

APPENDIX A

Water quality data for WY 1996-97 at:

- 1) Puget Sound stations**
- 2) Grays Harbor and Willapa Bay stations**

Data remark codes used during Wateryears 1996-97:

Remark Code	Definition
J	Estimated value; compound was positively identified, but numerical result is an estimate.
U or K	Compound was analyzed for but not detected at or above the report value. The number reported is reporting limit.
S	High background of non-coliform growth: motile, spreading colony which may overlap and mask <i>E. coli</i> colonies.
X	High background of non-coliform growth: non-motile, discrete colonies that may overlap and mask <i>E. coli</i> colonies.

PUGET SOUND STATIONS

ADM001

Lat

48.030

Long (decimal):

-122.617

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1125	1.5	12.0	29.72	22.49	7.8	1	6.6	74.1	11.5	87.2	4.50	1.20	0.305	0.010 U	0.062
10/18/95	1130	10.0	11.9	30.08	22.79	7.8		6.4	72.5		87.0	1.60	0.47	0.307	0.547	0.064
10/18/95	1140	30.0	11.8	30.22	22.92	7.7		6.3	71.0		87.8			0.348	0.010 U	0.066
11/14/95	1150	0.5	10.7	29.02	22.16	7.7	1 U	7.1	76.9	7.6	84.7	0.85	0.57	0.299	0.010 U	0.048
11/14/95	1155	10.0	10.4	29.69	22.75	7.6		6.8	73.6		85.8					
11/14/95	1205	30.0	10.2	29.91	22.95	7.6		6.6	71.8		86.2					
12/20/95	1110	0.5	9.2	27.92	21.55	7.5	1 U	7.3	76.6	7.5	84.2	0.22	0.27	0.361	0.010 U	0.062
12/20/95	1115	10.0	9.2	27.91	21.54	7.5		7.4	77.8		84.2	0.22	0.31	0.342	0.010 U	0.058
12/20/95	1125	30.0	9.2	28.20	21.78	7.5		7.4	77.0		83.6			0.370	0.010 U	0.066
2/21/96	1120	0.5	8.3	28.37	22.02		1	7.7	78.7	6.9	80.8	0.36	0.29	0.326	0.010 U	0.049
2/21/96	1125	10.0	8.3	28.51	22.14			7.6	78.5		79.6	0.32	0.33	0.212	0.010 U	0.029
2/21/96	1135	30.0	8.3	28.60	22.22			7.7	78.9		78.3			0.237	0.010 U	0.034
3/25/96	1115	0.5	8.6	27.94	21.66	8.0	1 U	8.9	91.3	10.0	83.5	2.90	1.00	0.267	0.011	0.043
3/25/96	1120	10.0	8.6	27.99	21.69	8.0		8.8	91.0		86.4	2.70	0.86	0.282	0.012	0.046
3/25/96	1125	30.0	8.5	28.40	22.02	7.9		8.5	88.1		88.4			0.194	0.010 U	0.029
5/8/96	1040	0.5	9.6	28.59	22.01	7.7	1 U	7.4	78.8	10.2	90.1	8.30	0.51	0.212	0.016	0.043
5/8/96	1050	10.0	9.6	28.63	22.04	7.7		7.4	78.2		91.3	3.20	0.48	0.179	0.013	0.034
5/8/96	1105	30.0	9.6	28.69	22.10	7.7		7.4	78.0		91.4			0.190	0.015	0.036
6/3/96	1130	0.5	13.3	24.04	17.87	8.1	1 U	9.9	110.0	4.2	52.6	12.80	2.40	0.036	0.010 U	0.016
6/3/96	1135	10.0	11.0	27.59	21.01	7.8		8.4	91.4		72.3	3.00	2.80	0.173	0.020	0.039
6/3/96	1145	30.0	10.2	29.21	22.41	7.7		7.4	79.3		79.2			0.229	0.022	0.054
7/1/96	1115	0.5	12.6	28.14	21.16	8.0	1 U	7.9	89.0	7.5	76.0	4.30	1.10	0.105	0.010 U	0.022
7/1/96	1120	10.0	11.4	28.91	21.98	8.0		7.6	83.9		80.1	3.10	1.10	0.142	0.010 U	0.028
7/1/96	1125	30.0	11.1	29.16	22.21	7.9		7.3	80.7		81.5			0.154	0.010 U	0.033
8/5/96	1115	0.5	12.3	30.05	22.69	7.9	1 U	6.8	77.3	14.3	89.9	1.40	0.68	0.243	0.041	0.060
8/5/96	1120	10.0	11.6	30.12	22.88	7.9		6.8	76.4		87.9	2.00	0.94	0.265	0.045	0.063
8/5/96	1125	30.0	11.4	30.22	22.99	7.8		6.8	75.3		87.2			0.309	0.041	0.071
9/9/96	1250	0.5	13.2	29.85	22.36	7.7	1 U	6.5	74.6	12.1	79.2	1.50	0.40	0.290	0.010 U	0.060
9/9/96	1255	10.0	12.5	30.07	22.67	7.6		6.2	70.5		90.3	1.10	0.25	0.297	0.010 U	0.062
9/9/96	1305	30.0	12.5	30.12	22.72	7.6		6.2	70.4		90.2			0.277	0.010 U	0.055

ADM001

Lat

48.030

Long (decimal):

-122.617

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1140	0.5	11.0	30.71	23.43		1 U	5.7	62.7	9.4	59.5	1.20	0.71	0.272	0.010 U	0.045
10/1/96	1144	10.0	11.0	30.71	23.44			5.6	62.5		85.8	1.10	0.93	0.340	0.010 U	0.059
10/1/96	1150	30.0	10.8	30.86	23.59			5.5	60.3		85.7			0.336	0.010 U	0.062
11/4/96	1215	0.5	10.4	29.60	22.67	7.8	1 U	6.8	74.3	11.2	84.5	0.71	0.51	0.381	0.010 U	0.070
11/4/96	1220	10.0	10.4	29.69	22.75	7.8		6.8	73.7		84.7	0.69	0.41	0.371	0.010 U	0.065
11/4/96	1240	30.0	10.0	30.21	23.20	7.7		6.5	70.6		85.0			0.386	0.010 U	0.071
12/11/96	1040	0.5	8.7	30.05	23.30	7.6	1 U	7.2	75.9	6.8	84.7					
12/11/96	1045	10.0	8.7	30.06	23.30	7.6		7.3	76.1		81.4					
12/11/96	1102	30.0	8.6	30.10	23.34	7.6		7.3	76.4		84.3					
1/21/97	1200	0.5	7.9	28.63	22.29	7.6	1 U	7.9	80.7	7.5	84.3			0.443	0.010 U	0.076
1/21/97	1205	10.0	7.9	28.77	22.40	7.6		7.8	80.0		84.4			0.419	0.010 U	0.070
1/21/97	1225	30.0	7.9	28.84	22.46	7.6		7.8	80.1		84.9			0.420	0.010 U	0.078
2/20/97	1135	0.5	7.9	28.59	22.25	7.6	1 U	8.6	87.6	8.4	86.9	0.90	0.43	0.395	0.010 U	0.096
2/20/97	1140	10.0	7.9	28.66	22.31	7.6		8.5	86.8		86.5	0.88	0.50	0.403	0.010 U	0.093
2/20/97	1155	30.0	7.9	28.89	22.50	7.6		8.5	86.6		85.3			0.399	0.010 U	0.093
3/27/97	1145	0.5	8.3	26.98	20.94	7.7	1 U	8.4	85.3	6.3	81.5	1.10	0.37	0.346	0.010 U	0.079
3/27/97	1155	10.0	8.3	27.19	21.11	7.7		8.3	85.1		81.5	0.68	0.42	0.341	0.010 U	0.079
3/27/97	1155	16.0	8.2	27.70	21.52	7.7		8.2	83.4		79.9			0.340	0.010 U	0.082
4/14/97	1305	0.5	9.1	27.92	21.57	8.0	1 U	9.6	100.6	5.1	71.1	10.40	1.10	0.155	0.010 U	0.080
4/14/97	1310	10.0	8.8	28.09	21.75	7.9		9.9	103.1		77.3	8.40	0.07	0.161	0.010 U	0.085
4/14/97	1315	30.0	8.6	28.76	22.30	7.8		9.2	95.6		84.0			0.347	0.010 U	0.108
5/14/97	1130	0.5	13.1	24.82	18.52		1 U	11.7	130.2	3.5	56.6	7.70	0.53	0.057	0.034	0.060
5/14/97	1140	10.0	10.0	27.86	21.38			10.3	109.7		70.8			0.254	0.029	0.087
5/14/97	1155	30.0	9.6	28.87	22.24			8.7	92.3		82.5			0.290	0.029	0.094
6/10/97	1200	0.5					1 U			5.8		9.70	1.40	0.110	0.010 U	0.067
6/10/97	1205	10.0										12.60	1.10	0.204	0.010 U	0.078
6/10/97	1210	30.0												0.170	0.010 U	0.061
7/7/97	1215	0.5	13.6	24.87	18.45		1 U	10.0	112.6	5.2	58.7	10.80	1.20	0.078	0.010 U	0.074
7/7/97	1220	10.0	12.1	27.49	20.75			8.7	96.9		69.4	3.80	1.60	0.245	0.021	0.100
7/7/97	1230	30.0	10.9	29.26	22.33			6.8	74.9		79.0			0.273	0.025	0.101
8/11/97	1245	0.5	14.0	28.34	21.05		1 U	7.2	83.2	8.1	71.9	6.80	0.40	0.216	0.010 U	0.120
8/11/97	1250	10.0	12.5	29.16	21.96			6.3	71.4		82.8	3.10	0.66	0.219	0.015	0.094
8/11/97	1305	30.0	11.9	29.84	22.61			5.7	64.5		84.0			0.218	0.016	0.078
9/22/97	1210	0.5	12.6	29.15	21.95		1	5.5	62.6	11.0	82.9	1.90	0.44	0.251	0.011	0.065
9/22/97	1215	10.0	12.1	29.56	22.35			5.0	55.9		83.4	1.30	0.26	0.256	0.011	0.066
9/22/97	1230	30.0	11.8	29.92	22.68			4.9	55.3		83.8			0.275	0.013	0.067

ADM002

Lat

48.188

Long (decimal):

-122.842

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1040	1.0	10.8	30.98	23.68	7.7	1 U	6.3	69.4	12.5	89.6	0.94	0.44	0.368	0.022	0.072
10/18/95	1045	10.0	10.5	31.29	23.98	7.7		5.8	64.2		90.1	1.90	0.35	0.322	0.010 U	0.061
10/18/95	1050	30.0	9.8	31.89	24.57	7.6		5.2	56.6		92.4			0.398	0.010	0.070
12/20/95	1025	0.5	8.9	29.15	22.55	7.6	1 U	7.7	80.5	7.8	84.1			0.269	0.010 U	0.043
12/20/95	1030	10.0	8.9	29.18	22.58	7.6		7.7	80.4		84.3	0.27	0.29	0.274	0.010 U	0.045
12/20/95	1040	30.0	8.9	29.43	22.77	7.6		7.3	76.6		83.2			0.294	0.010 U	0.049
1/8/96	1125	0.5	8.8	29.87	23.13	7.8	1 U	7.4	77.8	6.9	81.2	0.32	0.34	0.205	0.010 U	0.029
1/8/96	1130	10.0	8.8	29.89	23.15	7.8		7.4	77.4		80.6	0.19	0.41	0.258	0.010 U	0.037
1/8/96	1145	30.0	8.7	30.26	23.45	7.8		7.2	76.0		81.7			0.273	0.020	0.041
2/21/96	1025	1.0	8.0	30.13	23.45		1 U	7.0	72.6	5.8	74.7	0.32	0.64	0.205	0.010 U	0.026
2/21/96	1030	10.0	8.0	30.13	23.44			7.1	73.4		76.2	0.27	0.43	0.246	0.010 U	0.035
2/21/96	1040	30.0	8.1	30.42	23.67			7.0	72.2		74.0			0.204	0.018	0.028
3/25/96	1025	0.5	8.3	29.88	23.22	7.8	1 U	7.8	81.1	7.4	67.7	0.36	0.24	0.352	0.011	0.053
3/25/96	1030	10.0	8.3	30.01	23.32	7.8		7.7	80.1		84.9	0.83	0.60	0.326	0.011	0.055
3/25/96	1035	30.0	8.3	30.39	23.61	7.8		7.5	77.7		86.9			0.308	0.010 U	0.049
5/9/96	1015	0.5	9.4	29.40	22.68	7.7	1 U	8.1	86.3	7.3	79.5	0.89	0.47	0.191	0.010 U	0.029
5/9/96	1020	10.0	9.2	29.58	22.84	7.7		8.0	84.5		84.8	1.10	0.59	0.281	0.010	0.050
5/9/96	1030	30.0	9.2	29.86	23.07	7.7		7.8	82.7		88.9			0.307	0.012	0.057
6/3/96	1210	0.5	9.7	30.30	23.34	7.6	1 U	6.5	69.6	6.7	81.6	11.80	4.40	0.280	0.022	0.062
6/3/96	1215	10.0	9.6	30.34	23.39	7.6		6.4	68.8		79.9	2.60	2.00	0.282	0.022	0.063
6/3/96	1225	30.0	9.3	30.74	23.74	7.6		6.1	65.5		79.8			0.196	0.017	0.040
7/1/96	1030	0.5	9.9	30.75	23.66	7.7	1 U	5.9	63.7	5.4	75.7	1.60	2.30	0.338	0.195	0.071
7/1/96	1035	10.0	9.8	30.77	23.68	7.8		5.9	63.4		74.9			0.223	0.010 U	0.042
7/1/96	1045	30.0	9.7	30.93	23.83	7.8		5.8	62.6		73.8			0.282	0.010 U	0.056
8/5/96	1035	0.5	10.8	30.19	23.07	7.7	1 U	6.3	68.8	11.9	88.5	0.27	0.37	0.404	0.034	0.075
8/5/96	1040	10.0	10.6	30.47	23.32	7.7		6.2	68.3		88.2	1.20	0.92	0.405	0.031	0.082
8/5/96	1045	30.0	9.4	31.67	24.45	7.7		5.4	58.2		85.3			0.391	0.029	0.081
9/9/96	1120	0.5	11.2	30.96	23.60	7.5	1 U	5.7	63.1	9.8	88.0	0.68	0.28	0.293	0.010 U	0.056
9/9/96	1150	10.0	10.5	31.32	23.99	7.5		5.3	58.3		87.9	1.50	0.70	0.364	0.010 U	0.063
9/9/96	1200	30.0	10.2	31.51	24.19	7.5		4.9	54.1		88.7			0.382	0.010 U	0.068

ADM002

Lat

48.188

Long (decimal):

-122.842

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
11/4/96	1055	0.5	9.8	30.43	23.42	7.6	1 U	6.7	71.8	11.5	84.7	0.77	0.34	0.396	0.010 U	0.069
11/4/96	1100	10.0	9.7	30.58	23.55	7.7		6.4	68.9		85.1	0.41	0.45	0.396	0.010 U	0.069
11/4/96	1110	30.0	8.9	31.89	24.70	7.7		5.4	57.1		84.6			0.422	0.010 U	0.070
1/21/97	1030	0.5	7.7	29.91	23.32	7.6	1 U	7.8	79.8	6.8	83.1			0.376	0.010 U	0.059
1/21/97	1035	10.0	7.7	30.04	23.42	7.6		7.6	78.1		82.7			0.366	0.010 U	0.054
1/21/97	1050	30.0	7.7	30.24	23.58	7.6		7.5	76.7		83.0			0.407	0.010 U	0.071
2/20/97	1005	0.5	7.8			7.6	1 U	7.6	82.0	7.8	81.8	0.47	0.28	0.373	0.010 U	0.065
2/20/97	1010	10.0	7.8			7.6		7.4	80.6		80.9	0.55	0.43	0.380	0.010 U	0.095
2/20/97	1030	30.0	7.8			7.6		7.3	79.4		79.3			0.371	0.010 U	0.093
3/27/97	1010	0.5					1 U			7.0		0.49	0.46	0.326	0.010 U	0.078
3/27/97	1015	10.0										0.48	0.53	0.336	0.010 U	0.082
3/27/97	1040	30.0												0.332	0.010 U	0.082
4/14/97	1105	0.5	8.4	29.64	23.01	7.8	1 U	9.7	100.6	7.8	81.4	2.30	0.66	0.326	0.010 U	0.092
4/14/97	1110	10.0	8.3	29.95	23.27	7.8		8.1	84.1		82.7	1.50	0.70	0.338	0.010 U	0.104
4/14/97	1115	30.0	8.2	30.50	23.71	7.7		7.5	78.1		83.6			0.237	0.010 U	0.094
5/14/97	1000	1.5	9.6	29.48	22.71		1 U	8.5	90.8	7.6	77.0	4.30	0.54	0.282	0.010 U	0.094
5/14/97	1005	10.0	9.2	30.14	23.29			7.7	81.9		78.3	3.90	1.40	0.294	0.035	0.094
5/14/97	1020	30.0	8.8	30.96	23.99			6.9	72.6		79.8			0.417	0.038	0.104
6/10/97	1042	0.5					1 U			7.4		3.70	1.70	0.281	0.011	0.089
6/10/97	1045	10.0										4.30	1.50	0.303	0.011	0.087
6/10/97	1050	30.0												0.313	0.016	0.095
7/7/97	1035	0.5	10.1	30.50	23.43		1 U	5.6	60.9	6.5	76.5	5.90	4.50	0.324	0.015	0.106
7/7/97	1040	10.0	10.0	30.55	23.48			5.7	61.9		76.4	5.50	4.50	0.320	0.014	0.110
7/7/97	1105	30.0	9.7	30.93	23.83			5.3	57.1		75.1			0.296	0.010	0.095
8/11/97	1115	0.5	14.0	27.09	20.08		1 U	6.1	70.1	11.6	74.5	7.40	0.05 U	0.196	0.010 U	0.085
8/11/97	1120	10.0	11.6	29.82	22.65			5.5	61.8		81.5	3.30	0.95	0.329	0.010 U	0.112
8/11/97	1135	30.0	9.2	32.05	24.77			4.0	42.6		78.2			0.373	0.010 U	0.110
9/22/97	1035	0.5	11.0	30.83	23.52		1	4.8	53.1	13.4	81.9	0.54	0.21	0.284	0.014	0.067
9/22/97	1040	10.0	10.9	30.91	23.60			4.8	52.9		82.6	0.48	0.25	0.252	0.012	0.062
9/22/97	1050	30.0	10.6	31.22	23.91			4.6	50.9		84.3			0.306	0.015	0.074

ADM003

Lat

47.879

Long (decimal):

-122.482

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1425	0.5	12.6	29.30	22.05			7.7	88.0	7.4	84.2					
10/1/96	1428	10.0	12.5	29.42	22.17			7.4	83.7		85.8					
10/1/96	1445	30.0	11.8	30.27	22.95			6.0	67.1		87.7					
11/4/96	1454	0.5	10.9	29.10	22.20	7.8		7.5	82.3	10.0	83.7					
11/4/96	1500	10.0	10.9	29.43	22.46	7.8		7.3	79.6		84.4					
11/4/96	1517	30.0	11.2	30.14	22.96	7.8		6.3	70.4		86.4					
12/11/96	1238	0.5	9.2	29.67	22.92	7.6		6.9	73.1	9.3	87.6					
12/11/96	1240	10.0	9.2	29.74	22.97	7.6		6.8	72.0		87.6					
12/11/96	1302	30.0	9.3	30.04	23.20	7.6		6.5	69.1		86.9					
1/21/97	1430	0.5	7.9	25.96	20.20	7.6		8.4	83.8	6.0	80.6					
1/21/97	1430	10.0	8.0	27.12	21.09	7.6		8.0	81.1		81.7					
1/21/97	1435	15.5	8.0	28.94	22.52	7.6		7.4	76.2		84.5					
2/20/97	1355	0.5	7.9	22.14	17.21	7.7		9.8	95.4	5.3	70.4					
2/20/97	1400	10.0	8.0	28.65	22.30	7.6		8.3	84.5		86.8					
2/20/97	1405	14.0	8.0	28.73	22.36	7.6		8.1	82.9		87.0					
4/14/97	1510	0.5	8.6	27.82	21.55	7.8		9.7	100.5	10.5	85.8					
4/14/97	1515	10.0	8.5	28.09	21.78	7.8		8.9	91.5		86.0					
4/14/97	1520	22.0	8.5	28.07	21.77	7.7		9.4	96.4		85.1					
5/14/97	1405	1.5	14.2	21.65	15.87			15.1	169.1	2.8	43.6					
5/14/97	1410	10.0	9.9	27.50	21.11			10.7	113.0		68.2					
5/14/97	1430	30.0	9.2	28.54	22.04			8.4	87.6		86.3					
6/10/97	1415	0.5								5.9						
6/10/97	1420	10.0														
6/10/97	1425	30.0														
8/11/97	1500	0.5	19.0	24.04	16.73			8.3	104.4	5.4	42.1					
8/11/97	1505	10.0	13.0	28.54	21.40			6.5	73.9		79.7					
8/11/97	1520	30.0	12.1	29.06	21.96			5.5	62.2		84.6					
9/22/97	1410	0.5	14.1	26.13	19.32			6.8	78.4	9.1	74.2					
9/22/97	1415	10.0	12.9	28.05	21.04			6.4	72.2		81.5					
9/22/97	1420	30.0	12.5	29.36	22.12			5.4	61.5		84.9					

BLL009

Lat

48.686

Long (decimal):

-122.598

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1330	1.0	11.6	29.50	22.39	8.0		8.2	91.8	6.2	78.5	11.40	1.90	0.150	0.023	0.049
10/12/95	1335	9.0	10.6	30.38	23.26	7.8		7.0	76.6		81.8	3.80	0.92	0.308	0.022	0.061
11/1/95	1235	0.5	9.4	29.62	22.84	7.8	1	7.5	79.5	4.0	67.5	1.80	1.10	0.220	0.011	0.041
11/1/95	1240	10.0	9.7	30.08	23.16	7.7		6.8	73.0		76.7	2.60	0.89	0.357	0.010 U	0.071
12/19/95	1215	0.5	7.2	10.24	7.96	7.7	100 S	10.4	92.7	0.5	6.0	1.50	0.60	0.516	0.027	0.027
12/19/95	1220	10.0	8.7	29.26	22.68	7.6		7.8	81.1		77.9	0.18	0.40	0.344	0.010 U	0.058
2/12/96	1120	0.5	6.3	22.23	17.45	7.8	220	9.4	88.8	1.0	30.0	1.50	0.43	0.451	0.031	0.056
2/12/96	1125	10.0	7.1	29.07	22.74	7.7		8.2	82.3		79.3	0.27	0.22	0.371	0.010 U	0.064
3/6/96	1320	0.5	7.2	28.86	22.56	7.8	1 U	8.5	85.3	4.0	67.7	1.00	0.37	0.295	0.010 U	0.040
3/6/96	1325	7.0	7.4	29.11	22.73	7.8		8.2	82.5		71.9	0.75	0.49	0.367	0.010 U	0.056
4/10/96	1430	0.5	10.0	27.20	20.88	8.3	1 U	11.9	126.4	3.2	62.8	19.10	1.50	0.033	0.010 U	0.010 U
4/10/96	1435	7.5	8.5	29.29	22.72	7.9		8.8	91.8		80.1	6.40	1.60	0.215	0.019	0.031
5/9/96	1400	0.5	11.8	26.72	20.21	8.5	1 U	12.7	139.5	3.7	78.3	5.80	0.98	0.010 U	0.010 U	0.010 U
5/9/96	1405	10.0	9.5	28.82	22.20	7.9		10.4	109.7		63.0	9.80	0.81	0.148	0.010 U	0.024
6/11/96	1300	0.5	12.7	27.61	20.72	8.1	1 U	9.7	109.7	3.7	57.6	12.10	2.90	0.027	0.010 U	0.020
6/11/96	1310	10.0	10.0	29.62	22.76	7.7		6.7	72.5		70.8	3.80	3.40	0.191	0.029	0.048
7/10/96	1215	0.5	15.6	26.11	19.03	8.3		8.8	103.9	4.4	65.1	6.50	1.30	0.010 U	0.010 U	0.016
7/10/96	1220	10.0	13.1	27.49	20.57	8.1		7.5	85.5		69.4	7.20	1.80	0.080	0.023	0.027
8/6/96	1210	0.5	14.1	27.94	20.73	8.0	1 U	7.2	83.1	8.6	82.1	1.80	0.53	0.162	0.018	0.050
8/6/96	1215	7.5	11.2	29.32	22.32	7.7		5.4	59.0		79.7	0.32	0.61	0.219	0.105	0.086
9/11/96	1523	0.5	16.3	24.27	17.48	8.4	1	7.8	92.7	4.0	61.2	1.20	0.96	0.051	0.010 U	0.024
9/11/96	1525	10.0	11.0	30.05	22.93	7.8		5.4	59.4		73.3	0.66	0.49	0.291	0.010 U	0.060

BLL009

Lat

48.686

Long (decimal):

-122.598

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1125	0.5	12.6	26.34	19.76	8.1	17	8.8	98.5	2.6	64.0	5.70	0.70	0.200	0.010 U	0.034
10/7/96	1135	10.0	11.1	29.56	22.53	7.8		6.4	70.8		77.7	0.73	0.52	0.313	0.014	0.060
11/20/96	1310	0.5	6.6	27.05	21.22	7.8	10	8.0	78.3	2.3	53.4					
11/20/96	1315	9.0	8.7	30.14	23.36	7.8		6.5	67.8		29.2					
12/17/96	1225	0.5	5.6	26.86	21.16	7.6	2	9.1	87.3	4.0	67.5			0.475	0.025	0.089
12/17/96	1231	8.5	8.0	30.06	23.40	7.6		7.4	76.3		80.2			0.429	0.013	0.095
1/16/97	1130	0.5	5.4			7.6	5	8.4	85.3	4.3	71.5			0.476	0.064	0.059
1/16/97	1140	10.0	7.2			7.6		7.5	79.6		77.8			0.383	0.045	0.070
2/6/97	1200	0.5	6.2	26.62	20.92	7.6	1 U	8.8	84.9	2.7	64.3	0.50	0.31	0.423	0.010 U	0.062
2/6/97	1205	10.0	7.1	29.46	23.04	7.6		7.9	79.9		71.1	0.32	0.41	0.398	0.010 U	0.068
4/1/97	1240	0.5	8.9	24.36	18.81	7.8	1 U	9.2	93.3	1.5	32.3	1.80	0.38	0.346	0.010 U	0.076
4/1/97	1245	10.0	7.9	28.77	22.40	7.7		7.7	78.5		64.2	0.55	0.49	0.310	0.010 U	0.085
5/6/97	1330	0.5	10.0	26.97	20.69		1	9.3	98.1	3.9	66.2	4.50	0.71	0.172	0.015	0.075
5/6/97	1335	10.0	9.5	29.00	22.35			9.3	99.0		73.3	13.90	2.00	0.134	0.011	0.074
6/5/97	1255	0.5	14.9	20.88	15.14		1	11.2	126.6	2.3	44.1	16.70	0.05 U	0.025	0.010 U	0.047
6/5/97	1300	5.5	10.3	28.82	22.08			9.2	98.9		63.0	28.10	1.90	0.126	0.021	0.070
7/2/97	1217	0.5	15.9	24.83	17.97		1 U	9.3	110.2	4.3	71.0	6.90	0.94	0.070	0.010 U	0.034
7/2/97	1223	10.0	10.9	28.65	21.84			6.8	73.8		61.7	2.20	0.98	0.206	0.023	0.060
8/6/97	1300	0.5	17.6	23.20	16.36		1 U	9.9		2.9	48.9	11.00	0.96	0.027	0.010 U	0.043
8/6/97	1310	10.0	12.4	28.42	21.41			6.6			67.5	4.70	0.22	0.205	0.010 U	0.082
9/8/97	1245	0.5	16.3	25.52	18.41		1 U	10.1	121.6	4.0	63.9	4.20	0.87	0.019	0.011	0.047
9/8/97	1250	10.0	12.2	29.16	22.03			6.9	77.8		80.4	0.68	0.59	0.193	0.027	0.078

BLL011

Lat (decimal):

48.733

Long (decimal):

-123.583

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1205	0.5	12.7	27.52	20.67	8.2	29	9.7	109.6	2.0	60.2	27.90	2.00	0.174	0.010 U	0.041
10/7/96	1215	10.0	11.1	29.63	22.57	7.8		6.0	66.0		92.6	0.64	0.28	0.236	0.017	0.043
11/20/96	1235	0.5	8.2	29.90	23.24	7.8	1	6.7	69.3	4.1	71.8	0.48	0.46	0.413	0.011	0.085
11/20/96	1240	10.0	8.7	30.12	23.34	7.7		6.3	66.0		70.0	0.26	0.36	0.412	0.010 U	0.080
12/17/96	1155	0.5	6.2	27.36	21.50	7.6	17	8.9	86.3	3.2	65.0			0.478	0.028	0.091
12/17/96	1201	10.0	7.8	29.95	23.34	7.6		7.6	78.4		81.5			0.437	0.010 U	0.098
1/16/97	1105	0.5	6.2	28.54	22.43	7.6	3	8.5	83.1	4.0	70.7			0.341	0.068	0.064
1/16/97	1110	10.0	7.1	29.54	23.12	7.6		8.2	82.1		81.0			0.322	0.073	0.054
2/6/97	1230	0.5	6.2	26.00	20.43	7.6	1	8.9	85.4	2.3	44.1	0.56	0.32	0.432	0.020	0.064
2/6/97	1235	10.0	6.8	29.25	22.92	7.6		8.3	82.9		82.9	0.13	0.21	0.409	0.016	0.068
4/1/97	1210	0.5	9.2	18.48	14.19	7.8	1			1.5	30.1	1.90	0.34	0.425	0.010 U	0.046
4/1/97	1220	10.0	7.9	28.71	22.35	7.8		6.6	67.0		71.1	0.52	0.46	0.299	0.010 U	0.083
5/6/97	1235	0.5	11.5	19.44	14.61		2	10.3	107.9	2.3	52.8	7.30	0.84	0.066	0.010 U	0.043
5/6/97	1240	10.0	9.9	28.79	22.13			10.2	109.1		78.0	12.20	2.40	0.114	0.018	0.071
6/5/97	1230	0.5	15.9	13.82	9.55		6	10.2	113.4	1.4	32.7	10.20	0.37	0.072	0.010 U	0.039
6/5/97	1235	10.0	9.6	29.24	22.52			7.2	76.3		74.6	5.50	1.20	0.255	0.083	0.092
7/2/97	1153	1.0	15.7	13.55	9.38		3	9.0	97.5	0.8	46.7	0.66	0.39	0.169	0.010 U	0.012
7/2/97	1159	10.0	11.7	28.36	21.49			6.6	73.7		67.2	0.76	1.10	0.206	0.068	0.082
8/6/97	1230	0.5	19.6	18.22	12.12		9	9.3		3.0	1.8	5.60	0.93	0.010 U	0.010 U	0.043
8/6/97	1240	10.0	11.1	28.79	21.93			5.3			81.6	1.10	0.55	0.305	0.018	0.093
9/8/97	1215	0.5	17.1	21.75	15.34		9	9.9	117.4	4.5	54.8	2.90	0.94	0.033	0.010 U	0.037
9/8/97	1220	10.0	12.4	29.20	22.02			6.2	70.1		49.0	2.90	1.70	0.068	0.021	0.051

BML001

Lat

47.378

Long (decimal):

