14.9734	0.01312	0.04128	610	1400	2600	33.7	4	1.07	n/r	n/r
00:00	Site 6 Monkton Crescent	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	n/r	n/r
00:00	Site 7 Alder Road Pond inlet	7.68	15.1949	0.01312	0.0387	2700	100	100	26.2	3	1.1	n/r	n/r
00:00	Site 8 Alder Road Pond outlet	7.75	12.7584	0.0328	0.10062	2400	100	10	26.5	5	1.87	n/r	n/r
00:00	Site 9 Talbot Heath	7.6	11.4737	0.02296	0.06837	2000	300	60	27.1	3	1.07	n/r	n/r
00:00	Site 10 Coy Pond inlet	7.64	11.9167	0.01968	0.0387	3100	400	250	26.9	4	1.33	n/r	n/r
00:00	Site 11 Coy Pond outlet	7.55	20.6881	0.0492	0.04128	5100	3300	210	28.9	5	1.63	n/r	n/r
00:00	Site 12 Coy Pond Gardens	7.25	20.7767	0.0492	0.23994	4400	1100	220	28.4	11	1.54	n/r	n/r
00:00	Site 13 Branksome Wd Rd Weir	7.48	16.834	0.04592	0.13158	4400	2200	260	28.4	10	2.47	n/r	n/r
00:00	Site 14 Central Gardens	7.21	13.0685	0.01968	0.07869	2000	500	120	32.9	5	1.2	n/r	n/r

Sampling by: EA

Time	20-May-03	pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4) mg/l	Total Coliforms Pres. (No/100ml)	Faecal Coliforms Pres. (No/100ml)	Enterococci Pres. (No/100ml)	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
00:00	Site 1 U/S of SUD II	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	n/r	n/r
00:00	Site 2 D/S of SUD II	8.15	22.2829	0.11808	0.0387	2800	50	37	25.1	3	0.5	n/r	n/r
00:00	Site 3 D/S of SUD I	8.00	20.378	0.0984	0.0387	2600	260	45	24.7	5	0.5	n/r	n/r
00:00	Site 4 Berkeley Avenue Trib 1	7.17	28.1748	0.02296	0.04257	2900	630	1000	26.7	2	0.5	n/r	n/r
00:00	Site 5 Berkeley Avenue Trib 2	7.62	13.9102	0.02296	0.04902	820	820	870	33.6	4	0.63	n/r	n/r
00:00	Site 6 Monkton Crescent	7.29	15.3278	0.04264	0.09288	1800	530	350	27.5	3	0.69	n/r	n/r
00:00	Site 7 Alder Road Pond inlet	7.82	17.80866	0.01968	0.0387	1900	400	270	25.0	4	0.5	n/r	n/r
00:00	Site 8 Alder Road Pond outlet	7.84	15.8151	0.03608	0.0387	1500	350	120	24.7	4	1.15	n/r	n/r
00:00	Site 9 Talbot Heath	7.73	14.619	0.03608	0.0387	1200	250	170	26.1	4	0.58	n/r	n/r
00:00	Site 10 Coy Pond inlet	7.75	14.2203	0.02952	0.0387	2600	320	510	26.0	4	0.83	n/r	n/r
00:00	Site 11 Coy Pond outlet	7.66	13.9545	0.03608	0.0387	2200	960	660	25.9	6	0.93	n/r	n/r
00:00	Site 12 Coy Pond Gardens	7.19	19.2262	0.02624	0.16125	6000	1500	210	29.1	4	0.71	n/r	n/r
00:00	Site 13 Branksome Wd Rd Weir	7.55	16.1252	0.03936	0.06966	5300	2200	580	27.4	5	0.92	n/r	n/r
00:00	Site 14 Central Gardens	7.25	13.4229	0.02296	0.0387	1400	620	400	30.9	5	0.85	n/r	n/r

