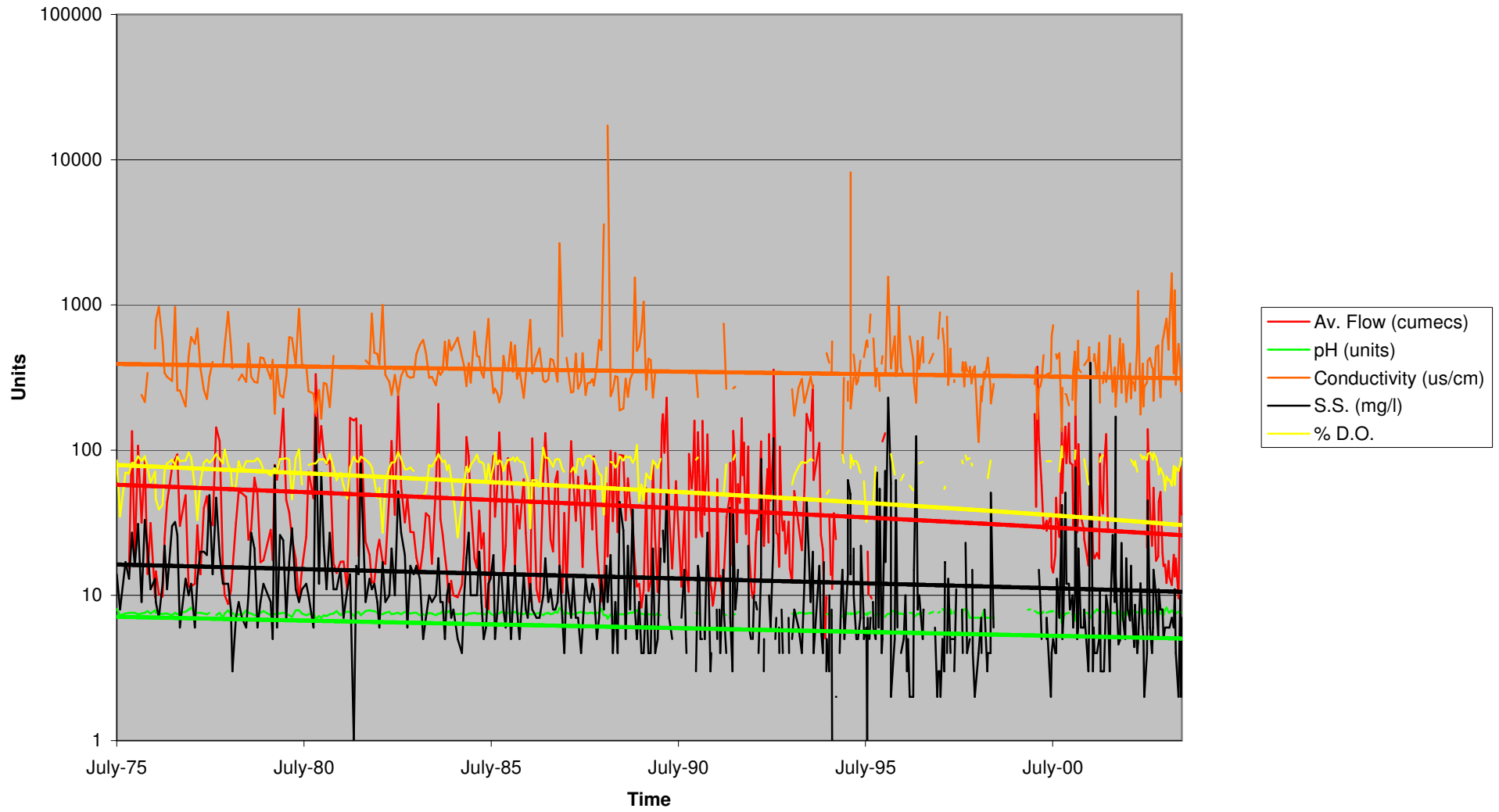
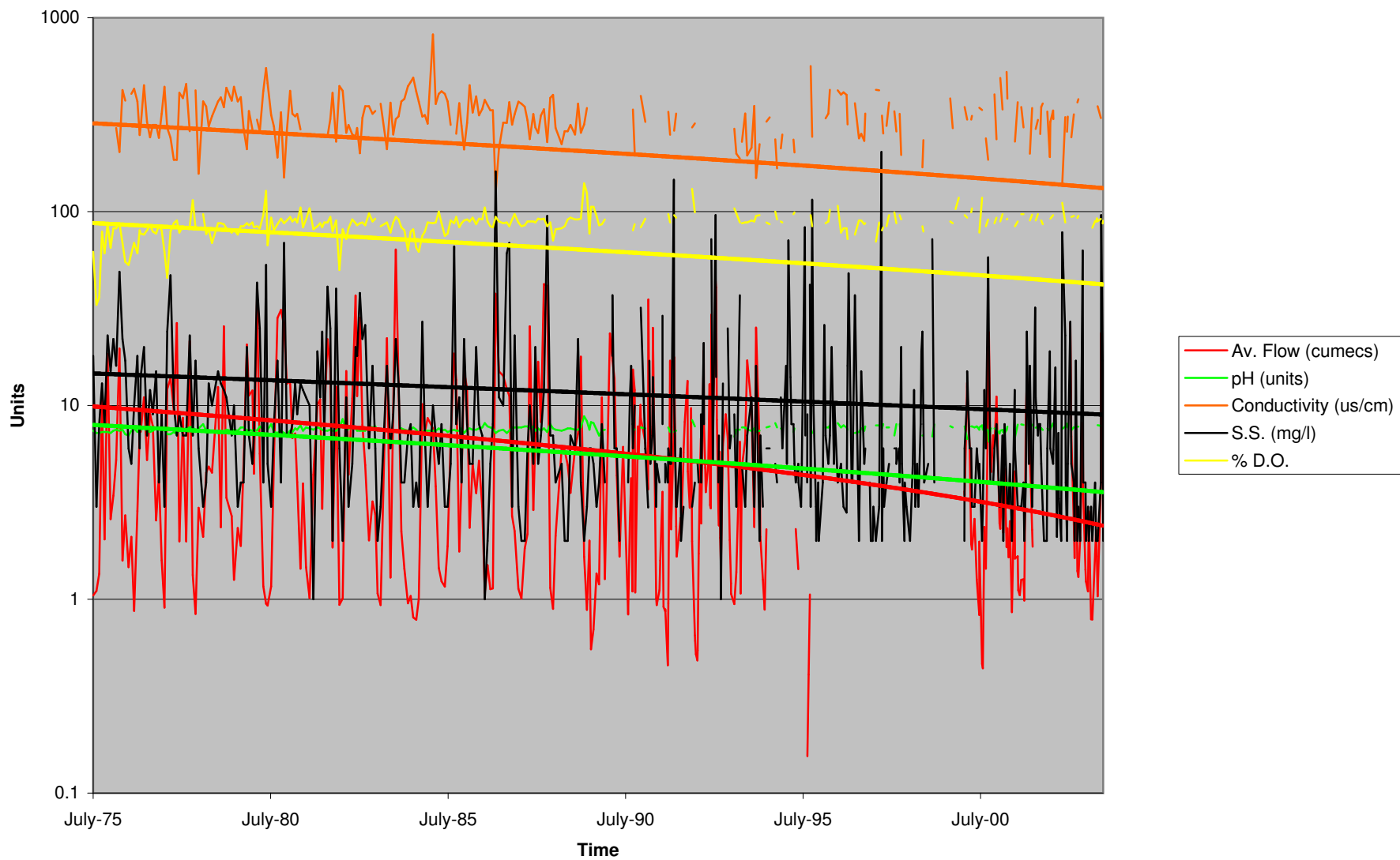


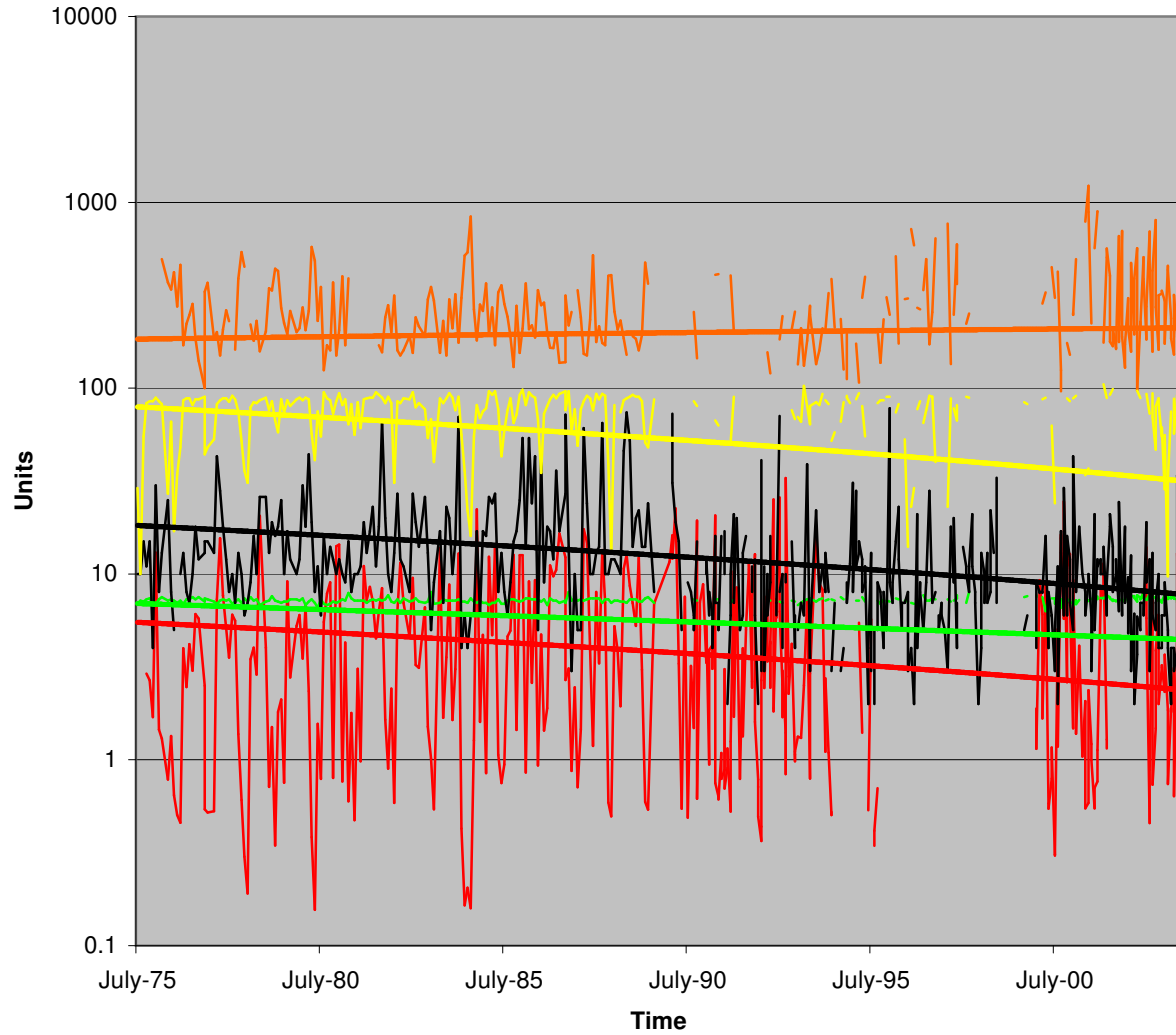
River Clyde at Glasgow Green (Jan 1974 - Dec 2003)



White Cart River at Hawkshead (Jan 1974 - Dec 2003)



Black Cart River at Blackstoun Farm Bridge (Jan 1974 - Dec 2003)



- Black Cart Water Baseline Water Quality Data (Jan 1974 – Dec 2003) Extracted from SEPA Water Quality Classification Av. Flow (Cumeecs)
- Black Cart Water Baseline Water Quality Data (Jan 1974 – Dec 2003) Extracted from SEPA Water Quality Classification pH (units)
- Black Cart Water Baseline Water Quality Data (Jan 1974 – Dec 2003) Extracted from SEPA Water Quality Classification Conductivity (us/cm)
- Black Cart Water Baseline Water Quality Data (Jan 1974 – Dec 2003) Extracted from SEPA Water Quality Classification S.S. (mg/l)
- Black Cart Water Baseline Water Quality Data (Jan 1974 – Dec 2003) Extracted from SEPA Water Quality Classification % D.O.