-122.632

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/19/95	1425	2.5	13.3	30.21	22.62	7.9	1 U	7.6	88.1	6.4	83.2	11.30	1.80	0.163	0.027	0.061
10/19/95	1435	10.0	13.2	30.23	22.67	7.7		6.7	77.2		69.5	0.94	0.54	0.243	0.059	0.079
11/16/95	1125	0.5	11.6	28.69	21.76	7.7	2	7.8	86.3	9.6	80.0	2.10	1.10	0.295	0.047	0.072
11/16/95	1130	10.0	11.6	29.77	22.60	7.7		7.2	80.5		76.5	0.58	0.48	0.266	0.034	0.070
12/27/95	1115	0.5	9.6	28.39	21.86	7.6	1	6.9	73.5	9.2	84.9	0.81	0.31	0.376	0.010 U	0.075
12/27/95	1120	9.0	10.0	28.53	21.91	7.6		6.8	72.8		86.2	0.31	0.27	0.385	0.010 U	0.079
1/25/96	1215	0.5	8.6	27.61	21.40	7.7	1 U	8.2	84.4	9.0	82.6	0.51	0.38	0.264	0.012	0.046
1/25/96	1220	10.0	9.1	28.06	21.67	7.7		7.9	82.7		85.3	0.31	0.22	0.411	0.010 U	0.078
2/26/96	1245	0.5	7.9	26.43	20.57	7.8	2	8.0	80.6	9.9	82.0	0.47	0.31	0.332	0.010 U	0.049
2/26/96	1250	5.5	8.1	27.21	21.14	7.7		7.8	79.1		82.8					
3/20/96	1200	0.5	9.5	26.41	20.33	8.3	1	11.5	119.8	6.1	78.5	4.60	1.30	0.080	0.017	0.019
3/20/96	1205	10.0	8.8	27.20	21.04	8.3		10.3	106.7		75.8	15.20	2.30	0.156	0.010 U	0.034
4/30/96	1030	0.5	10.3	27.03	20.69	7.9	1	10.8	114.9	6.0	70.9	8.10	1.10	0.111	0.010 U	0.025
4/30/96	1035	10.0	9.6	27.72	21.34	7.8		10.2	107.9		82.3	10.70	0.27	0.179	0.010 U	0.034
5/29/96	1335	0.5	13.6	27.24	20.27	8.1	1	9.3	106.4	4.0	69.6	6.20	1.80	0.010 U	0.010 U	0.011
5/29/96	1335	10.0	12.9	27.60	20.69	8.1		9.7	109.5		71.0	6.50	1.60	0.010 U	0.010 U	0.017
6/17/96	1353	0.5	14.0	27.90	20.71	8.2	1 U	9.7	112.8	5.2	76.7	2.40	1.20	0.010 U	0.016	0.034
6/17/96	1355	10.0	12.9	27.98	20.97	8.1		9.6	109.3		63.3	4.60	1.80	0.010 U	0.010 U	0.029
7/22/96	1430	0.5	14.1	28.59	21.22	7.9	1 U	7.3	85.6	4.5	82.2	0.56	0.51	0.095	0.074	0.049
7/22/96	1435	9.5	12.2	28.89	21.82	7.8		6.7	75.1		59.6	0.60	0.57	0.127	0.079	0.048
8/12/96	1425	0.5	17.4	28.34	20.31	8.3	1	9.0	112.0	5.7	74.2	2.40	0.59	0.010 U	0.010 U	0.023
8/12/96	1430	10.0	13.2	29.20	21.87	8.0		7.5	86.8		51.8	6.10	2.90	0.120	0.069	0.062
9/16/96	1245	0.5	15.3	28.23	20.69	8.0	1 U	7.3	87.6	6.7	75.4	3.40	0.36	0.128	0.010 U	0.036
9/16/96	1247	7.5	15.0	29.08	21.42	8.0		7.5	89.1		80.5	4.40	0.42	0.174	0.010 U	0.044

BUD002

Lat

47.050

Long (decimal):

-122.908

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/19/95	0950	0.5	13.2	21.91	16.23	7.6	55 X	6.1	67.1	4.5	59.3	2.40	1.40	0.330	0.154	0.072
10/19/95	0955	10.0	13.6	29.78	22.23	7.7		5.0	58.2		65.3	3.40	0.99	0.169	0.157	0.089
11/16/95	1505	0.5	11.7	25.43	19.21	7.6	30 S	6.9	75.3	6.0	53.1	1.80	0.73	0.177	0.064	0.044
11/16/95	1510	10.0	11.6	29.38	22.30	7.6		5.6	62.0		68.6	3.80	0.89	0.168	0.111	0.054
12/27/95	1430	0.5	8.1	18.64	14.44	7.6	16	7.4	70.8	3.4	50.0	1.10	0.81	0.518	0.033	0.058
12/27/95	1435	10.0	10.0	27.60	21.18	7.5		6.1	65.1		67.8	0.97	0.74	0.395	0.032	0.084
1/25/96	1540	0.5	7.3	14.51	11.29	7.7	77 S	9.3	85.5	4.4	52.6	0.84	0.57	0.441	0.024	0.071
1/25/96	1545	10.0	9.0	27.12	20.95	7.6		7.3	75.8		63.8	0.64	0.50	0.322	0.041	0.058
2/26/96	1715	0.5	7.2	14.57	11.35	7.7	21 S	9.7	88.8	2.2	49.5	0.75	0.53	0.600	0.013	0.048
2/26/96	1720	9.5	8.3	26.25	20.38	7.6		7.5	75.6		59.1	0.81	0.47	0.420	0.032	0.076
3/20/96	1550	0.5	9.7	17.92	13.69	7.9	8	8.8	87.1	3.5	53.1	3.30	1.00	0.240	0.028	0.041
3/20/96	1550	10.0	8.6	26.69	20.67	7.8		8.0	81.9		33.4	9.50	2.70	0.311	0.031	0.051
4/30/96	1420	0.5	11.3	18.39	13.83	7.8	5	10.8	111.8	2.5	50.3	3.30	1.40	0.268	0.016	0.037
4/30/96	1425	10.0	9.9	27.09	20.80	7.6		8.7	92.1		70.1	7.70	1.60	0.238	0.070	0.054
5/29/96	1735	0.5	12.9	20.88	15.51	7.9	6	11.0	119.2	2.3	51.5	24.00	4.30	0.057	0.015	0.031
5/29/96	1735	10.0	10.8	27.43	20.92	7.6		7.7	83.6		56.7	26.00	4.10	0.101	0.106	0.051
6/17/96	0948	0.5	13.9	25.70	19.06	8.0	6	9.1	103.7	1.9	51.0	11.70	2.50	0.069	0.042	0.068
6/17/96	0950	10.0	12.4	27.83	20.95	7.9		8.2	91.6		45.9	19.20	1.40	0.010 U	0.032	0.048
7/22/96	0945	0.5	16.5	19.87	14.04	8.0	17	8.2	95.0	5.5	65.9	3.30	1.20	0.124	0.086	0.052
7/22/96	0950	10.0	14.2	28.44	21.07	7.8		6.5	75.7		31.3	1.60	1.40	0.027	0.180	0.069
8/12/96	1005	0.5	17.2	23.21	16.44	8.1	27	10.6	128.1	2.1	58.1	14.10	2.80	0.010 U	0.021	0.068
8/12/96	1010	9.0	14.7	28.79	21.25	7.6		5.7	67.9		54.2	1.90	1.00	0.010 U	0.019	0.081
9/16/96	1630	0.5	15.3	26.86	19.65	7.8	10	6.4	75.4	5.1	69.2	6.80	0.98	0.094	0.067	0.057
9/16/96	1632	10.0	14.5	29.36	21.74	7.9		6.1	72.1		64.3	0.83	0.45	0.085	0.048	0.057

BUD005

Lat

47.092

Long (decimal):

-122.917

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/19/95	1020	0.5	13.4	29.38	21.97	7.9	1 U	7.5	86.4	5.1	74.3	6.40	1.90	0.171	0.057	0.069
10/19/95	1030	10.0	13.4	29.77	22.26	7.8		6.4	73.7		77.7	4.80	1.50	0.188	0.078	0.072
11/16/95	1430	0.5	11.7	27.37	20.71	7.7	22	7.8	86.4	7.9	78.1	4.20	1.10	0.274	0.047	0.071
11/16/95	1435	10.0	11.5	29.38	22.31	7.7		6.8	76.1		78.5	1.60	0.83	0.179	0.046	0.045
12/27/95	1340	0.5	9.3	26.04	20.07	7.6	11	7.3	75.2	5.8	78.4	1.50	0.49	0.349	0.019	0.064
12/27/95	1345	9.0	9.8	27.47	21.10	7.6		6.7	71.1		76.2	0.71	0.60	0.327	0.010 U	0.064
1/25/96	1500	0.5	7.7	25.23	19.64	7.7	3	8.8	87.2	5.5	76.2	0.58	0.36	0.374	0.015	0.060
1/25/96	1505	10.0	9.0	27.15	20.98	7.6		7.6	78.6		73.1	0.50	0.46	0.367	0.019	0.063
2/26/96	1630	1.5	8.1	25.00	19.42	7.8	1	8.5	85.1	4.6	54.7	0.89	0.37	0.405	0.010 U	0.062
2/26/96	1635	10.0	8.2	26.44	20.53	7.6		7.5	76.1		66.0	0.68	0.38	0.356	0.010 U	0.054
3/20/96	1505	0.5	9.3	25.69	19.79	7.9	1	9.1	93.9	5.7	75.2	1.10	0.54	0.329	0.018	0.054
3/20/96	1510	10.0	8.7	26.80	20.75	7.7		8.4	85.9		64.6	2.90	1.30	0.341	0.015	0.057
4/30/96	1340	0.5	11.9	24.81	18.71	7.8	12	11.3	122.5	2.5	61.1	5.50	1.90	0.202	0.014	0.035
4/30/96	1345	10.0	9.7	27.31	21.00	7.6		8.7	91.6		66.0	11.80	2.60	0.266	0.050	0.054
5/29/96	1701	0.5	13.5	25.86	19.23	8.2	1 U	12.7	144.2	2.5	56.8	18.00	1.30	0.010 U	0.010 U	0.014
5/29/96	1705	6.0	11.2	27.37	20.80	7.8		9.7	106.1		23.9	58.00	2.40	0.010 U	0.010 U	0.015
6/17/96	1020	0.5	13.4	27.68	20.66	8.1	1	10.0	114.9	4.2	66.5	5.80	1.20	0.010 U	0.010 U	0.030
6/17/96	1022	10.0	12.3	27.98	21.09	7.9		8.3	93.2		57.6	10.40	2.40	0.092	0.025	0.040
7/22/96	1020	0.5	17.6	27.87	19.93	8.1	3	8.9	111.1	7.1	85.0	3.00	0.77	0.010 U	0.013	0.040
7/22/96	1026	10.0	13.9	28.59	21.26	7.9		7.8	90.9		79.5	19.40	1.60	0.010 U	0.016	0.038
8/12/96	1040	0.5	17.7	27.23	19.40	8.5	1 U	13.3	166.1	3.4	74.4	4.30	0.56	0.010 U	0.010 U	0.037
8/12/96	1045	10.0	14.6	28.94	21.38	7.8		7.7	91.6		61.1	5.40	1.30	0.010 U	0.010 U	0.063
9/16/96	1543	0.5	15.2	29.16	21.42	8.0	3	7.6	91.1	5.1	76.5	4.30	0.64	0.069	0.022	0.055
9/16/96	1545	10.0	14.3	29.40	21.81	7.9		7.0	82.5		70.4	1.50	0.52	0.107	0.027	0.054

BUD005

Lat

47.092

Long (decimal):

-122.917

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1625	0.5	12.1	29.36	22.19	8.0	1 U	7.0	78.4	6.5	79.4	4.10	0.58	0.231	0.050	0.072
10/24/96	1630	10.0	12.2	29.58	22.35	7.9		6.5	73.9		74.1	7.70	1.40	0.245	0.045	0.073
12/10/96	1528	0.5	9.2	27.90	21.54	7.6	1	7.1	74.7	5.2	80.5					
12/10/96	1535	10.0	9.5	28.77	22.16	7.5		6.6	69.7		74.8					
1/27/97	0945	0.5	5.4	22.09	17.43	7.5	14	10.6	97.6	4.8	56.8	0.84	0.83	0.464	0.020	0.065
1/27/97	0950	10.0	7.4	26.52	20.71	7.5		8.3	82.7		76.5	0.75	0.52	0.417	0.010 U	0.066
2/27/97	1040	0.5	7.9	25.28	19.67	7.7	1 U	9.3	92.5	6.7	71.5	1.00	0.48	0.445	0.010 U	0.086
2/27/97	1045	10.0	8.0	27.03	21.02	7.6		8.5	86.1		73.4	1.70	0.64	0.406	0.010 U	0.099
3/25/97	1005	0.5	10.0	21.55	16.47		1 U	8.5	86.5	6.6	70.3	0.90	0.22	0.322	0.022	0.055
3/25/97	1010	10.0	8.2	26.67	20.71			8.0	81.6		71.8	1.40	0.24	0.359	0.021	0.091
4/21/97	1000	0.5	9.8			5.6	42	11.0	123.3	3.3	66.9			0.195	0.010 U	0.063
4/21/97	1010	10.0	9.2			5.6		9.2	103.1		60.7	15.80	2.40	0.281	0.018	0.083
5/30/97	1555	1.0	16.0	24.29	17.53			11.9	141.3	2.9	51.9	13.20	1.10	0.058	0.011	0.083
5/30/97	1600	10.0	11.4	27.52	20.89			8.9	97.4		58.2	11.50	3.30	0.133	0.086	0.100
6/24/97	1630	0.5	14.9	27.49	20.22		1 U	8.4	98.8	6.8	79.5	1.10	0.25	0.149	0.056	0.089
6/24/97	1635	10.0	12.2	27.80	20.97			7.0	77.9		56.9	11.30	2.20	0.193	0.063	0.087
7/21/97	1540	0.5	16.3	27.79	20.13		1 U	11.5	139.7	3.8	73.6	9.00	0.05 U	0.019	0.010 U	0.050
7/21/97	1545	4.0	15.0	28.01	20.59			10.7	127.3		53.9	19.20	2.80	0.097	0.062	0.092
8/27/97	1640	0.5	15.9	28.34	20.65		1 U	7.2	87.0	5.7	74.5	7.00	0.46	0.055	0.042	0.085
8/27/97	1645	10.0	14.9	28.55	21.03			5.8	68.6		64.2	9.60	1.90	0.088	0.113	0.098
9/24/97	1555	0.5	17.8	26.36	18.72		1 U	15.7	195.4	3.0	57.6	23.30	0.57			
9/24/97	1600	10.0	14.3	28.69	21.25			4.9	57.6		72.8	1.20	0.55			

CMB003

Lat

47.291

Long (decimal):

-122.449

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/19/95	1240	0.5	12.6	28.18	21.18	7.9	1	6.5	73.5	4.3	62.7	9.60	0.88	0.245	0.017	0.056
10/19/95	1245	10.0	12.4	30.21	22.79	7.8		6.5	73.9		84.7	5.00	0.97	0.277	0.013	0.063
10/19/95	1255	30.0	12.3	30.51	23.05	7.8		5.8	66.2		90.6			0.308	0.010 U	0.067
11/16/95	1050	0.5	10.6	21.27	16.17	7.6	470 J	7.2	75.0	1.3	21.1	0.47	0.23	0.303	0.031	0.033
11/16/95	1055	10.0	11.4	29.88	22.72	7.6		6.3	70.3		83.4	0.44	0.16	0.322	0.010 U	0.054
11/16/95	1100	30.0	11.5	30.31	23.05	7.6		5.9	66.3		85.2			0.335	0.010 U	0.057
12/27/95	1030	0.5	9.5	27.17	20.92	7.6	100	6.9	72.4	3.8	74.7	1.20	0.33	0.406	0.030	0.071
12/27/95	1035	10.0	10.0	28.56	21.93	7.6		6.7	71.3		84.9	0.22	0.18	0.262	0.010 U	0.050
12/27/95	1050	30.0	10.2	28.96	22.20	7.6		6.4	69.0		87.1			0.326	0.010 U	0.064
1/25/96	1130	0.5	6.9	15.60	12.18	7.5	85 S	9.2	84.0	3.5	56.8	0.24	0.32	0.376	0.060	0.035
1/25/96	1135	10.0	9.5	28.44	21.91	7.6		7.2	75.6		83.1	0.16	0.11	0.270	0.046	0.046
1/25/96	1145	30.0	9.5	28.63	22.06	7.7		7.1	75.3		84.8			0.309	0.010 U	0.052
2/26/96	1420	0.5	7.2	17.67	13.78	7.7	14	8.7	81.6	1.7	51.6	0.42	0.28	0.377	0.019	0.037
2/26/96	1420	10.0	8.3	27.65	21.46	7.7		7.5	77.3		81.7	0.49	0.19	0.403	0.035	0.069
2/26/96	1435	30.0	8.5	28.08	21.78	7.7		7.3	75.2		83.2			0.411	0.036	0.071
3/20/96	1110	0.5	8.7	19.68	15.19	7.7	6	8.9	86.8	5.5	72.6	1.30	0.38	0.360	0.048	0.049
3/20/96	1115	10.0	8.4	27.94	21.68	7.7		7.9	81.4		83.3	1.60	0.60	0.267	0.039	0.042
3/20/96	1130	30.0	8.4	28.15	21.85	7.7		7.8	80.1		88.2			0.390	0.010 U	0.066
4/30/96	0945	0.5	10.3	16.44	12.47	7.6	69	10.5	104.5	2.1	44.4	7.70	1.20	0.236	0.010 U	0.030
4/30/96	1000	10.0	9.4	27.76	21.40	7.7		9.0	94.2		81.0	4.10	0.75	0.304	0.010 U	0.051
4/30/96	1005	30.0	9.1	28.56	22.07	7.6		8.4	88.0		87.3			0.332	0.010 U	0.060
5/29/96	1124	0.5	10.7	27.95	21.34	7.9	1 U	10.1	109.1	3.2	55.7	19.00	0.87	0.023	0.010 U	0.010 U
5/29/96	1125	10.0	10.2	28.19	21.61	7.8		9.3	99.4		74.9	13.00	1.80	0.238	0.010 U	0.043
5/29/96	1140	30.0	10.0	28.47	21.85	7.7		8.6	91.9		67.7			0.296	0.010 U	0.054
6/17/96	1125	0.5	12.8	25.23	18.87	8.2	1 U	10.7	119.3	4.2	53.0	12.20	2.50	0.019	0.010 U	0.022
6/17/96	1127	10.0	11.0	28.47	21.70	7.9		8.9	96.9		82.2	13.10	3.40	0.108	0.027	0.039
6/17/96	1135	30.0	10.8	28.57	21.81	7.8		8.2	89.0		88.9			0.180	0.037	0.049
7/22/96	1200	0.5	14.5	26.80	19.79	8.0	1	10.1	117.6	5.0	71.3	3.40	1.10	0.095	0.042	0.021
7/22/96	1215	10.0	11.6	29.16	22.13	7.9		7.7	85.3		88.6	0.42	0.54	0.170	0.097	0.041
7/22/96	1220	30.0	11.4	29.32	22.28	7.9		7.3	80.8		91.5			0.185	0.048	0.045
8/12/96	1225	0.5	15.2	26.62	19.48	8.1	1 U	9.1	107.5	6.2	65.0	4.40	0.90	0.061	0.017	0.034
8/12/96	1230	10.0	13.0	29.41	22.08	8.0		8.2	94.3		89.2	2.20	0.65	0.130	0.033	0.048
8/12/96	1240	30.0	12.3	29.54	22.30	7.9		7.1	80.7		91.2			0.180	0.045	0.055
9/16/96	1102	0.5	13.2	25.33	18.88	7.7	71	6.3	70.4	1.6	43.7	1.40	0.38	0.284	0.011	0.055
9/16/96	1247	10.0	12.4	30.03	22.65	7.7		5.6	64.1		90.0	0.86	0.30	0.280	0.010 U	0.050
9/16/96	1120	30.0	12.1	30.18	22.83	7.7		5.3	60.0		89.4			0.307	0.010 U	0.059

CMB003

Lat

47.291

Long (decimal):

-122.449

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1215	0.5	11.0	21.44	16.25	7.8	110	6.8	71.5	1.0	23.2	0.58	0.52	0.437	0.027	0.071
10/24/96	1220	10.0	11.6	30.15	22.89	7.8		5.6	62.4		85.2	0.48	0.25	0.373	0.010 U	0.076
10/24/96	1235	30.0	11.6	30.42	23.11	7.8		5.3	59.4		88.2			0.383	0.010 U	0.080
1/27/97	1235	0.5	7.2	24.83	19.42	7.6	25	8.5	83.4	6.3	68.6	1.20	0.33	0.418	0.025	0.058
1/27/97	1240	10.0	8.0	28.25	21.97	7.6		7.9	80.8		82.7	0.38	0.39	0.421	0.010 U	0.072
1/27/97	1245	30.0	8.1	28.55	22.20	7.6		7.9	80.4		85.2			0.350	0.010 U	0.057
2/27/97	1320	0.5	7.9	21.00	16.31	7.7	3	9.3	90.4	8.1	70.1	1.20	0.41	0.109	0.010 U	0.069
2/27/97	1325	10.0	8.1	28.17	21.90	7.7		8.4	85.6		84.2	1.20	0.39	0.414	0.010 U	0.093
2/27/97	1335	30.0	8.1	28.41	22.10	7.7		8.3	84.5		85.0			0.418	0.010 U	0.093
3/25/97	1145	0.5	8.8	14.97	11.49		36	9.0	85.5	1.6	20.9	0.51	0.27	0.384	0.021	0.071
3/25/97	1150	10.0	8.1	27.98	21.76			8.0	81.5		79.5	0.60	0.20	0.414	0.010 U	0.099
3/25/97	1155	30.0	8.0	28.31	22.02			7.8	79.6		81.9			0.410	0.010 U	0.098
4/21/97	1315	1.0	9.1	17.74	13.62		51	9.9	96.4	1.3	32.3	1.10	0.50	0.291	0.017	0.068
4/21/97	1320	10.0	8.5	28.19	21.87			8.4	87.0		83.8			0.350	0.010 U	0.092
4/21/97	1325	30.0	8.4	28.37	22.02			8.3	85.7		86.1			0.331	0.010 U	0.089
5/30/97	1227	0.5	11.7	17.75	13.28			10.9	112.9	5.5	53.2	12.80	0.05 U	0.213	0.031	0.069
5/30/97	1230	10.0	9.8	28.24	21.70			8.7	92.5		92.3	1.20	0.14	0.288	0.035	0.088
5/30/97	1250	30.0	9.7	28.37	21.84			8.3	87.6		92.1			0.306	0.026	0.089
6/24/97	1235	0.5	12.5	21.65	16.17		3	8.5	91.8	4.2	56.5	2.70	0.15	0.280	0.051	0.084
6/24/97	1240	10.0	10.9	28.16	21.48			8.4	91.5		77.2	1.70	0.44	0.317	0.032	0.088
6/24/97	1300	30.0	10.5	28.59	21.87			7.7	83.0		84.8			0.325	0.015	0.088
7/21/97	1150	0.5	14.5	24.65	18.12		3	7.7	88.9	3.5	52.8	13.20	0.63	0.110	0.011	0.056
7/21/97	1150	10.0	12.3	28.33	21.36			7.3	82.1		86.2	3.10	0.05 U	0.214	0.016	0.072
7/21/97	1210	30.0	11.7	28.66	21.72			6.3	70.4		88.0			0.270	0.020	0.080
8/27/97	1305	0.5	13.9	24.73	18.29		120	6.4	73.0	2.4	34.1	4.20	0.63	0.205	0.034	0.083
8/27/97	1310	10.0	12.6	29.18	21.96			5.8	65.5		88.0	0.44	0.26	0.222	0.025	0.089
8/27/97	1320	30.0	12.3	29.29	22.10			5.5	62.0		88.5			0.260	0.010 U	0.090
9/24/97	1300	0.5	15.3	20.28	14.59		1	6.9	78.1	3.7	31.1					
9/24/97	1300	10.0	12.9	29.49	22.15			6.5	74.0		81.3	5.10	0.56			
9/24/97	1315	30.0	12.6	29.61	22.30			5.6	63.5		86.6					

CRR001

Lat

47.277

Long (decimal):

-122.708

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/19/95	1455	2.0	13.2	30.18	22.63	8.0	1 U	7.6	87.7	10.6	85.8	8.40	0.89	0.178	0.013	0.055
10/19/95	1500	10.0	13.0	30.18	22.67	7.8		7.0	80.7		89.9	8.80	1.60	0.212	0.017	0.060
10/19/95	1510	30.0	12.9	30.20	22.70	7.8		6.1	69.8		91.4			0.296	0.022	0.077
11/16/95	1155	0.5	11.7	29.76	22.58	7.7	1 U	7.5	83.8	10.6	87.9	0.83	0.32	0.226	0.016	0.048
11/16/95	1200	10.0	11.6	29.93	22.73	7.7		6.7	75.0		85.6	0.78	0.50	0.239	0.012	0.048
11/16/95	1205	30.0	11.6	30.05	22.82	7.7		6.6	73.4		88.6			0.184	0.010 U	0.033
12/27/95	1140	0.5	9.5	28.41	21.89	7.6	1 U	7.3	77.3	12.3	89.7	1.00	0.30	0.383	0.010 U	0.080
12/27/95	1145	10.0	9.9	28.49	21.89	7.6		7.1	75.8		89.7	0.27	0.21	0.386	0.010 U	0.081
12/27/95	1150	30.0	9.8	28.55	21.95	7.6		7.1	75.4		88.1			0.387	0.010 U	0.080
1/25/96	1235	0.5	8.7	28.01	21.70	7.7	1 U	8.2	85.2	9.4	86.7	0.67	0.25	0.237	0.010 U	0.040
1/25/96	1240	10.0	9.2	28.19	21.77	7.7		7.8	81.7		85.8	0.19	0.53	0.243	0.010 U	0.041
1/25/96	1250	30.0	9.5	28.31	21.81	7.7		7.4	78.4		84.4			0.232	0.010 U	0.038
2/26/96	1155	0.5	7.9	26.97	20.99	7.8	1 U	8.1	81.3	7.2	83.3	0.67	0.28	0.411	0.010 U	0.069
2/26/96	1200	10.0	8.2	27.28	21.20	7.7		7.8	79.4		83.8	0.49	0.26	0.414	0.010 U	0.072
2/26/96	1215	30.0	8.3	27.48	21.33	7.7		7.6	77.7		82.0			0.379	0.010 U	0.063
3/20/96	1220	0.5	8.6	27.46	21.27	8.0	1 U	9.8	100.3	8.3	84.1	6.40	1.20	0.243	0.010 U	0.041
3/20/96	1225	10.0	8.4	27.58	21.40	7.8		8.6	87.8		81.9	21.20	2.10	0.243	0.010 U	0.039
3/20/96	1235	30.0	8.3	27.71	21.51	7.7		7.6	78.0		77.8			0.389	0.010 U	0.063
4/30/96	1055	0.5	11.6	26.06	19.72	8.3	1 U	13.8	150.4	4.5	73.0	11.30	1.20	0.010 U	0.010 U	0.010 U
4/30/96	1055	10.0	9.5	27.82	21.43	7.8		10.4	110.0		84.6	10.90	0.05 U	0.250	0.010	0.044
4/30/96	1110	30.0	9.3	28.00	21.60	7.7		9.4	98.2		87.3			0.311	0.017	0.057
5/29/96	1405	0.5	11.9	27.88	21.09	8.0	1 U	10.5	116.3	4.8	72.9	11.00	3.00	0.025	0.012	0.020
5/29/96	1405	10.0	10.7	27.97	21.35	7.8		9.6	103.4		84.3	9.50	1.60	0.136	0.011	0.028
5/29/96	1420	30.0	10.2	28.07	21.52	7.7		8.6	91.5		91.9			0.209	0.022	0.041
6/17/96	1418	0.5	12.3	28.12	21.19	8.1	1 U	10.4	117.1	4.7	62.8	12.40	3.00	0.010 U	0.010 U	0.026
6/17/96	1420	10.0	11.0	28.31	21.57	7.9		8.4	91.8		70.8	24.00	5.20	0.054	0.010 U	0.025
6/17/96	1430	30.0	10.4	28.33	21.68	7.7		7.4	79.4		91.0			0.220	0.059	0.064
7/22/96	1455	0.5	15.0	28.67	21.11	8.1	1 U	8.2	97.5	13.7	88.7	0.94	0.50	0.053	0.026	0.028
7/22/96	1500	10.0	12.2	28.89	21.82	7.9		7.6	85.2		92.1	0.59	0.27	0.140	0.073	0.045
7/22/96	1515	30.0	12.0	29.00	21.94	7.9		7.2	80.2		89.8			0.161	0.078	0.045
8/12/96	1450	0.5	15.8	29.03	21.22	8.4	1 U	11.4	138.3	3.7	58.7	15.30	2.60	0.010 U	0.010 U	0.018
8/12/96	1455	10.0	13.5	29.21	21.82	8.0		8.7	100.8		88.1	2.90	2.30	0.084	0.035	0.039
8/12/96	1505	30.0	13.1	29.27	21.95	8.0		7.6	87.7		91.0			0.130	0.047	0.054
9/16/96	1313	0.5	14.2	29.40	21.84	8.0	1 U	7.7	90.8	10.1	77.8	3.40	0.36	0.062	0.105	0.039
9/16/96	1315	10.0	13.2	29.64	22.21	7.8		6.0	69.1		92.7	4.40	0.42	0.063	0.017	0.039
9/16/96	1250	30.0	12.9	29.70	22.30	7.6		5.0			86.3			0.297	0.010 U	0.064

CSE001

Lat

47.265

Long (decimal):

-122.847

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/19/95	1540	0.5	14.1	29.59	21.99	8.0	1 U	8.2	95.9	10.4	87.1	4.50	1.40	0.131	0.025	0.063
10/19/95	1545	10.0	13.5	29.87	22.32	7.9		7.1	82.4		87.1	4.00	1.20	0.173	0.044	0.068
10/19/95	1550	30.0	12.9	30.18	22.67	7.8		6.2	70.8		80.2					
11/16/95	1240	0.5	11.6	29.27	22.22	7.8	1 U	7.7	85.8	13.5	89.4	2.30	0.61	0.173	0.029	0.038
11/16/95	1245	10.0	11.6	29.52	22.41	7.7		7.4	82.2		89.8	1.80	0.05 U	0.184	0.032	0.039
11/16/95	1250	30.0	11.6	29.98	22.76	7.7		6.5	73.1		82.8			0.207	0.023	0.039
12/27/95	1215	0.5	9.5	27.77	21.39	7.6	1 U	7.0	73.7	8.4	85.0	0.64	0.32	0.395	0.010 U	0.083
12/27/95	1220	10.0	9.7	27.97	21.52	7.6		6.9	73.1		82.7	0.53	0.23	0.398	0.010 U	0.083
12/27/95	1225	30.0	10.0	28.28	21.71	7.6		6.7	71.4		75.3			0.397	0.010 U	0.083
1/25/96	1320	0.5	7.9	25.79	20.07	7.7	2	8.4	83.8	7.2	83.5	0.70	0.28	0.396	0.010	0.072
1/25/96	1325	9.5	9.1	27.71	21.40	7.7		7.6	79.2		78.3	0.45	0.28	0.417	0.010 U	0.079
1/25/96	1330	30.0	9.3	27.95	21.56	7.7		7.4	78.0		76.2			0.320	0.010 U	0.056
2/26/96	1120	0.5	7.5	25.77	20.10	7.8	1 U	8.3	82.3	9.0	88.7	0.50	0.21	0.402	0.010 U	0.072
2/26/96	1125	10.0	8.0	26.25	20.41	7.7		8.0	80.8		87.6	0.66	0.26	0.409	0.010 U	0.072
2/26/96	1130	30.0	8.4	27.33	21.21	7.7		7.5	76.3		80.1			0.354	0.010 U	0.058
3/20/96	1300	0.5	8.9	26.85	20.76	7.8	1 U	8.6	88.4	11.5	90.0	1.10	0.34	0.373	0.016	0.064
3/20/96	1300	10.0	8.7	26.94	20.86	7.8		8.5	87.8		88.6	2.20	0.80	0.245	0.014	0.040
3/20/96	1305	30.0	8.4	27.16	21.07	7.7		8.0	81.4		84.1			0.360	0.016	0.061
4/30/96	1135	0.5	11.6	25.16	19.02	8.4	1 U	14.5	157.2	2.7	46.0	25.00	3.10	0.010 U	0.010 U	0.010 U
4/30/96	1140	10.0	9.8	27.18	20.88	7.9		11.1	117.2		74.2	20.00	2.10	0.207	0.013	0.040
4/30/96	1145	30.0	9.2	28.04	21.64	7.6		8.9	93.5		81.7			0.273	0.022	0.050
5/29/96	1440	0.5	12.2	27.39	20.66	8.2	1	11.0	122.6	4.0	72.8	16.00	1.70	0.010 U	0.010 U	0.010 U
5/29/96	1445	10.0	11.6	27.49	20.83	8.0		10.4	114.7		73.4	26.00	5.40	0.072	0.011	0.023
5/29/96	1500	30.0	10.2	27.98	21.45	7.7		8.3	89.2		81.2			0.141	0.010 U	0.034
6/17/96	1453	0.5	13.2	27.82	20.80	8.3	1 U	10.8	123.4	3.7	70.0	16.10	2.10	0.010 U	0.010 U	0.023
6/17/96	1455	10.0	12.2	27.93	21.07	8.1		9.5	106.1		75.0	15.80	1.70	0.010 U	0.010 U	0.023
6/17/96	1505	30.0	11.1	28.29	21.54	7.8		7.7	84.5		72.9			0.136	0.048	0.052
7/22/96	1545	0.5	18.0	27.89	19.83	8.3	1 U	9.0	113.5	7.3	79.6	3.00	0.58	0.010 U	0.010 U	0.015
7/22/96	1550	10.0	13.7	28.61	21.31	8.1		9.0	104.2		80.1	8.80	3.60	0.036	0.041	0.032
7/22/96	1555	30.0	12.7	28.88	21.72	8.0		7.8	88.7		87.3			0.109	0.070	0.043
8/12/96	1530	0.5	15.5	28.87	21.14	8.1	1 U	8.4	101.8	9.5	77.3	4.20	0.81	0.051	0.032	0.054
8/12/96	1535	10.0	14.6	28.95	21.40	8.1		8.2	96.7		87.6	5.50	0.85	0.046	0.025	0.050
8/12/96	1540	30.0	13.3	29.18	21.82	7.9		7.2	82.8		75.9			0.097	0.057	0.059
9/16/96	1357	0.5	15.4	29.19	21.42	8.5	1 U	12.7	152.6	1.4	32.0	0.74	0.20	0.022	0.010 U	0.045
9/16/96	1359	10.0	14.6	29.30	21.66	8.1		9.2	108.4		86.2	4.50	0.46	0.045	0.010 U	0.040
9/16/96	1407	30.0	13.9	29.50	21.96	7.9		6.9	80.3		87.6			0.171	0.062	0.060