Sampling by: EA & BSP

Time	28-May-03	pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
10:05	Site 1 U/S of SUD II	7.55	0.86828	0.02624	6.0888	100000	10000	1000	31.8	24	7.95	74.6	15.1
10:15	Site 2 D/S of SUD II	7.54	0.86828	0.63304	6.2823	100000	10000	1000	31.6	16	6.35	68.3	14.9
10:25	Site 3 D/S of SUD I	8.12	11.4294	1.15456	3.5862	93000	2700	87	31.1	7	2.52	36.8	15.4
10:55	Site 4 Berkeley Avenue Trib 1	7.16	30.0797	0.0492	0.13287	2000	340	570	26.0	6	1.5	81.1	13.4
11:05	Site 5 Berkeley Avenue Trib 2	6.73	15.062	0.0328	0.13287	2400	480	460	33.0	65	1.15	74.0	13.5
11:25	Site 6 Monkton Crescent	7.07	16.9226	0.07544	0.16899	2000	500	340	26.9	7	0.81	93.2	15.5
11:35	Site 7 Alder Road Pond inlet	7.87	13.1571	0.44608	1.11585	38000	800	480	27.6	5	1.01	85.5	14.7
11:45	Site 8 Alder Road Pond outlet	7.61	14.7519	0.246	0.31347	5000	500	14	26.3	4	0.68	97.6	15.2
12:00	Site 9 Talbot Heath	7.68	14.3532	0.12136	0.08127	2300	390	100	26.1	7	1.5	90.2	16.3
12:15	Site 10 Coy Pond inlet	7.73	14.0431	0.10824	0.07224	7500	640	210	26.1	8	1.5	91.8	15.7
12:20	Site 11 Coy Pond outlet	7.61	14.0431	0.0984	0.31218	2800	640	190	26.0	5	0.68	83.6	15.4
12:25	Site 12 Coy Pond Gardens	7.04	20.821	0.03608	0.22833	1300	280	170	28.5	1	1.5	91.0	14.6
12:35	Site 13 Branksome Wd Rd Weir	7.47	17.0998	0.06888	0.15222	3400	630	140	27.5	6	0.89	93.3	15.3
12:50	Site 14 Central Gardens	7.20	16.834	0.04592	0.10449	2100	610	52	31.5	2	1.5	91.8	15.2

Sampling by: BSP

* dogs had been playing in the stream here very recently

Water Quality 2003

Time	05-Jun-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
14:25	Site 1	U/S of SUD II	7.50	0.86828	0.05576	5.0826	2000000	72000	10000	34.5	63	17.2	72.3	18.0
14:35	Site 2	D/S of SUD II	7.34	0.86828	2.10904	5.5986	2000000	68000	1300	31.0	18	11.5	68.6	18.0
14:45	Site 3	D/S of SUD I	7.47	15.2835	1.53832	1.7544	100000	10000	1000	28.0	2	3.86	46.1	19.5
15:10	Site 4	Berkeley Avenue Trib 1	7.35	30.1683	0.05248	0.0387	1100	180	140	24.4	1	0.5	84.3	15.3
15:15	Site 5	Berkeley Avenue Trib 2	6.59	15.948	0.07216	0.05934	3200	300	220	34.5	5	1	72.0	14.5
15:35	Site 6	Monkton Crescent	7.29	17.3656	0.1148	0.06837	2500	1100	760	26.6	3	0.8	93.2	16.8
15:50	Site 7	Alder Road Pond inlet	7.90	21.6627	0.46904	0.06063	3500	500	10	24.9	6	0.76	88.4	17.6
15:55	Site 8	Alder Road Pond outlet	7.89	19.4477	0.11152	3.9732	700	50	10	23.3	3	0.66	111.8	16.8
16:15	Site 9	Talbot Heath	7.84	24.8966	0.10168	10.8102	900	40	10	31.7	2	1	97.7	18.4
16:30	Site 10	Coy Pond inlet	7.86	14.7962	0.09512	0.05031	1400	50	10	24.1	7	0.82	96.6	17.7
16:40	Site 11	Coy Pond outlet	7.67	29.5924	0.09512	20.124	1000	250	90	34.5	10	0.93	86.0	18.0
16:55	Site 12	Coy Pond Gardens	7.03	20.4223	0.0656	0.21414	2000	370	100	28.6	4	1	89.5	14.6
17:25	Site 13	Branksome Wd Rd Weir	7.62	29.7696	0.12464	15.867	1100	240	30	37.0	6	0.95	98.8	16.5
17:35	Site 14	Central Gardens	7.27	14.9734	0.06888	0.17286	1400	400	30	30.5	2	0.85	95.6	15.6