Black Cart Water  
 Baseline Water Quality Data (Jan 1974 – Dec 2003)  
 Extracted from SEPA Water Quality Classification

Date	Av. Flow (Cumeecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
22/07/1975	-	6.9	-	10	29
25/08/1975	-	7.2	-	10	10
16/09/1975	-	7.1	-	15	55
14/10/1975	2.907	7.3	-	11	83
12/11/1975	2.68	7.4	-	15	85
15/12/1975	1.696	6.9	-	4	85
05/01/1976	13.058	6.9	-	30	89
04/02/1976	1.452	7.3	-	8	85
05/03/1976	1.301	7.5	495	13	82
07/05/1976	0.784	7.2	370	25	27
08/06/1976	1.344	7.3	340	8	66
09/07/1976	0.645	7.2	420	5	17
10/08/1976	0.505	7	275	-	34.5
10/09/1976	0.458	7.2	460	10	48
27/10/1976	3.977	6.9	170	13	86
22/11/1976	2.462	7.3	222	8	88
16/12/1976	4.199	7.3	247	7	88
19/01/1977	3.012	7.5	284	10	81
18/02/1977	6.087	7.3	185	18	87
16/03/1977	5.759	7.5	140	12	87
18/05/1977	2.504	7.1	100	13	90
31/05/1977	0.542	7.4	330	15	44
27/06/1977	0.52	7.3	369	15	48
03/08/1977	0.529	7.1	185	13	53
08/09/1977	7.307	6.9	200	43	82
31/10/1977	15.601	7.2	150	28	86
16/11/1977	7.65	7.3	207	18	88
14/12/1977	5.096	7.2	262	12	88
12/01/1978	3.546	7.3	229	8	84.5
08/02/1978	6.045	6.9	-	10	91
10/03/1978	5.6	7.1	161	7	87
13/04/1978	1.378	7.3	389	13	75
11/05/1978	0.607	7	540	10	52
08/06/1978	0.301	7.4	450	6	36
11/07/1978	0.191	7.1	-	7	31
16/08/1978	3.486	7.5	220	9	79
18/09/1978	4.009	7.2	180	16	84
17/10/1978	2.877	7.3	230	10	83
16/11/1978	20.581	6.8	158	26	86
18/01/1979	4.011	7.1	202	26	89
19/02/1979	0.714	7.2	345	13	76
20/03/1979	1.499	7.6	335	19	85
18/04/1979	0.346	7.2	440	16	67
17/05/1979	1.812	7.1	428	18	58
13/06/1979	2.108	7	270	25	87
18/07/1979	0.752	7.1	224	10	74
13/08/1979	9.124	7.1	195	17	86
14/09/1979	2.779	7.3	260	12	80
13/11/1979	5.249	7.3	200	10	87
14/12/1979	6.004	7.2	210	12	89
22/01/1980	3.504	7.4	272	30	86
20/02/1980	6.729	6.8	205	18	89

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
20/03/1980	2.339	7.1	260	44	87
25/04/1980	0.384	7.3	575	19	57
19/05/1980	0.156	7	485	8	41
17/06/1980	1.559	6.6	230	11	75
16/07/1980	0.788	7.3	351	6	55
21/08/1980	5.52	6.9	125	16	95
19/09/1980	7.835	6.8	170	10	88
27/10/1980	8.998	6.9	160	14	86
11/11/1980	0.8	7.1	370	12	73
17/12/1980	14.123	7	150	10	85
21/01/1981	14.418	7.1	205	12	94
19/02/1981	0.766	7.3	400	10	81
16/03/1981	4.284	7.2	170	9	87
24/04/1981	0.597	7.9	390	15	64
26/05/1981	1.79	7.4	-	8	82
29/06/1981	0.473	7.2	-	10	56
24/07/1981	3.09	7.2	-	10	84
26/08/1981	0.98	7.2	-	11	61
22/09/1981	11.044	7.2	-	19	87
05/10/1981	7.236	7	-	13	88
05/11/1981	8.537	7.2	-	17	89
04/12/1981	7.124	7.3	-	23	89
08/01/1982	4.508	7.2	-	11	95
03/02/1982	6.283	7.3	170	18	92
01/03/1982	8.402	7.2	156	67	89
05/04/1982	1.642	7.3	240	20	83
14/05/1982	0.898	7.7	280	10	90
17/06/1982	2.419	7.1	200	8	83
23/07/1982	0.587	7	315	13	31
30/08/1982	6.34	7.3	160	27	85
29/09/1982	11.476	7	150	12	83
18/10/1982	6.998	7.4	160	11	88
07/12/1982	4.585	7.1	190	8	87
10/01/1983	9.514	7.2	155	27	95
08/02/1983	3.244	7.4	240	19	79
09/03/1983	3.123	7.1	215	14	83
09/05/1983	6.616	7	190	26	77
10/06/1983	1.505	7.1	300	13	54
05/07/1983	1.018	8	350	5	68
03/08/1983	0.542	6.9	295	9	40
07/10/1983	13.769	7	155	17	88
08/11/1983	1.683	7.3	230	7	83
05/12/1983	3.563	7.2	150	23	88
17/01/1984	8.759	7.2	300	20	94
20/02/1984	1.64	7.2	210	10	89
22/03/1984	3.073	7.2	320	15	76
18/04/1984	12.886	7.3	176	70	90
22/05/1984	0.427	7.1	306	4	56
15/06/1984	0.165	7.1	517	6	36
18/07/1984	0.205	7	537	4	22
24/08/1984	0.159	7.4	838	6	16
18/09/1984	1.269	7.1	266	6	55
25/10/1984	22.251	7	181	17	81
20/11/1984	1.601	7.2	282	6	69
14/12/1984	4.712	7	260	17	75
09/01/1985	0.847	7	366	16	78

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
01/02/1985	12.369	6.8	195	26	96
04/03/1985	4.679	7	272	24	92
02/04/1985	14.347	7	170	27	96
02/05/1985	1.065	7.3	327	8	77
05/06/1985	0.751	6.9	358	13	43
02/07/1985	0.942	6.9	284	8	59
01/08/1985	4.609	7.2	242	6	76
06/09/1985	4.95	7.3	190	9	88
07/10/1985	12.675	7.3	130	15	65
05/11/1985	1.448	7.2	277	17	72
04/12/1985	12.603	7.1	155	25	92
23/01/1986	12.604	7.2	209	54	98
19/02/1986	0.856	7.4	366	14	81
21/03/1986	9.134	7.4	208	54	95
22/04/1986	2.597	7.3	218	24	91
21/05/1986	9.28	7.3	187	43	89
26/06/1986	0.934	7.3	337	5	68
28/07/1986	4.716	7.1	280	42	35
21/08/1986	1.437	7.3	289	9	73
23/09/1986	1.894	6.8	199	18	80
20/10/1986	11.129	7.4	165	17	87
19/11/1986	9.717	7.2	164	12	92
15/12/1986	10.52	7.2	199	36	88
21/01/1987	16.565	7	137	17	93
02/03/1987	12.267	7.2	138	27	96
23/03/1987	2.684	7	315	72	76
21/04/1987	3.107	8	218	14	96
29/05/1987	0.871	7.2	257	3	59
23/06/1987	2.455	7.4	-	10	77
24/07/1987	0.711	7.2	337	5	49
28/08/1987	1.459	7.3	240	5	77
21/09/1987	17.42	7.2	153	61	85
22/10/1987	14.866	7.3	150	24	91
24/11/1987	3.883	7.4	234	10	88
16/12/1987	1.189	7.4	519	10	76
21/01/1988	7.998	7.4	177	13	93
22/02/1988	3.311	7.4	215	14	87
25/03/1988	13.448	7	175	65	93
21/04/1988	7.01	7.3	170	10	91
17/05/1988	0.588	7.3	403	10	39
21/06/1988	0.497	7	406	12	13
13/07/1988	5.228	7.2	258	12	81
11/08/1988	3.855	7.2	207	11	-
19/09/1988	1.944	7.1	231	10	74
19/10/1988	10.708	7.1	185	46	86
10/11/1988	12.67	7	151	74	88
08/12/1988	8.642	7.3	-	52	90
18/01/1989	6.975	7.3	190	14	92
09/02/1989	5.259	7.3	184	20	90
10/03/1989	12.215	7.1	160	22	90
17/04/1989	3.05	7.1	193	14	85
16/05/1989	0.594	7.4	473	14	51
21/06/1989	0.539	7.5	365	24	48
25/08/1989	6.925	7	-	8	87
23/01/1990	11.622	-	-	-	-
06/02/1990	16.146	7.1	185	73	91