DIS001

Lat

48.018

Long (decimal):

-122.847

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/7/96	1655	0.5	11.7	31.72	24.10	8.2	1 U	9.1	103.3	7.8	82.2	11.70	0.70	0.106	0.010 U	0.020
10/7/96	1700	10.0	10.9	31.74	24.26	8.0		7.5	83.0		88.7	4.20	0.54	0.165	0.010 U	0.034
10/7/96	1705	30.0	9.9	31.98	24.61	7.6		4.5	49.5		92.9			0.324	0.058	0.076
12/17/96	1440	0.5	7.8	30.82	24.02	7.7	1 U	7.9	81.3	11.5	81.8			0.370	0.011	0.081
12/17/96	1445	10.0	7.8	30.82	24.02	7.7		7.9	81.3		89.2			0.366	0.010 U	0.082
12/17/96	1450	30.0	7.8	30.82	24.02	7.7		7.9	81.2		89.7			0.354	0.010 U	0.081
1/16/97	1400	0.5	7.3	29.89	23.35	7.7	1 U	8.2	83.7	9.8	86.9			0.182	0.071	0.023
1/16/97	1405	10.0	7.7	30.12	23.49	7.7		7.9	81.2		89.6			0.291	0.037	0.044
1/16/97	1425	30.0	7.8	30.31	23.62	7.7		7.3	75.1		71.7			0.251	0.069	0.037
2/6/97	1435	0.5	7.6	30.16	23.53	7.7	1 U	8.1	82.9	13.0	89.1	0.66	0.28	0.339	0.010 U	0.057
2/6/97	1440	10.0	7.6	30.28	23.61	7.7		7.6	77.5		89.3	0.23	0.21	0.350	0.010 U	0.059
2/6/97	1445	30.0	7.6	30.39	23.70	7.7		7.4	75.3		87.3			0.361	0.010 U	0.060
3/12/97	1400	0.5	8.0	30.76	23.95	7.7	1 U	8.6	89.0	8.7	82.2	1.70	0.48	0.341	0.010 U	0.100
3/12/97	1405	10.0	7.9	30.88	24.05	7.7		8.3	86.4		83.1	1.10	0.35	0.343	0.010 U	0.100
3/12/97	1410	30.0	7.8	30.99	24.14	7.7		7.5	77.9		84.7			0.365	0.010 U	0.104
4/1/97	1530	1.0	8.5	29.93	23.22	7.8	1 U	8.1	84.2	5.5	76.6	0.56	0.26	0.273	0.010 U	0.085
4/1/97	1535	10.0	8.1	30.09	23.41	7.8		7.8	80.8		77.7	0.62	0.38	0.268	0.010 U	0.080
4/1/97	1540	30.0	8.0	30.30	23.59	7.7		7.2	74.2		76.1			0.200	0.010 U	0.066
5/6/97	1545	0.5	9.9	30.66	23.57		1 U	9.6	103.8	9.4	87.1	4.80	0.38	0.139	0.041	0.080
5/6/97	1550	10.0	9.7	30.67	23.62			9.4	101.2		87.3	5.40	0.56	0.137	0.029	0.075
5/6/97	1555	30.0	8.7	30.90	23.95			7.1	75.4		83.7			0.251	0.049	0.100
6/5/97	1550	0.5	13.5	30.18	22.56		1 U	14.8	172.2	3.5	57.8	5.20	0.31	0.029	0.011	0.054
6/5/97	1555	10.0	9.9	30.73	23.63			8.8	95.1		82.4	3.60	1.10	0.231	0.053	0.091
6/5/97	1600	30.0	9.6	30.92	23.84			7.2	76.9		88.8			0.261	0.052	0.093
7/2/97	1550	1.0	15.1	29.96	22.06		1 U	11.8	141.6	4.3	64.8	2.60	0.83	0.045	0.010 U	0.047
7/2/97	1615	10.0	11.2	30.58	23.30			7.8	87.2		78.5	3.70	2.30	0.130	0.015	0.075
7/2/97	1620	30.0	10.0	30.33	23.31			5.7	61.6		77.9			0.222	0.072	0.082
8/6/97	1630	0.5	18.0	30.19	21.59		1 U	8.8		4.6	61.2	7.80	0.94	0.031	0.010 U	0.055
8/6/97	1635	10.0	12.3	30.57	23.10			6.7			78.9	4.40	0.58	0.144	0.054	0.075
8/6/97	1640	30.0	10.1	31.33	24.07			4.4			83.4			0.231	0.053	0.081
9/8/97	1525	0.5	15.0	31.12	22.98		1 U	9.9	119.8		68.4	3.90	0.95	0.016	0.010 U	0.048
9/8/97	1530	10.0	11.6	31.35	23.83			7.0	79.0		71.3	13.70	2.20	0.048	0.010 U	0.064
9/8/97	1535	30.0	10.4	31.44	24.10			4.3			86.1					

DNA001

Lat

47.160

Long (decimal):

-122.875

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	0945	0.5	12.1	29.41	22.23	7.9	2	6.5	73.1	4.6	76.5	2.40	0.99	0.235	0.039	0.071
10/24/96	0950	10.0	12.1	29.45	22.26	7.9		6.4	72.3		78.1	1.70	0.88	0.251	0.038	0.079
10/24/96	0955	30.0	12.1	29.44	22.25	7.9		6.5	72.9		78.5			0.265	0.028	0.077
12/10/96	1445	0.5	9.5	28.74	22.15	7.6	1	6.9	72.7		81.5			0.291	0.015	0.059
12/10/96	1447	10.0	9.7	29.10	22.40	7.6		6.7	71.8		82.9			0.392	0.018	0.080
12/10/96	1459	24.5	9.6	29.03	22.35	7.6		6.8	72.4		82.6					
1/27/97	1030	0.5	7.2	26.71	20.87	7.5	1 U	9.2	90.9	5.2	75.1					
1/27/97	1035	10.0	7.4	26.68	20.83	7.5		8.1	80.7		75.6					
1/27/97	1040	30.0	7.6	27.43	21.39	7.5		8.0	80.6		76.3					
2/27/97	1115	0.5	8.0			7.7	1 U	8.2	87.1	5.2	77.5	0.99	0.59	0.409	0.010 U	0.098
2/27/97	1115	10.0	8.0			7.7		8.1	86.7		77.7	2.50	0.76	0.410	0.010 U	0.092
2/27/97	1120	30.0	8.0			7.7		8.0	85.9		77.0			0.418	0.010 U	0.097
3/25/97	1045	0.5	8.4	25.81	20.01		1 U	8.1	82.5	5.5	74.1	1.20	0.39	0.374	0.010 U	0.094
3/25/97	1050	10.0	8.3	26.15	20.29			8.1	81.9		77.1	1.20	0.35	0.296	0.010 U	0.075
3/25/97	1055	30.0	8.2	26.83	20.84			8.0	80.9		77.4			0.388	0.010 U	0.097
4/21/97	1035	0.5	9.3	27.04	20.84		1 U	9.0	93.8	4.6	75.6	4.50	0.81	0.297	0.010 U	0.085
4/21/97	1040	10.0	9.3	26.98	20.80			9.0	93.7		75.7	4.20	1.40	0.273	0.010 U	0.067
4/21/97	1045	30.0	9.1	27.27	21.06			8.9	92.0		75.6					
5/30/97	1445	1.0	12.6	27.20	20.44			9.7	109.1	4.0	65.2	7.90	1.90	0.118	0.023	0.071
5/30/97	1450	10.0	11.6	27.54	20.88			9.3	102.2		71.8	6.30	1.60	0.153	0.036	0.075
5/30/97	1455	30.0	11.4	27.64	20.99			9.3	102.2		71.7			0.163	0.033	0.078
6/24/97	1530	0.5	12.4	27.78	20.91		1 U	8.3	92.6	5.4	73.8	7.50	0.91	0.210	0.043	0.081
6/24/97	1535	10.0	12.3	27.81	20.95			8.7	97.0		73.2	6.20	1.40	0.214	0.043	0.085
6/24/97	1535	30.0	12.3	27.80	20.95			7.1	79.7		73.0			0.207	0.044	0.092
7/21/97	1355	0.5	15.2	27.78	20.36		1 U	7.6	90.1	4.8	69.7	13.80	1.00	0.108	0.019	0.074
7/21/97	1357	10.0	14.3	28.01	20.73			7.4	86.1		69.4	12.40	1.30	0.119	0.024	0.076
7/21/97	1400	27.0	14.2	28.02	20.75			7.4	86.0		69.7			0.123	0.024	0.078
8/27/97	1525	0.5	14.8	28.58	21.07		1 U	7.5	89.1	6.9	74.2	10.00	1.60	0.074	0.022	0.076
8/27/97	1525	10.0	14.2	28.72	21.30			7.8	91.1		76.5	8.70	2.20	0.115	0.031	0.080
8/27/97	1540	30.0	13.5	28.89	21.56			5.8	66.9		75.3			0.152	0.049	0.089
9/24/97	1500	0.5	15.2	28.54	20.95		1 U	6.6	79.1	6.3	69.7	8.70	0.15			
9/24/97	1505	10.0	14.4	28.80	21.33			6.3	73.9		76.5	4.30	0.79			
9/24/97	1510	30.0	13.9	29.02	21.60			6.8	79.0		77.8					

DNA001

Lat

47.160

Long (decimal):

-122.875

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/19/95	1140	0.5	13.5	29.83	22.29	7.9	1 U	7.0	81.2	8.6	82.7	3.70	1.20	0.188	0.031	0.064
10/19/95	1145	10.0	13.3	29.84	22.33	7.8		6.8	78.7		80.4	4.80	0.86	0.204	0.033	0.065
10/19/95	1155	30.0	13.2	29.95	22.44	7.8		6.4	74.0		81.5			0.242	0.036	0.075
11/16/95	0940	0.5	11.6	29.42	22.34	7.7	1 U	7.1	78.6	11.2	86.9	2.10	0.52	0.213	0.035	0.051
11/16/95	0945	10.0	11.6	29.63	22.49	7.7		7.0	78.1		88.4	1.10	0.33	0.277	0.034	0.072
11/16/95	0950	30.0	11.6	29.79	22.62	7.6		6.7	74.9		86.7			0.297	0.028	0.074
12/27/95	0940	1.0	9.8	27.24	20.94	7.6	1	4.3	45.0	6.1	78.2	0.63	0.35	0.289	0.010 U	0.055
12/27/95	0945	10.0	9.8	27.26	20.94	7.6		4.0	42.1		78.7	0.43	0.28	0.396	0.010 U	0.078
12/27/95	0950	30.0	10.0	27.24	20.90	7.6		3.5	37.6		77.1			0.398	0.010 U	0.080
1/25/96	1045	0.5	8.8	27.20	21.04	7.6	1 U	7.7	79.8	5.3	74.8	0.42	0.41	0.356	0.010 U	0.061
1/25/96	1050	10.0	8.9	27.26	21.09	7.6		7.7	80.0		74.4	0.51	0.43	0.418	0.010 U	0.076
1/25/96	1055	30.0	8.9	27.33	21.14	7.7		7.8	80.2		74.6			0.311	0.010 U	0.053
2/26/96	1035	0.5	7.6	25.88	20.18	7.7	1 U	8.2	81.5	7.1	83.6	0.75	0.24	0.388	0.010 U	0.062
2/26/96	1040	10.0	8.1	26.65	20.71	7.7		7.7	78.2		79.1	0.39	0.35	0.392	0.010 U	0.063
2/26/96	1045	30.0	8.4	27.38	21.25	7.7		7.4	75.6		73.9			0.419	0.010 U	0.072
3/20/96	0950	0.5	8.7	26.78	20.72	7.8	1	8.1	83.7	4.7	71.7	1.10	0.55	0.338	0.017	0.053
3/20/96	0955	10.0	8.7	26.78	20.73	7.8		8.1	83.7		71.9	2.10	1.10	0.351	0.014	0.054
3/20/96	1000	30.0	8.7	26.74	20.69	7.8		8.2	84.5		71.3			0.378	0.014	0.062
4/30/96	0835	0.5	9.6	27.39	21.08	7.7	1	8.7	91.5	5.1	78.0	5.60	1.60	0.289	0.032	0.054
4/30/96	0835	10.0	9.5	27.60	21.27	7.6		8.5	89.3		78.5	5.10	1.50	0.197	0.010	0.026
4/30/96	0840	30.0	9.5	27.56	21.23	7.6		8.5	89.3		77.7			0.283	0.021	0.054
5/29/96	1005	0.5	11.9	27.12	20.50	8.0	2	10.0	110.3	3.0	62.2	20.00	0.98	0.049	0.011	0.015
5/29/96	1005	10.0	11.5	27.32	20.72	7.9		9.6	105.3		67.1	17.00	1.40	0.087	0.011	0.016
5/29/96	1015	25.5	11.1	27.52	20.93	7.8		9.2	100.7		69.7					
6/17/96	1115	0.5	13.5	27.60	20.57	8.1	1 U	9.1	103.8	5.0	69.4	8.00	1.90	0.059	0.010 U	0.039
6/17/96	1117	10.0	12.9	27.84	20.86	8.0		8.9	100.4		72.1	9.20	2.60	0.047	0.010 U	0.035
6/17/96	1126	30.0	13.0	27.80	20.83	8.0		8.9	101.3		73.4			0.072	0.013	0.043
7/22/96	1115	0.5	15.5	28.40	20.79	8.1	1 U	9.0	107.5	7.1	81.3	4.90	1.40	0.010 U	0.010 U	0.030
7/22/96	1129	10.0	14.4	28.56	21.13	8.1		8.9	104.5		80.1	8.30	1.70	0.016	0.011	0.024
7/22/96	1125	30.0	12.8	28.90	21.72	8.0		7.9	90.4		83.0			0.085	0.052	0.033
8/12/96	1130	0.5	15.0	28.96	21.33	8.1	1 U	8.1	96.4	7.9	82.3	3.10	1.20	0.084	0.044	0.055
8/12/96	1135	10.0	14.6	29.01	21.43	8.0		7.9	93.6		81.7	3.50	1.30	0.086	0.042	0.057
8/12/96	1140	30.0	14.5	29.02	21.47	8.0		7.8	91.7		81.8			0.083	0.044	0.049
9/16/96	0955	0.5	14.3	29.35	21.76	7.8	1 U	7.5	88.3	6.7	76.5	7.50	2.70	0.105	0.010 U	0.054
9/16/96	1000	10.0	14.2	29.41	21.84	7.9		7.4	86.5		77.4	10.30	0.63	0.111	0.010 U	0.054
9/16/96	1005	30.0	14.0	29.46	21.91	7.9		7.1	83.3		76.8			0.150	0.010 U	0.057

DRA002

Lat (decimal):

48.983

Long (decimal):

-122.762

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/7/96	1255	0.5	12.1	28.68	21.67	7.9	1	7.3		6.1	82.9	2.30	1.10	0.162	0.013	0.032
10/7/96	1300	10.0	11.7	28.94	21.95	7.8		6.8			72.5	1.60	1.40	0.212	0.030	0.046
11/20/96	1150	0.5	7.2	29.69	23.22	7.8	7	7.5		4.3	67.4	1.00	0.82	0.397	0.028	0.078
11/20/96	1155	10.0	7.2	29.70	23.22	7.8		7.5			67.3	1.10	1.10	0.402	0.022	0.080
12/17/96	1118	0.5	6.8	28.95	22.68	7.6	12	7.8		3.3	70.1			0.441	0.043	0.092
12/17/96	1124	3.0	7.1	29.55	23.12	7.6		7.7			71.6			0.446	0.029	0.093
1/16/97	1030	0.5	5.0	28.74	22.71	7.6	7	8.8	83.6	3.8	66.7			0.444	0.097	0.068
1/16/97	1035	10.0	6.5	29.60	23.23	7.6		8.2	81.0		71.0			0.405	0.058	0.067
2/6/97	1130	0.5	6.2	28.50	22.41	7.6	20	8.8	86.1	3.9	71.7	0.88	0.72	0.439	0.026	0.058
2/6/97	1135	7.5	6.7	28.95	22.70	7.6		8.5	84.3		69.3	0.52	0.76	0.398	0.022	0.060
3/12/97	1130	0.5	6.9	26.84	21.01	7.8	12	9.5	93.4	4.0	70.5	0.94	0.53	0.371	0.027	0.096
3/12/97	1135	10.0	7.5	29.31	22.88	7.7		8.4	85.7		65.6	0.92	0.59	0.369	0.016	0.101
4/1/97	1125	0.5	8.1	28.07	21.82	7.9	1 U	7.1	72.2	4.2	63.6	2.90	0.59	0.149	0.010 U	0.048
4/1/97	1135	10.0	8.0	28.33	22.05	7.9		6.5	66.3		78.8	4.50	0.05	0.243	0.010 U	0.074
5/6/97	1155	0.5	11.5	26.02	19.71		48	9.6	104.0	3.3	61.6			0.041	0.022	0.055
5/6/97	1205	10.0	10.6	27.69	21.16			9.4	101.1		55.3	10.30	2.50	0.020	0.021	0.045
6/5/97	1150	0.5	14.3	26.57	19.65		4	9.5	109.8	2.4	54.2	12.00	1.70	0.045	0.017	0.063
6/5/97	1155	10.0	12.9	27.47	20.59			10.4	117.3		40.5	2.90	0.33	0.043	0.012	0.063
7/2/97	1125	0.5	17.2	19.75	13.80		1	10.0		2.6	53.2	6.40	1.10	0.033	0.010 U	0.022
7/2/97	1130	9.0	14.3	24.43	17.99			9.1			39.8	14.30	8.20	0.069	0.026	0.057
8/6/97	1100	0.5	19.9	23.72	16.21		1 U	8.6	109.7	3.2	49.5	8.00	0.45	0.017	0.013	0.050
8/6/97	1105	10.0	15.2	25.66	18.74			7.0	81.7		55.1	11.00	1.40	0.029	0.010 U	0.059
9/8/97	1145	0.5	16.6	24.39	17.47		1 U	10.2	122.7	2.8	45.8	7.00	3.00	0.016	0.010 U	0.051
9/8/97	1150	10.0	12.6	27.84	20.92			5.7	64.7		70.3	3.20	0.94	0.191	0.047	0.093

EAS001

Lat

48.643

Long (decimal):

-122.882

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1615	0.5	12.4	30.38	22.93	8.2		9.5	107.8	5.5	75.8	12.50	2.30	0.064	0.010	0.031
10/12/95	1620	10.0	11.1	30.62	23.36	7.8		6.8	75.5		86.8	8.80	1.40	0.211	0.048	0.055
10/12/95	1625	30.0	10.5	30.75	23.55	7.7		5.7	62.9		71.9					
11/1/95	1120	0.5	9.9	30.64	23.56	8.0	1 U	8.5	92.1	10.0	84.2	6.80	1.80	0.113	0.027	0.034
11/1/95	1125	10.0	9.8	30.64	23.58	7.9		8.3	89.5		82.1	6.40	1.30	0.141	0.021	0.039
11/1/95	1130	30.0	9.7	30.64	23.60	7.8		7.7	83.1		80.5			0.279	0.021	0.064
12/19/95	1125	0.5	8.3	29.59	22.99	7.6	1 U	8.3	85.6	10.9	87.2	1.10	0.45	0.291	0.010 U	0.049
12/19/95	1130	10.0	8.2	29.61	23.02	7.6		8.3	86.1		87.5	1.00	0.57	0.325	0.010 U	0.057
12/19/95	1145	30.0	8.2	29.61	23.03	7.6		8.4	86.7		87.0			0.311	0.010 U	0.052
3/6/96	1230	0.5	7.2	29.29	22.89	7.9	1 U	8.8	89.2	8.6	83.0	1.90	0.55	0.212	0.010 U	0.026
3/6/96	1230	10.0	6.7	29.32	22.99	7.9		9.2	91.3		81.9	4.30	0.80	0.317	0.010 U	0.044
3/6/96	1235	30.0	6.7	29.33	23.00	7.9		9.0	89.8		81.2			0.193	0.010 U	0.022
4/10/96	1235	0.5	9.5	29.33	22.61	8.4	1 U	13.4	142.5	3.1	53.8	24.20	2.00	0.010 U	0.010 U	0.010 U
4/10/96	1240	10.0	8.1	29.74	23.13	7.7		8.2	84.8		90.6	2.60	1.10	0.255	0.055	0.041
4/10/96	1245	30.0	8.4	29.94	23.25	7.8		7.5	77.9		60.0			0.206	0.039	0.028
5/9/96	1245	0.5	11.9	29.16	22.08	8.3	1 U	14.4	161.3	2.8	14.1	30.80	5.10	0.010 U	0.010 U	0.010 U
5/9/96	1250	10.0	10.5	29.27	22.40	8.1		12.4	134.4		64.5	31.20	4.80	0.010 U	0.010 U	0.012
5/9/96	1255	30.0	9.4	29.81	23.00	7.5		6.2	66.1		58.2			0.097	0.211	0.041
6/11/96	1140	0.5	13.9	28.96	21.54	8.3	1 U	9.3	108.8	5.7	78.8	2.70	0.41	0.010 U	0.010 U	0.010 U
6/11/96	1145	10.0	10.1	29.74	22.83	7.7		7.1	76.2		76.8	13.10	2.70	0.152	0.018	0.035
6/11/96	1150	30.0	10.1	29.96	23.01	7.6		5.9	63.7		46.4			0.168	0.041	0.048
7/10/96	1130	0.5	14.2	29.31	21.75	8.3		9.7	113.8	4.7	66.1	12.00	2.70	0.010 U	0.010 U	0.011
7/10/96	1135	10.0	13.2	29.36	21.99	8.2		8.7	100.1		71.2	12.60	3.70	0.081	0.022	0.025
7/10/96	1140	30.0	10.3	30.12	23.09	7.7		4.8	52.6		67.3			0.211	0.062	0.056
8/6/96	1500	0.5					1 U			4.0		13.70	3.90	0.023	0.010 U	0.034
8/6/96	1505	10.0												0.225	0.055	0.065
8/6/96	1510	30.0												0.248	0.074	0.071
9/11/96	1335	0.5	13.9	29.87	22.25	8.2	1 U	8.5	99.8	8.2	81.2	4.70	0.38	0.070	0.010 U	0.030
9/11/96	1335	10.0	11.1	30.28	23.08	7.8		6.0	66.3		86.6	1.30	0.65	0.293	0.015	0.061
9/11/96	1340	30.0	10.8	30.51	23.32	7.7		5.2	57.1		56.5			0.312	0.010 U	0.064

ELB015

Lat

47.591

Long (decimal):

-122.368

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1415	1.0	13.1	27.40	20.49	8.0	5	8.2	93.1	6.7	78.3	4.90	1.30	0.213		0.050
10/18/95	1420	10.0	12.6	30.12	22.68	7.9		7.7	87.6		82.2	12.00	3.10	0.196		0.047
10/18/95	1430	30.0	12.3	30.55	23.08	7.7		5.7	64.5		91.1			0.298		0.062
11/14/95	1005	0.5	11.2	27.40	20.82	7.7	14 S	7.2	78.6	1.5	57.4	0.68	0.40	0.329	0.010 U	0.050
11/14/95	1010	10.0	11.4	29.87	22.72	7.7		6.9	77.2		86.6					
11/14/95	1025	30.0	11.5	30.24	22.99	7.6		6.4	71.4		90.1					
12/20/95	1325	0.5	9.7	23.84	18.30	7.5	55	7.7	78.9	6.2	67.6	0.36	0.24	0.428	0.012	0.064
12/20/95	1330	10.0	10.2	28.72	22.02	7.5		7.1	76.4		87.2	0.20	0.20	0.349	0.010 U	0.062
12/20/95	1335	30.0	10.3	28.93	22.17	7.5		6.9	74.2		87.5			0.305	0.010 U	0.054
1/8/96	1405	0.5	9.4	25.10	19.32	7.8	100 S	8.0	82.6	2.9	54.4	0.50	0.47	0.333	0.010 U	0.045
1/8/96	1410	10.0	9.8	28.45	21.87	7.8		7.7	81.8		86.5	0.22	0.20	0.266	0.010 U	0.040
1/8/96	1415	30.0	10.0	28.75	22.08	7.7		7.3	78.5		90.1			0.346	0.010 U	0.059
2/21/96	1350	0.5	8.4	25.39	19.68		33 S	7.9	80.2	3.6	48.0	0.78	0.39	0.258	0.010 U	0.032
2/21/96	1355	10.0	8.5	27.73	21.50			7.7	78.8		82.7	0.27	0.16	0.254	0.010 U	0.038
2/21/96	1400	30.0	8.6	27.94	21.66			7.5	77.7		83.3			0.291	0.012	0.043
3/25/96	1435	0.5	8.7	24.63	19.05	7.8	10	8.3	84.2	4.0	64.9	0.73	0.40	0.312	0.024	0.032
3/25/96	1440	10.0	8.5	28.18	21.85	7.8		8.0	82.4		90.1	1.40	0.35	0.266	0.010 U	0.042
3/25/96	1445	30.0	8.5	28.26	21.92	7.8		7.8	80.7		89.7			0.366	0.010 U	0.060
5/8/96	1405	0.5	10.6	25.53	19.48	7.7	1 U	7.9	83.9	7.6	76.4	1.30	0.30	0.149	0.016	0.025
5/8/96	1410	10.0	9.6	28.15	21.66	7.8		8.0	85.1		87.4	1.70	0.80	0.134	0.012	0.025
5/8/96	1420	30.0	9.5	28.28	21.79	7.7		7.8	81.9		87.8			0.218	0.014	0.040
6/3/96	1000	0.5	11.5	25.56	19.36	7.7	8	8.5	92.1	5.0	69.4	4.70	1.10	0.160	0.024	0.035
6/3/96	1005	10.0	10.4	28.43	21.76	7.7		8.4	90.2		83.7	7.40	1.50	0.122	0.015	0.030
6/3/96	1015	30.0	10.1	28.55	21.91	7.7		7.8	83.6		87.8			0.223	0.025	0.055
7/1/96	1420	0.5	13.8	26.02	19.30	7.9	3	7.8	89.6	5.9	67.3	1.50	0.30	0.136	0.010 U	0.023
7/1/96	1425	10.0	11.3	28.85	21.95	8.0		8.2	89.9		86.0	6.30	1.20	0.149	0.010 U	0.037
7/1/96	1430	30.0	11.0	28.96	22.07	7.9		7.7	84.1		90.5			0.159	0.010 U	0.035
8/5/96	1440	0.5	13.8	28.68	21.35	7.9	1 U	7.7	88.9	12.1	83.4	1.00	0.61	0.149	0.049	0.044
8/5/96	1445	10.0	12.7	29.42	22.13	7.9		7.9	89.7		90.3	1.30	0.62	0.199	0.060	0.059
8/5/96	1450	30.0	12.5	29.44	22.19	7.9		7.5	85.6		92.8			0.167	0.053	0.047
9/9/96	1540	0.5	14.5	29.46	21.81	7.8	1 U	8.1	95.4	8.0	84.8	5.10	0.68	0.204	0.010 U	0.048
9/9/96	1545	10.0	13.0	29.87	22.42	7.7		6.9	79.1		88.6	1.00	0.49	0.265	0.010 U	0.057
9/9/96	1555	30.0	12.2	30.06	22.71	7.6		5.7	64.1		87.6			0.321	0.010 U	0.066

ELB015

Lat

47.591

Long (decimal):

-122.368

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1601	0.5	12.9	29.61	22.24		1 U	6.9	79.4	11.1	89.3	1.60	0.32	0.260	0.010 U	0.045
10/1/96	1605	10.0	12.4	30.16	22.76			6.3	71.4		92.4	1.10	0.37	0.271	0.010 U	0.057
10/1/96	1616	30.0	12.3	30.25	22.85			5.9	66.8		94.2			0.289	0.010 U	0.058
12/11/96	1341	0.5	9.6	28.39	21.85	7.6	49	6.6	69.9	8.2	77.0					
12/11/96	1344	10.0	9.7	29.90	23.01	7.6		6.4	68.8		88.6					
12/11/96	1400	30.0	9.7	29.92	23.03	7.6		6.4	69.0		88.2					
1/21/97	1530	0.5	8.2	25.23	19.59	7.5	96 S	7.8	78.2	3.0	62.1					
1/21/97	1535	10.0	8.4	28.53	22.15	7.5		7.5	77.6		86.5					
1/21/97	1550	30.0	8.4	28.71	22.29	7.5		7.4	76.0		87.5					
2/20/97	1505	0.5	8.3	26.24	20.37	7.6	5	9.0	91.5	7.5	73.3	1.80	0.54	0.419	0.010 U	0.092
2/20/97	1510	10.0	8.0	27.92	21.72	7.6		8.8	89.9		88.3	1.40	0.35	0.427	0.010 U	0.101
2/20/97	1522	30.0	8.1	28.41	22.10	7.6		8.3	84.6		87.9			0.441	0.010 U	0.069
3/27/97	1510	0.5	8.5	27.24	21.12	7.7	1 U	8.0	81.7	7.8	85.2	1.10	0.31	0.368	0.010 U	0.086
3/27/97	1515	10.0	8.4	27.48	21.33	7.7		7.9	81.0		85.6	1.10	0.37	0.363	0.010 U	0.086
3/27/97	1525	30.0	8.2	27.95	21.72	7.6		7.7	78.5		86.0			0.375	0.010 U	0.089
4/14/97	1700	0.5	8.7	25.50	19.73	7.8		9.9	100.6	5.1	71.4	3.70	0.86	0.364	0.010 U	0.095
4/14/97	1705	10.0	8.3	28.05	21.77	7.7		8.8	90.1		86.3	4.60	0.83	0.352	0.010 U	0.106
4/14/97	1715	30.0	8.3	28.15	21.86	7.7		8.6	87.8		86.9			0.387	0.010 U	0.108
5/14/97	1520	1.0	12.3	22.34	16.72		1	13.5	146.4	2.9	54.3	39.50	0.05 U	0.040	0.016	0.062
5/14/97	1525	10.0	9.8	27.94	21.48			10.0	106.0		77.1	15.90	0.15	0.259	0.034	0.087
5/14/97	1540	30.0	9.2	28.28	21.83			8.6	90.2		88.6			0.355	0.032	0.100
6/10/97	1515	0.5					8			3.7		5.10	0.43	0.243	0.010 U	0.065
6/10/97	1520	10.0										13.20	0.35	0.216	0.010 U	0.083
6/10/97	1525	30.0												0.306	0.010 U	0.086
7/7/97	1510	0.5	14.0	22.68	16.69		42	8.4	94.3	4.6	68.2	5.90	1.20	0.167	0.026	0.085
7/7/97	1515	10.0	12.0	28.10	21.23			8.5	94.8		82.5	6.30	1.10	0.132	0.017	0.084
7/7/97	1525	30.0	11.3	28.46	21.63			7.6	83.3		87.4			0.228	0.032	0.111
8/11/97	1635	0.5	16.4	25.02	18.00		1 U	6.4	76.1		66.6	2.60	0.85	0.323	0.010	0.119
8/11/97	1640	10.0	12.9	28.83	21.63			6.2	71.2		84.0	2.20	0.40	0.245	0.010 U	0.108
8/11/97	1650	30.0	12.4	28.94	21.81			5.5	62.6		87.6			0.251	0.010 U	0.105
9/22/97	1535	0.5	14.4	24.15	17.75		9	5.5	63.4	9.4	70.4	1.40	0.05 U	0.266	0.017	0.073
9/22/97	1540	10.0	12.7	29.60	22.27			5.7	64.7		83.2	4.10	1.00	0.263	0.010 U	0.078
9/22/97	1540	30.0	12.6	29.66	22.34			5.2	59.5		85.8			0.287	0.010 U	0.079