Sampling by: BSP

Time	21-Jun-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
09:00	Site 1	U/S of SUD II	7.95	19.5806	0.38376	0.39603	20000	10000	40	23.1	12	3.5	88.7	18.7
09:10	Site 2	D/S of SUD II	8.01	19.8464	0.39032	0.31347	8000	4000	10	23.0	8	2.25	88.5	18.5
09:20	Site 3	D/S of SUD I	7.84	18.6946	0.33784	0.0387	3000	800	50	23.2	4	1.49	68.8	17.8
09:45	Site 4	Berkeley Avenue Trib 1	7.26	32.5605	0.03804	0.0387	8000	520	160	25.1	1	1.79	85.0	14.6
09:55	Site 5	Berkeley Avenue Trib 2	6.73	16.7011	0.01771	0.04128	14000	9000	410	33.7	1	1.51	76.3	13.7
10:10	Site 6	Monkton Crescent	7.26	16.7454	0.06133	0.0387	15000	4000	350	25.9	3	1.89	89.6	15.5
10:20	Site 7	Alder Road Pond inlet	7.97	18.163	0.03148	0.0387	13000	400	130	23.6	28	3.31	91.3	16.7
10:30	Site 8	Alder Road Pond outlet	7.84	15.4607	0.07773	0.0387	3700	240	70	23.7	11	3.59	91.8	17.6
10:45	Site 9	Talbot Heath	7.69	13.9102	0.06789	0.0387	6200	610	100	24.2	5	1.86	81.6	17.9
10:55	Site 10	Coy Pond inlet	7.82	13.4672	0.04034	0.0387	9700	470	150	24.3	7	1.78	91.1	16.3
11:00	Site 11	Coy Pond outlet	7.68	12.0496	0.04854	0.0387	4500	1500	260	24.5	6	1.68	80.1	16.6
11:10	Site 12	Coy Pond Gardens	7.07	21.1311	0.06363	0.13287	6500	970	70	28.1	1	1.54	93.9	15.7
11:20	Site 13	Branksome Wd Rd Weir	7.59	15.9037	0.05871	0.04515	10000	2700	400	26.1	1	2.26	93.0	16.2
11:35	Site 14	Central Gardens	7.25	13.1128	0.03706	0.0387	6000	1000	240	30.1	8	1.88	97.1	16.1

Sampling by: EA

Time	26-Jun-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
12:00	Site 1	U/S of SUD II	7.85	15.8151	0.53464	0.61533	33000	27000	1200	22.6	12	1.37	90.4	18.9
12:03	Site 2	D/S of SUD II	7.82	13.6001	0.54448	0.55212	23000	15000	100	22.2	6	1	85.8	18.7
12:10	Site 3	D/S of SUD I	7.69	12.1825	0.4592	0.16512	18000	3600	790	20.0	6	1	63.9	19.3
12:30	Site 4	Berkeley Avenue Trib 1*	7.18	19.5363	0.0492	0.05805	10000	3200	600	20.1	6	1	67.0	17.0
12:35	Site 5	Berkeley Avenue Trib 2*	6.88	10.8092	0.0164	0.13803	15000	5200	1300	29	1	0.5	71.1	15.8
13:00	Site 6	Monkton Crescent*	7.07	5.759	0.06888	0.08901	25000	4900	1200	12.7	5	1.16	88.0	17.7
13:10	Site 7	Alder Road Pond inlet	7.46	11.1193	0.05248	0.07224	2400	2100	1000	22.1	8	1	89.0	17.4
13:20	Site 8	Alder Road Pond outlet	7.11	9.2587	0.04264	0.05418	12000	2600	500	24.7	5	1	67.6	18.1
13:30	Site 9	Talbot Heath	7.60	85056	0.02624	0.04644	13000	1500	900	18.3	6	1	87.5	18.7
13:45	Site 10	Coy Pond inlet	7.49	8.6828	0.11808	0.09546	18000	3300	820	18.8	6	0.94	96.0	18.1
13:50	Site 11	Coy Pond outlet	7.67	9.5688	0.07216	0.9933	12000	1600	800	20.7	5	0.92	82.8	18.2
13:55	Site 12	Coy Pond Gardens	7.70	9.3916	0.05248	0.04386	24000	1500	600	20.6	5	1	93.1	16.5
14:05	Site 13	Branksome Wd Rd Weir	7.56	7.7525	0.06232	0.06966	18000	2900	1100	19.4	5	3.14	101.2	17.5
14:20	Site 14	Central Gardens	7.00	14.9734	0.03608	0.1161	22000	2500	960	24.7	7	1.5	100.9	17.0