Date	Av. Flow (Cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
19/02/1990	12.089	-	-	31	-
12/03/1990	22.515	-	-	19	-
03/04/1990	3.286	-	-	15	-
02/05/1990	0.545	-	-	5	-
07/06/1990	7.526	-	-	-	-
30/07/1990	0.488	-	-	9	-
30/08/1990	3.196	-	-	8	-
12/09/1990	1.481	-	-	6	-
26/09/1990	1.88	7.3	257	5	85
03/10/1990	19.354	7.2	145	15	80
10/10/1990	0.617	-	-	-	-
01/11/1990	5.023	7.1	160	8	87
08/11/1990	7.022	-	-	-	-
05/12/1990	8.788	-	-	-	-
15/01/1991	3.337	6.1	289	10	91
22/01/1991	5.576	-	-	12	-
06/02/1991	0.945	7.3	432	6	84
20/02/1991	3.896	-	-	8	-
04/03/1991	4.146	7.5	286	6	90
15/03/1991	3.084	-	-	4	-
11/04/1991	20.637	-	-	16	-
29/04/1991	0.751	7.3	407	7	67
13/05/1991	0.634	7.3	411	7	63
20/05/1991	0.612	-	-	5	-
13/06/1991	1.09	7.4	201	16	86
28/06/1991	0.788	-	-	-	-
11/07/1991	0.881	7.2	279	10	61
17/07/1991	3.083	-	-	17	-
29/07/1991	0.701	-	-	-	-
08/08/1991	0.903	7.4	357	-	55
15/08/1991	1.153	-	-	2	-
12/09/1991	0.527	-	-	6	-
20/09/1991	1.258	7	405	10	51
03/10/1991	10.337	7.3	202	21	90
15/10/1991	1.707	-	-	7	-
12/11/1991	8.463	-	-	20	-
12/12/1991	0.791	-	-	5	-
14/01/1992	3.983	7.1	204	6	96
24/01/1992	1.34	-	-	13	-
06/02/1992	5.018	7	197	16	93
20/02/1992	5.155	-	-	-	-
03/03/1992	10.593	7.1	157	38	93
19/03/1992	11.494	-	-	-	-
03/04/1992	2.631	-	-	-	-
22/04/1992	2.448	-	-	8	-
30/04/1992	7.362	7	218	11	89
08/05/1992	12.755	-	-	-	-
13/05/1992	5.113	7.3	174	12	93
20/05/1992	1.602	-	-	6	-
11/06/1992	0.783	7.6	412	2	51
17/06/1992	0.716	-	-	-	-
26/06/1992	0.495	-	-	4	-
10/07/1992	0.366	-	-	-	-
13/07/1992	0.438	7	316	3	32
24/07/1992	2.683	-	-	41	-
10/08/1992	7.575	-	-	-	-

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
11/08/1992	4.742	7.2	159	11	83
20/08/1992	2.439	-	-	3	-
16/09/1992	8.156	-	-	10	-
22/09/1992	3.384	7.4	156	6	79
05/10/1992	4.32	7.2	120	9	-
13/10/1992	2.449	-	-	16	-
30/10/1992	4.246	-	-	-	-
02/11/1992	25.166	6.9	93	33	-
19/11/1992	1.893	-	-	-	-
27/11/1992	1.824	-	-	-	-
10/12/1992	7.343	7.3	148	6	-
17/12/1992	5.827	-	-	7	-
15/01/1993	25.768	-	-	71	-
28/01/1993	8.469	-	-	-	-
29/01/1993	6.271	7.1	183	8	-
04/02/1993	2.546	7	244	10	89
11/02/1993	1.697	-	-	4	-
25/02/1993	3.012	-	-	-	-
02/03/1993	1.4	7.3	277	10	84
10/03/1993	0.837	-	-	9	-
17/03/1993	32.882	-	-	-	-
28/04/1993	2.814	7.4	227	6	91
29/04/1993	2.263	-	-	-	-
14/05/1993	4.217	7.2	208	15	76
08/06/1993	0.982	7.1	258	4	68
09/06/1993	1.066	-	-	6	-
23/06/1993	1.109	-	-	-	-
22/07/1993	1.335	6.8	134	5	70
19/08/1993	1.31	7	210	7	66
22/09/1993	2.516	7.2	132	6	103
06/10/1993	7.143	7.3	180	39	80
01/11/1993	0.794	7.4	277	3	64
29/11/1993	2.908	7.4	249	5	80
14/01/1994	15.634	7.1	135	22	84
07/02/1994	8.887	7.3	159	8	81
02/03/1994	8.224	7.4	210	11	93
21/04/1994	1.108	-	-	8	-
26/04/1994	2.742	7.2	205	13	86
11/05/1994	1.094	7.3	325	8	82
02/06/1994	0.505	-	-	-	-
13/06/1994	0.525	7.3	387	3	52
25/07/1994	0	7.2	212	7	58
28/07/1994	1.523	-	-	-	-
16/08/1994	0	7.2	355	4	50
25/08/1994	4.819	-	-	-	-
28/09/1994	0	7.5	236	3	66
05/10/1994	0	7.3	126	4	84
13/10/1994	12.161	-	-	-	-
01/11/1994	0	7.4	112	9	91
28/11/1994	0	7.4	198	7	89
06/12/1994	0	-	-	11.4	83
10/01/1995	15.954	-	-	31	-
13/01/1995	0	7.1	198	8	92
03/02/1995	14.214	-	-	28	-
14/02/1995	0	7.2	174	11	87
01/03/1995	0	7.2	107	13	94

Date	Av. Flow (Cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
07/03/1995	5.464	-	-	15	-
18/04/1995	1.395	-	-	12	-
21/04/1995	0	7.5	306	8	80
15/05/1995	0	7.1	398	9	55
16/05/1995	0.485	-	-	11	-
12/06/1995	0	7.1	314	2	43
13/06/1995	0.536	-	-	4	-
21/07/1995	5.714	-	-	13	-
26/07/1995	-	7.1	244	3	58
31/07/1995	0.952	-	-	-	-
15/08/1995	-	7.1	748	2	14
18/08/1995	0.345	-	-	5	-
30/08/1995	0.415	-	-	-	-
12/09/1995	0.705	-	-	5	-
26/09/1995	-	7.2	207	9	83
18/10/1995	-	6.9	137	8	86
13/11/1995	-	7.3	235	4	86
17/11/1995	13.407	-	-	8	-
05/12/1995	-	7.2	309	5	90
04/01/1996	-	7.1	248	78	90
09/01/1996	9.592	-	-	9	-
02/02/1996	-	7.5	564	7	79
06/02/1996	0.804	-	-	9	-
08/03/1996	-	7.4	512	15	74
17/04/1996	-	7.3	174	23	82
23/04/1996	7.361	-	-	12	-
13/05/1996	-	7.3	337	5	61
21/05/1996	0.621	-	-	7	-
17/06/1996	-	7.2	301	7	53
22/07/1996	-	7.1	304	8	14
25/07/1996	0.461	-	-	3	-
20/08/1996	-	7	718	4	23
17/09/1996	-	6.9	586	2	29
15/10/1996	0.933	-	-	21	-
24/10/1996	-	7.3	271	4	77
11/11/1996	-	7.1	266	9	85
21/11/1996	2.114	-	-	8	-
13/12/1996	-	7.7	337	5	65
24/01/1997	0	7.2	494	9	76
20/02/1997	0	7.2	172	28	91
20/03/1997	0	7.4	256	7	90
17/04/1997	0	7.3	640	8	40
22/04/1997	0.724	-	-	-	-
15/05/1997	0	7.6	286	6	94
30/05/1997	0.74	-	-	5	-
13/06/1997	0	7.5	621	7	36
27/06/1997	0.668	-	-	6	-
18/07/1997	0	7.5	654	5	20
22/07/1997	0.561	-	-	5	-
22/08/1997	0	7.3	767	3	23
17/09/1997	0	7.1	135	18	88
14/10/1997	2.262	-	-	9	-
16/10/1997	0	7.2	248	20	78
04/11/1997	0	7.4	595	4	67
27/11/1997	0	7.7	363	7	81
16/01/1998	-	-	-	-	-

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
21/01/1998	-	7	361	14	89
18/02/1998	-	-	-	11	-
19/02/1998	-	7	222	10	90
12/03/1998	-	8	252	8	89
18/03/1998	-	-	-	11	-
16/04/1998	-	-	-	21	-
21/04/1998	-	7	837	11	48
12/05/1998	-	-	-	8	-
27/05/1998	-	7	813	7	37
02/06/1998	-	-	-	2	-
07/07/1998	-	-	-	4	-
17/07/1998	-	7	296	13	80
06/08/1998	-	-	-	10	-
25/08/1998	-	7	261	7	98
01/09/1998	-	-	-	13	-
30/09/1998	-	7	430	7	62
01/10/1998	-	-	-	8	-
28/10/1998	-	7	159	22	90
03/11/1998	-	-	-	13	-
26/11/1998	-	6	150	-	64
02/12/1998	-	-	-	7	-
17/12/1998	-	7	241	33	77
13/01/1999	-	-	-	-	-
14/01/1999	-	-	-	20	88
16/02/1999	-	-	-	-	-
19/02/1999	-	6.56	-	-	-
18/03/1999	-	-	-	-	-
28/03/1999	-	7.8	-	-	-
14/04/1999	-	-	-	-	-
26/04/1999	-	7.45	221	6	84
11/05/1999	-	-	-	-	-
31/05/1999	-	7.81	-	-	-
16/06/1999	-	-	-	-	-
23/06/1999	-	7.46	278	8	87
15/07/1999	-	-	-	-	-
26/07/1999	-	7.49	152	9	87
17/08/1999	-	-	-	-	-
30/08/1999	-	-	-	-	-
28/09/1999	-	7.51	205	5	84
25/10/1999	-	7.6	207	6	82
29/11/1999	-	-	-	-	-
16/12/1999	-	-	-	-	-
19/01/2000	1.891	7.5	-	4	-
24/01/2000	1.148	7.7	374	9	85
16/02/2000	8.435	-	-	8	-
21/02/2000	9.257	7.5	216	8	96
14/03/2000	6.059	-	-	8	-
27/03/2000	1.668	7.5	285	8	87
26/04/2000	8.998	6.3	328	16	89
01/05/2000	0.582	7.4	-	4	-
31/05/2000	0.547	7.4	898	8	44
20/06/2000	0.794	-	-	6	-
23/06/2000	1.166	7.4	448	6	63
26/07/2000	0.308	7.4	306	3	24
27/07/2000	0.308	6.9	-	5	-
10/08/2000	5.044	-	-	11	-