ELD001

Lat

47.106

Long (decimal):

-122.949

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/19/95	1110	0.5	13.6	29.54	22.06	7.9	1 U	7.7	89.0	5.3	73.9	8.00	1.90	0.157	0.038	0.063
10/19/95	1115	10.0	13.6	29.63	22.13	7.8		6.5	76.1		71.8	8.90	1.80	0.162	0.058	0.066
11/16/95	1405	0.5	11.7	27.83	21.08	7.7	1 U	7.6	84.1	7.2	79.2	1.30	0.65	0.269	0.070	0.076
11/16/95	1410	10.0	11.4	29.18	22.17	7.6		6.6	73.2		67.8	3.30	1.00	0.245	0.088	0.076
12/27/95	1320	0.5	8.4	26.24	20.35	7.6	1 U	7.3	73.8	4.3	71.9	1.70	0.50	0.390	0.046	0.079
12/27/95	1325	10.0	9.5	27.23	20.97	7.5		6.8	70.9		68.7	1.40	0.57	0.398	0.016	0.080
1/25/96	1440	0.5	7.4	24.10	18.80	7.7	1 U	8.8	86.4	5.0	69.3	0.59	0.34	0.241	0.039	0.035
1/25/96	1445	10.0	8.8	26.75	20.69	7.6		7.8	79.8		69.8	2.20	0.68	0.277	0.025	0.043
2/26/96	1610	0.5	7.3	22.15	17.28	7.8	1 U	8.9	86.2	3.8	72.4	0.76	0.40	0.368	0.048	0.053
2/26/96	1615	9.0	8.2	26.00	20.19	7.7		7.7	77.9		68.0	0.95	0.48	0.421	0.014	0.070
3/20/96	1435	0.5	9.2	25.97	20.02	7.9	1 U	9.5	98.6	4.4	69.8	2.60	0.70	0.296	0.013	0.049
3/20/96	1440	10.0	8.9	26.58	20.55	7.8		8.7	89.5		56.6	4.90	2.10	0.254	0.018	0.040
4/30/96	1315	0.5	12.3	25.04	18.82	8.0	1 U	11.6	127.7	4.2	72.0	4.20	1.30	0.122	0.010 U	0.021
4/30/96	1320	10.0	9.8	26.96	20.71	7.8		9.6	100.8		76.3	9.80	2.00	0.167	0.018	0.023
5/29/96	1640	0.5	12.3	27.04	20.35	8.2	1 U	12.0	133.6	2.5	50.1			0.010 U	0.010 U	0.010 U
5/29/96	1640	10.0	11.3	27.44	20.85	7.9		9.9	108.1		57.3	14.00	2.30	0.078	0.010 U	0.021
6/17/96	1621	0.5	13.9	27.55	20.45	8.1	1	9.7	112.2	2.9	55.1	9.30	3.30	0.010 U	0.010 U	0.033
6/17/96	1623	10.0	13.0	27.87	20.88	8.1		9.4	107.1		67.6	8.90	2.60	0.010 U	0.010 U	0.032
7/22/96	1715	0.5	18.7	28.09	19.86	8.2	1 U	9.8	125.4	6.1	74.0	2.00	0.68	0.010 U	0.010 U	0.032
7/22/96	1720	10.0	14.3	28.50	21.11	8.0		8.6	100.3		71.1	3.80	1.80	0.021	0.039	0.042
8/12/96	1650	0.5	18.3	28.63	20.33	8.4	1 U	10.6	134.4	3.4	81.6	7.40	0.64	0.010 U	0.010 U	0.042
8/12/96	1655	10.0	15.7	28.86	21.08	8.3		10.5	126.5		37.9	48.70	3.10	0.010 U	0.011	0.039
9/16/96	1517	0.5	16.0	28.99	21.13	8.2	2	10.8	130.8	1.9	64.7	53.70	0.74	0.037	0.010 U	0.057
9/16/96	1519	10.0	14.8	29.26	21.59	7.9		7.9	93.7		60.2	20.50	0.05 U	0.023	0.010 U	0.042

FID001

Lat

48.513

Long (decimal):

-122.594

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1050	0.5	11.9	28.51	21.57	7.9	1	7.0	77.5	5.4	72.2	1.90	0.96	0.215	0.011	0.044
10/7/96	1055	7.5	10.8	29.80	22.76	7.7		5.8	63.9		75.2	3.00	3.90	0.286	0.012	0.059
12/17/96	1300	0.5	7.5	29.80	23.27	7.6	1 U	7.9	80.3	2.7	61.9			0.430	0.015	0.093
12/17/96	1307	10.0	7.7	29.99	23.38	7.6		7.7	78.4		62.0			0.423	0.011	0.092
1/16/97	1210	0.5	6.9	29.41	23.04	7.6	5	8.2	81.5	4.5	74.2			0.259	0.035	0.043
1/16/97	1215	10.0	6.8	29.41	23.03	7.6		8.2	81.6		73.2			0.302	0.021	0.044
2/6/97	1300	0.5	6.9	28.98	22.70	7.6	1	8.3	82.8	4.6	72.1	0.40	0.26	0.390	0.025	0.059
2/6/97	1305	10.0	7.0	29.25	22.89	7.6		8.0	80.2		69.8	0.24	0.42	0.397	0.010 U	0.061
3/12/97	1220	0.5	7.6	29.41	22.95	7.8	1	9.3	94.3	3.8	68.3	0.77	0.56	0.339	0.015	0.100
3/12/97	1225	10.0	7.6	29.76	23.22	7.7		8.5	86.9		68.9	0.46	0.63	0.382	0.010 U	0.102
4/1/97	1325	0.5	8.3	28.89	22.43	7.8	1	7.9	81.6	4.4	68.9	0.58	0.36	0.300	0.010 U	0.082
4/1/97	1330	9.0	8.0	28.92	22.50	7.8		7.8	79.6		65.1			0.282	0.010 U	0.072
5/6/97	1405	0.5	9.6	29.44	22.68		1 U	8.5	90.8	3.7	66.3	1.80	1.00	0.236	0.029	0.098
5/6/97	1410	7.0	9.0	29.49	22.80			8.2	86.8		69.4	1.00	1.10	0.257	0.027	0.093
6/5/97	1340	0.5	10.9	29.41	22.45		1 U	7.9	86.0	4.0	61.8	4.80	1.10	0.270	0.029	0.091
6/5/97	1345	7.0	9.7	29.59	22.77			7.2	77.0		63.6	2.80	1.40	0.258	0.035	0.084
7/2/97	1257	0.5	12.8	27.72	20.80		1 U	6.3	70.8	4.0	65.2	2.90	1.40	0.195	0.022	0.070
7/2/97	1305	7.0	11.4	28.57	21.71			7.2	79.2		49.2	4.10	1.70	0.223	0.022	0.079
8/6/97	1340	0.5	15.6	28.77	21.03		1 U	6.7		3.1	36.5	9.40	1.20	0.122	0.010 U	0.071
8/6/97	1345	8.5	11.5	29.22	22.18			5.3			68.2	2.60	0.53	0.290	0.010 U	0.086
9/8/97	1320	0.5	14.2	28.52	21.14		1 U	8.6	101.1	3.1	51.7	7.80	1.50	0.104	0.010 U	0.075
9/8/97	1330	10.0	12.3	29.11	21.97			6.4	72.4		70.6	3.00	1.20	0.132	0.010 U	0.057

FRI001

Lat (decimal):

48.538

Long (decimal):

-123.012

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1535	0.5	11.0	29.96	22.84	7.8	1 U	5.6	61.4	11.6	88.5	0.77	0.52	0.321	0.010 U	0.056
10/7/96	1540	10.0	10.2	30.48	23.39	7.7		5.1	55.5		87.2	0.58	0.56	0.332	0.010 U	0.060
10/7/96	1620	18.0	10.0	30.68	23.57	7.7		4.9	53.1		82.8			0.330	0.010 U	0.056
12/17/96	1350	0.5	7.9	30.35	23.64	7.6	1 U	7.5	77.1	8.0	85.1			0.416	0.010 U	0.089
12/17/96	1355	10.0	7.9	30.35	23.64	7.6		7.5	77.3		84.9			0.424	0.010 U	0.090
12/17/96	1400	18.0	7.9	30.35	23.64	7.6		7.5	77.7		84.7					
1/16/97	1310	0.5	7.0	29.34	22.97	7.6	1 U	8.1	81.3	8.8	84.7			0.289	0.026	0.043
1/16/97	1315	10.0	7.3	29.76	23.26	7.6		7.9	80.1		83.8			0.332	0.010 U	0.051
1/16/97	1320	19.0	7.3	29.76	23.26	7.6		7.9	80.4		83.5			0.263	0.042	0.038
2/6/97	1350	0.5	7.3	29.87	23.34	7.7	1 U	7.8	79.3	7.8	69.5	0.39	0.30	0.375	0.018	0.064
2/6/97	1355	10.0	7.3	29.88	23.35	7.6		7.7	78.4		77.7	0.36	0.41	0.371	0.021	0.066
2/6/97	1400	19.5	7.3	29.88	23.35	7.6		7.7	78.4		79.0			0.379	0.010 U	0.065
3/12/97	1310	0.5	7.8	30.40	23.68	7.7	1	8.1	83.6	7.3	82.4			0.316	0.010 U	0.085
3/12/97	1315	10.0	7.7	30.40	23.70	7.7		8.1	82.9		81.9	0.45	0.44	0.381	0.010 U	0.101
3/12/97	1320	15.5	7.7	30.40	23.70	7.7		8.1	83.1		81.2			0.385	0.010 U	0.102
4/1/97	1430	0.5	8.3	29.79	23.14	7.8	1 U	8.0	83.5	8.0	82.6	0.51	0.25	0.271	0.010 U	0.082
4/1/97	1435	10.0	7.8	29.82	23.23	7.7		8.0	81.6		81.3	0.53	0.37	0.303	0.010 U	0.077
4/1/97	1440	12.5	7.8	29.82	23.23	7.7		8.0	81.8		81.1			0.295	0.010 U	0.087
5/6/97	1500	0.5	8.8	30.16	23.36		1 U	7.8	81.8	6.8	84.2	0.47	0.38	0.294	0.022	0.096
5/6/97	1505	10.0	8.9	30.18	23.37			7.9	83.1		81.9	0.43	0.39	0.204	0.014	0.074
5/6/97	1520	11.5	8.9	30.19	23.37			7.9	83.7		81.5			0.227	0.019	0.082
6/5/97	1445	0.5	10.0	30.06	23.09		1	7.3	79.1	9.3	82.6	2.90	0.86	0.299	0.021	0.091
6/5/97	1450	10.0	9.6	30.10	23.18			7.1	76.6		80.0	3.00	1.20	0.307	0.023	0.092
6/5/97	1450	12.0	9.6	30.10	23.19			7.2	76.7		76.7					
7/2/97	1444	0.5	10.8	29.53	22.55		1 U	6.6	72.6	7.8	79.5	1.80	0.86	0.314	0.012	0.088
7/2/97	1452	10.0	10.3	29.76	22.82			6.3	68.6		79.6	1.30	0.89	0.282	0.010 U	0.078
7/2/97	1455	16.5	10.1	29.90	22.96			6.1	65.8		76.3			0.243	0.010 U	0.058
8/6/97	1435	0.5	10.9	29.72	22.68		1 U	4.7		10.0	81.3	2.70	0.27	0.302	0.010 U	0.086
8/6/97	1437	10.0	10.8	29.92	22.86			4.6			80.7	2.60	0.53	0.296	0.010 U	0.088
8/6/97	1440	12.5	10.6	30.10	23.02			4.5			80.3					
9/8/97	1445	0.5	11.5	29.60	22.49		1 U	5.9	65.7	10.4	63.6	2.60	0.63	0.263	0.014	0.075
9/8/97	1445	10.0	11.2	29.79	22.70			5.5	60.8		82.2	1.40	0.73	0.237	0.014	0.065
9/8/97	1450	14.0	11.1	29.85	22.74			5.5	60.2		81.9			0.317	0.018	0.094

FSH001

Lat (decimal):

48.510

Long (decimal):

-122.917

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1610	0.5	11.7	30.06	22.82	7.9	1 U	6.3	71.0	5.0	78.7	3.00	1.10	0.233	0.016	0.052
10/7/96	1620	5.5	11.1	30.18	23.00	7.9		6.4	71.2		67.5	4.10	1.80	0.260	0.015	0.056
12/17/96	1330	0.5	7.3	30.34	23.72	7.6	1 U	7.8	79.6	5.0	85.3			0.406	0.019	0.088
12/17/96	1335	5.0	6.0	30.48	23.99	7.7		8.7	85.9		76.1			0.408	0.027	0.095
1/16/97	1245	0.5	6.3	29.75	23.37	7.7	1	8.4	83.2	6.0	83.0			0.335	0.037	0.057
1/16/97	1250	5.0	5.6	29.87	23.55	7.7		8.6	83.6		76.6			0.304	0.050	0.057
2/6/97	1335	0.5	6.9	29.83	23.36	7.7	1 U	8.3	83.2	4.5	84.7	0.27	0.31	0.366	0.016	0.066
2/6/97	1340	5.0	7.0	29.89	23.40	7.7		8.2	82.2		84.3	0.32	0.31	0.372	0.010 U	0.066
3/12/97	1250	0.5	7.9	30.25	23.56	7.9	1 U	9.4	96.7	3.5	73.5	0.98	0.54	0.282	0.027	0.096
3/12/97	1255	3.5	7.9	30.27	23.58	7.9		9.4	96.9		74.8	0.81	0.59	0.271	0.027	0.096
4/1/97	1405	0.5	8.7	29.78	23.08	7.8	1 U	8.5	89.2	4.7	75.5	0.70	0.36	0.236	0.010 U	0.079
4/1/97	1410	5.0	8.3	29.80	23.15	7.9		8.8	91.3		73.2	1.30	0.31	0.207	0.010 U	0.076
5/6/97	1435	0.5	11.1	30.08	22.93		1 U	9.7	107.7	2.8	49.8	8.50	1.50	0.161	0.011	0.087
5/6/97	1440	4.0	9.9	30.11	23.15			9.8	105.2		53.8	4.60	2.50	0.209	0.010 U	0.092
6/5/97	1410	0.5	13.3	30.06	22.51		1 U	13.7	158.7	0.9	4.9	21.50	10.30	0.039	0.010 U	0.065
6/5/97	1415	3.5	11.8	30.40	23.05			10.8	121.6		7.1	8.10	5.10	0.132	0.012	0.078
7/2/97	1325	0.5	13.9	29.49	21.96		1 U	7.8	90.9	3.9	52.4	3.70	1.70	0.212	0.017	0.080
7/2/97	1325	4.5	11.5	29.60	22.48			7.7	86.1		68.8	3.10	1.70	0.244	0.019	0.078
8/6/97	1410	0.5	15.3	29.49	21.66		1 U	10.7		2.8	58.8	11.90	3.00	0.035	0.010 U	0.051
8/6/97	1415	4.0	12.4	29.64	22.37			7.3			52.6	25.90	1.80	0.136	0.010 U	0.065
9/8/97	1350	0.5	14.3	29.78	22.11		1 U	12.2	143.8	2.1	33.6	23.60	5.40	0.030	0.010 U	0.058
9/8/97	1355	5.0	11.6	30.02	22.79			7.6	84.6		61.8	11.30	3.70	0.136	0.010 U	0.061

GOR001

Lat (decimal):

47.183

Long (decimal):

-122.633

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1115	0.5	11.9	29.63	22.45	7.9	3	6.0	67.8	4.0	78.9	0.88	0.48	0.321	0.010 U	0.071
10/24/96	1120	10.0	12.0	29.93	22.66	7.9		5.9	66.3		83.3	0.84	0.46	0.437	0.013	0.096
10/24/96	1130	30.0	12.0	30.02	22.72	7.9		5.9	66.1		84.8			0.488	0.014	0.109
12/10/96	1343	0.5	9.6	28.13	21.66	7.6	1	7.2	75.8	6.5	76.9					
12/10/96	1405	10.0	9.8	29.30	22.54	7.6		6.8	72.6		82.0					
12/10/96	1405	30.0	9.8	29.52	22.71	7.6		6.7	71.2		83.2					
1/27/97	1140	0.5	7.3	27.37	21.37	7.6	2	8.0	80.1	5.6	75.8	0.60	0.47	0.383	0.010 U	0.064
1/27/97	1145	10.0	7.9	28.13	21.89	7.6		7.8	79.5		79.5	0.38	0.41	0.328	0.010 U	0.052
1/27/97	1150	30.0	8.0	28.27	22.00	7.6		7.8	79.4		79.8			0.430	0.010 U	0.071
2/27/97	1235	0.5	8.1	27.78	21.59	7.7	1 U	8.5	87.1	8.1	80.1	0.84	0.35	0.435	0.010 U	0.100
2/27/97	1240	10.0	8.0	27.90	21.70	7.7		8.5	86.2		81.2	0.69	0.32	0.423	0.010 U	0.097
2/27/97	1250	30.0	8.0	27.97	21.76	7.7		8.4	86.0		80.5			0.420	0.010 U	0.100
3/25/97	1430	0.5	8.9	25.61	19.79	7.7	1 U	8.4	86.1	2.4	58.4	0.70	0.32	0.266	0.010 U	0.066
3/25/97	1435	10.0	8.2	27.07	21.03	7.7		8.1	82.1		75.9	0.71	0.36	0.405	0.010 U	0.095
3/25/97	1440	30.0	8.1	27.39	21.29	7.6		7.9	80.8		77.5			0.420	0.017	0.096
4/21/97	1230	0.5	9.7	26.54	20.40		1 U	9.1	95.8	5.0	71.7			0.293	0.010 U	0.079
4/21/97	1235	10.0	9.0	27.37	21.15			8.9	92.7		83.1			0.306	0.010 U	0.081
4/21/97	1240	30.0	8.9	27.74	21.46			8.7	90.1		82.9			0.323	0.010 U	0.083
5/30/97	1320	0.5	11.4	26.91	20.41			9.4	102.3	7.6	79.8	2.70	0.48	0.200	0.026	0.076
5/30/97	1325	10.0	10.7	27.92	21.32			9.0	97.3		83.8	2.60	1.30	0.220	0.027	0.078
5/30/97	1340	30.0	10.5	28.02	21.42			8.9	95.8		86.6			0.238	0.026	0.079
6/24/97	1440	0.5	11.9	27.95	21.14		1 U	9.1	101.1	8.4	80.6	2.10	0.30	0.252	0.030	0.105
6/24/97	1445	10.0	11.6	28.04	21.25			8.3	91.7		79.8	1.70	0.45	0.248	0.022	0.102
6/24/97	1500	30.0	11.6	28.06	21.29			8.3	91.5		80.4			0.279	0.019	0.087
7/21/97	1230	0.5	12.8	28.30	21.24		2	6.3	71.0	6.4	79.6	8.50	0.95	0.146	0.018	0.064
7/21/97	1235	10.0	12.8	28.29	21.24			6.0	67.7		79.3	7.90	1.10	0.197	0.023	0.080
7/21/97	1250	30.0	12.7	28.38	21.33			6.7	75.7		81.7			0.161	0.021	0.069
8/27/97	1400	0.5	15.0	28.32	20.84		1 U	7.2	85.3	8.2	77.5	8.20	1.40	0.125	0.021	0.084
8/27/97	1405	10.0	13.7	28.80	21.45			6.7	77.4		80.3	6.70	0.90	0.166	0.023	0.093
8/27/97	1420	30.0	13.4	28.91	21.60			6.4	73.3		81.3			0.173	0.021	0.090
9/24/97	1355	0.5	14.2	28.90	21.43		1 U	6.2	72.7	9.3	79.7					
9/24/97	1400	10.0	13.6	29.12	21.72			5.9	68.8		81.1	3.50	0.47			
9/24/97	1410	30.0	13.2	29.30	21.94			5.7	66.2		82.2					

GRG002

Lat

48.808

Long (decimal):

-122.953

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/12/95	1410	0.5	10.3	30.36	23.28	7.7		5.8	63.5	11.1	87.1	3.00	0.87	0.323	0.011	0.059
10/12/95	1415	10.0	10.2	30.43	23.34	7.7		5.7	62.3		87.2	2.40	0.91	0.328	0.015	0.059
10/12/95	1420	30.0	10.2	30.50	23.41	7.7		5.6	60.9		87.5			0.327	0.013	0.061
12/19/95	1055	0.5	8.8	29.77	23.06	7.6	1 U	7.2	76.0	8.8	85.1	0.19	0.25	0.397	0.010 U	0.070
12/19/95	1100	10.0	8.8	29.94	23.18	7.6		7.0	73.3		85.9	0.12	0.36	0.405	0.010 U	0.072
12/19/95	1110	30.0	8.9	30.00	23.22	7.5		6.8	71.8		86.4			0.412	0.010 U	0.074
2/12/96	1200	0.5	6.1	23.88	18.77	7.8	1 U	9.4	89.5	8.3	75.6	0.43	0.37	0.313	0.010 U	0.048
2/12/96	1205	10.0	7.3	27.93	21.82	7.7		8.1	81.0		88.6	0.34	0.35	0.233	0.010 U	0.034
2/12/96	1215	30.0	7.5	28.80	22.48	7.7		7.8	78.5		88.3					
3/6/96	1135	0.5	7.5	28.40	22.16	7.8	1 U	8.2	83.1	10.2	87.7	1.10	0.40	0.319	0.010 U	0.047
3/6/96	1140	10.0	7.5	28.85	22.51	7.8		8.0	81.2		87.0	0.80	0.49	0.344	0.010 U	0.054
3/6/96	1155	30.0	7.6	29.22	22.78	7.8		7.8	79.3		86.8			0.283	0.010 U	0.041
4/10/96	1130	0.5	8.8	27.06	20.93	7.9	1 U	7.6	78.3	10.7	88.7	0.81	0.35	0.269	0.016	0.042
4/10/96	1135	10.0	8.4	28.90	22.42	7.8		7.3	75.3		88.9	0.46	0.36	0.297	0.015	0.047
4/10/96	1140	30.0	8.3	29.51	22.92	7.8		6.9	71.1		89.5			0.269	0.011	0.039
5/9/96	1150	0.5	10.1	26.62	20.39	7.8	1 U	8.9	94.0	7.5	82.7	4.80	1.80	0.330	0.010 U	0.029
5/9/96	1155	10.0	9.2	29.12	22.50	7.7		7.9	83.5		85.5	0.36	0.32	0.268	0.010 U	0.046
5/9/96	1210	30.0	9.1	29.37	22.71	7.6		7.7	80.9		85.1			0.274	0.010	0.048
6/11/96	1040	0.5	11.6	26.13	19.78	8.0	1 U	8.5	92.8	5.2	58.5	12.30	1.80	0.024	0.010 U	0.014
6/11/96	1045	10.0	9.4	28.82	22.22	7.6		6.5	68.6		90.6	3.00	0.85	0.232	0.010 U	0.065
6/11/96	1105	30.0	9.6	29.35	22.61	7.6		6.2	66.0		91.2			0.189	0.010 U	0.041
7/10/96	1035	0.5	17.6	19.75	13.71	8.4		7.6	89.8	6.0	82.9	7.70	2.90	0.023	0.010 U	0.010 U
7/10/96	1040	10.0	13.7	25.22	18.71	8.1		7.2	81.7		88.5	0.69	0.41	0.175	0.010 U	0.039
7/10/96	1045	30.0	10.3	28.87	22.12	7.8		5.8	63.0		90.7			0.239	0.010 U	0.047
8/6/96	1300	0.5	15.8	24.75	17.92	8.2	1 U	7.4	86.9	6.7	78.8	1.50	0.58	0.069	0.010 U	0.019
8/6/96	1305	10.0	12.2	28.00	21.13	7.9		6.5	73.1		85.2	0.64	0.42	0.226	0.012	0.044
8/6/96	1310	30.0	11.1	29.20	22.25	7.8		5.8	63.8		88.5			0.284	0.016	0.051
9/11/96	1212	0.5	14.9	21.88	15.92	8.2	1 U	7.7	87.8	7.0	73.0	2.20	0.87	0.107	0.010 U	0.028
9/11/96	1215	10.0	10.5	29.12	22.30	7.7		5.6	60.7		93.0	0.36	0.27	0.340	0.010 U	0.062
9/11/96	1230	30.0	10.0	29.49	22.66	7.6		5.0	53.7		93.3			0.362	0.010 U	0.066

GRG002

Lat

48.808

Long (decimal):

-122.953

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/7/96	1336	0.5	12.9	24.01	17.92	8.0	1 U	7.9	87.0	7.2	79.1	1.60	0.95	0.169	0.010 U	0.026
10/7/96	1340	10.0	10.9	29.00	22.13	7.8		6.0	65.6		89.7	0.69	0.67	0.258	0.010 U	0.041
10/7/96	1350	30.0	10.7	29.47	22.53	7.8		5.5	59.6		89.6			0.331	0.010 U	0.058
12/17/96	1033	0.5	7.8	29.20	22.75	7.6	16	7.5	76.3	8.5	84.6					
12/17/96	1035	10.0	8.2	29.98	23.32	7.6		7.1	73.1		84.8					
12/17/96	1100	30.0	8.2	30.01	23.32	7.6		6.9	71.9		84.8					
2/6/97	1030	0.5	6.5	27.76	21.78	7.7	1 U	8.8	86.1	6.2	82.1	0.67	0.58	0.387	0.010 U	0.062
2/6/97	1035	10.0	7.3	29.73	23.24	7.6		7.7	78.1		79.2	0.40	0.49	0.381	0.010 U	0.066
2/6/97	1055	30.0	7.3	29.79	23.28	7.6		7.6	77.5		77.1			0.387	0.012	0.068
3/12/97	1050	0.5	7.6	29.35	22.89	7.7	1 U	8.4	85.9	8.0	84.8	0.60	0.37	0.384	0.010 U	0.099
3/12/97	1050	10.0	7.6	29.83	23.27	7.7		8.1	82.5		83.4	1.00 J	0.57 J	0.384	0.010 U	0.103
3/12/97	1100	28.5	7.6	29.88	23.31	7.7		9.9	100.6		83.2			0.316	0.010 U	0.084
5/6/97	1055	0.5	8.6	29.64	22.98		1 U	8.1	84.6	8.5	82.4	2.60	0.58	0.294	0.016	0.093
5/6/97	1100	10.0	8.4	29.74	23.08			7.8	81.5		83.8	3.00	0.70	0.286	0.016	0.094
5/6/97	1120	30.0	8.4	29.91	23.23			7.5	78.1		84.7			0.251	0.017	0.087
6/5/97	1040	0.5	12.3	19.91	14.86		4	10.4	110.7	1.6	42.0	7.00	0.05 U	0.102	0.010 U	0.049
6/5/97	1045	10.0	9.6	28.62	22.04			8.1	85.8		77.0	12.20	1.20	0.251	0.010 U	0.085
6/5/97	1105	30.0	9.3	29.41	22.70			7.5	79.1		82.1			0.306	0.017	0.092
7/2/97	1028	0.5	12.9	23.84	17.79		1 U	8.9	98.4	5.8	62.5	7.90	0.49	0.148	0.010 U	0.052
7/2/97	1053	10.0	10.7	27.78	21.21			7.0	76.2		82.9	1.40	0.66	0.301	0.010 U	0.096
7/2/97	1055	30.0	10.2	28.76	22.05			6.5	69.9		83.9			0.295	0.010 U	0.072
8/6/97	1135	0.5	16.6	20.99	14.87		1 U	8.5		3.4	58.9	33.00	1.30	0.018	0.010 U	0.046
8/6/97	1140	10.0	11.1	27.95	21.29			5.7			84.3	1.40	0.42	0.198	0.010 U	0.065
8/6/97	1200	30.0	11.0	28.75	21.92			5.1			83.3			0.259	0.010 U	0.081
9/8/97	1050	0.5	14.8	22.28	16.27		1	7.0	80.4	3.2	64.2	7.40	3.00	0.017	0.010 U	0.061
9/8/97	1055	10.0	12.1	27.19	20.51			6.4	70.5		77.8	3.10	0.35	0.249	0.010 U	0.130
9/8/97	1110	30.0	11.3	28.64	21.78			5.7	63.2		82.4			0.300	0.010 U	0.085

HCB003

Lat

47.537

Long (decimal):

-123.022

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1530	1.0	11.6			7.9				5.4	76.1					
10/18/95	1535	10.0	11.3	29.55	22.48	7.6		5.7	62.6		85.9					
10/18/95	1540	30.0	11.2	30.49	23.24	7.5		3.8	42.7		90.8					
2/21/96	1530	0.5	7.2	19.45	15.18			9.2	87.3	6.5	68.3					
2/21/96	1535	10.0	8.5	27.50	21.33			7.5	76.6		88.7					
2/21/96	1545	30.0	9.2	28.93	22.35			6.3	66.4		92.3					
5/8/96	1535	0.5	13.0	16.82	12.35	8.4		9.5	101.1	8.2	82.9					
5/8/96	1535	10.0	10.1	27.75	21.28	8.2		10.9	115.9		67.7					
5/8/96	1555	30.0	9.4	28.98	22.36	7.6		6.6	69.4		87.5					
6/3/96	1500	0.5	17.2	22.15	15.65	8.2		8.8	105.3	5.2	70.0					
6/3/96	1505	10.0	11.7	27.66	20.95	8.2		11.7	128.8		66.9					
6/3/96	1515	25.0	9.5	28.93	22.30	7.3		5.5	58.8		91.2					
7/1/96	1630	0.5	19.1	24.54	17.03	8.3		8.3	104.2	7.4	82.8					
7/1/96	1635	10.0	11.6	28.47	21.60	8.3		10.2	113.3		65.6					
7/1/96	1650	30.0	9.5	29.25	22.54	7.7		4.2	44.3		91.6					
8/5/96	1610	0.5	17.1	26.22	18.75	8.2		8.8	107.3	4.8	73.6					
8/5/96	1615	10.0	11.2	28.98	22.05	7.8		6.7	73.4		84.2					
8/5/96	1620	30.0	9.9	29.50	22.69	7.3		3.0	32.6		88.7					
9/9/96	1655	0.5	14.2	28.33	21.00	7.7		6.9	81.0	3.6	54.9					
9/9/96	1700	10.0	11.1	29.72	22.65	7.3		7.8	86.3		83.3					
9/9/96	1705	30.0	10.5	29.91	22.90	7.2		3.2	34.8		86.4					

HCB004

Lat

47.358

Long (decimal):