Sampling by: BSP

* Travellers left the Alderney site the previous day

Water Quality 2003

Time	02-Jul-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
09:25	Site 1	U/S of SUD II	7.90	16.7011	0.7052	0.88484	6000	3000	430	22.9	2	1.18	93.3	18.9
09:45	Site 2	D/S of SUD II	7.86	16.8783	0.74456	0.68757	4000	2000	360	22.8	116	1.9	85.0	18.5
09:35	Site 3	D/S of SUD I	7.69	15.7265	0.72488	0.30444	5400	2400	690	23.1	6	2.47	57.5	17.8
10:10	Site 4	Berkeley Avenue Trib 1	7.18	25.6497	0.04788	0.15738	17000	2700	1000	25.1	21	1.1	73.2	15.0
10:15	Site 5	Berkeley Avenue Trib 2	6.88	12.847	0.03509	0.25413	27000	7100	1000	32.7	5	0.92	72.4	13.9
10:30	Site 6	Monkton Crescent	7.21	9.0815	0.10397	0.13545	24000	4100	1000	21.7	7	1.82	85.8	15.6
10:45	Site 7	Alder Road Pond inlet	7.80	11.8724	0.09676	0.05676	7800	2500	950	22.8	5	1.37	84.0	16.3
10:50	Site 8	Alder Road Pond outlet	7.28	6.5121	0.08298	0.11352	28000	4500	1000	19.3	11	1.1	46.5	16.7
11:00	Site 9	Talbot Heath	7.43	5.3603	0.05149	0.03999	8200	2500	1000	17.5	1	1.5	75.5	16.8
11:15	Site 10	Coy Pond inlet	7.51	5.5375	0.06986	0.11248	9800	2300	1000	20.1	2	1.45	86.1	16.5
11:20	Site 11	Coy Pond outlet	7.46	4.43	0.05772	0.07559	29000	5300	1000	17.3	6	1.6	85.3	16.7
11:45	Site 12	Coy Pond Gardens	7.10	15.505	0.04821	0.15222	37000	8200	1000	28.2	1	1.81	85.8	16.4
11:50	Site 13	Branksome Wd Rd Weir	7.37	9.303	0.05772	0.10449	22000	6700	1000	22.3	4	1.63	90.2	16.5
12:00	Site 14	Central Gardens	7.11	8.3727	0.03378	0.06166	37000	7900	1000	26	2	1.16	89.5	15.9

Sampling by: EA

Time	10-Jul-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
09:40	Site 1	U/S of SUD II	7.84	20.1122	0.67568	0.16512	1000	2000	30	24	4	1.02	92.4	20.8
09:45	Site 2	D/S of SUD II	7.91	20.0236	0.66912	0.13674	5000	3000	50	24.5	6	1.28	89.9	20.6
09:30	Site 3	D/S of SUD I	7.88	19.7135	0.36736	0.0387	4000	670	100	24.4	8	1.33	76.7	20.1
10:00	Site 4	Berkeley Avenue Trib 1	7.19	31.7188	0.05094	0.08127	3100	2900	780	26.1	4	1.47	84.8	16.3
10:10	Site 5	Berkeley Avenue Trib 2	6.66	16.7454	0.02197	0.0387	3600	2100	920	33.8	4	1.59	77.2	16.7
10:25	Site 6	Monkton Crescent	7.21	15.9037	0.11414	0.0387	4800	2700	600	26.3	1	1.81	93.3	17.3
10:35	Site 7	Alder Road Pond inlet	7.95	19.0933	0.05904	0.0387	3000	500	260	24.5	1	2.79	90.5	19.7
10:45	Site 8	Alder Road Pond outlet	7.73	17.8086	0.09151	0.03999	4900	800	250	24.5	2	1.68	70.6	18.8
10:55	Site 9	Talbot Heath	7.74	16.5682	0.07084	0.04257	4500	830	340	25.2	3	1.46	82.5	19.3
11:05	Site 10	Coy Pond inlet	7.81	16.6125	0.06527	0.05031	4900	700	210	25.3	4	1.5	90.3	18.6
11:10	Site 11	Coy Pond outlet	7.03	20.4223	0.05248	0.19608	5600	3400	600	29.1	3	1.58	89.8	18.3
11:20	Site 12	Coy Pond Gardens	7.77	15.8594	0.06166	0.0387	5300	900	170	25.2	4	1.26	92.2	16.7
11:30	Site 13	Branksome Wd Rd Weir	7.65	17.277	0.06100	0.10578	5000	2100	430	26.4	6	1.67	96.5	17.7
11:40	Site 14	Central Gardens	7.34	14.6633	0.04493	0.0387	3800	3000	570	29.8	4	0.52	96.5	17.2