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
28/08/2000	1.18	7.6	424	2	54
27/09/2000	16.26	6.6	125	17	-
28/09/2000	15.59	7.3	96	13	91
12/10/2000	5.746	6.9	-	6	-
25/10/2000	24.59	7.1	114	29	84
10/11/2000	2.61	-	-	6	-
29/11/2000	10.74	7.2	175	16	88
13/12/2000	12.82	7.3	151	12	85
15/12/2000	6.772	7.1	-	7	-
15/01/2001	1.480261	6.9	254	5	-
24/01/2001	9.308275	6.73	248	43	88
21/02/2001	1.786517	7.22	494	9	91
23/02/2001	1.38314	6.89	-	8	-
08/03/2001	4.105099	7.24	448	18	-
18/04/2001	1.042574	-	-	10	-
01/05/2001	2.070985	-	-	8	-
31/05/2001	0.547297	7.09	786	6	34
19/06/2001	0.586654	7.23	1228	9	37
20/06/2001	2.370287	7.16	887	10	-
26/07/2001	1.216526	7.37	223	6	71
27/07/2001	0.999385	-	-	3	-
10/08/2001	0.54881	-	-	21	-
29/08/2001	0.705578	7.77	567	5	59
27/09/2001	0.765582	7.34	893	12	-
28/09/2001	1.129929	7.56	891	11	54
12/10/2001	7.236693	-	-	12	-
25/10/2001	8.33237	7.41	203	10	93
12/11/2001	7.559429	7.41	-	10	-
29/11/2001	11.38472	7.39	176	14	105
18/12/2001	1.286918	7.65	505	6	88.5
20/12/2001	1.152168	7.7	563	9	-
15/01/2002	-	7.48	402	18	-
24/01/2002	-	7.39	178	21	92
21/02/2002	-	7.17	168	14	99
25/02/2002	-	7.28	210	8	-
08/03/2002	-	7.13	164	10	-
22/03/2002	-	7.18	164	12	98
18/04/2002	-	7.17	658	6.3	-
26/04/2002	-	7.19	177	24.4	92
17/05/2002	-	7.3	701	6	-
31/05/2002	-	7.26	189	7	90
17/06/2002	-	7.11	129	18	-
19/06/2002	-	7.43	172	7	93.5
23/07/2002	-	7.22	305	9.6	-
26/07/2002	-	7.5	208	4.8	71
12/08/2002	-	7.54	157	12.6	-
28/08/2002	-	7.59	472	3	46
12/09/2002	-	7.6	195	6.1	-
23/09/2002	-	7.45	388	2	55.5
11/10/2002	-	7.1	566	3.7	-
29/10/2002	-	7.7	97	5.9	97
21/11/2002	-	7.44	227	5	88.5
26/11/2002	-	7.31	218	7	-
10/12/2002	-	7.96	506	7	-
18/12/2002	-	7.41	387	6	82
13/01/2003	13.932	7.29	183	19	-

<b>Date</b>	<b>Av. Flow (Cumeecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
24/01/2003	5.776	7.24	275	9	93
21/02/2003	0.457	7.81	697	12	73
25/02/2003	0.883	7.24	463	3	-
10/03/2003	7.928	7.4	157	13	94
24/03/2003	0.734	7.57	429	6	70
25/04/2003	1.478	7.45	802	5	46.7
28/04/2003	3.879	7.53	273	7	79.9
19/05/2003	6.038	7.16	161	10	88
28/05/2003	1.995	7.35	316	4	81.6
17/06/2003	3.139	7.03	322	4	54.9
19/06/2003	3.224	7.14	334	6	61.5
15/07/2003	2.324	7.73	295	6	28.6
28/07/2003	3.684	7.29	174	9	55.9
13/08/2003	1.851	7.68	455	5	9.7
29/08/2003	0.74	7.33	433	4	32.8
25/09/2003	1.898	7.53	238	2	75
30/09/2003	1.807	7.39	185	4	-
13/10/2003	3.131	7.58	152	4	87.8
27/10/2003	0.637	7.36	317	3	56.9
21/11/2003	4.555	7.32	191	4	92.1
26/11/2003	12.942	7.03	188	34	90.6
11/12/2003	3.756	7.45	276	14	85.2
18/12/2003	2.611	7.72	237	4	89

Appendix 10 - Baseline Surface Water Quality Data

River Clyde

Baseline Water Quality Data (Jan 1974 – Dec 2003)

Extracted from SEPA Water Quality Classification

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
01/07/1975	-	8.1	-	14	85
01/08/1975	-	7.3	-	8	35
24/09/1975	-	7.5	-	17	70
27/10/1975	15.45	7.6	-	13	69
27/11/1975	135.108	7.6	-	27	82
23/12/1975	18.305	7.6	-	16	81
23/01/1976	107.514	7.4	-	31	91
27/02/1976	31.634	7.5	240	9	84
30/03/1976	83.769	7.6	215	33	91
27/04/1976	14.038	7.8	340	21	75
25/05/1976	31.532	7.5	-	11	60
08/07/1976	9.714	7.9	499	13	71
15/07/1976	14.672	7.6	780	9	46
13/08/1976	10.23	7.6	970	7	39
20/09/1976	9.815	7.4	560	12	42
08/10/1976	24.67	7.5	340	22	72
03/11/1976	43.853	7.5	320	11	81
22/12/1976	76.071	7.3	300	30	86
20/01/1977	86.432	7.6	970	32	79
11/02/1977	93.547	7.4	258	26	90
07/03/1977	30.04	7.6	258	6	84
02/05/1977	48.846	7.7	200	13	85
01/06/1977	11.459	8	440	10	96
24/06/1977	11.537	8.2	600	12	89
01/08/1977	12.023	7.6	540	6	56
26/08/1977	30.392	7.6	690	13	33
22/09/1977	13.968	7.6	370	20	60
27/10/1977	39.951	7.5	260	20	82
25/11/1977	48.207	7.4	225	19	86
19/12/1977	32.828	7.6	320	49	82
20/01/1978	30.368	-	405	14	86
24/02/1978	143.066	7.3	-	47	94
29/03/1978	115.284	7.6	-	19	87
01/05/1978	15.444	7	380	12	81
17/05/1978	10.038	7.5	520	12	101
20/06/1978	8.717	7.9	895	12	79
18/07/1978	10.782	7.4	520	8	72
01/08/1978	14.824	7.6	365	3	53
06/09/1978	31.43	7.2	-	7	57
02/10/1978	51.821	7.4	303	9	84
02/11/1978	50.429	7.3	332	7	72
15/12/1978	47.625	7.9	295	6	84
05/01/1979	24.203	7.6	542	10	84
02/02/1979	28.53	7.5	320	27	84
05/03/1979	64.571	7.3	295	21	84
03/04/1979	49.841	7.4	292	6	88
02/05/1979	16.918	7.6	435	9	83
01/06/1979	17.476	7.8	430	12	73

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
10/08/1979	28.343	7.3	309	9	67
31/08/1979	17.417	7.5	418	5	72
18/09/1979	79.162	7.4	178	78	75
11/10/1979	62.622	7.5	368	6	70.5
09/11/1979	90.192	7.5	240	26	87
11/12/1979	192.638	7.6	230	24	87
08/01/1980	45.323	7.5	322	7	88
06/02/1980	37.248	7.3	600	17	86
06/03/1980	24.832	7.1	590	29	46
11/04/1980	17.865	7.9	390	11	88
12/05/1980	9.184	7.9	940	9	101
10/06/1980	15.259	7.5	390	11	58
23/07/1980	25.371	7.3	380	12	-
14/08/1980	71.059	7.4	255	10	79
30/09/1980	46.487	7.6	245	6	81
24/10/1980	333.899	6.9	180	167	81
24/11/1980	96.243	7.2	260	12	87
15/12/1980	146.918	7	165	70	86
09/01/1981	94.453	7.3	290	22	87
06/02/1981	80.25	7.2	285	11	81
09/03/1981	84.235	7.4	198	27	94
14/04/1981	16.679	7.5	445	11	76
14/05/1981	14.23	7.8	-	11	62
22/06/1981	17.029	7.3	-	15	70
21/07/1981	17.114	7.6	-	7	57
27/08/1981	10.913	7.7	-	11	46.5
23/09/1981	166.764	7.7	-	14	76
30/10/1981	160.052	7.2	-	1	90
23/11/1981	165.295	7.6	-	16	84
15/12/1981	18.771	7.7	-	14	83
05/01/1982	148.446	7.3	-	81	90
22/02/1982	23.367	7.8	415	9	86
31/03/1982	19.063	7.9	390	13	81
22/04/1982	12.259	7.8	870	11	76
17/05/1982	12.382	7.8	470	12	62
16/06/1982	20.482	7.6	460	9	47
06/07/1982	24.125	7.4	390	6	55
06/08/1982	17.167	7.4	1000	17	27
02/09/1982	16.432	7.6	330	9	60
12/10/1982	49.977	7.7	295	10	76
01/11/1982	115.907	7.4	240	21	82
03/12/1982	35.705	7.5	330	10	83
05/01/1983	236.414	7.6	240	52	97
03/02/1983	56.289	7.4	325	27	87
11/03/1983	31.7	7.7	370	19	74
05/04/1983	47.754	7.6	325	6	74
04/05/1983	27.287	7.5	315	16	76
06/06/1983	27.25	7.6	320	14	72
01/07/1983	18.264	7.6	460	16	-
04/08/1983	14.218	7.3	530	13	46
06/09/1983	21.381	7.4	575	5	49
03/10/1983	36.812	7.3	470	7	51
02/11/1983	34.973	7.6	315	10	79
01/12/1983	16.527	7.5	320	9	77

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
09/01/1984	56.355	7.3	280	10	86
01/02/1984	208.428	7.5	355	18	94
21/02/1984	33.644	7.5	330	9	88
15/03/1984	26.227	7.8	350	9	83
06/04/1984	18.734	7.6	558	5	85
24/04/1984	14.283	7.6	375	10	73
14/05/1984	8.992	7.8	571	12	79
06/06/1984	12.628	7.4	487	7	64
28/06/1984	10.01	7.5	519	8	49
08/08/1984	9.715	7.4	595	5	25
17/09/1984	11.846	7.5	440	4	43
09/10/1984	21.011	7.4	376	10	59
02/11/1984	123.371	7.3	276	18	77
22/11/1984	91.378	7.5	397	27	71
12/12/1984	43.491	7.5	291	10	79
18/01/1985	18.007	7.6	656	10	86
11/02/1985	15.436	7.5	448	10	93
05/03/1985	38.249	7.5	438	20	83
27/03/1985	21.025	7.5	341	9	83
18/04/1985	26.769	7.4	315	5	80
10/05/1985	8.34	7.4	515	6	60
03/06/1985	7.756	7.8	800	12	80
24/06/1985	57.681	7.5	387	13	63
24/07/1985	91.182	7.3	247	19	77
07/08/1985	34.808	7.4	265	5	96
30/08/1985	59.976	7.5	245	8	80
18/09/1985	132.536	7.5	214	14	85
08/10/1985	64.645	7.7	246	14	83
28/10/1985	14.548	7.6	446	8	72
20/11/1985	21.995	7.6	357	6	79
12/12/1985	87.851	7.6	351	14	86
09/01/1986	64.316	7.6	551	5	86
29/01/1986	45.963	7.6	347	9	89
18/02/1986	15.905	7.7	526	16	84
10/03/1986	41.396	7.5	310	8	89
03/04/1986	28.866	7.5	357	5	84
14/05/1986	63.001	7.4	229	14	82
04/06/1986	26.87	7.6	329	8	70
23/06/1986	15.218	7.5	496	7	64
17/07/1986	9.121	7.4	789	12	29
06/08/1986	120.32	7.4	338	8	62
15/09/1986	10.928	7.5	441	7	62
15/10/1986	8.995	7.6	501	7	56
21/11/1986	64.444	7.3	302	10	104
11/12/1986	130.803	7.5	294	18	89
08/01/1987	56.266	7.6	306	9	88
30/01/1987	24.252	7.4	425	11	83
23/02/1987	20.038	7.5	417	8	77
17/03/1987	61.351	7.7	356	8	86
08/04/1987	71.253	7.6	296	9	87
29/04/1987	15.991	8.2	2650	16	86
26/05/1987	10.463	7.9	606	7	74
15/06/1987	36.98	7.4	-	4	71
07/07/1987	10.455	7.6	434	13	-