-123.024

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1555	1.5	12.8	24.38	18.21	8.1	24	9.8	108.2	2.5	60.2	5.40	1.80	0.010 U	0.010 U	0.036
10/18/95	1600	10.0	10.7	30.20	23.09	7.3		3.8	41.8		83.1	1.20	0.68	0.432	0.010 U	0.100
10/18/95	1605	30.0	11.0	30.42	23.21	7.4		3.3	36.0		80.4			0.409	0.010 U	0.090
11/14/95	1455	0.5	10.1	22.43	17.14	7.9	1 U	9.7	100.2	5.7	69.9	11.00	0.98	0.130	0.010 U	0.033
11/14/95	1500	10.0	11.1	30.13	22.98	7.3		3.7	40.7		84.2					
11/14/95	1505	30.0	11.2	30.48	23.23	7.3		2.6	28.9		74.4					
12/20/95	1440	0.5	7.9	8.11	6.23	8.0	2	11.3	100.5	2.8	44.3	28.80	2.30	0.103	0.010 U	0.010 U
12/20/95	1445	10.0	9.5	27.12	20.87	7.5		7.4	77.5		86.4	0.32	0.32	0.232	0.010 U	0.041
12/20/95	1450	30.0	10.8	29.69	22.67	7.3		3.9	43.3		77.3			0.299	0.010 U	0.065
1/8/96	1600	0.5	8.8	17.73	13.65	8.1	2	10.4	101.0	3.9	59.5	2.70	1.10	0.075	0.010 U	0.014
1/8/96	1605	10.0	10.1	28.43	21.81	7.6		6.2	66.0		85.8	1.00	0.48	0.198	0.010 U	0.032
1/8/96	1610	30.0	10.6	29.48	22.56	7.5		4.8	51.7		75.3			0.188	0.010 U	0.032
2/21/96	1605	0.5	7.4	15.73	12.24		1 U	10.4	96.7	4.5	67.5	4.40	0.61	0.066	0.010 U	0.016
2/21/96	1610	10.0	9.1	27.95	21.59			6.7	70.0		88.6	0.62	0.35	0.238	0.010 U	0.038
2/21/96	1610	30.0	10.2	29.31	22.47			4.4	47.5		62.4			0.236	0.010 U	0.043
3/25/96	1610	0.5	10.4	22.71	17.32	8.3	1 U	10.6	109.9	4.8	77.6	3.60	0.78	0.032	0.010 U	0.022
3/25/96	1615	10.0	9.3	26.13	20.14	8.1		9.7	100.3		74.2	15.40	3.00	0.117	0.010 U	0.034
3/25/96	1620	30.0	9.7	28.41	21.86	7.5		5.3	56.1		83.1			0.210	0.010 U	0.038
5/8/96	1616	0.5	13.0	17.23	12.68	8.5	1 U	10.2	108.8	5.5	69.8	4.00	0.46	0.010 U	0.010 U	0.010 U
5/8/96	1610	10.0	10.5	27.23	20.82	7.9		9.0	96.1		59.9	19.50	1.00	0.010 U	0.010 U	0.018
5/8/96	1620	30.0	10.0	29.17	22.40	7.2		3.7	39.9		78.8			0.249	0.015	0.054
6/3/96	1525	0.5	17.5	20.03	13.95	8.1	1	8.4	99.6	5.5	65.1	2.50	0.43	0.010 U	0.010 U	0.010 U
6/3/96	1530	10.0	11.0	27.87	21.24	7.7		7.8	84.7		65.1	20.10	4.60	0.025	0.025	0.042
6/3/96	1535	29.0	10.0	28.95	22.23	7.1		3.4	36.0		88.6					
7/1/96	1705	0.5	20.1	22.97	15.60	8.2	1 U	8.2	103.7	5.3	75.3	1.00	0.32	0.010 U	0.010 U	0.010 U
7/1/96	1710	10.0	11.7	28.37	21.49	8.1		7.5	82.7		54.2	20.40	1.30	0.207	0.010 U	0.098
7/1/96	1715	30.0	9.9	29.37	22.58	7.5		2.2	23.1		76.1			0.389	0.010 U	0.080
8/5/96	1640	0.5	19.3	25.27	17.53	8.2	1 U	8.6	108.9	3.5	70.3	1.40	0.56	0.010 U	0.010 U	0.014
8/5/96	1645	10.0	10.4	29.31	22.44	7.3		4.0	43.4		80.7	6.10	2.30	0.295	0.010 U	0.088
8/5/96	1650	30.0	10.0	29.57	22.72	7.2		1.7	18.3		66.1			0.466	0.010 U	0.104
9/9/96	1735	0.5	17.4	26.06	18.57	8.1	1 U	6.8	83.7	4.3	71.1	0.84	0.36	0.010 U	0.010 U	0.041
9/9/96	1740	10.0	10.5	30.33	23.23	7.1		8.0	87.8		79.1	1.10	0.61	0.383	0.010 U	0.100
9/9/96	1750	30.0	10.6	29.92	22.89	7.3		3.2	35.2		79.3			0.396	0.010 U	0.081

HCB004

Lat

47.358

Long (decimal):

-123.024

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1520	0.5	10.1	20.88	15.94	8.0	3	7.4	75.0	3.5	53.4	4.30	1.20	0.205	0.010 U	0.063
10/24/96	1525	10.0	11.2	29.98	22.83	7.6		3.4	37.8		81.3	0.72	0.76	0.348	0.010 U	0.073
10/24/96	1530	30.0	11.2	30.34	23.13	7.6		3.1	34.2		78.2			0.590	0.010 U	0.116
12/10/96	1224	0.5	7.0	14.85	11.59	7.7	1 U	9.6	87.7	3.5	51.7			0.211	0.011	0.038
12/10/96	1227	10.0	10.8	30.25	23.12	7.4		4.2	46.0		88.8			0.250	0.039	0.057
12/10/96	1240	30.0	11.0	30.47	23.26	7.4		3.1	34.2		84.5			0.418	0.010 U	0.100
1/27/97	1550	0.5	4.9	16.48	13.03	7.7	1	10.6	93.1	5.0	69.4					
1/27/97	1525	10.0	7.1	24.76	19.35	7.6		8.6	84.4		85.1					
1/27/97	1600	30.0	9.7	29.47	22.68	7.3		4.8	51.1		79.0					
2/27/97	1520	1.0	8.9	17.16	13.21	8.5	1 U	12.8	124.0	2.6	54.2	4.80	1.10	0.017	0.010 U	0.026
2/27/97	1525	10.0	8.5	27.37	21.22	7.9		9.7	99.6		64.1	2.00	0.64	0.391	0.010 U	0.100
2/27/97	1530	27.0	9.2	29.18	22.54	7.5		5.5	57.8		79.8			0.409	0.010 U	0.104
4/21/97	1535	0.5	12.9	19.53	14.45		1	12.0	129.3	2.6	54.5	9.80	0.05	0.012	0.010 U	0.035
4/21/97	1540	10.0	9.0	28.44	21.98			7.1	73.9		83.8			0.334	0.010 U	0.096
4/21/97	1545	30.0	8.9	29.06	22.48			5.1	53.7		78.1			0.373	0.010 U	0.103
5/30/97	0950	0.5	17.3	17.58	12.14			9.2	106.9	5.8	78.8	2.00	0.31	0.040	0.010 U	0.039
5/30/97	0955	10.0	10.3	28.01	21.46			9.0	96.7		66.7	10.00	2.30	0.114	0.036	0.077
5/30/97	1000	30.0	9.2	28.86	22.29			3.9	40.7		80.3			0.362	0.052	0.120
6/24/97	1141	0.5	16.4	22.73	16.25		1 U	9.1	107.4	4.3	70.1	5.70	1.80	0.186	0.105	0.098
6/24/97	1145	10.0	10.3	28.23	21.62			6.5	69.6		78.7	3.00	0.92	0.291	0.048	0.108
6/24/97	1155	30.0	9.3	28.84	22.25			3.0	31.7		84.0			0.430	0.027	0.122
7/21/97	1455	0.5	19.9	20.59	13.83		5	7.2	89.8	5.7	76.0	4.40	0.23	0.016	0.010 U	0.029
7/21/97	1500	10.0	12.1	27.59	20.82			6.6	73.0		76.1	9.20	2.40	0.100	0.011	0.075
7/21/97	1505	30.0	9.8	28.65	22.03			2.8	29.5		92.1			0.418	0.014	0.121
8/27/97	1155	0.5	17.4	23.16	16.37		2	7.2	87.5	5.4	69.0	2.40	0.42	0.010 U	0.010 U	0.052
8/27/97	1200	10.0	10.6	28.61	21.87			3.9	42.4		79.3	2.70	0.65	0.284	0.010 U	0.114
8/27/97	1205	30.0	9.6	28.95	22.29			1.9	20.6		78.9			0.396	0.010 U	0.121
9/24/97	1207	0.5	15.5	12.85	8.87		1 U	10.6	115.7	3.6	54.8					
9/24/97	1210	10.0	9.8	28.77	22.11			2.7	29.3		80.9	0.67	0.35			
9/24/97	1215	30.0	9.3	29.34	22.65			1.4	15.3		73.9					

HCB006

Lat (decimal)

47.748

Long (decimal):

-122.617

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1215	1.5	11.7	28.76	21.80	7.8	1 U	7.2	79.5	7.5	76.8	8.50	2.20	0.216	0.010 U	0.061
10/18/95	1220	10.0	11.4	29.68	22.56	7.7		5.9	66.0		83.6	3.80	1.60	0.300	0.010 U	0.062
10/18/95	1230	30.0	11.3	30.55	23.27	7.6		4.6	51.3		88.6			0.418	0.010 U	0.084
11/14/95	1230	0.5	10.9	26.88	20.49	7.6	1 U	7.3	78.4	7.3	82.6	1.30	0.41	0.326	0.010 U	0.060
11/14/95	1235	10.0	10.6	28.16	21.52	7.6		7.0	76.0		83.8					
11/14/95	1250	30.0	10.3	30.12	23.09	7.6		6.5	70.3		86.0					
12/20/95	1155	0.5	8.6	21.44	16.57	7.6	1 U	8.6	85.0	5.7	75.9	0.80	0.32	0.204	0.010 U	0.034
12/20/95	1200	10.0	9.3	28.04	21.63	7.5		7.2	75.6		82.6	0.34	0.27	0.247	0.010 U	0.042
12/20/95	1215	30.0	9.9	29.52	22.69	7.5		5.9	63.8		80.5			0.327	0.010 U	0.058
1/8/96	1235	0.5	8.5	22.58	17.48	7.9	1	9.3	92.7	3.5	73.0	3.80	1.00	0.191	0.010 U	0.027
1/8/96	1240	10.0	9.1	27.49	21.22	7.7		7.7	79.8		83.3	1.60	0.74	0.263	0.010 U	0.044
1/8/96	1255	30.0	9.3	29.24	22.56	7.7		6.6	69.7		78.2			0.238	0.010 U	0.035
2/21/96	1215	0.5	7.8	24.18	18.81		1 U	8.8	87.1	7.1	82.6	1.10	0.44	0.158	0.010 U	0.025
2/21/96	1225	10.0	8.1	27.00	20.98			8.0	81.2		81.3	0.62	0.47	0.185	0.010 U	0.028
2/21/96	1230	30.0	8.5	28.83	22.36			7.0	72.3		77.2			0.254	0.010 U	0.042
3/25/96	1205	0.5	8.9	27.05	20.91	8.0	1 U	8.7	89.9	7.1	81.4	1.10	0.55	0.191	0.010 U	0.035
3/25/96	1210	10.0	8.6	28.03	21.72	8.0		8.5	87.8		81.9	1.60	1.00	0.225	0.010 U	0.038
3/25/96	1215	30.0	8.9	28.87	22.34	7.8		7.0	73.5		83.6			0.192	0.010 U	0.029
5/8/96	1150	0.5	11.2	25.24	19.16	8.3	1 U	10.4	111.9	4.1	62.1	8.90	1.00	0.010 U	0.010 U	0.010 U
5/8/96	1150	10.0	10.4	27.69	21.19	8.0		9.4	101.1		63.8	8.70	1.40	0.126	0.010 U	0.029
5/8/96	1205	30.0	9.5	29.06	22.39	7.6		7.0	74.5		75.4			0.351	0.010 U	0.072
6/3/96	1305	0.5	13.4	26.67	19.93	8.2	1 U	9.8	111.0	3.1	52.5	11.80	1.50	0.010 U	0.010 U	0.013
6/3/96	1310	10.0	11.3	28.15	21.39	7.9		8.7	95.9		65.3	9.80	1.40	0.156	0.014	0.039
6/3/96	1315	30.0	9.8	29.23	22.49	7.5		6.6	70.6		79.5			0.308	0.011	0.072
7/1/96	1235	0.5	14.9	27.45	20.18	8.3	1 U	9.8	115.4	4.2	58.9	11.70	1.30	0.010 U	0.010 U	0.010 U
7/1/96	1240	10.0	10.3	29.20	22.38	8.0		6.7	72.8		81.8	15.20	1.60	0.045	0.010 U	0.010
7/1/96	1250	30.0	9.9	29.43	22.62	7.7		5.5	59.3		81.7			0.249	0.010 U	0.049
8/5/96	1210	0.5	17.2	26.99	19.33	8.2	1 U	8.9	109.7	6.5	79.1	1.20	0.56	0.010 U	0.010 U	0.010
8/5/96	1215	10.0	13.3	28.97	21.67	8.0		7.2	82.9		78.3	2.70	0.90	0.185	0.010 U	0.034
8/5/96	1220	30.0	11.5	29.90	22.72	7.8		6.0	67.0		83.0			0.278	0.035	0.051
9/9/96	1345	0.5	14.0	28.60	21.26	7.7	1 U	6.7	78.6	5.2	73.8	2.50	0.72	0.204	0.010 U	0.061
9/9/96	1355	10.0	12.7	28.86	21.70	7.6		6.2	70.6		70.7	2.50	0.89	0.254	0.010 U	0.065
9/9/96	1410	30.0	10.9	29.94	22.87	7.3		4.1	45.0		85.9			0.366	0.010 U	0.074

HCB006

Lat (decimal):

47.748

Long (decimal):

-122.617

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1420	0.5	10.9	28.31	21.60	7.9	1 U	6.6	71.9	5.5	79.0	1.70	0.78	0.541	0.010 U	0.118
10/24/96	1425	10.0	11.0	29.99	22.89	7.8		5.1	55.9		83.5	1.20	0.73	0.654	0.010 U	0.136
10/24/96	1435	30.0	10.9	30.46	23.26	7.8		4.8	52.8		82.4			0.468	0.010 U	0.087
12/10/96	1039	0.5	8.4	27.13	21.04	7.6	2	7.6	77.5	9.5	85.2			0.374	0.016	0.078
12/10/96	1042	10.0	8.8	29.09	22.52	7.6		7.1	73.9		87.0			0.390	0.014	0.077
12/10/96	1104	30.0	9.0	30.09	23.28	7.5		6.6	70.0		84.4			0.400	0.010	0.080
1/27/97	1505	1.0	6.8	27.17	21.29	7.6	1 U	8.6	84.5	5.5	81.4					
1/27/97	1525	10.0	7.2	28.23	22.07	7.6		8.2	82.1		81.9					
1/27/97	1525	30.0	8.0	28.74	22.36	7.6		7.3	74.6		81.6					
4/21/97	1445	1.0	10.7	25.86	19.72		1 U	12.7	135.1	2.6	48.5	34.00	0.91	0.011	0.010 U	0.045
4/21/97	1450	10.0	9.0	28.46	22.01			9.6	100.6		74.7	7.20	1.00	0.235	0.010 U	0.081
4/21/97	1455	30.0	8.7	29.07	22.53			7.7	79.8		81.6			0.293	0.010 U	0.085
5/30/97	1045	0.5	16.4	21.45	15.29			10.3	121.0	3.9	72.0	3.10	0.51	0.043	0.010 U	0.043
5/30/97	1110	10.0	10.5	28.50	21.79			8.7	93.7		77.8	25.00	4.30	0.129	0.014	0.065
5/30/97	1115	30.0	9.6	29.25	22.53			6.3	67.0		74.6			0.317	0.028	0.100
6/24/97	0955	0.5	13.1	27.14	20.29		1 U	8.8	99.7	8.0	81.6	3.90	0.47	0.109	0.011	0.081
6/24/97	1000	10.0	12.0	28.21	21.33			7.8	86.5		79.5	1.30	0.95	0.268	0.040	0.109
6/24/97	1020	30.0	10.5	29.23	22.37			6.2	67.6		72.7			0.346	0.042	0.114
7/21/97	1015	0.5	15.9	26.97	19.60		2	7.7	92.6	4.0	59.3	15.80	1.00	0.023	0.010 U	0.035
7/21/97	1020	10.0	12.1	28.90	21.84			6.2	70.0		71.7	16.90	1.60	0.077	0.010 U	0.053
7/21/97	1035	30.0	12.1	28.89	21.83			6.1	68.2		71.1			0.181	0.018	0.071
8/27/97	1010	0.5	15.1	27.32	20.05		1 U	7.0	82.3	5.3	72.9	3.10	1.40	0.059	0.010 U	0.066
8/27/97	1015	10.0	11.9	29.19	22.10			4.9	55.3		83.2	2.70	2.80	0.194	0.023	0.079
8/27/97	1025	30.0	11.6	29.76	22.59			4.6	50.8		78.2			0.266	0.030	0.097
9/24/97	1041	0.5	14.2	27.08	20.04		1 U	9.0	104.5	5.3	58.8	9.70	0.91			
9/24/97	1040	10.0	12.4	28.96	21.83			6.6	74.1		71.9	14.00	2.40			
9/24/97	1100	30.0	11.7	29.76	22.57			5.1	56.9		76.6					

HCB007

Lat

47.398

Long (decimal):

-122.928

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1445	1.5	13.3	23.59	17.51	8.2		9.7	107.8	3.3	58.3					
10/18/95	1450	10.0	10.2	30.09	23.09	7.2		2.1	23.0		87.1					
11/14/95	1425	0.5	11.0	20.12	15.22	7.9		9.9	102.1	4.3	67.4					
11/14/95	1430	10.0	11.1	30.07	22.93	7.3		4.0	44.3		88.3					
12/20/95	1430	0.5	7.9	11.39	8.80	7.7		9.8	89.1	4.7	62.6					
12/20/95	1435	10.0	9.9	27.38	21.03	7.4		6.5	68.5		88.6					
1/8/96	1550	0.5	8.8	17.90	13.79	8.4		11.4	111.2	1.9	56.8					
1/8/96	1555	10.0	10.3	28.60	21.91	7.5		5.4	57.7		86.3					
3/25/96	1555	0.5	10.7	22.14	16.84	8.4		11.0	114.3	3.4	73.4					
3/25/96	1699	10.0	9.5	25.73	19.81	8.1		9.9	102.6		52.1					
5/8/96	1710	0.5	13.4	16.02	11.68	8.5		9.8	104.5	4.5	64.2					
5/8/96	1715	10.0	10.2	28.36	21.73	7.3		5.2	55.6		86.8					
6/3/96	1600	0.5	18.0	19.98	13.82	8.1		8.5	101.7	5.5	69.4					
6/3/96	1605	10.0	11.3	27.93	21.23	7.8		8.7	95.6		65.0					
7/1/96	1750	0.5	20.8	23.46	15.79	8.3		8.0	102.9	5.3	74.4					
7/1/96	1755	10.0	13.0	27.80	20.82	8.3		10.0	113.7		51.6					
8/5/96	1740	0.5	20.1	24.48	16.74	8.2		7.9	101.0	3.9	65.2					
8/5/96	1745	10.0	11.8	28.78	21.80	7.6		4.9	54.2		76.2					
9/9/96	1710	0.5	18.5	25.41	17.85	8.1		6.3	79.3	4.4	69.3					
9/9/96	1715	10.0	10.2	30.51	23.42	7.1		8.1	87.7		81.5					

HLM001

Lat

48.064

Long (decimal):

-122.532

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1205	0.5	12.5	28.17	21.19	7.9		7.9	88.8	7.7	84.1	6.40	1.50	0.172		0.052
10/12/95	1210	10.0	12.4	28.48	21.46	7.9		7.3	82.2		83.0	8.80	1.40	0.190		0.055
10/12/95	1215	30.0	11.7	30.06	22.81	7.6		4.3	47.8		87.5			0.283		0.077
11/1/95	1445	0.5	9.5	21.46	16.48	8.5	1 U	13.5	136.1	3.3	51.2	27.90	2.30	0.010 U	0.010 U	0.010
11/1/95	1450	10.0	11.8	29.59	22.42	7.6		6.2	69.2		90.7	0.64	0.42	0.226	0.010 U	0.050
11/1/95	1455	30.0	11.8	30.36	23.02	7.6		4.3	48.0		87.3			0.250	0.010 U	0.061
12/19/95	1350	0.5	7.9	18.46	14.33	7.6	1	9.6	91.8	5.4	76.8	0.85	0.31	0.329	0.013	0.051
12/19/95	1355	10.0	10.1	26.57	20.37	7.5		7.2	76.5		87.2	0.07	0.16	0.390	0.010 U	0.072
12/19/95	1400	30.0	10.7	28.92	22.10	7.5		6.1	66.9		86.7			0.378	0.010 U	0.075
2/12/96	1450	0.5	6.6	10.99	8.60	7.7	1 U	10.8	95.4	1.3	37.6	2.40	0.65	0.185	0.010 U	0.023
2/12/96	1455	10.0	8.6	27.07	20.97	7.6		7.8	79.9		87.6	0.56	0.27	0.380	0.010 U	0.067
2/12/96	1500	30.0	9.9	28.63	22.00	7.5		6.3	66.8		81.4			0.251	0.010 U	0.043
3/6/96	1525	0.5	8.4	19.17	14.83	8.8	1 U	16.0	155.7	2.8	50.1	45.50	0.92	0.010 U	0.010 U	0.010 U
3/6/96	1530	10.0	9.0	27.46	21.22	7.7		8.5	88.0		90.1	1.40	0.28	0.394	0.010 U	0.057
3/6/96	1535	30.0	9.1	28.32	21.87	7.7		7.0	73.0		87.3			0.396	0.010 U	0.065
4/10/96	1715	0.5	11.7	24.33	18.36	8.5	1 U	9.7	104.7	11.5	93.7	1.10	0.23	0.010 U	0.010 U	0.010 U
4/10/96	1720	10.0	9.3	27.30	21.06	8.0		8.6	89.6		86.5	8.40	1.00	0.120	0.010 U	0.017
4/10/96	1725	30.0	9.1	28.55	22.06	7.4		5.4	56.5		82.9			0.416	0.011	0.068
5/9/96	1540	0.5	12.8	22.17	16.51	8.3	1 U	10.9	118.7	10.0	91.1	4.10	0.61	0.010 U	0.010 U	0.010 U
5/9/96	1545	10.0	10.0	26.78	20.54	7.9		10.3	108.6		76.3	6.90	1.40	0.017	0.010 U	0.010 U
5/9/96	1550	30.0	9.0	28.49	22.03	7.5		6.9	72.0		93.0			0.208	0.010 U	0.032
6/11/96	1440	0.5	14.6	21.16	15.41	8.4	1 U	11.3	126.9	3.7	43.7	11.70	1.90	0.010 U	0.010 U	0.010 U
6/11/96	1445	10.0	10.3	27.62	21.14	7.7		7.8	83.2		83.0	14.90	2.00	0.147	0.010 U	0.035
6/11/96	1455	30.0	9.1	28.58	22.08	7.2		4.8	50.0		81.1			0.366	0.036	0.092
7/10/96	1445	0.5	17.5	23.36	16.49	8.5		8.3	101.1	6.2	79.4	1.30	0.32	0.010 U	0.010 U	0.010 U
7/10/96	1450	10.0	10.7	27.91	21.31	8.0		7.3	79.0		77.2	19.80	2.00	0.116	0.010 U	0.039
7/10/96	1455	30.0	9.4	28.87	22.27	7.5		4.4	46.8		84.4			0.329	0.010 U	0.067
8/6/96	1755	1.0	15.8	25.91	18.80	8.1	1 U	7.9	94.5	11.3	89.4					
8/6/96	1800	10.0	11.5	28.47	21.62	8.2		10.0	110.3		85.0					
8/6/96	1805	30.0	9.9	29.11	22.38	7.5		4.7	50.0		90.3					

HND001

Lat

47.151

Long (decimal):

-122.833

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
11/16/95	1020	0.5	11.4	28.51	21.67	7.6	5	7.0	76.7	8.0	78.5	1.90	0.44	0.282	0.048	0.071
11/16/95	1025	10.0	11.6	29.46	22.37	7.7		6.7	74.5		79.0	1.80	0.61	0.261	0.036	0.060
2/26/96	1005	0.5	6.8	24.61	19.27	7.7	5	8.6	83.6	4.9	67.2	0.51	0.30	0.426	0.049	0.068
2/26/96	1015	10.0	8.0	26.38	20.52	7.7		7.9	79.7		77.1	0.55	0.30	0.427	0.038	0.069
3/20/96	1035	0.5	9.0	26.47	20.45	7.8	1 U	8.5	87.2	5.0	72.9	1.00	0.53	0.341	0.014	0.058
3/20/96	1040	10.0	8.8	26.91	20.82	7.8		8.2	84.0		71.2	1.50	0.94	0.212	0.013	0.032
4/30/96	0915	0.5	11.7	25.51	19.28	8.1	6	12.5	136.4	3.0	56.4	21.20	3.80	0.039	0.010 U	0.012
4/30/96	0920	10.0	9.8	27.31	20.99	7.7		9.7	102.0		62.6	15.20	2.30	0.262	0.014	0.054
5/29/96	1040	0.5	12.0	26.93	20.34	8.1	3	11.3	124.3	3.0	63.4	7.90	1.40	0.010 U	0.010 U	0.010 U
5/29/96	1045	10.0	10.8	27.46	20.94	7.7		8.3	89.9			21.00	3.70	0.144	0.017	0.034
6/17/96	1155	0.5	13.3	27.58	20.60	8.1	2	9.9	113.3	3.4	61.8	10.60	2.80	0.010 U	0.010 U	0.033
6/17/96	1157	10.0	12.3	28.06	21.15	8.0		9.1	101.7		62.0	22.80	2.30	0.045	0.010 U	0.035
8/12/96	1200	0.5	17.5	28.24	20.21	8.0	1 U	8.1	101.3	2.8	62.9					
8/12/96	1205	9.5	14.5	29.04	21.49	8.0		7.6	89.9		67.3					
9/16/96	1043	0.5	14.3	29.23	21.66	8.0	1	8.0	94.3	3.9	69.2					
9/16/96	1045	10.0	14.2	29.38	21.81	7.9		7.3	86.3		64.9					

NSQ001

Lat

47.112

Long (decimal):

-122.697

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
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7/1/96	1825	0.5	12.8	28.46	21.38	8.0		8.1			86.5					
7/1/96	1830	10.0	12.1	28.56	21.58	8.0		8.0			85.9					
7/1/96	1835	29.5	11.9	28.58	21.62	8.0		8.0			85.3					

NSQ002

Lat (decimal):

-47.168

Long (decimal):

-122.787

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1030	0.5	12.2	29.74	22.47	7.9	1 U	6.1	69.0	8.0	78.9	1.60	0.63	0.252	0.026	0.070
10/24/96	1035	10.0	12.2	29.75	22.47	7.9		6.1	69.0		79.5	2.80	0.66	0.289	0.027	0.083
10/24/96	1050	30.0	12.2	29.75	22.48	7.9		6.2	69.6		79.5			0.346	0.015	0.087
12/10/96	1415	0.5	9.4	28.73	22.16	7.6	1 U	7.2	76.0	5.9	83.8					
12/10/96	1415	10.0	9.8	29.23	22.49	7.6		6.7	72.1		82.5					
12/10/96	1435	30.0	9.9	29.46	22.65	7.6		6.6	71.1		80.3					
1/27/97	1050	0.5	7.2	27.21	21.27	7.5	1	8.0	79.7	5.5	76.3	0.91	0.45	0.433	0.010 U	0.066
1/27/97	1055	10.0	7.6	27.60	21.52	7.5		7.9	79.4		78.2	0.53	0.65	0.439	0.010 U	0.074
1/27/97	1105	30.0	8.0	28.04	21.82	7.5		7.7	78.7		78.5			0.409	0.010 U	0.075
2/27/97	1155	0.5	8.1	27.24	21.18	7.7	1 U	8.6	87.6	6.2	76.9	0.70	0.34	0.420	0.010 U	0.097
2/27/97	1200	10.0	8.0	27.69	21.54	7.7		8.4	85.6		77.2	0.49	0.48	0.427	0.010 U	0.099
2/27/97	1205	30.0	8.0	27.89	21.70	7.7		8.3	84.8		76.4			0.431	0.010 U	0.097
3/25/97	1355	0.5	8.8	25.96	20.08	7.6	1 U	8.3	85.3	5.0	76.3	1.20	0.22	0.378	0.013	0.090
3/25/97	1400	10.0	8.3	26.52	20.57	7.6		8.2	82.9		79.5	0.57	0.42	0.240	0.010 U	0.096
3/25/97	1405	30.0	8.1	27.66	21.51	7.6		7.9	80.2		79.8			0.411	0.010 U	0.095
4/21/97	1115	0.5	9.3	27.14	20.92		1	9.0	93.8	5.2		3.80	0.58	0.288	0.010 U	0.081
4/21/97	1120	10.0	9.1	27.26	21.04			8.9	92.9		77.4	4.20	0.28	0.268	0.010 U	0.070
4/21/97	1130	30.0	8.9	27.61	21.36			8.6	89.4		81.4			0.328	0.010 U	0.085
5/30/97	1405	1.0	11.2	27.75	21.10			9.0	98.2	6.5	76.9	3.90	1.50	0.196	0.034	0.079
5/30/97	1410	10.0	10.8	27.87	21.26			8.9	96.9		80.7	2.20	1.90	0.207	0.032	0.080
5/30/97	1425	30.0	10.5	27.99	21.40			8.8	94.8		83.4			0.224	0.035	0.081
6/24/97	1340	0.5	12.8	27.81	20.88		1 U	10.4	117.1	4.1	57.4	18.30	0.08	0.130	0.010 U	0.096
6/24/97	1345	10.0	12.4	27.84	20.96			9.7	109.2		60.7	14.20	0.28	0.160	0.016	0.092
6/24/97	1500	30.0	11.8	28.01	21.21			8.4	93.1		78.5			0.272	0.029	0.108
7/21/97	1320	0.5	13.7	28.13	20.94		1 U	7.0	80.5	4.7	72.3	11.90	1.50	0.135	0.023	0.069
7/21/97	1325	10.0	13.6	28.15	20.98			6.9	79.1		73.6	9.80	1.30	0.153	0.026	0.077
7/21/97	1335	30.0	12.6	28.38	21.35			6.1	68.5		77.6			0.201	0.033	0.079
8/27/97	1445	0.5	15.3	28.48	20.89		1	7.5	89.2	7.3	74.4	9.70	1.40	0.058	0.017	0.067
8/27/97	1450	10.0	13.8	28.82	21.46			6.6	76.2		80.8	7.00	0.99	0.101	0.038	0.067
8/27/97	1505	30.0	13.6	28.88	21.54			6.2	71.9		81.0			0.158	0.046	0.081
9/24/97	1430	0.5	14.7	28.84	21.29		1 U	6.6	77.9	8.6	78.9	4.30	0.15			
9/24/97	1430	10.0	13.7	29.08	21.68			5.9	68.7		80.9	3.80	0.38			
9/24/97	1445	30.0	13.4	29.21	21.83			5.5	63.9		81.7					

OAK004

Lat

47.214

Long (decimal):

-123.076

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/19/95	1610	0.5	14.0	26.11	19.32	7.8	2	8.3	95.4	2.7	63.7	4.90	1.50	0.166	0.081	0.072
10/19/95	1615	8.0	13.8	27.37	20.34	7.8		6.6	75.6		67.0	7.00	2.50	0.174	0.055	0.069
11/16/95	1315	0.5	10.8	19.40	14.69	7.5	19 S	7.9	80.8	3.9	68.5	1.70	0.74	0.235	0.086	0.050
11/16/95	1320	10.0	11.0	24.30	18.45	7.6		7.5	80.4		74.4	0.66	0.77	0.271	0.084	0.062
12/27/95	1255	0.5	7.4	19.42	15.13	7.5	10	8.3	78.8	3.9	69.5	1.50	0.49	0.364	0.033	0.064
12/27/95	1300	9.5	8.1	23.15	17.97	7.5		7.7	76.3		63.9	0.58	0.74	0.388	0.033	0.075
1/25/96	1400	0.5	6.6	15.99	12.52	7.6	2	9.6	87.2	3.4	66.7	0.42	0.32	0.232	0.031	0.031
1/25/96	1405	9.5	7.4	21.34	16.64	7.6		8.8	84.9		62.9	0.30	0.44	0.390	0.026	0.066
2/26/96	1510	0.5	7.1	15.56	12.15	7.7	7	9.3	85.8	4.5	58.1	1.40	0.33	0.337	0.014	0.047
2/26/96	1520	10.0	7.2	20.25	15.81	7.7		8.7	83.2		73.9	1.20	0.52	0.388	0.013	0.060
3/20/96	1340	0.5	10.4	20.14	15.33	7.9	11	9.4	95.7	4.0	70.9	1.80	1.00	0.134	0.012	0.021
3/20/96	1345	10.0	9.6	23.16	17.79	7.8		9.1	93.3		60.9	2.90	1.70	0.313	0.011	0.053
4/30/96	1210	1.0	12.8	14.86	10.88	7.7	1 U	9.7	100.9	3.0	65.7	4.50	1.50	0.176	0.028	0.025
4/30/96	1215	10.0	11.2	20.13	15.20	7.7		9.6	99.7		62.3	4.30	1.40	0.175	0.016	0.020
5/29/96	1530	0.5	14.2	23.71	17.45	8.1	1 U	9.6	109.5	2.3	48.5	15.00	2.50	0.010 U	0.010 U	0.011
5/29/96	1530	6.5	14.0	23.75	17.51	8.0		9.5	107.0		43.5	15.00	3.00	0.010 U	0.010 U	0.010 U
6/17/96	1535	0.5	16.9	24.58	17.55	8.0	1 U	7.7	93.1	2.4	54.9	4.00	1.90	0.010 U	0.010 U	0.043
6/17/96	1537	4.5	16.0	25.77	18.66	8.0		8.2	97.5		38.5	6.90	2.40	0.010 U	0.010 U	0.037
7/22/96	1620	1.0	21.4	25.43	17.13	8.1	1	7.8	102.8	4.5	70.2	4.10	1.50	0.010 U	0.010	0.034
7/22/96	1625	9.0	17.8	26.88	19.12	8.2		8.7	108.7		45.8	17.20	3.50	0.010 U	0.010 U	0.043
8/12/96	1610	0.5	19.8	27.12	18.83	8.2	1	8.4	109.0	3.6	66.4	9.80	3.30	0.010 U	0.010 U	0.037
8/12/96	1615	10.0	19.0	27.43	19.24	8.2		8.5	109.3		58.2	10.30	4.20	0.010 U	0.010 U	0.036
9/16/96	1442	0.5	17.3	26.31	18.78	8.5	4	11.5	141.6	0.9	27.7	61.10	0.05 U	0.026	0.010 U	0.071
9/16/96	1444	6.0	16.1	27.96	20.32	8.2		9.2	111.5		56.3	17.20	3.00	0.034	0.010 U	0.056