Sampling by: EA

Time	15-Jul-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
08:55	Site 1	U/S of SUD II	7.87	16.3024	0.92824	0.2192	1000	500	30	24.9	5	1	92.4	22.0
09:00	Site 2	D/S of SUD II	7.94	16.0366	0.94464	0.07869	3000	1300	30	24.9	7	1	97.4	21.9
09:05	Site 3	D/S of SUD I	7.86	19.0047	0.40344	0.0387	1200	750	140	24.8	5	1	79.3	21.2
09:30	Site 4	Berkeley Avenue Trib 1	7.2	34.1996	0.0574	0.0387	2600	890	390	25.2	13	1	78.1	16.5
09:35	Site 5	Berkeley Avenue Trib 2	6.74	17.7643	0.01541	0.0387	6600	5400	1000	34	5	1	75.1	16.1
09:55	Site 6	Monkton Crescent	7.21	16.1252	0.09512	0.0387	3100	1000	530	25.7	8	1	96.4	17.3
10:10	Site 7	Alder Road Pond inlet	7.89	18.2959	0.0305	0.0387	2000	560	190	24.9	4	0.5	90.5	19.8
10:15	Site 8	Alder Road Pond outlet	7.6	16.1252	0.05379	0.0387	2000	610	120	24.7	8	0.5	68.2	19.9
10:35	Site 9	Talbot Heath*	7.62	14.9291	0.04723	0.0387	3400	440	120	25.1	2	1	76.7	20.1
15:45	Site 10	Coy Pond inlet	7.8	15.0177	0.03706	0.0387	3300	620	170	25.3	3	1	99.6	21.8
15:50	Site 11	Coy Pond outlet	7.71	13.6887	0.04067	0.0387	5100	2400	720	25.2	5	1	94.6	22.4
16:00	Site 12	Coy Pond Gardens	6.98	21.8842	0.05346	0.0387	5200	740	530	28.4	4	1	93.0	17.6
16:10	Site 13	Branksome Wd Rd Weir	7.61	16.5239	0.05444	0.0387	73000	10000	730	26.5	13	1	101.3	20.8
16:25	Site 14	Central Gardens	7.29	14.0874	0.04165	0.0387	25000	3700	920	29.9	4	1	97.4	19.2

Sampling by: BSP

* spotted 2x silver-studded blues?

Water Quality 2003

Time	28-Jul-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
12:00	Site 1	U/S of SUD II *	7.44	11.2079	1.47928	0.0387	100000	10000	1000	27.8	210	64.3	77.8	18.6
12:15	Site 2	D/S of SUD II **	7.72	15.2392	1.0168	0.96879	100000	10000	1000	26.9	8	4.46	67.7	18.4
12:25	Site 3	D/S of SUD I	7.67	14.3975	0.23288	0.04644	5700	2800	90	26.1	28	2	57.8	18.4
12:50	Site 4	Berkeley Avenue Trib 1	7.23	30.9214	0.03116	0.0387	3500	800	270	25.7	1	0.5	70.2	17.1
12:55	Site 5	Berkeley Avenue Trib 2	6.68	16.4353	0.01508	0.0387	23000	2100	1000	33.2	1	1	71.9	15.7
13:10	Site 6	Monkton Crescent	7.21	16.1695	0.0574	0.08643	3300	950	410	25.9	3	1	93.9	16.7
13:25	Site 7	Alder Road Pond inlet	7.71	13.6444	0.02722	0.10578	5600	1800	420	27.4	7	1	90.1	17.0
13:30	Site 8	Alder Road Pond outlet	7.34	9.0815	0.05871	0.09675	2200	2000	240	25.5	16	4	45.5	18.0
13:50	Site 9	Talbot Heath	7.38	7.3538	0.04231	0.0387	7000	1200	80	24.8	2	1.5	60.6	18.4
14:35	Site 10	Coy Pond inlet	7.6	8.0183	0.03706	0.03999	33000	800	150	25.3	1	1	92.8	17.4
14:40	Site 11	Coy Pond outlet	7.44	7.3538	0.03706	0.07224	12000	5200	1000	24.5	6	2	86.1	17.5
15:00	Site 12	Coy Pond Gardens	7.02	20.9096	0.04854	0.20511	2800	510	1000	29.4	4	1.5	98.4	16.0
15:15	Site 13	Branksome Wd Rd Weir	7.38	13.6887	0.05444	0.1031	12000	3100	1000	27.8	2	1	98.8	17.5
15:30	Site 14	Central Gardens	6.99	11.9167	0.04264	0.0774	5300	1000	240	32.8	2	1	95.7	16.6