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
20/08/1987	115.058	7.4	250	7	71
11/09/1987	62.044	7.4	253	13	76
05/10/1987	32.712	7.5	462	7	70
27/10/1987	65.531	7.6	265	7	87
25/11/1987	31.817	7.7	297	4	87
10/12/1987	15.672	7.6	466	6	78
07/01/1988	72.421	7.6	240	13	90
28/01/1988	54.186	7.5	289	10	91
19/02/1988	59.015	7.6	290	9	92
14/03/1988	28.469	7.6	308	12	87
28/03/1988	90.526	7.5	279	11	88
27/04/1988	22.612	7.6	380	5	76
19/05/1988	13.248	7.6	574	7	69
10/06/1988	9.11	8.1	488	13	67
04/07/1988	9.712	7.3	3590	8	36
27/07/1988	58.925	7.3	-	16	76
10/08/1988	18.556	6.9	17200	9	-
08/09/1988	99.305	7.4	235	19	83
30/09/1988	32.414	7.1	260	4	82
24/10/1988	95.718	7.2	323	9	76
15/11/1988	27.205	7.5	318	4	80
05/12/1988	92.8	7.4	188	44	91
10/01/1989	91.622	7.4	194	28	85
01/02/1989	32.927	7.4	311	5	91
23/02/1989	64.134	7.5	233	22	89
17/03/1989	42.702	7.6	307	8	90
10/04/1989	30.982	7.6	340	39	82
02/05/1989	16.925	7.8	1540	8	87
22/05/1989	11.517	7.9	482	5	108
14/06/1989	12.004	7.5	520	9	44
06/07/1989	8.231	7.5	665	4	58
28/07/1989	10.86	7.4	1054	4	45
21/08/1989	54.699	7.4	261	10	69
12/09/1989	10.697	7.4	427	4	65
04/10/1989	12.46	7.4	416	4	63
26/10/1989	78.673	7.4	230	21	85
17/11/1989	24.825	7.3	340	4	81
11/12/1989	10.529	7.5	-	5	75
08/01/1990	54.754	7.3	299	21	87
22/01/1990	150.497	-	-	-	-
01/02/1990	176.928	7.2	200	28	93
15/02/1990	95.932	-	-	17	-
09/03/1990	229.35	-	-	51	-
03/04/1990	36.208	-	-	7	-
02/05/1990	15.336	-	-	5	-
07/06/1990	61.11	-	-	-	-
30/07/1990	11.467	-	-	7	-
30/08/1990	37.616	-	-	15	-
12/09/1990	14.974	-	-	5	-
17/09/1990	14.486	7.5	462	4	56
10/10/1990	10.605	-	-	-	-
11/10/1990	94.302	7.6	253	32	84
08/11/1990	54.754	-	-	-	-
19/11/1990	70.619	7.6	229	22	78

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
05/12/1990	159.407	-	-	-	-
19/12/1990	25.128	7.6	353	3	86
07/01/1991	133.072	7.5	232	16	89
22/01/1991	65.836	-	-	13	-
01/02/1991	28.316	7.5	420	5	100
19/02/1991	25.45	-	-	5	-
22/02/1991	159.219	-	-	-	-
12/03/1991	35.884	7.6	320	6	84
15/03/1991	47.611	-	-	5	-
05/04/1991	83.045	7.4	205	22	89
10/04/1991	128.192	-	-	27	-
10/05/1991	11.723	7.7	409	3	94
17/05/1991	11.205	-	-	4	-
31/05/1991	8.585	-	-	-	-
31/05/1991	8.585	-	-	-	-
07/06/1991	8.792	7.6	498	4	57
28/06/1991	12.084	-	-	-	-
09/07/1991	24.046	7.4	490	8	43
16/07/1991	62.998	-	-	5	-
29/07/1991	13.35	-	-	-	-
06/08/1991	12.787	7.6	533	8	53
14/08/1991	13.623	-	-	4	-
12/09/1991	8.555	-	-	15	-
16/09/1991	13.489	7.5	743	8	51
11/10/1991	29.99	7.3	264	4	80
14/10/1991	34.688	-	-	-	-
14/10/1991	34.688	-	-	-	-
14/11/1991	47.767	-	-	40	-
19/11/1991	81.677	7.4	322	7	90
11/12/1991	16.128	-	-	3	-
18/12/1991	135.809	7.4	266	36	86
06/01/1992	74.395	7.4	274	8	93
24/01/1992	23.194	-	-	11	-
03/02/1992	58.3	7.4	670	15	81
20/02/1992	43.432	-	-	-	-
11/03/1992	165.862	7.3	187	32	96
19/03/1992	67.258	-	-	-	-
02/04/1992	112.753	7.3	159	38	92
03/04/1992	67.109	-	-	-	-
22/04/1992	26.42	-	-	1	-
08/05/1992	89.295	-	-	-	-
12/05/1992	106.164	7.6	205	22	86
20/05/1992	21.239	-	-	6	-
08/06/1992	12.276	7.7	588	5	70
17/06/1992	10.579	-	-	-	-
26/06/1992	9.581	-	-	5	-
09/07/1992	10.563	7.5	518	10	76
10/07/1992	10.425	-	-	-	-
24/07/1992	22.973	-	-	9	-
06/08/1992	30.639	6.3	148	8	73
10/08/1992	33.479	-	-	-	-
20/08/1992	28.361	-	-	4	-
14/09/1992	114.832	7.5	143	14	84
16/09/1992	74.528	-	-	87	-

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
29/09/1992	41.676	-	-	-	-
12/10/1992	21.94	7.6	266	3	82
13/10/1992	21.953	-	-	5	-
30/10/1992	47.479	-	-	-	-
16/11/1992	74.286	7.5	241	5	86
19/11/1992	34.015	-	-	-	-
27/11/1992	23.166	-	-	-	-
01/12/1992	128.569	7.4	214	10	85
17/12/1992	45.053	-	-	6	-
11/01/1993	107.929	7.5	271	22	83
15/01/1993	359.015	-	-	121	-
28/01/1993	108.399	-	-	-	-
01/02/1993	54.758	7.5	240	5	98
11/02/1993	26.905	-	-	7	-
25/02/1993	26.3	-	-	-	-
10/03/1993	15.761	-	-	6	-
12/03/1993	16.938	7.6	384	4	77
17/03/1993	105.609	-	-	-	-
02/04/1993	36.299	7.5	220	8	83
15/04/1993	28.029	-	-	4	-
29/04/1993	32.412	-	-	-	-
11/05/1993	19.421	7.5	232	6	86
26/05/1993	23.259	-	-	-	-
09/06/1993	32.182	-	-	7	-
14/06/1993	25.802	7.8	288	4	68
23/06/1993	15.318	-	-	-	-
13/07/1993	12.367	7.5	263	5	58
05/08/1993	52.309	7.3	173	8	67
16/09/1993	30.312	7.6	269	6	77
18/10/1993	20.443	7.6	309	4	83
12/11/1993	52.214	7.5	212	12	82
02/12/1993	177.495	7.5	245	46	82
10/01/1994	136.213	7.6	319	9	87
01/02/1994	279.031	7.5	267	20	85
08/02/1994	62.296	-	-	4	-
06/04/1994	112.037	7.2	188	16	92
21/04/1994	25.923	-	-	6	-
10/05/1994	20.613	7.6	287	4	80
20/05/1994	10.686	-	-	17	-
02/06/1994	5.092	-	-	-	-
14/06/1994	9.793	-	-	3	-
15/06/1994	9.421	7.4	466	5	50
11/07/1994	0	7.5	400	3	53
12/07/1994	34.153	-	-	10	-
28/07/1994	13.8	-	-	-	-
04/08/1994	0	7.3	332	8	31
10/08/1994	0	7.2	560	1	-
10/08/1994	11.071	-	-	1	-
25/08/1994	36.75	-	-	-	-
15/09/1994	24.395	-	-	2	-
19/09/1994	0	7.6	307	2	66
13/10/1994	161.302	-	-	-	-
20/10/1994	0	7.5	526	4	51
08/11/1994	63.178	-	-	11	-

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
17/11/1994	0	7.1	90	15	93
01/12/1994	0	7.5	316	7	82
06/12/1994	74.67	-	-	5	-
09/01/1995	0	7.6	297	14	91
10/01/1995	0	7.4	218	62	-
10/01/1995	166.74	-	-	62	-
03/02/1995	0	7.5	239	50	-
03/02/1995	229.616	-	-	50	-
05/02/1995	-	7.6	8201	14	75
06/02/1995	0	7.4	194	19	93
07/03/1995	0	7.5	318	-	79
07/03/1995	59.899	-	-	21	-
08/03/1995	0	7.5	456	10	84
04/04/1995	0	7.5	283	5	84
18/04/1995	25.125	7.7	298	5	80
11/05/1995	0	7.6	414	7	70
16/05/1995	13.416	-	-	22	-
13/06/1995	0	7.6	839	7	-
13/06/1995	10.891	-	-	7	-
14/06/1995	0	7.5	437	5	61
10/07/1995	-	7.4	560	6	32
18/07/1995	-	7.3	569	1	44
21/07/1995	-	7.6	511	6	-
21/07/1995	20.076	-	-	7	-
28/07/1995	10.232	-	-	-	-
31/07/1995	11.549	-	-	-	-
07/08/1995	-	7.5	644	5	55
18/08/1995	-	7.7	862	7	-
18/08/1995	9.904	-	-	7	-
30/08/1995	9.494	-	-	-	-
12/09/1995	-	7.5	1750	9	-
12/09/1995	12.593	-	-	9	-
15/09/1995	-	7.3	589	6	45
09/10/1995	-	7.3	275	5	77
19/10/1995	-	7.4	365	70	-
19/10/1995	137.927	-	-	70	-
06/11/1995	-	7.6	340	6	-
17/11/1995	-	7.4	256	54	-
17/11/1995	156.983	-	-	54	-
06/12/1995	-	7.5	394	4	88
12/12/1995	-	7.8	444	5	-
12/12/1995	114.973	-	-	5	-
09/01/1996	131.027	7.1	363	72	-
10/01/1996	-	7.2	341	17	93
06/02/1996	-	7.5	1559	230	-
04/03/1996	25.036	7.4	366	59	-
05/03/1996	-	7.8	379	2	94
11/04/1996	-	7.8	608	5	68
23/04/1996	58.355	7.5	323	62	-
07/05/1996	-	7.7	363	6	73
21/05/1996	13.937	7.5	978	-	-
10/06/1996	-	7.5	378	4	62
08/07/1996	-	7.4	326	5	68
25/07/1996	14.446	-	-	10	-