OAK004

Lat

47.214

Long (decimal):

-123.076

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1600	0.5	11.8	27.14	20.52	7.9	15	6.8	75.4	3.5	67.3	2.30	1.60	0.183	0.081	0.074
10/24/96	1605	10.0	11.9	27.71	20.95	7.9		6.9	76.1		67.6	2.30	1.80	0.315	0.123	0.122
12/10/96	1312	0.5	7.5	17.33	13.48	7.5	11	8.7	82.2	2.8	61.3					
12/10/96	1314	10.0	8.4	24.65	19.11	7.5		7.7	77.9		65.1					
2/27/97	1600	0.5	8.5	17.11	13.20	7.8	1	10.2	97.7	3.1	69.0	2.50	0.76	0.298	0.010 U	0.063
2/27/97	1605	7.5	8.0	21.72	16.86	7.7		9.7	94.9		69.9	1.50	0.78	0.338	0.010 U	0.070
3/25/97	1315	1.0	9.6	11.82	8.96		3	9.2	87.8	2.0	49.2	0.99	0.42	0.229	0.031	0.049
3/25/97	1320	10.0	8.9	17.33	13.33			8.9	86.1		47.1	1.10	0.44	0.257	0.034	0.056
4/21/97	1625	0.5	11.7	20.20	15.17		10	9.6	100.9	2.5	56.5	3.10	1.00	0.194	0.010 U	0.059
4/21/97	1630	8.5	11.3	21.42	16.18			9.5	100.0		59.0	3.10	1.40	0.209	0.010 U	0.067
5/30/97	1525	1.0	15.5	23.61	17.11			8.9	103.4	1.8	46.6	11.50	1.90	0.064	0.010 U	0.062
5/30/97	1530	10.0	14.9	24.70	18.08			8.7	100.6		37.6	7.90	2.70	0.072	0.022	0.067
6/24/97	1605	0.5	17.4	23.53	16.66		1	7.8	93.8	2.8	58.2	2.20	0.65	0.098	0.056	0.077
6/24/97	1610	7.0	15.1	25.93	18.98			8.1	94.7		54.6	3.70	1.60	0.117	0.059	0.079
7/21/97	1425	0.5	19.7	25.06	17.27		4	6.4	82.3	3.0	60.3	4.90	1.80	0.029	0.017	0.073
7/21/97	1430	8.5	18.7	25.74	18.03			7.3	91.5		61.1	11.10	1.50	0.033	0.019	0.070
8/27/97	1610	0.5	18.0	26.71	18.94		39	5.4	67.0	3.6	60.9	3.50	1.70	0.044	0.065	0.085
8/27/97	1615	10.0	17.2	27.53	19.75			6.1	75.4		65.6	5.20	2.30	0.033	0.039	0.063
9/24/97	1520	0.5	16.7	25.94	18.64		3	5.6	68.3	2.9	63.5	1.90	0.98			
9/24/97	1525	10.0	16.1	27.00	19.58			6.2	74.5		70.6	2.30	0.96			

PNN001

Lat

48.231

Long (decimal):

-122.674

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/12/95	1255	0.5	12.4	22.97	17.20	8.0		9.4	102.2	2.9	52.9					
10/12/95	1300	10.0	12.7	27.03	20.29	7.9		8.0	89.4		77.8					
10/12/95	1305	12.5	12.7	27.62	20.74	7.9		7.3	82.5		79.2					
11/1/95	1345	0.5	8.9	20.68	15.94	8.1		11.5	113.7	4.1	64.6					
11/1/95	1350	10.0	11.8	29.67	22.50	7.5		4.1	46.4		83.3					
11/1/95	1355	30.0	11.7	30.34	23.02	7.5		2.6	29.4		52.8					
3/6/96	1415	0.5	7.9	17.06	13.23	8.7		14.2	134.8	3.0	53.4					
3/6/96	1420	10.0	9.3	27.59	21.27	7.6		7.4	77.2		80.4					
3/6/96	1425	30.0	9.7	28.38	21.84	7.5		5.1	53.8		42.8					
4/10/96	1540	0.5	11.1	23.10	17.51	8.4		10.8	114.1	6.5	82.0					
4/10/96	1545	10.0	9.2	27.90	21.54	7.5		6.1	64.1		89.7					
4/10/96	1550	25.0	9.1	28.51	22.03	7.5		5.3	55.4		61.2					
5/9/96	1520	1.5	11.8	23.00	17.33	8.4		14.7	158.1	4.7	74.8					
5/9/96	1525	10.0	9.5	27.25	20.98	7.6		8.3	86.8		87.9					
5/9/96	1530	21.5	9.1	28.28	21.84	7.4		5.9	62.3		76.1					
6/11/96	1400	0.5	13.3	20.36	15.04	8.3		10.7	116.7	3.4	45.5					
6/11/96	1410	10.0	10.6	26.89	20.54	7.6		6.9	73.8		64.5					
8/6/96	1620	0.5	14.7	24.22	17.74	8.3		10.5	121.0	3.4	56.8					
8/6/96	1625	10.0	11.2	27.98	21.29	7.7		7.3	79.4		81.0					
8/6/96	1630	30.0	10.0	28.98	22.26	7.4		3.4	36.8		44.3					
9/11/96	1630	0.5	15.7	24.30	17.60	8.3		9.1	107.3	6.7	78.5					
9/11/96	1635	10.0	11.1	29.03	22.12	7.5		4.2	46.4		87.2					
9/11/96	1640	30.0	10.6	29.60	22.63	7.4		2.5	26.8		19.6					

PSB003

Lat

47.660

Long (decimal):

-122.442

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/18/95	1345	1.0	13.1	28.77	21.55	8.0	2	8.8	101.0	6.7	83.0	13.90	2.30	0.153	0.010 U	0.042
10/18/95	1350	10.0	12.5	30.03	22.64	8.0		7.8	89.1		80.4	12.60	2.80	0.209	0.010 U	0.050
10/18/95	1355	18.0	12.3	30.36	22.93	7.8		6.6	75.5		85.7			0.257	0.010 U	0.059
11/14/95	1045	0.5	11.2	24.62	18.68	7.7	7 S	7.9	84.2	1.6	40.2	0.55	0.35	0.307	0.010 U	0.052
11/14/95	1050	10.0	11.4	29.54	22.47	7.7		7.1	78.2		80.4					
11/14/95	1100	30.0	11.4	30.03	22.84	7.6		6.7	74.4		87.2					
12/20/95	1300	0.5	9.3	25.97	20.01	7.6	7	8.1	83.9	7.0	79.8	0.41	0.18	0.398	0.010 U	0.067
12/20/95	1305	10.0	9.9	28.08	21.57	7.5		7.3	78.2		86.2	0.29	0.19	0.350	0.010 U	0.062
12/20/95	1310	13.0	10.2	28.93	22.19	7.5		6.9	74.3		87.5			0.382	0.010 U	0.074
1/8/96	1330	0.5	9.6	26.11	20.08	7.8	77	8.4	87.8	5.0	70.7	0.38	0.21	0.214	0.010 U	0.028
1/8/96	1335	1.0	9.6	26.11	20.08	7.8		8.4	87.9		70.8	0.23	0.23	0.326	0.010 U	0.056
1/8/96	1340	30.0	9.9	28.73	22.08	7.7		7.3	78.4		88.4			0.375	0.010 U	0.063
2/21/96	1310	0.5	8.1	25.28	19.63		13 S	8.3	82.9	4.8	60.9	0.49	0.27	0.354	0.010 U	0.053
2/21/96	1315	10.0	8.5	27.81	21.57			7.7	79.6		81.1	0.30	0.18	0.277	0.010 U	0.042
2/21/96	1320	30.0	8.5	28.03	21.73			7.6	78.1		82.6			0.212	0.010 U	0.031
3/25/96	1355	1.0	8.8	27.14	21.01	7.9	1	8.5	87.9	9.3	61.8	0.69	0.25	0.355	0.012	0.056
3/25/96	1400	10.0	8.5	28.19	21.87	7.8		8.1	83.5		89.1	0.93	0.41	0.385	0.011	0.065
3/25/96	1405	21.0	8.5	28.21	21.89	7.8		8.0	82.3		89.0			0.379	0.011	0.064
5/8/96	1245	0.5	10.0	27.46	21.07	7.8	1 U	8.4	88.8	9.7	83.6	1.80	0.44	0.225	0.012	0.040
5/8/96	1245	10.0	9.6	28.14	21.66	7.8		8.0	84.7		87.1	4.70	0.85	0.197	0.015	0.039
5/8/96	1255	30.0	9.3	28.43	21.93	7.7		7.6	79.9		88.3			0.281	0.016	0.055
6/3/96	1045	0.5	11.4	27.50	20.87	7.9	1	9.0	99.0	6.2	76.1	9.50	1.20	0.115	0.013	0.030
6/3/96	1045	10.0	10.5	28.32	21.66	7.8		8.5	91.6		82.1	9.60	1.40	0.171	0.022	0.043
6/3/96	1055	28.5	10.1	28.57	21.93	7.7		7.8	83.1		87.2			0.192	0.028	0.046
7/1/96	1330	0.5	12.3	28.68	21.63	8.0	1 U	8.9	99.6	9.1	82.6	4.30	1.00	0.129	0.010 U	0.031
7/1/96	1335	10.0	11.9	28.80	21.81	8.0		8.7	96.7		83.5	5.60	1.60	0.086	0.010 U	0.018
7/1/96	1340	26.5	10.9	29.13	22.22	7.8		7.5	81.9		86.0			0.186	0.021	0.041
8/5/96	1305	0.5	14.2	28.85	21.40	8.0	1 U	8.1	95.5	12.3	85.5	3.20	0.20	0.167	0.037	0.047
8/5/96	1310	10.0	12.6	29.43	22.15	8.0		8.0	91.5		89.1	4.20	0.98	0.151	0.036	0.042
8/5/96	1315	30.0	12.5	29.46	22.19	7.9		7.7	87.8		89.9			0.165	0.050	0.047
9/9/96	1450	0.5	13.9	29.51	21.97	7.9	1 U	8.0	94.0	11.1	70.0	5.10	0.65	0.184	0.010 U	0.045
9/9/96	1455	10.0	13.0	29.89	22.43	7.7		7.1	82.1		88.4	0.45	0.30	0.287	0.010 U	0.059
9/9/96	1500	30.0	12.5	30.02	22.63	7.6		6.1	69.3		90.0			0.313	0.010 U	0.063

PSB003

Lat

47.660

Long (decimal):

-122.442

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/1/96	1515	1.0	12.6	29.56	22.25		1 U	6.1	69.4	10.9	87.9	0.91	0.42	0.288	0.010 U	0.062
10/1/96	1518	10.0	12.3	30.22	22.83			6.0	68.1		91.2	1.60	0.46	0.295	0.010 U	0.065
10/1/96	1525	30.0	12.0	30.28	22.92			5.5	62.3		88.2			0.323	0.010 U	0.067
12/11/96	1316	0.5	9.5	29.23	22.53	7.6	2	6.8	72.1	7.4	84.3					
12/11/96	1319	10.0	9.7	29.76	22.92	7.6		6.6	70.3		87.0					
12/11/96	1330	30.0	9.7	29.96	23.07	7.6		6.5	69.4		88.5					
1/21/97	1450	0.5	8.0	24.37	18.94	7.5	300 S	8.2	81.2	2.0	53.5			0.431	0.010 U	0.063
1/21/97	1455	10.0	8.3	28.62	22.22	7.5		7.5	76.8		86.5			0.263	0.010 U	0.042
1/21/97	1505	30.0	8.4	28.75	22.32	7.5		7.4	76.6		85.8			0.425	0.010 U	0.080
2/20/97	1420	0.5	8.1	24.66	19.15	7.7	1	9.6	96.4	6.0	71.4	0.90	0.33	0.410	0.010 U	0.095
2/20/97	1425	10.0	8.0	27.98	21.77	7.6		8.7	88.9		89.2	0.47	0.37	0.427	0.010 U	0.103
2/20/97	1445	30.0	8.0	28.60	22.25	7.6		8.2	83.7		86.5			0.430	0.010 U	0.103
3/27/97	1425	0.5	8.5	25.14	19.47	7.7	1	9.0	91.0	4.9	74.6	1.10	0.35	0.352	0.010 U	0.073
3/27/97	1430	10.0	8.3	27.43	21.29	7.6		8.0	82.1		79.6	0.69	0.40	0.373	0.010 U	0.085
3/27/97	1435	27.0	8.1	28.30	22.01	7.6		9.8	100.6		77.6			0.374	0.010 U	0.092
4/14/97	1625	0.5	8.9	27.09	20.95	7.8	1	9.7	100.6	8.6	82.7	2.50	0.72	0.339	0.010 U	0.104
4/14/97	1639	10.0	8.5	28.12	21.81	7.8		9.3	95.3		85.4	3.50	0.44	0.374	0.010 U	0.104
4/14/97	1635	30.0	8.4	28.22	21.90	7.7		8.9	91.2		85.6			0.358	0.034	0.108
5/14/97	1445	1.0	13.6	21.90	16.18		1 U	16.2	179.7	3.0	44.2	35.40	0.59	0.036	0.023	0.057
5/14/97	1445	10.0	9.8	27.92	21.47			10.1	106.8		78.8	14.20	1.50	0.259	0.025	0.089
5/14/97	1555	30.0	9.2	28.41	21.93			8.5	89.3		85.7			0.340	0.024	0.098
6/10/97	1435	0.5					1			3.7		18.50	1.20	0.057	0.010 U	0.060
6/10/97	1440	10.0										22.00	2.90	0.156	0.010 U	0.075
6/10/97	1445	30.0												0.306	0.010 U	0.089
7/7/97	1430	1.0	13.5	27.22	20.29		1 U	10.2	116.0	4.3	65.9	10.60	3.00	0.084	0.010 U	0.091
7/7/97	1435	10.0	12.2	27.99	21.11			8.0	89.4		81.7	9.00	2.90	0.148	0.012	0.097
7/7/97	1440	18.5	11.8	28.21	21.35			8.2	91.0		82.4			0.183	0.021	0.091
8/11/97	1535	0.5	14.6	28.67	21.18		1 U	7.2	85.1	9.8	82.2	5.70	0.28	0.192	0.010 U	0.113
8/11/97	1540	10.0	13.9	28.75	21.38			7.7	90.1		83.6	10.90	0.67	0.159	0.010 U	0.091
8/11/97	1555	30.0	12.3	28.99	21.87			5.6	63.0		87.0			0.261	0.010 U	0.107
9/22/97	1435	0.5	13.6	29.13	21.72		2	6.1	71.0	12.8	60.3	2.70	0.64	0.252	0.010 U	0.073
9/22/97	1440	10.0	13.0	29.40	22.06			6.0	69.1		82.7	3.00	0.25	0.275	0.010 U	0.077
9/22/97	1445	30.0	12.6	29.64	22.32			5.6	63.7		83.9			0.284	0.011	0.076

PSS019

Lat

48.017

Long (decimal):

-122.308

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1030	0.5	12.2	21.61	16.18	7.8		8.0	86.4	3.7	55.4	4.20	1.60	0.245		0.040
10/12/95	1035	10.0	12.1	29.47	22.28	7.7		5.9	66.7		91.3	1.90	1.10	0.291		0.060
10/12/95	1040	30.0	11.9	30.29	22.94	7.7		4.9	55.2		93.8			0.325		0.070
11/1/95	1525	0.5	9.0	19.90	15.32	8.1	1 U	10.9	107.5	4.5	65.2	11.60	0.72	0.071	0.010 U	0.016
11/1/95	1530	10.0	11.9	30.20	22.88	7.7		6.2	69.3		90.7	0.27	0.25	0.248	0.010 U	0.052
11/1/95	1540	30.0	11.9	30.36	23.01	7.7		5.5	62.1		91.4			0.213	0.010 U	0.045
12/19/95	1420	0.5	7.7	14.84	11.52	7.6	5	10.0	92.4	3.6	61.2	0.51	0.32	0.331	0.023	0.040
12/19/95	1425	10.0	9.9	27.70	21.27	7.5		7.4	78.6		84.8	0.08	0.14	0.351	0.010 U	0.063
12/19/95	1435	30.0	10.4	29.00	22.21	7.5		6.7	72.1		86.9			0.376	0.010 U	0.070
2/12/96	1600	0.5	5.8	3.41	2.66	7.5	120 S	11.8	97.1	0.2	0.4	1.00	0.58	0.325	0.037	0.010 U
2/12/96	1605	10.0	8.5	27.72	21.49	7.7		8.1	83.4		85.1	0.22	0.21	0.295	0.010 U	0.043
2/12/96	1610	30.0	9.7	28.71	22.10	7.7		6.9	73.7		88.9			0.235	0.010 U	0.039
3/6/96	1600	0.5	8.1	21.09	16.36	8.4	1 U	13.1	127.5	3.3	60.3	28.60	2.70	0.027	0.010 U	0.010 U
3/6/96	1605	10.0	8.3	27.21	21.12	7.8		8.7	89.1		86.4	1.80	0.49	0.374	0.010 U	0.054
3/6/96	1615	30.0	8.5	28.16	21.83	7.7		7.7	79.6		87.9			0.267	0.010 U	0.037
4/10/96	1805	0.5	11.2	15.32	11.47	8.4	1 U	10.7	108.3	2.5	48.2	5.90	0.78	0.049	0.013	0.010 U
4/10/96	1810	10.0	9.4	26.96	20.77	8.0		8.5	88.3		89.3	4.90	0.46	0.134	0.010 U	0.020
4/10/96	1815	30.0	8.9	28.54	22.08	7.6		6.7	69.4		91.9			0.333	0.010 U	0.051
5/9/96	1655	0.5	13.1	16.87	12.38	8.3	1 U	12.1	128.6	4.2	65.5	3.10	0.88	0.094	0.023	0.010 U
5/9/96	1700	10.0	9.7	27.77	21.35	7.8		9.7	102.6		91.8	3.60	0.54	0.254	0.013	0.046
5/9/96	1715	30.0	9.4	28.47	21.95	7.7		8.7	91.6		90.8			0.271	0.015	0.048
6/11/96	1605	0.5	15.9	19.29	13.73	8.4	1 U	10.4	119.5	3.7	52.2	4.30	0.80	0.010 U	0.010 U	0.010 U
6/11/96	1610	10.0	10.3	28.07	21.50	7.8		8.0	86.1		87.1	11.80	2.80	0.197	0.010 U	0.049
6/11/96	1620	26.5	9.6	28.64	22.06	7.6		6.8	71.6		83.9			0.325	0.010 U	0.070
7/10/96	1520	0.5	16.3	24.33	17.49	8.5		10.3	123.3	3.2	48.3	6.20	1.90	0.010 U	0.010 U	0.010 U
7/10/96	1525	10.0	10.8	28.75	21.94	7.9		7.4	80.5		90.6	0.88	0.79	0.223	0.014	0.044
7/10/96	1530	30.0	10.5	29.13	22.29	7.8		6.6	71.4		91.9			0.262	0.020	0.054
8/6/96	1035	0.5	14.4	25.89	19.09	8.1	3	8.2	94.9	9.1	63.8	1.20	1.50	0.056	0.026	0.022
8/6/96	1040	10.0	12.3	29.01	21.89	7.9		7.5	84.1		91.7	0.68	0.99	0.171	0.033	0.051
8/6/96	1045	30.0	11.0	29.38	22.40	7.7		6.2	68.2		91.4			0.282	0.010 U	0.060

PSS019

Lat

48.017

Long (decimal):

-122.308

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1327	0.5	12.8	26.23	19.65		1 U	8.6	96.1	5.1	74.2	10.60	1.30	0.081	0.010 U	0.017
10/1/96	1330	10.0	11.6	29.68	22.54			5.5	61.7		89.8	1.30	0.74	0.196	0.010 U	0.029
10/1/96	1345	30.0	11.7	30.15	22.88			5.0	55.6		89.2			0.347	0.010 U	0.070
11/4/96	1355	0.5	9.3	16.13	12.34	7.9	5	9.6	93.7	5.7	62.9	4.90	0.89	0.314	0.010 U	0.029
11/4/96	1400	10.0	11.2	29.26	22.28	7.7		6.1	66.9		86.1	0.47	0.37	0.352	0.010 U	0.070
11/4/96	1415	30.0	11.5	30.38	23.10	7.7		5.1	57.3		86.1			0.366	0.010 U	0.074
12/11/96	1154	0.5	7.6	20.65	16.07	7.6	6	8.7	83.9	3.4	71.8					
12/11/96	1156	10.0	9.6	27.79	21.38	7.6		6.7	70.3		89.2					
12/11/96	1218	30.0	10.5	29.89	22.89	7.6		5.8	63.1		91.3					
1/21/97	1345	0.5	7.5	22.81	17.79	7.6	2	9.0	87.7	3.2	73.3			0.467	0.013	0.063
1/21/97	1350	10.0	7.8	25.18	19.60	7.5		8.5	84.3		81.7			0.330	0.010 U	0.049
1/21/97	1405	30.0	8.3	28.77	22.34	7.5		7.5	77.4		88.6			0.493	0.010 U	0.090
2/20/97	1320	0.5	7.5	20.42	15.90	7.6	1	10.1	96.5	3.7	67.2	0.94	0.47	0.376	0.010 U	0.067
2/20/97	1325	10.0	7.6	24.93	19.43	7.6		9.0	89.2		81.1			0.385	0.010 U	0.064
2/20/97	1330	30.0	8.0	28.37	22.07	7.6		8.1	82.3		88.0			0.418	0.010 U	0.100
3/27/97	1315	0.5	8.7	16.57	12.76	7.8	3	9.6	92.1		51.3	7.40	0.60	0.269	0.010 U	0.038
3/27/97	1320	10.0	8.5	24.16	18.71	7.7		8.4	84.9		79.0	0.90	0.35	0.303	0.010 U	0.069
3/27/97	1340	30.0	8.1	28.38	22.07	7.6		7.5	76.3		86.2			0.282	0.010 U	0.058
4/14/97	1450	0.5	9.2	21.84	16.81	8.2	1 U	10.0	100.6	3.2	68.8					
4/14/97	1455	10.0	8.3	27.57	21.40	7.8		9.6	97.8		84.1					
4/14/97	1500	30.0	8.2	28.06	21.81	7.7		8.6	87.7		88.2					
5/14/97	1310	1.0	14.9	12.26	8.55		1 U	11.6	124.8	2.4	38.4	7.30	0.25	0.030	0.010 U	0.035
5/14/97	1315	10.0	9.1	27.57	21.30			8.9	92.8		84.5	15.20	0.05 U	0.221	0.010 U	0.073
5/14/97	1330	30.0	8.9	28.50	22.05			7.9	82.3		91.6			0.388	0.011	0.104
6/10/97	1335	0.5					3			2.8		4.50	1.00	0.035	0.010 U	0.021
6/10/97	1340	10.0										1.30	0.61	0.329	0.018	0.092
6/10/97	1345	30.0												0.355	0.017	0.097
7/7/97	1345	0.5	15.2	14.97	10.55		2	10.7	118.0	4.1	51.8	8.00	1.80	0.015	0.010 U	0.027
7/7/97	1350	10.0	10.9	28.00	21.35			7.8	84.9		84.7	3.90	3.50	0.286	0.010	0.094
7/7/97	1355	30.0	10.3	28.64	21.94			6.6	71.1		85.3			0.312	0.010 U	0.102
8/11/97	1420	0.5	17.5	23.48	16.58		1 U	8.7	106.0	4.0	51.8	4.70	0.18	0.021	0.010 U	0.061
8/11/97	1425	10.0	12.5	28.40	21.39			6.4	72.1		86.0	1.20	0.87	0.134	0.010 U	0.059
8/11/97	1435	30.0	11.1	28.75	21.90			5.3	58.4		86.1			0.483	0.010 U	0.156
9/22/97	1335	0.5	15.0	21.42	15.52		1 U	7.9	90.2	7.8	43.2	5.80	0.77	0.116	0.010 U	0.044
9/22/97	1335	10.0	12.3	28.65	21.61			6.1	68.7		85.7	1.50	0.45	0.248	0.011	0.070
9/22/97	1345	30.0	11.3	29.28	22.27			4.7	52.1		86.8			0.279	0.010 U	0.065

PTH005

Lat

48.083

Long (decimal):

-122.763

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1710	0.5	11.1	31.30	23.87	7.8		6.6	73.8	8.1	82.7	3.20	0.87	0.308	0.017	0.060
10/12/95	1715	10.0	10.7	31.36	23.99	7.8		6.4	70.2		83.5	5.20	0.74	0.313	0.014	0.061
11/1/95	1030	0.5	9.8	31.01	23.86	7.7	1 U	7.3	78.6	8.9	83.0	5.00	0.62	0.273	0.010 U	0.054
11/1/95	1035	10.0	9.8	31.02	23.88	7.7		7.1	77.3		82.3	3.10	1.00	0.215	0.012	0.038
12/19/95	1010	0.5	8.7	28.81	22.32	7.6	2	8.3	86.3	6.0	80.0	0.80	0.45	0.228	0.010 U	0.037
12/19/95	1015	10.0	8.7	29.05	22.50	7.6		8.1	84.2		83.1	0.32	0.30	0.325	0.010 U	0.056
2/12/96	1420	0.5	8.2	29.15	22.65	7.8	1 U	7.8	80.1	6.6	83.1	0.75	0.43	0.215	0.010 U	0.030
2/12/96	1425	10.0	8.1	29.61	23.03	7.8		7.6	78.0		85.4	0.59	0.32	0.372	0.010 U	0.063
3/6/96	1045	0.5	7.9	29.10	22.65	7.8	1	8.0	81.7	8.2	82.4	1.10	0.52	0.190	0.010 U	0.023
3/6/96	1050	10.0	7.9	29.31	22.82	7.8		7.9	80.5		82.8	0.72	0.56	0.329	0.010 U	0.050
4/10/96	1025	0.5	9.1	29.57	22.86	7.9	1 U	7.4	78.1	9.3	80.8	1.30	0.47	0.161	0.015	0.022
4/10/96	1030	10.0	8.7	30.22	23.42	7.8		7.0	73.6		84.1	1.40	0.68	0.207	0.017	0.028
5/9/96	1055	0.5	10.1	29.32	22.50	7.9	1 U	9.3	99.9		83.1	4.60	1.10	0.193	0.010 U	0.038
5/9/96	1105	10.0	9.6	29.63	22.83	7.8		8.6	91.8		87.9	2.90	0.69	0.172	0.010	0.031
6/11/96	1415	0.5	11.2	29.75	22.65	8.1	1 U	9.2	101.5	3.5	56.1	21.30	1.40	0.013	0.010 U	0.019
6/11/96	1425	10.0	10.2	30.15	23.14	7.8		7.4	80.5		75.8	13.50	2.20	0.152	0.012	0.041
7/10/96	1330	0.5	13.0	29.99	22.52	8.3		10.8	124.7	3.0	50.9	25.00	3.10	0.010 U	0.010 U	0.010
7/10/96	1335	10.0	10.8	30.43	23.25	8.0		7.7	85.3		74.0	9.70	3.00	0.150	0.014	0.032
8/6/96	1820	1.0	12.8	30.56	23.00	8.1	1 U	8.4	96.6		72.1	12.40	2.60	0.107	0.010 U	0.048
8/6/96	1825	10.0	11.2	30.68	23.37	8.0		7.4	82.6		78.4	9.80	2.50	0.201	0.011	0.060
9/11/96	1130	0.5	12.3	30.99	23.42	7.8	1 U	7.9	90.1	5.7	54.9	10.00	0.06	0.175	0.010 U	0.043
9/11/96	1120	10.0	11.3	31.13	23.72	7.6		6.7	75.2		79.0	4.40	1.00	0.282	0.010 U	0.058

PTH005

Lat

48.083

Long (decimal):

-122.763

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1055	0.5	10.9	31.11	23.75		1 U	6.8	74.9	6.9	81.2	5.70	1.50		0.010 U	0.051
10/1/96	1058	10.0	10.6	31.19	23.87			6.3	69.1		81.7	5.10	1.50	0.306	0.010 U	0.058
11/4/96	1140	0.5	9.7	30.70	23.65	7.8	1	6.7	71.7	11.4	84.7	0.63	0.41	0.316	0.010 U	0.053
11/4/96	1140	10.0	9.6	30.82	23.75	7.8		6.9	74.1		85.1	0.63	0.45	0.375	0.010 U	0.069
12/11/96	1007	0.5	8.3	30.43	23.65	7.6	1 U	7.7	80.5	7.5	85.2					
12/11/96	1010	10.0	8.3	30.55	23.75	7.6		7.6	78.8		83.9					
1/21/97	1115	0.5	7.6	29.45	22.97	7.6	3	8.0	81.6	6.0	83.3			0.463	0.010 U	0.078
1/21/97	1120	10.0	7.6	29.78	23.23	7.6		7.9	81.0		82.8			0.330	0.010 U	0.053
2/20/97	1055	0.5	7.7	29.37	22.90	7.7	2	8.7	89.0	6.5	78.6	2.00	0.64	0.367	0.010 U	0.093
2/20/97	1100	10.0	7.7	29.70	23.16	7.6		8.4	86.1		80.8	0.74	0.62	0.371	0.010 U	0.094
3/27/97	1105	0.5	8.3	28.51	22.14	7.7	1 U	8.4	86.5	6.8	77.9	1.60	0.63	0.304	0.010 U	0.078
3/27/97	1110	10.0	8.4	28.75	22.32	7.7		8.4	86.2		76.3	1.50	1.00	0.286	0.010 U	0.076
4/14/97	1350	1.0	8.8	29.48	22.83	7.9	1 U	9.6	100.6	3.9	75.7	9.60	1.70	0.199	0.010 U	0.093
4/14/97	1400	10.0	8.5	29.92	23.22	7.8		9.2	95.5		78.9	4.30	0.34	0.306	0.010 U	0.099
5/14/97	1055	0.5	11.5	29.05	22.06		1 U	12.8	141.7	2.7	47.9	5.30	0.35	0.056	0.030	0.066
5/14/97	1100	10.0	9.7	29.85	22.98			9.1	97.9		70.4	12.60	1.50	0.279	0.035	0.094
6/10/97	1125	0.5					1 U					32.80	2.60	0.019	0.010 U	0.060
6/10/97	1130	10.0										8.50	0.97	0.237	0.010 U	0.087
7/7/97	1125	0.5	12.2	29.40	22.20		1 U	9.1	102.5	3.6	57.8	21.00	2.50	0.125	0.010 U	0.093
7/7/97	1140	10.0	11.0	29.97	22.87			7.0	77.1		71.3	7.80	1.70	0.250	0.010 U	0.096
8/11/97	1200	0.5	14.9	29.90	22.07		1 U	8.6	102.9	5.2	65.1	8.80	1.20	0.049	0.010 U	0.073
8/11/97	1205	10.0	11.9	30.27	22.94			7.1	79.9		76.4	19.70	3.80	0.105	0.010 U	0.085
9/22/97	1115	0.5	12.4	30.57	23.08		1 U	6.2	70.5	8.6	58.6	3.90	1.50	0.225	0.011	0.069
9/22/97	1120	10.0	11.1	30.76	23.46			5.2	58.1		78.9	0.73	0.48	0.323	0.020	0.082

SAR003

Lat

48.108

Long (decimal):