Sampling by: BSP

* really disgusting fatty, sludgy mess (but no smell)

** low flow, no stream water diverted through wetlands

Time	14-Aug-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
16:00	Site 1	U/S of SUD II	7.64	15.1949	0.90528	0.16512	220000	39000	1000	26.1	55	2.51	71.3	21.1
16:05	Site 2	D/S of SUD II	7.85	15.1949	0.53792	0.26058	57000	44000	160	26.3	3	0.7	68.8	20.5
16:10	Site 3	D/S of SUD I	7.72	10.4105	0.04657	0.04902	5200	2100	130	25.9	3	0.72	56.6	20.8
13:45	Site 4	Berkeley Avenue Trib 1	6.59	16.7454	0.02394	0.06063	3400	3100	1000	31.7	2	0.53	67.0	17.8
13:40	Site 5	Berkeley Avenue Trib 2	7.36	33.7566	0.03936	0.0387	2200	1400	230	24.2	5	0.65	88.0	17.7
13:25	Site 6	Monkton Crescent	7.15	13.8216	0.04395	0.0387	1800	920	510	24.9	42	0.93	92.7	18.5
12:40	Site 7	Alder Road Pond inlet	7.82	12.847	0.01476	0.0387	3200	1800	830	25.4	8	0.61	83.7	18.0
12:35	Site 8	Alder Road Pond outlet	7.33	8.5942	0.13284	0.1677	2100	950	100	25.7	77	3.95	48.9	19.4
12:20	Site 9	Talbot Heath	7.24	7.5753	0.02755	0.06321	2200	460	50	26.1	3	0.8	61.3	17.9
12:05	Site 10	Coy Pond inlet	7.59	7.7525	0.01476	0.04257	5100	2000	200	26.8	2	0.68	89.0	16.8
12:00	Site 11	Coy Pond outlet	7.42	6.4235	0.02755	0.1032	2700	910	170	27.3	4	1.02	80.6	17.8
11:50	Site 12	Coy Pond Gardens	7	20.378	0.05182	0.14577	3700	660	170	27.9	3	0.57	94.5	17.7
11:40	Site 13	Branksome Wd Rd Weir	7.36	14.7962	0.05084	0.10965	3700	1300	400	27.8	3	0.69	91.9	17.8
11:25	Site 14	Central Gardens	7.35	11.8281	0.02066	0.03999	2600	800	110	32	2	0.62	88.4	16.5