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
08/08/1996	-	7.8	539	3	56
19/08/1996	10.859	-	-	5	-
04/09/1996	-	7.6	608	2	57
09/10/1996	-	7.5	422	2	53
15/10/1996	17.5	7.1	291	15	-
06/11/1996	-	7.3	212	125	81
21/11/1996	26.891	7.5	565	8	-
05/12/1996	-	7.4	362	10	81
09/01/1997	0	7.6	600	5	83
16/01/1997	0	7.7	402	8	-
16/01/1997	24.902	-	-	8	-
13/02/1997	0	7.4	237	-	-
13/02/1997	151.688	-	-	-	-
14/03/1997	0	7.5	397	4	-
22/04/1997	0	7.7	462	-	-
22/04/1997	13.12	-	-	-	-
08/05/1997	0	7.6	277	6	79
30/05/1997	14.274	-	-	2	-
09/06/1997	0	7.6	586	3	63
27/06/1997	0	7.7	889	3	-
27/06/1997	21.423	-	-	3	-
01/07/1997	0	7.9	390	2	60
22/07/1997	14.631	-	-	5	-
22/07/1997	0	8.1	688	5	-
06/08/1997	0	7.8	524	3	54
15/08/1997	0	8	349	17	56
15/08/1997	0	8	349	17	56
19/08/1997	0	-	-	-	-
19/08/1997	15.24	-	-	-	-
02/09/1997	0	7.6	831	4	54
16/09/1997	0	7.6	281	13	-
08/10/1997	0	8	499	4	-
14/10/1997	0	7.6	328	-	-
14/10/1997	0	7.6	328	-	-
14/10/1997	0	7.6	328	-	-
14/10/1997	0	7.6	328	-	-
14/10/1997	0	7.6	328	-	-
14/10/1997	38.921	-	-	5	-
12/11/1997	0	7.8	304	5	80
13/11/1997	0	7.5	294	-	-
13/11/1997	48.568	-	-	3	-
03/12/1997	0	7.6	320	11	80
16/01/1998	-	-	-	-	-
28/01/1998	-	7	353	8	85
04/02/1998	-	8	404	4	81
18/02/1998	-	8	275	-	-
02/03/1998	-	8	402	23	92
18/03/1998	-	8	353	4	86
14/04/1998	-	7	341	5	88
16/04/1998	-	7	374	-	-
01/05/1998	-	7	288	-	81
08/05/1998	-	7	315	15	78
12/05/1998	-	7	350	4	-
02/06/1998	-	7	377	2	-

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
07/07/1998	-	7	114	4	-
03/08/1998	-	7	275	7	73
06/08/1998	-	7	217	4	-
01/09/1998	-	8	344	-	-
04/09/1998	-	7	309	8	77
01/10/1998	-	7	399	3	-
05/10/1998	-	7	433	4	64
02/11/1998	-	7	271	4	85
03/11/1998	-	7	210	51	-
01/12/1998	-	7	278	6	69
02/12/1998	-	7	286	-	-
06/01/1999	-	-	-	-	-
13/01/1999	-	-	-	-	-
01/02/1999	-	-	-	-	-
16/02/1999	-	6.74	-	-	-
01/03/1999	-	-	-	60	-
18/03/1999	-	-	-	-	-
01/04/1999	-	-	-	-	-
14/04/1999	-	7.74	265	10	-
03/05/1999	-	-	-	-	-
11/05/1999	-	7.7	396	-	-
02/06/1999	-	-	-	-	-
16/06/1999	-	-	-	-	-
05/07/1999	-	-	-	-	-
15/07/1999	-	6.75	-	-	-
02/08/1999	-	-	-	-	-
17/08/1999	-	-	-	-	-
02/09/1999	-	8.13	-	-	-
23/09/1999	-	-	-	-	-
01/10/1999	-	-	-	-	-
13/10/1999	-	-	-	-	-
01/11/1999	-	7.96	-	-	-
24/11/1999	-	8.03	-	-	-
01/12/1999	-	-	-	-	-
20/12/1999	-	-	-	-	-
05/01/2000	177.5	7.8	285	-	98
19/01/2000	40.75	7.7	368	5	-
01/02/2000	374.8	7.6	164	-	101
16/02/2000	119.5	7.5	266	15	-
01/03/2000	80.7	7.7	276	9	98
14/03/2000	56.7	7.5	305	5	-
03/04/2000	28.63	7.7	451	-	83
01/05/2000	32.63	-	-	5	-
03/05/2000	27.87	7.6	332	7	84
13/06/2000	35.81	7.8	341	2	84
20/06/2000	15.68	7.7	604	4	-
05/07/2000	14.35	7.8	726	5	85
27/07/2000	19.18	-	-	4	-
02/08/2000	46.99	7.7	459	4	44.5
10/08/2000	35.23	7.4	426	13	-
04/09/2000	25.26	7.7	465	7	71
27/09/2000	142.6	6.4	135	42	106
03/10/2000	50.67	7.6	269	5	89
12/10/2000	88.48	7.1	-	7	-

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
01/11/2000	145	7.5	244	51	86
10/11/2000	81.33	7.5	241	12	-
04/12/2000	153.4	7.6	203	12	93
15/12/2000	81.89	-	-	8	-
08/01/2001	79.40495	7.48	222	10	93
15/01/2001	30.14793	7.22	348	6	-
02/02/2001	45.84141	7.38	477	10	87
07/02/2001	225.7	6.72	175	76	100
23/02/2001	27.21757	7.39	405	5	-
06/03/2001	34.05294	7.56	568	6	87
08/03/2001	109.7244	7.4	362	21	-
02/04/2001	34.78339	7.45	344	6	92
18/04/2001	30.74627	-	-	6	-
01/05/2001	28.29175	7.17	-	6	-
03/05/2001	24.43895	7.65	385	8	86.5
13/06/2001	16.03709	7.52	425	3	58
20/06/2001	30.35354	7.18	512	7	-
04/07/2001	101.785	7.04	275	399	69.5
27/07/2001	20.63833	7.65	-	3	-
03/08/2001	18.58716	7.59	414	6	66
10/08/2001	17.92125	7.62	459	4	-
04/09/2001	19.5566	8.01	315	4	86
27/09/2001	17.94628	7.79	547	5	-
03/10/2001	94.04095	7.67	212	11	83
12/10/2001	52.1768	-	-	3	89
02/11/2001	36.61444	7.75	289	3	92
12/11/2001	76.91998	7.64	344	3	-
04/12/2001	129.0452	7.71	295	10	90
20/12/2001	27.90093	7.81	373	8	-
07/01/2002	-	7.84	615	3	112
15/01/2002	-	7.67	422	8	-
05/02/2002	-	7.56	253	26	95
25/02/2002	-	7.59	371	9	-
06/03/2002	-	7.56	199	170	96
08/03/2002	-	7.45	208	14	-
03/04/2002	-	7.81	397	4.6	83
18/04/2002	-	7.34	585	4.9	-
02/05/2002	-	6.77	249	22.9	91
17/05/2002	-	7.73	537	7	-
07/06/2002	-	7.2	322	5	79
17/06/2002	-	7.33	215	18	-
02/07/2002	-	7.82	277	8	83
23/07/2002	-	7.69	395	6.7	-
02/08/2002	-	7.38	227	16	86
12/08/2002	-	7.77	300	7.6	84
04/09/2002	-	7.79	288	4.4	78
12/09/2002	-	7.69	257	8.6	84
03/10/2002	-	7.66	530	4	71
11/10/2002	-	7.68	1247	4.7	-
04/11/2002	-	7.63	176	12.1	93
26/11/2002	-	7.43	394	6	87
04/12/2002	-	7.5	200	5	90
10/12/2002	-	8.02	274	2	90
07/01/2003	21.316	7.5	292	4	86

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
13/01/2003	139.292	7.45	414	45	94.3
05/02/2003	39.544	7.59	431	6	96
25/02/2003	21.986	7.62	373	4	90.1
06/03/2003	34.468	7.67	364	6	86
10/03/2003	55.225	7.59	219	15	95.5
03/04/2003	17.3	7.86	507	10	89.2
25/04/2003	18.579	7.62	527	5	76.2
02/05/2003	44.216	7.5	352	11	68.1
19/05/2003	51.538	7.48	232	8	75.2
06/06/2003	19.544	8.01	565	8	69.5
17/06/2003	15.948	7.36	613	5	67.7
02/07/2003	16.294	7.95	707	6	52.8
15/07/2003	12.188	8.24	805	6	66
04/08/2003	17.23	7.69	492	6	62.1
13/08/2003	13.378	7.58	750	6	62.7
04/09/2003	11.771	7.88	1651	7	56.8
25/09/2003	19.024	7.58	337	6	77.9
03/10/2003	13.46	7.7	1259	11	57.6
13/10/2003	17.971	7.51	282	4	76.2
10/11/2003	9.534	7.75	540	2	71.8
26/11/2003	76.684	7.53	383	10	80.4
04/12/2003	37.262	7.67	254	2	88.2
11/12/2003	35.906	7.6	360	7	86

White Cart River  
 Baseline Water Quality Data (Jan 1974 – Dec 2003)  
 Extracted from SEPA Water Quality Classification

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
03/07/1975	1.047	7.4	-	18	62
05/08/1975	1.104	7.2	-	3	33
03/09/1975	1.354	7.2	-	8	36
01/10/1975	11.02	7.3	-	13	79
29/10/1975	2.036	7.3	-	8	61
28/11/1975	18.37	7.3	-	23	86
29/12/1975	2.593	7.2	-	15	65
27/01/1976	3.422	7.4	-	22	82
25/02/1976	5.243	7.5	270	16	82
29/03/1976	19.62	7.4	203	49	87
29/04/1976	1.581	7.5	424	22	69
28/05/1976	2.711	7.1	374	17	55
30/06/1976	1.462	7	-	6	53
30/07/1976	2.099	7.4	405	5	61
27/08/1976	0.872	7.6	430	10	69
01/10/1976	2.85	7.3	370	18	61
25/10/1976	7.372	7.5	248	6	80
04/11/1976	7.326	7.5	275	14	77
06/12/1976	11.01	7.6	449	20	76
07/01/1977	5.228	7.4	290	7	80
08/02/1977	9.032	7.3	242	12	85
09/03/1977	7.839	7.4	280	9	79
12/04/1977	2.55	7.6	280	15	77
10/05/1977	4.35	7.7	240	4	85
08/06/1977	1.587	7.4	320	9	80
05/07/1977	0.907	7.5	440	3	62
04/08/1977	12.11	7.1	270	24	45.5
06/09/1977	13.86	7.1	240	47	79
10/10/1977	9.408	7.3	185	10	87
09/11/1977	26.57	7.1	185	7	90
07/12/1977	1.986	7.6	410	9	78
11/01/1978	8.631	7.5	385	7	84
15/02/1978	1.987	7.6	455	7	82
22/03/1978	21.49	7.7	260	23	84
24/04/1978	1.334	7.8	-	7	114.5
22/05/1978	0.84	7.3	422	17	82
21/06/1978	2.962	7.6	157	6	-
08/08/1978	2.098	8	370	3	97
08/09/1978	4.504	7.4	349	4	76.5
03/10/1978	4.831	7.3	275	13	81
08/11/1978	4.501	7.4	310	10	69
09/01/1979	12.46	7.2	370	15	87
05/02/1979	2.354	7.3	388	13	87
08/03/1979	25.57	7.3	345	12	86
04/04/1979	3.339	7.5	436	11	82
30/05/1979	2.687	7.4	373	7	78
20/06/1979	1.259	7.5	440	10	81
30/07/1979	2.33	7.4	370	3	76
30/08/1979	1.885	7.7	390	4	84
27/09/1979	5.036	7.7	268	4	84