-122.490

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/12/95	1115	0.5	12.1	21.90	16.42	7.8		7.7	82.7	2.2	52.6	1.80	0.88	0.254		0.044
10/12/95	1120	10.0	12.3	28.38	21.40	7.8		6.8	76.8		87.6	3.40	1.20	0.228	0.010 U	0.055
10/12/95	1130	30.0	11.9	30.03	22.75	7.7		4.9	54.6		89.6			0.227	0.010 U	0.054
11/1/95	1410	0.5	9.8	22.27	17.06	8.3	1	11.3	116.1	4.1	59.9	20.20	2.50	0.014	0.010 U	0.014
11/1/95	1415	10.0	11.9	29.90	22.65	7.7		6.1	68.3		91.9	3.00	0.61	0.245	0.010 U	0.049
11/1/95	1425	30.0	11.9	30.52	23.14	7.7		4.9	55.7		86.9			0.236	0.010 U	0.047
12/19/95	1310	0.5	7.8	16.75	13.00	7.6	2	9.9	92.8	3.9	68.7	1.70	0.59	0.346	0.021	0.048
12/19/95	1315	10.0	10.0	27.36	21.00	7.5		7.4	78.4		86.7	0.08	0.12	0.385	0.010 U	0.071
12/19/95	1330	30.0	10.3	28.84	22.10	7.5		6.6	71.4		89.4			0.379	0.010 U	0.072
2/12/96	1520	0.5	6.4	11.25	8.82	7.8	1	10.7	94.1	1.2	32.9	1.10	0.44	0.188	0.010 U	0.012
2/12/96	1525	10.0	9.2	28.10	21.70	7.6		7.3	75.9		88.3	0.25	0.17	0.383	0.010 U	0.071
2/12/96	1535	30.0	9.7	28.66	22.05	7.6		6.4	68.2		86.2			0.378	0.010 U	0.070
3/6/96	1440	0.5	8.0	19.80	15.37	8.5	1 U	13.8	133.3	3.1	54.3	35.10	2.50	0.010 U	0.010 U	0.010 U
3/6/96	1440	10.0	8.7	26.69	20.67	7.8		8.9	90.8		84.5	3.70	0.57	0.203	0.010 U	0.020
3/6/96	1500	30.0	8.8	28.22	21.84	7.7		7.4	76.7		85.4			0.398	0.010 U	0.062
4/10/96	1605	0.5	11.3	23.71	17.95	8.5	1 U	11.1	118.6	9.5	88.2	8.30	0.52	0.010 U	0.010 U	0.010 U
4/10/96	1610	10.0	9.1	27.80	21.48	7.8		7.9	82.3		90.3	6.70	1.20	0.141	0.010 U	0.017
4/10/96	1615	30.0	8.9	28.61	22.13	7.6		6.5	68.0		92.3			0.300	0.010 U	0.043
5/9/96	1610	0.5	12.0	21.77	16.34	8.5	1 U	13.6	145.3	7.7	83.8	2.70	0.48	0.010 U	0.010 U	0.010 U
5/9/96	1615	10.0	9.7	27.30	20.99	7.8		10.1	106.8		84.4	24.60	3.50	0.102	0.010 U	0.016
5/9/96	1630	30.0	9.3	28.39	21.90	7.7		8.6	90.3		91.6			0.297	0.016	0.055
6/11/96	1520	0.5	14.6	21.86	15.95	8.4	1 U	11.1	126.0	3.2	47.3	12.60	1.70	0.010 U	0.010 U	0.010 U
6/11/96	1525	10.0	10.2	27.62	21.17	7.8		8.2	87.9		82.9	19.10	1.30	0.174	0.010 U	0.047
6/11/96	1540	30.0	9.6	28.49	21.94	7.5		6.6	69.8		91.9			0.211	0.010 U	0.044
7/10/96	1400	0.5	14.1	25.92	19.17	8.5		10.3	118.0	3.0	48.9	11.40	4.10	0.010 U	0.010 U	0.010 U
7/10/96	1405	10.0	10.2	28.52	21.87	7.8		6.8	73.5		85.8	5.90	2.60	0.255	0.012	0.054
7/10/96	1430	30.0	10.1	29.08	22.32	7.7		6.1	65.6		91.2			0.288	0.010 U	0.056
8/6/96	1645	0.5					1 U			5.0		3.40	1.10	0.010 U	0.021	0.016
8/6/96	1650	10.0										0.77	0.31	0.233	0.028	0.051
8/6/96	1655	30.0												0.263	0.023	0.056
9/11/96	1655	0.5	14.9	25.63	18.78	8.3	1 U	8.8	102.9	7.0	46.7	6.10	0.53	0.010 U	0.010 U	0.023
9/11/96	1700	10.0	12.3	28.56	21.53	7.9		6.0	67.6		86.8	1.10	0.47	0.327	0.010 U	0.067
9/11/96	1710	30.0	11.2	29.99	22.84	7.7		4.6	51.1		84.6			0.342	0.010 U	0.067

SAR003

Lat

48.108

Long (decimal):

-122.490

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/1/96	1220	0.5	12.6	27.97	21.03		1 U	9.7	109.5	4.1	65.2	35.80	1.60	0.021	0.010 U	0.024
10/1/96	1220	10.0	11.7	29.39	22.30			6.2	68.8		86.3	6.20	1.90	0.275	0.010 U	0.065
10/1/96	1232	30.0	11.5	30.00	22.80			4.8	53.4		88.2			0.352	0.010 U	0.063
11/4/96	1305	0.5	10.0	21.98	16.80	7.9	1	8.6	88.0	8.0	77.7	1.80	0.75	0.279	0.010 U	0.043
11/4/96	1305	10.0	11.3	29.08	22.12	7.7		5.3	58.8		87.9	0.51	0.17	0.337	0.010 U	0.075
11/4/96	1325	30.0	11.5	30.20	22.96	7.7		4.7	52.4		86.8			0.373	0.010 U	0.079
12/11/96	1114	0.5	7.4	21.62	16.86	7.6	1 U	8.9	85.6	4.8	86.9					
12/11/96	1116	10.0	8.3	24.43	18.95	7.6		8.0	79.7		91.0					
12/11/96	1138	30.0	10.7	30.00	22.94	7.5		5.4	58.7		89.5					
1/21/97	1255	1.0	7.1	20.64	16.12	7.6	1	9.7	92.6	3.0	65.1			0.496	0.011	0.079
1/21/97	1300	10.0	8.1	26.20	20.36	7.5		8.4	84.7		87.5			0.458	0.010 U	0.084
1/21/97	1320	30.0	8.5	28.86	22.39	7.5		7.4	76.6		88.0			0.395	0.010 U	0.078
2/20/97	1220	0.5	7.2	18.99	14.82	7.7	1 U	10.6	99.6	3.8	64.9	1.80	0.49	0.355	0.010 U	0.062
2/20/97	1225	10.0	7.8	25.89	20.16	7.6		9.0	89.6		85.4	0.68	0.35	0.393	0.010 U	0.075
2/20/97	1245	30.0	8.3	28.49	22.13	7.5		7.7	79.6		87.6			0.421	0.010 U	0.055
3/27/97	1220	0.5	8.8	14.64	11.25	8.0	1 U	10.7	101.9	2.4	52.5	14.80	1.30	0.115	0.010 U	0.025
3/27/97	1230	10.0	8.2	25.95	20.15	7.7		8.1	81.6		85.8	0.40	0.33	0.293	0.010 U	0.074
3/27/97	1235	30.0	8.1	28.39	22.07	7.5		7.3	75.1		86.1			0.404	0.010 U	0.095
4/14/97	1215	0.5	9.7	23.28	17.86	8.3	1 U	9.8	100.6	3.1	64.1	17.20	1.90	0.039	0.010 U	0.063
4/14/97	1220	10.0	8.8	26.00	20.10	8.0		10.5	108.0		71.5	12.30	2.00	0.175	0.010 U	0.082
4/14/97	1230	30.0	8.2	28.08	21.82	7.6		8.3	84.7		87.8			0.411	0.010 U	0.112
5/14/97	1220	1.0	16.3	15.04	10.40		1 U	11.5	129.1	3.9	64.2	4.00	0.49	0.026	0.010 U	0.046
5/14/97	1225	10.0	8.7	27.55	21.33			9.4	96.9		80.3	23.00	0.46	0.294	0.018	0.077
5/14/97	1240	30.0	8.6	28.43	22.03			7.6	78.4		91.6			0.417	0.020	0.110
6/10/97	1240	0.5					1 U			2.5		9.40	2.00	0.010 U	0.010 U	0.035
6/10/97	1245	10.0										1.70	1.00	0.249	0.016	0.072
6/10/97	1250	30.0												0.357	0.013	0.091
7/7/97	1255	0.5	15.4	17.95	12.79		1 U	10.7	120.1	4.0	54.0	7.90	0.18	0.013	0.010 U	0.056
7/7/97	1300	10.0	10.5	27.10	20.71			7.2	77.1		82.5	9.50	1.50	0.259	0.010 U	0.113
7/7/97	1315	30.0	10.1	28.42	21.80			6.5	69.3		85.2			0.367	0.010 U	0.113
8/11/97	1330	0.5	18.8	19.04	12.92		1 U	10.1	122.3		51.6	4.10	0.37	0.023	0.010 U	0.059
8/11/97	1335	10.0	11.7	28.30	21.44			6.4	70.8		85.3	0.82	0.42	0.413	0.010 U	0.147
8/11/97	1350	30.0	10.8	28.69	21.90			5.0	54.5		85.9			0.340	0.010 U	0.110
9/22/97	1255	0.5	14.9	22.84	16.64		1 U	7.4	84.7	10.0	67.2	1.90	0.46	0.145	0.013	0.060
9/22/97	1300	10.0	12.0	28.27	21.37			5.8	65.1		83.7	2.20	0.85	0.206	0.015	0.066
9/22/97	1310	30.0	11.3	29.15	22.18			4.5	49.1		84.3			0.337	0.010 U	0.082

SIN001

Lat

47.549

Long (decimal):

-122.642

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/18/95	1455	1.5	13.7	29.65	22.13	7.9	3	7.4	85.8	7.3	82.1	3.80	1.00	0.164	0.033	0.051
10/18/95	1500	10.0	12.9	30.25	22.73	7.8		6.3	72.6		80.2	4.50	0.97	0.231	0.037	0.064
11/14/95	1355	0.5	11.7	29.67	22.51	7.7	1 U	7.0	78.4	7.8	80.0	1.50	0.38	0.273	0.050	0.059
11/14/95	1400	10.0	11.3	29.98	22.81	7.6		6.5	72.7		78.3					
12/20/95	1355	0.5	9.3	26.71	20.59	7.5	1	7.4	76.7	6.1	79.5	0.47	0.31	0.276	0.040	0.048
12/20/95	1400	10.0	9.9	28.07	21.57	7.5		7.0	74.0		80.4	0.28	0.43	0.349	0.012	0.066
1/8/96	1520	0.5	9.6	27.58	21.22	7.7	9	7.9	83.0	4.8	75.0	0.73	0.51	0.295	0.034	0.046
1/8/96	1525	10.0	9.6	28.44	21.89	7.7		7.2	76.4		73.0	0.42	0.76	0.311	0.019	0.050
2/21/96	1445	0.5	7.8	25.86	20.13		1	8.1	81.2	5.9	77.2	0.61	0.36	0.204	0.025	0.029
2/21/96	1450	10.0	8.4	27.04	20.97			7.7	79.1		76.7	0.45	0.47	0.253	0.013	0.037
3/25/96	1510	0.5	10.0	27.10	20.79	8.3	1 U	12.2	129.2	4.3	74.7	11.70	1.40	0.112	0.010 U	0.018
3/25/96	1515	10.0	8.8	27.69	21.43	7.9		9.4	97.5		76.3	2.80	1.10	0.189	0.019	0.026
5/8/96	1450	0.5	11.7	27.10	20.53	8.0	1 U	10.0	110.2	5.7	72.3	8.70	0.24	0.098	0.014	0.028
5/8/96	1455	10.0	10.1	28.00	21.48	7.8		8.4	90.0		73.8	2.20	0.88	0.169	0.023	0.034
6/3/96	1425	0.5	14.9	27.45	20.18	8.2	1 U	11.6	136.7	3.2	53.4	15.40	2.10	0.010 U	0.010 U	0.013
6/3/96	1430	10.0	11.4	28.17	21.40	7.8		9.0	98.6		55.5	5.30	2.00	0.115	0.048	0.048
7/1/96	1550	0.5	16.0	28.19	20.51	8.3	1 U	10.2	123.6	4.2	62.3	11.80	2.90	0.010 U	0.010 U	0.028
7/1/96	1555	10.0	13.0	28.60	21.44	8.1		8.6	97.7		71.4	7.00	2.00	0.053	0.011	0.023
8/5/96	1525	0.5	15.8	28.96	21.16	8.2	1	9.7	117.4	6.0	74.7	10.00	2.10	0.053	0.022	0.041
8/5/96	1530	10.0	13.6	29.30	21.86	7.9		8.0	93.2		69.9	2.50	1.20	0.125	0.064	0.051
9/9/96	1615	0.5	15.2	29.56	21.74	8.1	2	10.6	127.1	4.6	67.5	36.90	0.96	0.024	0.010 U	0.056
9/9/96	1620	10.0	13.9	29.75	22.15	7.8		8.1	94.5		74.8	6.50	0.58	0.146	0.010 U	0.055

SIN001

Lat

47.549

Long (decimal):

-122.642

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPTG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/24/96	1310	0.5	12.0	29.61	22.40	7.9	1	6.8	76.1	6.0	78.4	2.80	0.62	0.254	0.062	0.066
10/24/96	1310	10.0	11.9	30.08	22.80	7.9		5.8	65.7		78.5	1.10	0.72	0.416	0.045	0.103
12/10/96	1136	0.5	9.1	28.94	22.36	7.6	12	7.0	73.1	6.5	80.1			0.305	0.062	0.065
12/10/96	1142	10.0	9.4	29.63	22.85	7.5		6.6	70.4		82.8			0.409	0.065	0.087
1/27/97	1420	0.5	5.2	26.51	20.93	7.6	1	9.3	87.6	5.1	64.0	1.60	0.91	0.421	0.058	0.091
1/27/97	1425	10.0	7.4	28.08	21.93	7.5		8.1	81.4		75.5	0.70	0.69	0.426	0.021	0.077
2/27/97	1420	0.5	8.2	27.57	21.41	7.8	1 U	9.3	94.7	7.6	85.1	2.00	0.72	0.399	0.010 U	0.092
2/27/97	1425	10.0	8.1	27.78	21.59	7.7		8.9	90.6		84.1	1.90	0.70	0.403	0.010 U	0.093
3/25/97	1225	0.5	9.1	26.25	20.27		1 U	8.6	89.2	5.5	75.4	2.00	0.47	0.358	0.015	0.085
3/25/97	1230	10.0	8.4	27.20	21.10			8.2	84.0		78.4	1.10	0.60	0.393	0.038	0.099
4/21/97	1355	0.5	10.0	27.36	20.99		2	8.4	89.3	5.6	79.2	0.70	0.26	0.226	0.038	0.075
4/21/97	1400	10.0	9.3	27.82	21.46			8.1	85.0		81.9	0.43	0.41	0.260	0.033	0.087
5/30/97	1145	0.5	14.0	26.98	19.99			12.2	140.5	7.2	82.9	12.90	0.05 U	0.051	0.015	0.059
5/30/97	1150	10.0	11.4	28.38	21.56			8.6	94.5		79.7	8.30	1.20	0.191	0.058	0.090
6/24/97	1055	0.5	14.7	27.55	20.32		1 U	12.1	141.9	2.6	47.9	22.10 J	0.05 U	0.049	0.010 U	0.067
6/24/97	1100	10.0	12.2	28.07	21.17			7.7	86.4		40.2	10.30	3.40	0.053	0.010 U	0.072
7/21/97	1105	0.5	17.3	26.63	19.04		5	8.5	104.7	5.9	69.4	6.10	0.84	0.039	0.040	0.070
7/21/97	1110	10.0	14.1	27.60	20.46			6.7	78.2		81.2	1.40	0.69	0.108	0.041	0.068
8/27/97	1100	0.5	15.3	28.34	20.79		7	6.6	79.0	5.9	75.0	5.20	0.79	0.078	0.025	0.072
8/27/97	1105	10.0	14.3	28.94	21.46			6.0	70.4		78.0	3.60	1.00	0.133	0.047	0.088
9/24/97	1130	0.5	15.0	28.95	21.31		1	8.8	104.5	5.7	74.9	2.30	0.56			
9/24/97	1130	10.0	14.1	29.21	21.70			7.6	89.1		72.6	1.60	0.94			

SKG003

Lat

48.297

Long (decimal):

-122.488

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
11/1/95	1325	0.5	10.5	25.56	19.52	7.7		6.2	66.2	6.6	73.9					
11/1/95	1330	7.0	11.8	29.75	22.55	7.6		4.4	49.6		82.6					
12/19/95	1250	0.5	7.5	12.98	10.08	7.6		10.0	90.9	2.0	45.0					
12/19/95	1255	5.5	10.2	27.70	21.23	7.5		6.6	70.3		48.1					
2/12/96	1400	0.5	5.7	0.89	0.66	7.3		11.5	92.5	0.3	2.0					
2/12/96	1405	10.0	8.2	24.00	18.62	7.5		7.5	75.1		45.7					
3/6/96	1355	0.5	7.3	14.68	11.44	7.8		9.4	86.4	2.5	53.5					
3/6/96	1400	5.5	8.4	23.81	18.45	7.7		7.9	79.0		51.1					
4/10/96	1520	0.5	10.8	2.91	1.91	7.8		9.8	90.6	1.3	43.5					
4/10/96	1525	10.0	10.4	21.47	16.35	7.9		8.2	85.0		71.2					
5/9/96	1450	0.5	11.2	17.66	13.29	8.0		11.0	112.2	6.8	71.8					
5/9/96	1455	10.0	10.5	20.62	15.68	7.9		10.7	109.8		83.3					
6/11/96	1345	0.5	11.7	21.23	15.97	7.8		6.8	72.5	4.7	63.4					
6/11/96	1350	5.0	9.5	28.30	21.81	7.5		5.8	61.5		70.4					
7/10/96	1300	0.5	13.9	21.52	15.91	8.2		7.7	85.9	2.7	44.3					
7/10/96	1305	10.0	9.8	28.72	22.09	7.6		5.7	60.4		70.1					
8/6/96	1140	0.5	13.5	23.12	17.13	7.9		7.5	84.0	3.2	64.9					
8/6/96	1145	10.0	10.5	28.97	22.17	7.6		5.7	61.3		73.8					
9/11/96	1610	0.5	13.7	23.37	17.29	7.9		6.0	66.8		69.6					
9/11/96	1615	10.0	11.0	29.74	22.69	7.6		3.9	43.4		59.3					

TOT001

Lat

47.164

Long (decimal):

-122.963

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
11/16/95	1340	0.5	11.3	26.54	20.15	7.7	1 U	7.5	81.6	7.0	78.3	2.30	0.60	0.257	0.072	0.070
11/16/95	1350	10.0	11.4	28.22	21.44	7.7		7.2	79.1		82.7	1.70	0.61	0.286	0.060	0.083
1/25/96	1420	0.5	7.4	23.09	18.01	7.7	1	8.7	84.4	3.5	62.7	0.48	0.27	0.394	0.040	0.060
1/25/96	1425	10.0	8.1	25.00	19.42	7.7		8.3	83.2		66.8	0.41	0.32	0.252	0.029	0.036
2/26/96	1545	0.5	7.2	22.28	17.40	7.8	1 U	8.9	85.5	3.9	71.3	0.71	0.49	0.411	0.062	0.061
2/26/96	1550	10.0	7.7	24.62	19.16	7.7		8.3	82.1		75.2	0.98	0.49	0.348	0.036	0.051
3/20/96	1410	0.5	9.8	25.09	19.25	7.9	1 U	9.2	95.6	3.5	63.5	4.10	0.88	0.272	0.010 U	0.043
3/20/96	1410	10.0	9.2	25.62	19.76	7.9		9.0	92.9		62.8	4.00	1.10	0.281	0.010 U	0.044
4/30/96	1235	0.5	12.1	23.73	17.85	7.9	1 U	11.0	119.4	5.2	75.2	7.10	0.73	0.178	0.010 U	0.028
4/30/96	1240	10.0	10.5	25.42	19.41	7.8		10.2	107.6		76.6	8.30	1.30	0.235	0.012	0.043
5/29/96	1605	0.5	12.9	26.71	20.01	8.1	1 U	10.7	120.7	2.5	55.3	27.00	2.90	0.010 U	0.010 U	0.010 U
5/29/96	1605	10.0	12.6	26.77	20.09	8.1		10.8	120.7		55.5	20.00	0.75	0.014	0.010 U	0.010 U
6/17/96	1558	0.5	15.3	27.14	19.86	8.1	2	8.7	103.3	2.7	47.3	8.00	1.70	0.010 U	0.010 U	0.039
6/17/96	1600	6.5	15.0	27.22	19.99	8.0		8.6	101.7		41.7	9.90	2.90	0.010 U	0.010 U	0.043
7/22/96	1645	0.5	18.5	28.05	19.86	8.2	1 U	9.2	116.4	6.8	82.5	3.00		0.010 U	0.010 U	0.034
7/22/96	1650	10.0	15.5	28.31	20.72	8.1		8.9	107.1		70.8	9.60	3.30	0.010 U	0.015	0.034
8/12/96	1635	0.5	17.0	28.64	20.65	8.2	1 U	9.0	111.9	4.8	71.1					
8/12/96	1640	10.0	16.9	28.65	20.67	8.2		9.1	112.0		75.8					
9/16/96	1505	0.5	17.0	28.80	20.76	8.6	1	12.4	153.7	2.9	59.6					
9/16/96	1507	10.0	15.6	28.99	21.22	8.2		10.0	120.9		72.3					

**GRAYS HARBOR AND WILLAPA BAY
STATIONS**

GYS004

Lat (decimal):

46.978

Long (decimal):

-123.783

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1015	0.5	9.9	2.97	2.04	7.1	46	9.7	88.2		35.1			0.448	0.018	0.010 U
10/30/95	1020	10.0	11.6	15.08	11.24	7.6		8.5	86.0		25.4			0.356	0.032	0.015
1/16/96	1015	0.5	8.2	0.03	-0.14	6.8	1 U	10.6	90.4	0.3	0.0			0.438	0.016	0.010 U
1/16/96	1020	10.0	8.3	1.44	0.97	6.3		10.5	90.5		0.0			0.430	0.016	0.010 U
2/13/96	1055	0.5	6.9	0.06	-0.05	6.5	170 S	10.5	87.3	0.3	0.6			0.762	0.035	0.010 U
2/13/96	1100	10.0	7.1	2.12	1.58	6.3		10.8	90.9		0.4			0.772	0.031	0.010 U
3/12/96	1010	0.5	9.4	0.56	0.19	7.1		10.6	93.5	0.6	24.0			0.533	0.015	0.010 U
3/12/96	1015	10.0	9.5	8.00	6.00	6.8		9.6	89.1		22.3			0.445	0.017	0.010 U
4/3/96	1020	0.5	9.3	1.00	0.55	7.2	20	10.0	88.3	1.1	7.3			0.668	0.027	0.010 U
4/3/96	1025	10.0	9.3	5.07	3.73	7.3		9.7	87.6		0.0			0.525	0.040	0.010 U
5/30/96	1205	0.5	13.9	5.44	3.47	7.2	12	8.1	81.6	2.3	43.2			0.323	0.030	0.010 U
5/30/96	1205	10.0	13.2	15.24	11.10	7.5		7.4	78.1		4.8			0.214	0.041	0.015
6/19/96	1520	0.5	17.0	9.18	5.79	8.0	390 J	9.1	100.3	1.5	25.6			0.091	0.010 U	0.017
6/19/96	1525	10.0	14.7	18.00	12.97	7.6		7.5	83.6		0.9			0.131	0.029	0.023
7/15/96	1000	1.0	20.1	8.26	4.45	7.4		6.9	80.0	1.1	24.0	11.30	2.40	0.186	0.010 U	0.010 U
7/15/96	1005	10.0	19.5	11.18	6.79	7.5		6.5	76.8		0.7	7.80	6.40	0.194	0.014	0.010 U
8/13/96	1045	0.5	19.5	13.19	8.32	7.6	110	6.8	80.1	1.1	23.7			0.206	0.036	0.014
8/13/96	1050	10.0	18.8	17.00	11.36	7.6		6.4	77.1		0.2			0.168	0.052	0.010 U
9/23/96	1015	0.5	14.9	14.60	10.32	7.6	120	7.1	77.6	2.1	38.3			0.204	0.060	0.018
9/23/96	1020	10.0	15.2	19.70	14.18	7.7		6.7	76.2		10.3			0.209	0.056	0.018

GYS004

Lat (decimal):

46.978

Long (decimal):

-123.783

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1035	0.5	10.8	0.18	-0.23	7.0	260 S	8.9	81.0	0.3	1.7			0.675	0.010 U	0.010 U
10/16/96	1040	9.0	11.2	1.55	0.80	6.9		8.7	80.6		1.7			0.614	0.010	0.010 U
12/16/96	0936	0.5	6.2	0.03	-0.04	6.7	46	10.8	88.1	1.0	24.2			0.685	0.024	0.010 U
12/16/96	0938	10.0	6.2	0.03	-0.04	6.4		10.9	88.2		21.2			0.687	0.015	0.010 U
1/13/97	1004	0.5	6.2	0.03	-0.04	6.6	13	10.5	85.0	0.7	22.4			0.563	0.010 U	0.010 U
1/13/97	1010	9.0	6.2	0.03	-0.04	6.2		10.5	85.7		20.6					
2/4/97	1000	0.5	6.6	0.09	-0.01	6.7	20	10.9	89.8	0.8	17.8			0.564	0.010 U	0.010 U
2/4/97	1010	9.5	8.3	19.99	15.48	7.7		9.5	92.5		6.0			0.265	0.010 U	0.010 U
3/24/97	1010	0.5	9.5	0.03	-0.23	6.7	68	9.9	87.5	0.5	0.6			0.490	0.023	0.010 U
3/24/97	1020	10.0	9.3	0.03	-0.22	6.3		10.0	87.7		0.4			0.483	0.013	0.010 U
4/24/97	1000	0.5	10.1	0.03	-0.29		72	10.7	95.7	0.7	10.7			0.395	0.014	0.010 U
4/24/97	1010	9.0	10.1	0.03	-0.28			11.2	100.6		9.2			0.395	0.025	0.010 U
5/21/97	1000	0.5	16.2	0.49	-0.71		81	9.2	94.9	1.0	13.6			0.221	0.010 U	0.010 U
5/21/97	1005	9.0	16.2	0.49	-0.71			9.3	95.6		6.8			0.241	0.010 U	0.010 U
6/18/97	1020	0.5	17.3	4.86	2.46		69	8.5	92.1	1.8	43.3			0.249	0.012	0.024
6/18/97	1025	8.0	16.9	8.34	5.17			8.2	89.3		3.2			0.242	0.012	0.022
7/15/97	1030	0.5	17.8	5.43	2.78		31	7.7	84.1	2.2	51.6			0.227	0.031	0.018
7/15/97	1035	6.5	17.0	18.08	12.58			6.6	76.2		27.6			0.093	0.052	0.073
8/18/97	1015	0.5	20.1	9.29	5.24		230	6.3	73.5	0.8	6.3			0.084	0.012	0.027
8/18/97	1020	8.5	20.0	10.27	6.00			6.2	73.4		0.0			0.089	0.010 U	0.032
9/23/97	1130	0.5	14.9	2.56	1.10		14	7.6	76.9	1.8	38.3			0.327	0.032	0.010 U
9/23/97	1145	10.0	16.1	17.46	12.28			6.9	78.0		34.7			0.307	0.039	0.028

GYS008

Lat (decimal):

46.938

Long (decimal):

-123.912

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1040	0.5	11.0	13.76	10.30	7.7	23 X	8.8	87.2	1.7	36.2	1.30	1.00	0.239	0.030	0.017
10/30/95	1045	5.0	11.6	18.49	13.86	7.8		8.2	85.4		6.9	1.40	1.70	0.216	0.040	0.017
12/4/95	1025	0.5	8.4	4.84	3.63	7.2	310 S	10.3	90.9	0.5	4.7	0.25	1.30	0.587	0.036	0.013
12/4/95	1030	6.0	8.4	6.26	4.74	7.3		10.2	91.7		5.7					
1/16/96	1030	0.5	8.5	5.43	4.08	7.4	120	10.2	90.5	0.6	4.6	0.33	0.97	0.471	0.025	0.010 U
1/16/96	1035	6.0	8.6	6.72	5.09	7.5		10.1	91.0		8.4	0.36	1.00	0.450	0.026	0.010 U
2/13/96	1130	0.5	7.6	5.78	4.43	7.1	140 S	10.1	87.9	0.5	1.2	0.32	1.10	0.567	0.036	0.010 U
2/13/96	1135	5.5	8.3	16.47	12.73	7.8		9.4	89.7		1.0	0.88	1.50	0.482	0.035	0.016
3/12/96	1045	0.5	9.4	5.70	4.21	7.4		9.6	87.9	0.6	4.2	1.60	3.00	0.419	0.025	0.010 U
3/12/96	1050	5.0	9.5	8.86	6.67	7.5		9.4	87.7		0.4			0.318	0.022	0.010 U
4/3/96	1050	0.5	10.0	17.05	12.98	7.9	6	8.8	87.2	1.0	11.7	1.90	3.00	0.165	0.019	0.012
4/3/96	1055	5.5	9.9	17.51	13.35	7.9		8.8	87.7		5.9	2.40	2.40	0.179	0.026	0.016
5/30/96	1225	0.5	13.7	16.23	11.79	7.9	1 U	8.2	88.0	1.6	45.9	3.20	1.00	0.125	0.010 U	0.013
5/30/96	1230	5.0	13.0	20.56	15.24	7.8		7.6	82.3		21.6	4.40	1.90	0.141	0.010 U	0.018
7/15/96	1035	1.0	17.9	24.78	17.47	7.8		6.4	79.4	0.9	15.2	5.30	4.10	0.090	0.010 U	0.021
7/15/96	1040	5.5	17.9	24.78	17.48	7.8		6.5	79.5		7.7	6.40	3.90	0.082	0.010 U	0.021
8/13/96	1120	0.5	18.2	25.57	18.03	7.9	390 J	6.9	85.3	0.9	15.1	7.90	2.50	0.075	0.011	0.010 U
8/13/96	1125	5.5	18.1	25.57	18.04	7.9		6.8	85.0		9.6	4.00	3.00	0.072	0.010 U	0.010 U
9/23/96	1045	0.5	14.5	24.33	17.85	7.9	3 U	7.2	82.6	1.6	24.4	2.80	1.90	0.100	0.035	0.023
9/23/96	1050	5.5	14.4	24.82	18.25	7.9		7.2	82.4		24.5					

GYS008

Lat (decimal):

46.938

Long (decimal):

-123.912

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1100	0.5	12.3	11.32	8.22	7.5	88	7.6	76.6	1.3	19.2	2.30	1.50	0.343	0.051	0.011
10/16/96	1105	4.0	12.6	14.42	10.57	7.5		7.3	76.1		2.9	5.10	9.20	0.262	0.053	0.011
12/16/96	1003	0.5	6.6	3.85	2.97	7.1	380 S	10.3	86.6	0.7	9.5			0.558	0.030	0.021
12/16/96	1010	4.5	7.1	7.45	5.78	7.1		10.0	87.5		0.0			0.513	0.030	0.027
1/13/97	1030	0.5	7.2	7.47	5.78	7.1	14	9.9	86.6	1.0	24.0			0.320	0.010 U	0.010 U
1/13/97	1034	5.0	7.1	8.35	6.48	7.1		9.9	87.2		18.3			0.404	0.010 U	0.010 U
2/4/97	1035	0.5	6.7	8.85	6.90	7.5	19	10.4	90.7	1.3	22.8			0.408	0.010 U	0.010 U
2/4/97	1040	6.0	8.1	19.84	15.38	7.8		9.5	92.3		25.5			0.263	0.010 U	0.010 U
3/24/97	1054	0.5	9.4	5.63	4.16	7.1	39	9.8	89.7	0.7	5.7	0.50	0.56	0.367	0.021	0.010 U
3/24/97	1100	5.0	9.3	8.59	6.47	7.2		9.6	89.4		1.3	1.80	3.30	0.314	0.022	0.016 U
4/24/97	1035	0.5	10.6	6.64	4.83			9.1	86.0	0.4	2.3	2.40	2.50	0.195	0.018	0.022
4/24/97	1045	3.5	10.5	6.63	4.82			8.8	83.3		0.8	2.90	2.70	0.259	0.016	0.025
5/21/97	1040	0.5	15.9	15.52	10.85		3	8.0	89.6	0.8	8.4	5.40	2.60	0.063	0.010 U	0.044
5/21/97	1035	2.0	15.8	15.49	10.84			8.0	89.8		1.9	7.00	4.10	0.053	0.010 U	0.046
6/18/97	1100	0.5	16.8	18.00	12.56		4	8.0	92.2	1.0	10.3	4.00	2.40	0.075	0.010 U	0.025
6/18/97	1110	6.0	16.7	18.18	12.72			7.9	91.1		6.6	3.70	2.90	0.047	0.010 U	0.035
7/15/97	1105	0.5	19.0	14.09	9.12		71	7.7	90.6	1.5	30.5	8.60	0.52	0.032	0.010 U	0.042
7/15/97	1110	5.0	18.5	16.51	11.07			7.3	86.2		32.2	2.60	1.90	0.037	0.010 U	0.051
8/18/97	1055	0.5	18.8	26.70	18.74		8	5.6	70.5	0.6	2.2	5.00	4.20	0.036	0.015	0.070
8/18/97	1110	5.0	18.8	26.69	18.74			5.6	70.5		0.0	4.90	9.40	0.025	0.018	0.087
9/23/97	1220	0.5	16.4	12.31	8.29		28	7.3	80.8	1.4	25.4	1.10	0.82	0.265	0.038	0.028
9/23/97	1225	5.0	17.0	20.64	14.52			6.7	78.7		18.8	1.40	1.00	0.167	0.037	0.039