Sampling by: BSP

Time	20-Aug-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
11:55	Site 1	U/S of SUD II	7.1	0.86828	0.01312	0.7095	35000	2000	140	31.5	216	24.6	82.5	18.9
12:20	Site 2	D/S of SUD II	7.85	16.0366	0.24698	0.0387	440	10	10	26.9	3	0.5	77.3	18.5
12:25	Site 3	D/S of SUD I	7.71	12.0496	0.0446	0.0387	300	140	10	27	5	0.5	52.7	16.9
12:45	Site 4	Berkeley Avenue Trib 1	7.37	33.9338	0.05576	0.0387	800	450	10	25.6	2	0.75	81.1	15.8
12:50	Site 5	Berkeley Avenue Trib 2	6.65	17.5871	0.05248	0.08514	1000	110	20	34.1	25	1	63.4	14.6
13:05	Site 6	Monkton Crescent	7.09	16.2138	0.03608	0.0387	350	130	30	26.5	3	0.55	103.1	15.9
13:20	Site 7	Alder Road Pond inlet	7.78	12.9356	0.01312	0.0387	1000	230	10	27	3	0.5	93.0	15.8
13:25	Site 8	Alder Road Pond outlet	7.38	9.7017	0.10824	0.0387	300	120	10	27.1	57	4	56.2	16.4
13:45	Site 9	Talbot Heath	7.31	9.4359	0.03608	0.05547	300	30	10	28.2	4	0.53	57.8	15.9
14:00	Site 10	Coy Pond inlet	7.55	9.4802	0.04592	0.0387	800	300	10	28.3	1	0.53	94.6	14.0
14:10	Site 11	Coy Pond outlet	7.46	7.531	0.0984	0.05418	300	130	10	28.4	4	0.78	86.9	14.9
14:25	Site 12*	Coy Pond Gardens	7.04	20.6438	0.31488	0.04515	800	200	10	29.4	14	0.55	96.4	16.5
15:00	Site 13	Branksome Wd Rd Weir	7.34	15.505	0.20664	0.0387	500	110	10	29.2	3	0.53	101.7	16.1
15:15	Site 14	Central Gardens	6.95	11.8281	0.05576	0.0387	100	70	20	33.9	1	0.57	98.5	15.5

Sampling by: BSP

* milky sheen & stinks

Water Quality 2003

Time	28-Aug-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
14:15	Site 1	U/S of SUD II	7.72	14.0431	0.574	1.4577	1000000	590000	10000	26.9	15	6.77	76.4	19.4
14:30	Site 2	D/S of SUD II	7.36	17.1441	0.656	2.0898	980000	230000	1000	29.8	69	26	64.2	19.1
14:00	Site 3	D/S of SUD I	7.74	13.3343	0.05904	0.05031	25000	4500	1000	28.6	4	1.37	60.5	18.2
14:45	Site 4	Berkeley Avenue Trib 1	7.12	26.58	0.20664	2.1414	1000000	10000	10000	24.9	35	20	76.4	17.7
14:50	Site 5	Berkeley Avenue Trib 2	6.88	20.6438	0.082	0.42828	100000	10000	1000	35.6	7	3.67	80.7	15.8
15:10	Site 6	Monkton Crescent	7.02	16.6125	0.12464	1.18035	21000	4700	1000	23.8	12	5.88	72.5	17.3
15:20	Site 7	Alder Road Pond inlet	7.46	15.062	0.07544	0.5805	61000	10000	1000	25.6	25	7.56	72.0	17.9
15:45	Site 8	Alder Road Pond outlet	7.54	9.3916	0.0492	0.07482	6600	3400	750	28.2	16	2	58.5	17.8
16:00	Site 9	Talbot Heath	7.3	11.1636	0.07872	0.8127	100000	10000	10000	26.4	10	6.36	69.6	17.9
16:10	Site 10	Coy Pond inlet	7.32	8.5499	0.082	0.48117	65000	10000	10000	23.4	31	3.72	81.5	17.7
16:15	Site 11	Coy Pond outlet	7.46	8.1069	0.03936	0.21801	22000	8000	1000	27	9	1.92	85.7	16.9
16:25	Site 12	Coy Pond Gardens*	7.14	7.088	0.29192	1.419	16000000	100000	10000	10.8	171	18.7	94.1	19.2
16:35	Site 13	Branksome Wd Rd Weir*	7.13	6.8665	0.28208	1.3287	18000000	130000	10000	15	171	20.3	96.3	19.0
16:45	Site 14	Central Gardens*	7.16	10.4991	0.41656	1.3674	20000000	110000	10000	21.1	180	16.8	89.3	18.5