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
31/10/1979	20.6	7.4	210	20	87
22/11/1979	11.23	7.5	330	7	85
28/12/1979	11.94	7.4	265	5	88
14/01/1980	4.452	7.5	-	7	83
12/02/1980	35.15	7.4	298	43	84
12/03/1980	5.637	7.8	259	25	82
17/04/1980	1.166	7.5	420	4	96
16/05/1980	0.946	-	550	53	128
02/06/1980	0.928	7.5	460	5	67
08/07/1980	1.167	8	315	3	93
06/08/1980	5.254	7.3	275	8	80
11/09/1980	28.23	7.2	190	17	86
17/10/1980	31.1	7.4	325	4	92
17/11/1980	25.73	7.2	150	69	87
16/12/1980	12.96	7.1	260	7	90
20/01/1981	13.3	7.4	420	7	94
12/02/1981	6.781	7.3	320	8	89
13/03/1981	7.174	7.6	310	13	92
01/04/1981	4.024	7.5	320	9	88
05/05/1981	1.439	7.9	265	13	105
01/06/1981	3.959	7.4	-	12	83
02/07/1981	1.463	7.7	-	11	91
07/08/1981	1.015	7.6	-	10	104
16/09/1981	4.399	7.5	-	1	81
27/10/1981	10.06	7.7	-	19	84
25/11/1981	10.75	7.6	-	11	87
14/12/1981	2.93	7.5	-	24	83
06/01/1982	8.404	7.4	-	7	88
09/02/1982	21.97	7.4	245	41	88
08/03/1982	15.36	7.5	300	25	94
02/04/1982	1.849	7.4	410	2	79
06/05/1982	12.47	7.4	230	40	90
09/06/1982	0.935	7.6	445	6	50
13/07/1982	1.01	8.5	420	2	81
19/08/1982	15.05	7.3	255	11	72
13/09/1982	4.399	7.6	280	3	82
22/10/1982	10.88	7.6	250	5	91
23/11/1982	36.88	7.6	245	20	87
09/12/1982	11.19	7.4	270	18	85
06/01/1983	28.37	7.4	200	38	87
02/02/1983	7.948	7.4	305	22	88
02/03/1983	4.925	7.4	350	26	85
11/04/1983	2.014	7.8	350	6	98
17/05/1983	3.199	7.7	320	16	89
14/06/1983	2.73	7.8	330	6	92
07/07/1983	1.071	7.4	-	2	-
08/08/1983	0.933	7.4	360	3	84
11/10/1983	22.25	7.4	210	16	88
18/11/1983	1.295	7.4	365	6	78
15/12/1983	9.72	7.5	250	9	88
12/01/1984	63.81	7.3	300	22	94
10/02/1984	12.81	7.4	310	13	91
09/03/1984	2.242	7.6	370	4	83
09/04/1984	1.439	7.5	382	4	80

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
15/05/1984	0.953	7.4	443	7	63
13/06/1984	1.041	7.5	467	8	79
10/07/1984	0.805	7.7	491	3	81
10/08/1984	0.783	7.5	416	4	65
05/09/1984	1.005	7.2	369	3	62
11/10/1984	10.16	7.3	309	27	75
06/11/1984	7.293	7.4	315	7	79
03/12/1984	8.61	7.4	284	3	88
28/01/1985	7.609	7.4	821	10	87
26/02/1985	3.824	7.4	359	7	88
28/03/1985	1.452	7.6	405	5	100
26/04/1985	1.238	7.4	417	8	87
29/05/1985	1.161	7.5	405	3	75
27/06/1985	1.88	7.3	370	3	77
30/07/1985	6.603	7.4	280	5	90
03/09/1985	18.49	7.5	-	66	87
25/09/1985	13.56	7.4	252	8	94
25/10/1985	1.762	7.4	362	11	83
19/11/1985	4.125	7.6	277	4	87
13/12/1985	15.14	7.2	209	22	90
15/01/1986	12.203	7.5	287	8	91
10/02/1986	2.342	7.6	449	5	89
11/03/1986	4.961	7.5	324	5	93
17/04/1986	3.532	7.5	393	20	86
16/05/1986	5.187	7.6	314	8	92
18/06/1986	2.998	7.7	338	7	91
14/07/1986	1.08	8.1	377	1	105
12/08/1986	1.499	7.8	354	2	89
11/09/1986	1.126	7.7	333	5	84
06/10/1986	1.139	7.6	333	8	83
05/11/1986	37.701	7.2	125	161	94
09/12/1986	15.001	7.4	211	11	89
22/01/1987	14.216	7.5	288	10	87
27/02/1987	12.208	7.2	287	61	88
25/03/1987	11.193	7.4	367	69	84
23/04/1987	2.684	7.7	281	3	91
18/05/1987	2.247	7.7	318	23	97
26/06/1987	1.131	7.7	369	3	88
28/07/1987	1.009	7.7	360	2	84
31/08/1987	1.829	7.8	348	2	85
29/09/1987	2.167	7.8	296	6	89
21/10/1987	25.582	7.6	237	10	89
26/11/1987	2.884	7.8	319	5	89
18/12/1987	6.895	7.4	272	20	88
14/01/1988	16.834	7.6	254	5	92
12/02/1988	8.2	7.4	313	7	91
15/03/1988	42.297	7.6	337	12	92
18/04/1988	41.332	7.3	228	95	84
20/05/1988	1.146	8	386	7	88
16/06/1988	0.891	7.6	400	7	71
13/07/1988	2.125	7.5	270	4	81
13/09/1988	6.002	7.4	223	5	82
13/10/1988	5.866	7.5	260	2	84
14/11/1988	4.919	7.6	260	2	91

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
13/12/1988	3.544	7.6	280	7	93
30/01/1989	5.976	7.5	250	6	91
28/02/1989	7.176	7.5	360	22	91
29/03/1989	17.859	7.7	255	4	92
03/05/1989	1.658	8.8	282	2	140
30/05/1989	0.882	8.3	342	3	125
27/06/1989	2.007	7.5	-	6	77
13/07/1989	0.552	8.2	-	6	106
07/08/1989	0.7	8.1	-	5	106
08/09/1989	1.36	7.5	-	3	95
03/10/1989	1.192	7	-	4	85
02/11/1989	11.002	7.4	-	8	86
01/12/1989	1.273	7.5	-	4	91
23/01/1990	23.513	-	-	-	-
19/02/1990	17.09	-	-	18	-
19/02/1990	17.09	7.4	256	37	93
12/03/1990	13.775	-	-	6	-
03/04/1990	4.351	-	-	6	-
02/05/1990	1.662	-	-	2	-
07/06/1990	6.108	-	-	-	-
30/07/1990	0.834	-	-	4	-
17/08/1990	2.54	7.2	198	11	85
30/08/1990	4.206	-	-	16	-
12/09/1990	1.099	-	-	8	-
18/09/1990	15.305	7.7	336	6	80
04/10/1990	12.012	7.5	200	10	86
10/10/1990	1.086	-	-	-	-
08/11/1990	7.801	-	-	-	-
14/11/1990	5.303	7.4	259	6	83
05/12/1990	10.047	-	-	-	-
07/12/1990	8.611	7.7	396	32	83
22/01/1991	6.452	7.6	290	6	92
22/01/1991	6.452	-	-	6	-
19/02/1991	3.687	7.7	346	3	93
20/02/1991	6.174	-	-	3	-
22/02/1991	35.14	-	-	-	-
05/03/1991	7.24	7.7	392	17	90
15/03/1991	5.734	-	-	5	-
04/04/1991	7.762	7.8	259	7	86
11/04/1991	25.139	-	-	14	-
14/05/1991	1.012	8	378	3	98
20/05/1991	0.933	-	-	5	-
18/06/1991	1.113	7.7	311	4	84
26/06/1991	1.582	-	-	-	-
17/07/1991	3.58	-	-	29	-
18/07/1991	3.269	7.8	288	8	87
29/07/1991	0.915	-	-	-	-
15/08/1991	0.866	-	-	4	-
16/08/1991	0.886	7.5	333	5	90
12/09/1991	0.457	-	-	4	-
17/09/1991	0.952	7.7	327	6	97
04/10/1991	16.994	7.3	249	5	88
15/10/1991	2.295	-	-	5	-
13/11/1991	7.735	-	-	146	-

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
14/11/1991	17.76	7.3	261	11	96
06/12/1991	2.376	7.4	321	3	93
11/12/1991	1.659	-	-	3	-
21/01/1992	2.631	7.3	382	6	93
24/01/1992	2.204	-	-	2	-
19/02/1992	5.308	7.3	290	3	96
20/02/1992	5.727	-	-	-	-
04/03/1992	8.226	7.4	237	6	91
19/03/1992	10.899	-	-	-	-
01/04/1992	13.384	7.2	184	45	90
03/04/1992	4.565	-	-	-	-
23/04/1992	2.969	-	-	4	-
08/05/1992	9.671	-	-	-	-
18/05/1992	1.992	8.4	272	3	131
16/06/1992	0.651	7.8	285	4	99
17/06/1992	0.61	-	-	-	-
26/06/1992	0.522	-	-	6	-
10/07/1992	0.484	-	-	-	-
15/07/1992	0.546	7.2	262	5	103
24/07/1992	1.723	-	-	4	-
10/08/1992	5.096	-	-	-	-
17/08/1992	6.775	7.5	172	9	85
20/08/1992	2.459	-	-	4	-
15/09/1992	19.1	7.6	142	21	87
16/09/1992	7.881	-	-	8	-
29/09/1992	4.771	-	-	-	-
06/10/1992	3.575	7.7	210	4	94
30/10/1992	4.991	-	-	-	-
12/11/1992	12.871	7.4	140	7	87
19/11/1992	3.061	-	-	-	-
27/11/1992	2.944	-	-	-	-
02/12/1992	29.346	7.3	82	72	83
17/12/1992	6.738	-	-	5	-
15/01/1993	43.903	-	-	96	-
19/01/1993	40.692	7.4	181	14	93
28/01/1993	8.416	-	-	-	-
11/02/1993	2.851	-	-	4	-
17/02/1993	2.404	7.3	239	7	97
25/02/1993	5.777	-	-	-	-
03/03/1993	2.073	7.6	233	5	88
10/03/1993	1.475	-	-	1	-
01/04/1993	6.233	7.7	202	13	91
29/04/1993	9	-	-	-	-
19/05/1993	6.804	7.4	217	25	90
09/06/1993	2.021	-	-	6	-
22/06/1993	1.208	7.8	210	7	96
23/06/1993	1.067	-	-	-	-
26/07/1993	0.945	6.9	268	9	104
16/08/1993	1.383	7.5	199	3	98
20/09/1993	6.496	7.5	188	37	88
30/09/1993	1.072	-	-	-	-
11/10/1993	4.812	7.7	229	5	87
15/11/1993	6.601	7.7	321	3	88
06/12/1993	17.074	7.5	195	7	88

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
19/01/1994	9.846	7.4	214	11	90
17/02/1994	2.363	7.6	351	3	89
07/03/1994	25.178	7.3	149	16	95
11/04/1994	6.063	7.4	223	2	96
21/04/1994	2.098	-	-	7	-
16/05/1994	1.263	8.3	293	3	107
02/06/1994	0.884	-	-	-	-
22/06/1994	2.299	7.7	291	6	88
26/07/1994	0	7.8	306	6	86
28/07/1994	0.786	-	-	-	-
15/08/1994	0	8.1	347	4	103
25/08/1994	2.419	-	-	-	-
21/09/1994	0	8.1	236	5	100
10/10/1994	0	7.7	167	4	91
13/10/1994	22.173	-	-	-	-
16/11/1994	0	7.6	212	11	89
02/12/1994	0	7.5	250	6	88
10/01/1995	17.441	-	-	16	-
19/01/1995	0	7.5	305	5	88
03/02/1995	34.439	-	-	71	-
23/02/1995	0	7.3	230	14	92
07/03/1995	8.21	-	-	8	-
27/03/1995	0	7.3	235	8	97
07/04/1995	0	7.6	202	5	99
18/04/1995	2.306	-	-	4	-
16/05/1995	1.429	-	-	5	-
17/05/1995	0	8.2	233	4	115
13/06/1995	1.023	-	-	3	-
22/06/1995	0	8	283	5	105
21/07/1995	2.251	-	-	83	-
27/07/1995	-	7.5	350	7	84
31/07/1995	0.563	-	-	-	-
14/08/1995	-	7.7	489	4	80
18/08/1995	0.155	-	-	9	-
30/08/1995	0.409	-	-	-	-
12/09/1995	1.058	-	-	42	-
20/09/1995	-	7.7	563	3	96
05/10/1995	-	7.2	243	115	84
19/10/1995	15.506	-	-	10	-
14/11/1995	-	7.5	419	3	94
17/11/1995	17.458	-	-	2	-
07/12/1995	-	7.6	389	4	89
12/12/1995	13.67	-	-	2	-
22/01/1996	-	8	353	4	92
06/02/1996	1.365	-	-	26	-
19/02/1996	-	7.7	303	7	87
19/03/1996	-	7.7	321	5	89
04/04/1996	-	7.9	425	7	102
23/04/1996	6.386	-	-	20	-
15/05/1996	-	7.9	348	5	96
21/05/1996	1.275	-	-	10	-
24/06/1996	-	8.1	422	4	107
29/07/1996	-	7.7	401	5	78
22/08/1996	-	7.9	412	3	82

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
24/09/1996	-	7.7	400	2.8	82
04/10/1996	-	7.5	282	16	72
15/10/1996	1.593	-	-	48	-
13/11/1996	-	7.5	317	4	91
21/11/1996	2.144	-	-	4	-
18/12/1996	-	7.2	363	37	76
28/01/1997	0	7.3	239	2	90
21/02/1997	0	7.6	252	15	90
25/03/1997	0	7.4	232	5	86
03/04/1997	0	7.8	321	6	87
22/04/1997	0.709	-	-	-	-
20/05/1997	0	7.8	304	4	83
30/05/1997	0.974	-	-	2	-
18/06/1997	0	7.9	400	2	77
27/06/1997	0.752	-	-	3	-
23/07/1997	0	7.9	425	2	70
25/08/1997	0	7.9	423	3	88
16/09/1997	43.925	-	-	203	-
22/09/1997	0	7.6	313	2	80
06/10/1997	0	8	253	6	83
14/10/1997	3.275	-	-	3	-
07/11/1997	0	7.7	277	4	84
05/12/1997	0	7.7	366	5	96
16/01/1998	-	-	-	-	-
29/01/1998	-	7	329	6	99
17/02/1998	-	8	259	6	87
18/02/1998	-	-	-	5	-
18/03/1998	-	-	-	6	-
23/03/1998	-	8	320	4	96
09/04/1998	-	7	196	20	91
16/04/1998	-	-	-	5	-
12/05/1998	-	-	-	2	-
14/05/1998	-	7	340	4	99
02/06/1998	-	-	-	3	-
07/07/1998	-	-	-	2	-
06/08/1998	-	-	-	5	-
20/08/1998	-	7	255	12	98
01/09/1998	-	-	-	3	-
20/09/1998	-	7	272	5	94
01/10/1998	-	-	-	3	-
25/10/1998	-	7	185	8	90
03/11/1998	-	-	-	19	-
12/11/1998	-	7	169	24	84
23/11/1998	-	7	234	8	79
02/12/1998	-	-	-	4	-
11/01/1999	-	-	-	5	88
13/01/1999	-	-	-	-	-
16/02/1999	-	-	-	-	-
21/02/1999	-	6.92	-	72	-
14/03/1999	-	7.99	364	4	93
18/03/1999	-	-	-	-	-
14/04/1999	-	-	-	-	-
21/04/1999	-	7.5	290	21	87
11/05/1999	-	-	-	-	-

Date	Av. Flow (cumecs)	pH (units)	Conductivity (us/cm)	S.S. (mg/l)	% D.O.
24/05/1999	-	-	-	65	-
16/06/1999	-	-	-	-	-
21/06/1999	-	7.79	237	6	96
15/07/1999	-	-	-	-	-
21/07/1999	-	-	-	-	-
03/08/1999	-	8.13	-	-	111
17/08/1999	-	-	-	-	-
26/08/1999	-	7.82	384	6	89
20/09/1999	-	7.69	269	-	87
23/09/1999	-	-	-	-	-
13/10/1999	-	-	-	-	-
20/10/1999	-	7.97	317	4	103
23/11/1999	-	-	-	-	118
24/11/1999	-	-	-	-	-
15/12/1999	-	7.91	336	-	97
20/12/1999	-	-	-	-	-
19/01/2000	3.604	-	-	2	-
20/01/2000	3.433	7.8	347	6	96
15/02/2000	13.11	6.7	298	11	93
16/02/2000	12.45	-	-	15	-
14/03/2000	6.002	-	-	6	-
29/03/2000	1.922	7.8	298	6	99
05/04/2000	1.805	7.8	312	3	104
01/05/2000	2.6	7.7	-	3	-
24/05/2000	1.264	7.8	335	6	105
20/06/2000	0.829	7.5	-	4	-
21/06/2000	1.982	7.7	343	5	78
19/07/2000	0.464	7.9	334	2	118
27/07/2000	0.441	7.5	-	3	-
10/08/2000	2.359	-	-	12	-
28/08/2000	1.438	7.6	239	6	84
18/09/2000	11.05	7.4	185	58	91
27/09/2000	23.82	6.5	-	20	-
12/10/2000	5.322	7.5	-	4	-
20/10/2000	4.541	7.6	255	4	86
10/11/2000	7.017	-	-	4	-
22/11/2000	6.082	7.6	403	6	87
14/12/2000	11.11	7.5	236	8	93
15/01/2001	2.467641	7.16	-	3	-
22/01/2001	2.313734	7.41	489	3	89
15/02/2001	4.411672	7.47	336	7	97
23/02/2001	2.205187	7.26	-	2	-
08/03/2001	4.702334	7.18	-	8	-
29/03/2001	1.857451	7.47	526	4	91
05/04/2001	2.324119	7.78	383	3	92
18/04/2001	1.644695	-	-	3	-
01/05/2001	2.529929	-	-	5	-
23/05/2001	0.856944	7.71	400	2	104
20/06/2001	4.569249	-	-	12	-
21/06/2001	1.619989	6.86	230	6	84
20/07/2001	1.665789	7.96	367	3	89
27/07/2001	1.113611	-	-	3	-
10/08/2001	1.050714	-	-	3	-
27/08/2001	1.25852	7.99	347	3	97

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
18/09/2001	1.267606	7.94	272	4	97
27/09/2001	0.984462	-	-	2	-
12/10/2001	8.330862	-	-	4	-
22/10/2001	13.88474	7.38	176	24	93
12/11/2001	8.48529	-	-	5	-
22/11/2001	5.713459	7.6	199	16	90
17/12/2001	2.281175	7.97	342	3	96.5
20/12/2001	1.866698	-	-	4	-
15/01/2002	-	-	-	32	-
22/01/2002	-	7.68	267	11	90
15/02/2002	-	7.75	297	7	97
25/02/2002	-	-	-	8	-
08/03/2002	-	7.5	251	8	-
20/03/2002	-	7.64	347	5	90
05/04/2002	-	7.47	361	2.9	86
18/04/2002	-	-	-	2	-
17/05/2002	-	-	-	2	-
21/05/2002	-	7.62	328	6	76
17/06/2002	-	7.42	191	19	-
21/06/2002	-	7.59	290	6	92
19/07/2002	-	8.07	332	5	96
23/07/2002	-	7.83	300	5.9	-
12/08/2002	-	-	-	15.7	-
27/08/2002	-	8.1	317	2.1	97
12/09/2002	-	-	-	7.2	-
18/09/2002	-	7.89	316	3.3	97
11/10/2002	-	-	-	2	-
22/10/2002	-	7.56	138	78.1	111
22/11/2002	-	7.79	307	23	88
26/11/2002	-	-	-	4	-
10/12/2002	-	8.05	258	2	-
17/12/2002	-	7.67	309	5	91.4
13/01/2003	26.521	-	-	27	-
22/01/2003	6.912	7.46	242	5	94
17/02/2003	2.423	7.72	318	4	95
25/02/2003	1.631	-	-	2	-
10/03/2003	8.419	-	-	17	-
27/03/2003	1.399	7.78	366	2	92.9
07/04/2003	1.303	7.76	380	3	94.9
25/04/2003	2.078	-	-	2	-
19/05/2003	8.141	-	-	63	-
26/05/2003	3.473	7.94	265	4	89.2
17/06/2003	1.419	-	-	4	-
23/06/2003	1.233	7.63	330	2	87.3
15/07/2003	1.099	-	-	3	-
21/07/2003	2.834	8.13	396	2	88.8
13/08/2003	0.79	-	-	3	-
28/08/2003	0.786	7.96	353	2	82.4
25/09/2003	1.711	-	-	4	89.2
06/10/2003	2.278	7.96	332	2	88.7
13/10/2003	1.668	-	-	2	92.2
22/10/2003	1.038	7.92	350	2	89.2
24/11/2003	4.001	7.83	304	4	91.6
26/11/2003	23.624	-	-	96	-

<b>Date</b>	<b>Av. Flow (cumecs)</b>	<b>pH (units)</b>	<b>Conductivity (us/cm)</b>	<b>S.S. (mg/l)</b>	<b>% D.O.</b>
11/12/2003	7.032	-	-	17	86.8
17/12/2003	3.916	7.83	327	2	89.8