Sampling by: EA

* very high solids, dark brown in colour and slight petrochemical smell

Time	05-Sep-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
12:30	Site 1	U/S of SUD II	8.03	17.1884	0.31127	0.31863	37000	12000	110	26.7	2	0.67	75.0	17.6
12:35	Site 2	D/S of SUD II	8.01	16.5682	0.28568	0.19608	14000	1000	140	26.8	3	0.65	73.1	17.5
12:45	Site 3	D/S of SUD I	7.86	13.6887	0.04001	0.0387	3800	740	110	26.9	13	0.78	58.5	16.5
13:20	Site 4	Berkeley Avenue Trib 1	7.3	33.0478	0.01312	0.0387	2600	720	200	24.7	6	0.73	57.5	16.1
13:25	Site 5	Berkeley Avenue Trib 2	6.77	17.2327	0.01312	0.0387	6400	800	1000	31.8	2	1.04	60.5	15.0
13:40	Site 6	Monkton Crescent	7.29	16.7011	0.02033	0.0387	2700	240	240	25.6	3	0.53	74.0	15.5
14:15	Site 7	Alder Road Pond inlet	7.8	12.404	0.01312	0.0387	2600	560	230	27.6	2	0.5	70.1	15.7
14:20	Site 8	Alder Road Pond outlet	7.5	9.303	0.0328	0.06321	4000	1200	460	27.5	52	1.6	48.7	16.0
14:35	Site 9	Talbot Heath	7.42	8.3284	0.01344	0.0387	1700	560	300	27.7	4	0.5	50.2	15.9
14:55	Site 10	Coy Pond inlet	7.69	9.2587	0.01312	0.0387	3000	630	260	27.9	3	0.5	70.3	14.5
15:00	Site 11	Coy Pond outlet	7.45	8.417	0.01968	0.0903	6900	2700	1000	28.9	8	1.11	67.1	14.7
15:10	Site 12	Coy Pond Gardens	7.08	20.4666	0.03936	0.1677	2800	670	200	29.2	4	0.5	76.9	16.5
15:20	Site 13	Branksome Wd Rd Weir	7.42	15.3712	0.01312	0.12384	7800	3100	860	29.1	4	0.5	56.0	15.9
15:40	Site 14	Central Gardens	7.02	12.1382	0.02984	0.07611	4100	2100	540	33.8	4	0.5	72.8	15.4

Time	10-Sep-03		pH	Nitrate (NO3)	Nitrite (NO2)	Ammonium (NH4)	Total Coliforms Pres.	Faecal Coliforms Pres.	Enterococci Pres.	Chloride	Solids Suspended 105oC	BOD	DO%	Water Temp oC
14:55	Site 1	U/S of SUD II	7.84	16.9669	0.01312	0.0387	310	150	10	28	5	0.72	65.3	17.3
15:00	Site 2	D/S of SUD II	7.63	16.2581	0.01312	0.0387	100	10	10	28.2	5	0.81	56.0	17.1
15:05	Site 3	D/S of SUD I	7.93	11.961	0.02952	0.0387	210	10	10	27.8	22	1.43	44.5	17.1
14:35	Site 4	Berkeley Avenue Trib 1	6.94	15.6822	0.10496	0.03999	250	10	10	21.1	2	1.43	44.5	16.6
14:40	Site 5	Berkeley Avenue Trib 2	6.7	13.1128	0.03608	0.0387	280	80	10	31.4	2	0.92	55.0	16.2
14:15	Site 6	Monkton Crescent	6.97	6.6007	0.07544	0.0387	290	10	10	23.2	2	1.43	52.9	15.7
12:50	Site 7	Alder Road Pond inlet	7.8	11.8281	0.02296	0.0387	270	50	10	28.4	2	0.83	42.5	16.2
12:55	Site 8	Alder Road Pond outlet	7.48	10.4105	0.04887	0.0387	140	50	10	28.1	11	1.25	44.6	16.0
13:10	Site 9	Talbot Heath	7.17	8.4613	0.13382	0.0387	150	40	10	26.6	2	1.37	42.0	16.2
13:25	Site 10	Coy Pond inlet	7.27	8.9486	0.16531	0.04773	150	20	10	26.1	1	1.41	63.5	15.2
13:30	Site 11	Coy Pond outlet	7.39	9.0372	0.09676	0.0387	230	60	10	27.7	4	1.53	57.1	15.4
13:35	Site 12	Coy Pond Gardens	6.88	19.2705	0.60024	0.0387	360	20	10	28.6	3	1.67	61.0	16.3
13:45	Site 13	Branksome Wd Rd Weir	7.28	14.8405	0.06789	0.10578	280	10	10	28.3	2	0.95	65.3	16.1
13:55	Site 14	Central Gardens	6.9	11.1193	0.02722	0.1161	120	20	10	33.5	1	0.59	75.6	15.5