GYS009

Lat (decimal):

46.965

Long (decimal):

-123.948

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1120	5.5	11.9	22.29	16.76	7.9		8.1	87.0	2.2	42.1					
10/30/95	1125	10.0	12.1	23.85	17.93	8.0		7.9	86.2		39.0					
12/4/95	1100	0.5	8.2	1.41	0.95	6.9		10.3	88.9	0.4	1.8					
12/4/95	1105	10.0	9.7	14.87	11.31	7.7		9.4	91.4		8.9					
1/16/96	1105	0.5	8.3	2.56	1.85	7.2		10.1	88.3	0.5	1.2					
1/16/96	1110	10.0	9.6	18.58	14.22	8.0		9.1	90.3		26.9					
2/13/96	1200	0.5	7.8	8.83	6.81	7.4		10.3	91.8	0.6	1.4					
2/13/96	1205	10.0	8.8	22.91	17.70	8.0		9.7	97.6		0.3					
3/12/96	1130	0.5	9.5	7.65	5.73	7.6		9.5	87.7	1.0	19.7					
3/12/96	1135	9.5	9.9	17.98	13.71	7.9		8.7	87.2		6.8					
4/3/96	1120	0.5	9.9	19.20	14.67	8.1		8.9	89.8	2.1	40.0					
4/3/96	1125	10.0	9.8	20.38	15.59	8.1		8.9	89.8		26.0					
5/30/96	1255	0.5	13.3	19.86	14.65	7.8		7.5	81.2	2.2	58.0					
5/30/96	1300	10.0	12.2	25.45	19.16	7.7		7.0	77.0		34.7					
6/19/96	1505	0.5	13.8	26.65	19.79	7.7		7.1	81.6	2.3	41.2					
6/19/96	1510	10.0	13.0	27.75	20.79	7.7		7.0	79.2		18.0					
7/15/96	1115	1.0	17.5	26.25	18.69	7.9		6.3	78.3	1.5	31.5					
7/15/96	1120	10.0	16.7	27.43	19.77	7.9		6.3	76.7		17.1					
8/13/96	1210	0.5	16.3	28.70	20.83	7.9		6.2	76.3	2.2	47.2					
8/13/96	1215	10.0	15.6	29.30	21.46	7.9		6.7	81.2		39.5					
9/24/96	1550	0.5	14.9	23.82	17.40	7.9		7.4	85.5	0.9	19.8					
9/24/96	1555	10.0	14.0	26.80	19.86	8.0		7.3	84.1		6.2					

GYS009

Lat (decimal):

46.965

Long (decimal):

-123.948

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1125	0.5	12.6	12.80	9.32	7.6		7.6	77.6	1.4	26.6					
10/16/96	1130	10.0	13.0	23.52	17.51	7.8		7.2	79.8		6.2					
12/16/96	1040	0.5	7.0	6.68	5.18	7.3		10.3	89.5	0.9	17.3					
12/16/96	1045	9.5	8.5	19.52	15.08	7.8		9.2	89.7		10.9					
1/13/97	1108	0.5	7.4	5.95	4.58	7.1		10.3	89.2	1.1	28.3					
1/13/97	1112	6.0	7.5	13.80	10.72	7.5		9.9	90.7		11.7					
2/4/97	1115	0.5	6.8	8.83	6.88	7.6		10.4	91.1	1.0	30.4					
2/4/97	1120	5.0	8.2	21.39	16.58	7.8		9.4	91.9		45.7					
3/24/97	1135	0.5	9.4	7.21	5.39	7.3		9.8	90.5	0.9	13.2					
3/24/97	1140	8.5	9.7	20.28	15.53	7.8		9.1	92.0		0.0					
4/24/97	1125	0.5	10.6	4.49	3.16			10.3	96.0	0.8	12.4					
4/24/97	1130	10.0	11.1	15.03	11.27			9.6	96.4		5.9					
5/21/97	1110	0.5	15.7	18.46	13.12			8.3	94.1	2.5	43.9					
5/21/97	1115	6.5	14.0	24.32	17.96			8.0	91.0		17.9					
6/18/97	1140	0.5	16.7	21.27	15.08			8.1	94.9	1.2	29.5					
6/18/97	1145	8.5	16.4	21.74	15.50			7.9	93.1		3.4					
7/15/97	1140	0.5	18.4	17.01	11.46			7.6	89.9	2.7	52.8					
7/15/97	1145	10.0	15.0	26.80	19.66			6.2	73.0		62.0					
8/18/97	1145	0.5	17.8	28.50	20.35			5.9	73.9	0.6	4.0					
8/18/97	1150	3.5	17.8	28.50	20.35			5.8	73.2		0.1					
9/23/97	1255	0.5	16.8	14.06	9.55			7.1	80.8	2.1	46.5					
9/23/97	1305	10.0	17.2	25.26	18.01			6.6	80.2		40.3					

GYS015

Lat (decimal):

46.923

Long (decimal):

-124.075

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1155	2.5	11.8	25.70	19.41	8.0		7.9	86.7	2.3	60.6					
10/30/95	1200	7.0	12.4	29.33	22.12	8.0		7.5	85.1		76.2					
12/4/95	1135	0.5	10.0	20.11	15.36	7.9		9.7	97.9	1.1	31.1					
12/4/95	1140	10.0	10.5	23.31	17.77	8.0		9.4	98.3		45.5					
2/13/96	1235	0.5	8.1	9.48	7.29	7.7		10.2	92.4	0.8	10.0					
2/13/96	1240	10.0	9.2	25.29	19.50	8.1		9.4	97.1		15.7					
4/3/96	1200	0.5	9.9	22.64	17.34	8.4		10.0	102.4	4.9	72.5					
4/3/96	1205	10.0	9.8	24.15	18.52	8.3		9.8	101.4		76.3					
5/30/96	1335	0.5	11.6	30.55	23.21	7.8		7.6	84.8	3.3	62.0					
5/30/96	1340	10.0	11.3	31.07	23.67	7.8		7.5	83.6		58.3					
7/15/96	1155	1.0	13.6	31.44	23.53	7.8		6.0	71.0	1.7	39.4					
7/15/96	1200	10.0	10.6	32.69	25.04	7.8		5.5	60.9		26.9					
8/13/96	1310	0.5	9.2	33.34	25.79	7.6		3.6	38.5	5.6	78.5					
8/13/96	1315	10.0	9.1	33.35	25.81	7.6		3.5	37.8		77.2					
9/24/96	1440	0.5	13.3	29.88	22.38	8.0		6.7	77.7	3.1	65.8					
9/24/96	1445	10.0	12.2	31.50	23.83	8.0		6.5	74.6		72.8					

GYS015

Lat (decimal):

46.923

Long (decimal):

-124.075

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1205	0.5	12.8	25.56	19.13	8.0		7.4	82.6	2.5	48.1					
10/16/96	1210	9.5	12.8	27.24	20.43	8.1		7.4	82.9		44.0					
1/13/97	1151	0.5	7.7	19.00	14.77	7.8		9.5	90.5	1.4	39.2					
1/13/97	1157	9.0	8.5	24.37	18.87	7.8		9.1	92.1		30.3					
2/4/97	1200	0.5	7.6	17.30	13.45	7.8		9.7	91.1	2.0	44.5					
2/4/97	1205	7.5	8.5	25.18	19.51	7.8		9.1	91.9		46.0					
3/24/97	1255	0.5	10.2	23.13	17.67	8.0		9.4	98.1	2.6	60.6					
3/24/97	1305	10.0	9.8	26.07	20.01	8.0		9.1	95.5		46.5					
5/21/97	1205	0.5	13.2	28.44	21.28			9.2	104.9	2.6	55.5					
5/21/97	1215	10.0	12.2	29.45	22.25			9.2	103.8		49.7					
6/18/97	1210	0.5	16.2	22.74	16.30			8.7	101.9	3.1	63.0					
6/18/97	1215	10.0	16.2	22.77	16.32			8.7	102.6		61.0					
7/15/97	1240	0.5	17.9	20.21	13.99			7.4	88.9		56.7					
7/15/97	1245	10.0	13.1	29.81	22.35			6.5	74.8		28.7					
8/18/97	1220	0.5	15.9	29.60	21.61			8.1	99.3	3.6	54.6					
8/18/97	1225	10.0	15.9	29.67	21.67			8.1	99.3		53.8					
9/23/97	1330	0.5	17.9	21.95	15.34			6.9	83.3	2.6	48.1					
9/23/97	1335	10.0	17.3	29.65	21.34			6.7	84.3		72.1					

GYS016

Lat (decimal):

46.953

Long (decimal):

-124.092

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1135	0.5	10.5	19.72	14.98	7.9	2	8.6	87.7	2.2	50.4	1.50	0.84	0.105	0.040	0.019
10/30/95	1140	8.0	11.8	26.21	19.80	8.0		7.7	84.8		59.0	1.40	1.30	0.118	0.052	0.028
12/4/95	1115	0.5	9.1	16.50	12.66	7.9	36 S	10.1	98.0	1.1	27.7	0.70	0.74	0.269	0.032	0.020
12/4/95	1115	10.0	10.0	22.94	17.55	7.9		9.8	100.8		41.3	0.83	0.94	0.164	0.026	0.020
1/16/96	1115	0.5	8.9	11.23	8.58	7.9	65	9.7	90.2	1.1	24.6	0.42	0.48	0.337	0.023	0.011
1/16/96	1120	7.0	10.5	26.64	20.36	8.1		8.5	91.1		55.5	0.68	1.10	0.163	0.013	0.015
2/13/96	1210	0.5	8.3	10.43	8.01	7.8	21 S	10.1	92.2	1.2	26.3	0.38	0.54	0.365	0.030	0.014
2/13/96	1215	9.5	8.5	19.66	15.20	8.1		9.7	94.3		23.0	0.99	0.98	0.129	0.012	0.010 U
3/12/96	1145	0.5								1.7		1.40	0.86	0.076	0.010 U	0.010 U
3/12/96	1155	10.0										1.30	1.00	0.106	0.015	0.010 U
4/3/96	1135	0.5	9.8	21.99	16.85	8.4	1 U	9.9	101.1	4.0	68.8	6.90	1.20	0.010 U	0.010 U	0.010 U
4/3/96	1140	9.0	9.8	22.60	17.32	8.3		9.8	100.7		67.2	8.20	1.50	0.010 U	0.010 U	0.010 U
5/30/96	1310	0.5	11.5	30.57	23.23	7.8	1 U	7.3	81.6	3.9	67.4	1.90	0.92	0.113	0.010 U	0.026
5/30/96	1315	9.5	11.1	31.07	23.70	7.8		7.1	79.2		60.2	2.90	2.10	0.140	0.010 U	0.034
7/15/96	1130	0.5								1.4		7.20	10.20	0.175	0.021	0.040
7/15/96	1135	10.0										14.00	12.20	0.181	0.018	0.039
8/13/96	1235	0.5	9.6	33.19	25.61	7.6	1 U	4.1	44.4	3.7	66.0			0.359	0.020	0.050
8/13/96	1240	8.5	9.6	33.19	25.61	7.6		4.1	44.4		58.3	3.70	2.40	0.357	0.021	0.054
9/24/96	1515	0.5	14.0	27.41	20.32	8.0	1 U	7.2	83.4	1.3	41.3	4.60	1.20	0.086	0.028	0.023
9/24/96	1520	4.0	13.9	28.14	20.91	8.0		7.2	83.5		37.0	2.30	3.10	0.084	0.022	0.022

GYS016

Lat (decimal):

46.953

Long (decimal):

-124.092

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1135	0.5	12.5	24.93	18.68	8.0	13	7.4	81.9	1.7	33.1	5.10	7.40	0.102	0.030	0.018
10/16/96	1145	10.0	12.6	26.84	20.16	8.0		7.4	82.5		16.9	3.20	2.00	0.118	0.041	0.018
12/16/96	1054	0.5	7.1	12.66	9.86	7.7	9	9.9	89.3	1.3	24.4			0.302	0.033	0.036
12/16/96	1059	8.5	8.2	19.57	15.16	7.8		9.3	90.4		30.5			0.239	0.031	0.040
1/13/97	1128	0.5	6.2	16.45	12.91	7.7	2	10.2	92.5	0.7	18.5			0.211	0.010 U	0.010 U
1/13/97	1132	3.5	7.2	20.24	15.80	7.7		9.7	91.8		5.8			0.217	0.010 U	0.014
2/4/97	1140	0.5	7.7	19.23	14.95	7.8		9.6	91.9	1.7	40.4			0.256	0.010 U	0.010 U
2/4/97	1145	6.0	7.9	20.82	16.17	7.8		9.5	92.5		21.7			0.226	0.010 U	0.010 U
3/24/97	1225	0.5	10.1	23.56	18.03	7.9	1	9.2	95.4	1.4	30.1	1.20	1.20	0.123	0.010 U	0.049 J
3/24/97	1230	7.5	9.7	26.65	20.48	8.0		9.0	94.3		37.8	1.70	1.80	0.103	0.010 U	0.053 J
5/21/97	1145	0.5	13.6	27.90	20.80		1	9.0	103.9	2.3	51.3	5.60	0.98	0.025	0.010	0.052
5/21/97	1150	6.0	13.5	27.91	20.81			9.1	104.7		38.8	5.80	1.80	0.024	0.011	0.053
6/18/97	1220	0.5	16.3	23.43	16.81		2	8.6	102.2	2.3	53.2	3.50	1.40	0.026	0.010 U	0.048
6/18/97	1230	5.5	16.1	23.97	17.25			8.8	103.8		63.3	2.30	1.40	0.015	0.010 U	0.044
7/15/97	1215	0.5	15.5	26.77	19.53		1 U	6.8	81.4	3.2	60.3	2.50	1.10	0.105	0.010 U	0.090
7/15/97	1220	5.0	13.8	28.90	21.51			6.5	76.2		53.7	3.20	1.10	0.123	0.010 U	0.095
8/18/97	1230	0.5	15.7	29.79	21.81		9	7.8	94.3	2.7	51.1	9.00	2.30	0.029	0.010 U	0.082
8/18/97	1240	10.0	15.7	29.80	21.82			8.3	100.6		38.3	7.30	2.90	0.027	0.010 U	0.072
9/23/97	1340	0.5	18.8	19.69	13.40		1	6.6	80.1	2.5	48.7	3.80	0.69	0.086	0.027	0.038
9/23/97	1345	8.5	17.3	27.70	19.85			6.5	80.2		59.6	2.10	1.10	0.060	0.023	0.034

WPA001

Lat (decimal):

46.688

Long (decimal):

-123.748

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1505	0.5	10.5	6.65	4.84	7.4	80	9.1	85.9	1.7	33.5			0.590	0.044	0.010 U
10/30/95	1510	9.5	11.9	18.13	13.55	7.7		8.0	83.4		4.8			0.315	0.064	0.023
12/4/95	1505	0.5	8.4	0.06	-0.12	6.8	160	10.7	91.9	0.5	5.2			1.030	0.020	0.010 U
12/4/95	1510	8.0	8.4	0.05	-0.13	6.5		10.7	91.7		3.1			0.863	0.018	0.010 U
1/16/96	1455	0.5	8.9	0.25	-0.02	7.0	360	9.8	85.0	0.7	12.2			0.693	0.031	0.010 U
1/16/96	1500	7.5	9.0	0.34	0.05	6.9		9.8	85.5		6.1			0.615	0.028	0.010 U
2/13/96	1530	0.5	7.7	0.43	0.21	6.9	34	11.1	93.8	1.0	15.5			0.897	0.015	0.010 U
2/13/96	1535	7.5	7.9	12.60	9.74	7.4		10.0	92.3		2.3			0.627	0.021	0.010 U
3/12/96	1640	0.5	9.9	3.45	2.41	7.3		9.5	86.7	1.5	33.0			0.463	0.018	0.010 U
3/12/96	1645	8.0	9.6	9.00	6.76	7.5		9.2	86.4		5.1			0.314	0.021	0.010 U
4/29/96	1345	0.5	10.9	2.37	1.47	6.9	42	10.8		1.1	21.0			0.686	0.010 U	0.010 U
4/29/96	1345	4.5	10.7	8.60	6.33	6.9		10.0			12.2			0.459	0.093	0.023
5/30/96	1715	0.5	13.9	3.20	1.74	7.4	51	8.7	86.2	1.8	36.6			0.725	0.025	0.010 U
5/30/96	1720	7.0	14.3	10.02	6.92	7.4		8.3	86.6		35.3			0.466	0.033	0.010 U
6/19/96	1020	0.5	16.8	4.37	2.16	7.2	25	7.5	79.7	1.1	13.7			0.035	0.023	0.011
6/19/96	1025	7.0	16.8	9.14	5.80	7.2		7.1	77.9		1.1			0.025	0.020	0.012
7/15/96	1610	1.0	21.5	20.67	13.50	7.8		6.7	85.8	1.1	22.1			0.010 U	0.010 U	0.010 U
7/15/96	1615	8.5	21.0	22.15	14.74	7.8		6.3	80.9		7.1			0.010 U	0.010 U	0.012
8/13/96	1740	0.5	21.2	20.23	13.23	7.7	7	6.7	85.2	1.1	20.4			0.035	0.026	0.012
8/13/96	1745	8.0	21.0	21.00	13.87	7.7		6.6	84.7		8.2			0.035	0.041	0.013
9/24/96	1025	0.5	15.6	19.80	14.18	7.5	9	6.5	73.7	0.9	14.0			0.124	0.113	0.011
9/24/96	1030	9.5	15.6	20.43	14.65	7.5		6.4	73.6		2.7			0.121	0.107	0.011

WPA001

Lat (decimal):

46.688

Long (decimal):

-123.748

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1435	0.5	13.4	11.99	8.57	7.3	200 J	7.0	72.6	1.7	30.8			0.177	0.104	0.012
10/16/96	1440	9.0	13.8	19.90	14.60	7.5		6.6	72.5		4.0			0.288	0.071	0.010 U
12/16/96	1405	0.5	6.5	0.24	0.11	7.1	17	11.1	91.3	1.2	31.1			0.911	0.016	0.010 U
12/16/96	1410	8.5	7.0	7.46	5.79	7.0		10.2	88.9		0.0			0.819	0.026	0.016
1/13/97	1447	0.5	6.9	1.22	0.88	7.0	46	10.6	88.5	0.8	4.9			0.621	0.010 U	0.010 U
1/13/97	1451	10.0	7.2	4.28	3.28	6.9		10.3	88.3		0.2			0.564	0.010 U	0.010 U
2/4/97	1445	0.5	7.3	3.47	2.64	7.1	49 X	10.5	90.0	0.9	17.2			0.695	0.010 U	0.010 U
2/4/97	1450	8.0	7.4	4.63	3.54	7.2		10.4	89.7		4.2			0.603	0.010 U	0.010 U
3/24/97	1550	0.5	9.7	0.83	0.39	6.9		10.0	89.1	0.6	2.7			0.646	0.013	0.010 U
3/24/97	1555	9.5	9.5	2.81	1.96	6.7		11.2	100.6		0.7			0.658	0.013	0.010 U
4/24/97	1530	0.5	11.1	1.61	0.86		110	10.3	95.2	0.8	8.5			0.511	0.019	0.010
4/24/97	1535	9.0	11.2	4.87	3.38			9.9	93.3		1.4			0.396	0.034	0.021
5/21/97	1430	0.5	18.1	10.00	6.19		13	9.6	108.6	1.1	15.1			0.014	0.011	0.028
5/21/97	1430	8.5	17.7	11.78	7.64			8.2	92.9		13.5			0.011	0.024	0.032
6/18/97	1535	0.5	19.4	8.76	4.98		96	7.8	90.4	1.5	31.0			0.015	0.010 U	0.029
6/18/97	1540	7.5	19.2	11.03	6.74			7.4	86.3		9.0			0.017	0.010 U	0.024
7/15/97	1625	0.5	20.5	7.10	3.50		56	6.7	77.6	1.3	26.1			0.147	0.066	0.012
7/15/97	1630	6.5	20.3	13.09	8.06			6.0	72.7		19.1			0.052	0.050	0.051
8/18/97	1615	0.5	21.5	22.00	14.49		58	4.2	55.1	0.7	7.2			0.040	0.052	0.063
8/18/97	1620	8.5	21.5	22.20	14.65			4.2	54.9		0.8			0.030	0.040	0.052
9/23/97	1650	0.5	17.0	7.92	4.83		51	6.6	72.7	1.3	31.3			0.567	0.052	0.024
9/23/97	1655	8.5	17.2	19.63	13.70			6.0	70.3		0.8			0.290	0.058	0.043

WPA003

Lat (decimal):

46.705

Long (decimal):

-123.837

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1450	0.5	11.1	16.38	12.31	7.7	22	8.8	89.2	1.9	34.8	4.20	1.30	0.352	0.049	0.016
10/30/95	1455	6.0	11.9	24.63	18.56	8.0		8.3	90.5		27.3	1.80	3.10	0.147	0.042	0.028
12/4/95	1440	0.5	8.8	3.84	2.82	7.1	54 S	13.1	116.5	0.6	4.6	0.34	1.60	0.956	0.041	0.010 U
12/4/95	1445	6.5	9.2	10.42	7.92	7.6		9.4	87.8		0.0	1.60	5.00	0.796	0.052	0.014
1/16/96	1435	1.0	8.8	7.34	5.55	7.4	39	9.5	86.6	0.6	6.2	0.85	1.00	0.471	0.032	0.010 U
1/16/96	1440	6.0	8.8	8.88	6.75	7.5		9.5	86.8		0.1	1.30	4.10	0.531	0.038	0.010 U
2/13/96	1510	0.5	8.5	9.04	6.91	7.5	9	10.3	94.3	1.3	25.3	0.51	0.55	0.538	0.030	0.010 U
2/13/96	1515	6.0	8.2	17.41	13.48	7.9		9.8	93.5		3.5	1.30	0.75	0.222	0.018	0.010 U
3/12/96	1610	0.5	9.9	11.67	8.80	7.8		9.3	88.9	1.0	6.8	2.00	1.60	0.317	0.017	0.010 U
3/12/96	1615	6.5	10.0	17.58	13.39	8.0		8.8	87.3		5.2	0.97	1.10	0.127	0.012	0.010 U
4/29/96	1300	0.5	11.7	8.54	6.16	7.4	1 U	10.1		1.3	32.2	2.90	1.30	0.019	0.010 U	0.010 U
4/29/96	1305	6.0	11.6	17.26	12.91	7.8		9.4			0.3	3.00	5.60	0.207	0.023	0.014
5/30/96	1655	0.5	14.8	11.46	7.94	8.2	9	9.8	105.0	2.0	36.9	21.30	4.20	0.084	0.010 U	0.010 U
5/30/96	1700	5.5	14.2	18.30	13.29	7.8		8.3	90.9		12.2	8.60	1.60	0.022	0.015	0.010 U
6/19/96	1055	0.5					13			1.0		9.40	2.00	0.010 U	0.010 U	0.012
6/19/96	1100	10.0										5.80	3.80	0.010 U	0.010 U	0.020
7/15/96	1545	1.0	19.2	28.43	19.95	8.1		7.0	89.9	1.2	32.7	8.30	2.00	0.010 U	0.010 U	0.016
7/15/96	1550	7.5	18.8	28.78	20.33	8.1		7.0	90.2		36.3	5.40	4.50	0.010 U	0.010 U	0.018
8/13/96	1715	0.5	21.1	25.56	17.30	8.1	2	7.3	96.1		27.4	6.50	2.70	0.010 U	0.010 U	0.017
8/13/96	1720	6.5	19.0	27.70	19.45	8.0		6.7	86.1		34.5	3.40	2.20	0.010 U	0.010 U	0.024
9/24/96	1045	0.5	14.7	26.27	19.31	8.0	1	7.2	84.1	1.6	36.9	2.50	2.10	0.048	0.014	0.018
9/24/96	1050	6.5	14.7	26.25	19.30	8.0		7.2	84.0		21.6	3.10	3.00	0.048	0.018	0.018

WPA003

Lat (decimal):

46.705

Long (decimal):

-123.837

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1415	0.5	12.7	24.77	18.53	7.9	12	7.2	80.3	1.8	32.9	2.30	1.80	0.112	0.060	0.022
10/16/96	1420	6.5	12.7	24.85	18.60	7.9		7.3	80.4		18.2	2.20	3.80	0.107	0.062	0.022
12/16/96	1341	0.5	7.0	7.43	5.77	7.3	18	10.4	90.3	1.3	28.5			0.358	0.037	0.023
12/16/96	1346	5.5	7.6	17.62	13.70	7.7		9.6	90.6		0.0			0.336	0.036	0.036
1/13/97	1421	0.5	6.7	12.32	9.63	7.6	4	10.3	91.6	0.9	25.7			0.308	0.010 U	0.010 U
1/13/97	1425	7.0	7.0	14.40	11.24	7.6		10.0	91.4		1.3			0.247	0.010 U	0.010 U
2/4/97	1425	0.5	7.9	11.63	8.98	7.6	22	9.9	90.7	1.0	27.0			0.492	0.010 U	0.010 U
2/4/97	1430	6.5	7.9	17.92	13.91	7.8		9.6	91.4		0.9			0.321	0.010 U	0.010 U
3/24/97	1525	0.5	10.4	5.67	4.10	7.3	4	9.9	92.0	0.7	14.0	1.30	0.78	0.514	0.021	0.011 J
3/24/97	1530	7.0	10.1	14.24	10.79	7.8		9.4	91.9		2.2	2.80	1.80	0.281	0.014	0.030 J
4/24/97	1505	0.5	12.6	14.31	10.50		8	9.6	99.6	1.4	30.0	4.00	1.80	0.100	0.019	0.041
4/24/97	1510	8.5	12.0	15.49	11.49			9.6	98.7		5.7	5.70	5.90	0.053	0.012	0.035
5/21/97	1405	0.5	16.9	18.99	13.30		2	8.0	93.4	1.1	15.6	5.50	2.20	0.016	0.020	0.049
5/21/97	1405	6.5	16.2	19.75	14.01			7.9	91.2		2.7	4.70	2.70	0.010 U	0.018	0.050
6/18/97	1505	0.5	19.0	16.04	10.60		13	7.8	93.2	0.9	12.3	6.60	2.10	0.015	0.010 U	0.042
6/18/97	1435	8.5	18.0	17.43	11.86			7.6	89.2		6.1	4.60	3.20	0.022	0.010 U	0.052
7/15/97	1600	0.5	21.2	12.59	7.48		8	7.8	95.5	1.6	30.5	17.10	1.20	0.033	0.010 U	0.050
7/15/97	1610	6.0	19.8	18.24	12.08			6.3	77.3		16.1	2.10	1.50	0.028	0.021	0.066
8/18/97	1550	0.5	20.6	26.47	18.12		9	5.2	68.0	1.0	18.3	2.50	1.90	0.028	0.010 U	0.082
8/18/97	1555	8.0	19.9	27.08	18.75			5.4	69.9		13.0	2.30	5.30	0.027	0.010 U	0.084
9/23/97	1530	0.5	18.2	14.41	9.52		16	6.9	80.9	1.4	34.1	4.10	0.76	0.324	0.043	0.039
9/23/97	1635	8.5	17.9	25.71	18.19			8.1	100.6		44.0	2.10	2.20	0.109	0.024	0.039

WPA004

Lat (decimal):

46.687

Long (decimal):

-123.972

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL ^a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1320	0.5	11.1	23.43	17.76	8.0	1	8.7	92.2	3.5	62.0	1.80	0.92	0.125	0.036	0.019
10/30/95	1325	10.0	12.0	26.62	20.10	8.0		8.4	93.1		72.2	2.40	1.70	0.074	0.024	0.019
12/4/95	1305	0.5	9.1	14.00	10.72	7.8	15	10.0	95.8	1.2	35.0	0.37	0.99	0.458	0.042	0.016
12/4/95	1310	8.0	9.9	18.55	14.16	7.9		9.7	96.6		45.8	0.73	1.30	0.350	0.039	0.021
1/16/96	1255	0.5	9.1	15.08	11.55	8.0		9.2	88.3	1.4	25.1	0.60	0.86	0.304	0.028	0.011
1/16/96	1300	6.0	9.5	19.98	15.33	8.0		8.9	89.1		31.9	0.95	1.10	0.153	0.021	0.010 U
2/13/96	1345	0.5	8.5	13.59	10.45	7.9	2	10.0	94.1	2.2	42.0	0.80	0.49	0.414	0.018	0.015
2/13/96	1350	10.0	8.4	17.67	13.66	8.0		9.9	95.0		39.3	1.30	0.65	0.159	0.010 U	0.010 U
3/12/96	1350	0.5	10.0	17.53	13.35	8.1		9.0	89.9	2.8	59.4	2.00	0.76	0.159	0.013	0.010 U
3/12/96	1355	5.5	9.8	21.37	16.36	8.1		8.8	89.4		70.3			0.068	0.010 U	0.010 U
4/29/96	1030	0.5					1 U			2.7		4.10	1.20	0.085	0.014	0.011
4/29/96	1035	10.0										4.50	1.10	0.086	0.011	0.010 U
5/30/96	1450	0.5	13.5	25.20	18.73	7.9	1 U	8.0	90.0	3.5	60.3	6.00	2.00	0.023	0.010 U	0.012
5/30/96	1450	6.5	13.0	25.57	19.10	7.9		8.1	91.2		55.1	6.50	1.90	0.031	0.010 U	0.016
6/19/96	1310	0.5	13.9	26.61	19.74	7.9	1 U	7.9	91.3	2.7	44.5	6.70	1.90	0.062	0.010 U	0.030
6/19/96	1315	10.0	13.9	26.61	19.74	7.9		8.0	91.8		43.4	6.90	2.30	0.060	0.010 U	0.031
8/13/96	1430	0.5	13.9	30.20	22.51	8.0	1 U	8.1	94.6	3.6	68.8	7.60	1.50	0.146	0.010 U	0.025
8/13/96	1435	7.0	13.4	30.59	22.89	8.0		7.7	89.9		63.5	8.60	1.40	0.171	0.010 U	0.041
9/24/96	1110	0.5	13.8	30.27	22.57	8.2	1 U	7.7	89.9	3.9	70.3	2.10	2.40	0.056	0.010 U	0.012
9/24/96	1150	10.0	13.8	30.33	22.63	8.2		7.7	90.0		69.3	5.30	2.10			

WPA004

Lat (decimal):

46.687

Long (decimal):

-123.972

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO P04-P DISS (mg/L)
10/16/96	1230	0.5	13.0	27.31	20.45	8.1	7	7.6	86.3	3.6	64.4	4.00	1.20	0.064	0.015	0.017
10/16/96	1235	10.0	12.9	27.48	20.58	8.1		7.7	87.1		57.7	4.10	1.50	0.051	0.010	0.012
12/16/96	1135	0.5	7.2	14.97	11.67	7.7	5	10.0	91.7	1.4	37.7			0.377	0.033	0.039
12/16/96	1140	8.5	7.7	20.07	15.61	7.8		9.6	92.6		42.4			0.366	0.034	0.035
1/13/97	1251	0.5	6.9	15.06	11.76	7.7	3	10.1	92.0	1.7	36.7			0.247	0.010 U	0.010 U
1/13/97	1221	10.0	7.2	17.25	13.45	7.7		10.0	93.2		38.5			0.207	0.010 U	0.010 U
2/4/97	1225	0.5	7.6	18.73	14.58	7.8	1 U	9.7	92.3	2.0	61.4			0.298	0.010 U	0.010 U
2/4/97	1230	10.0	7.6	19.54	15.21	7.8		9.8	93.6		60.1			0.267	0.010 U	0.010 U
3/24/97	1320	0.5	10.2	19.84	15.12	8.0	1 U	9.4	95.5	2.6	54.5	1.80	0.80	0.180	0.010 U	0.040 J
3/24/97	1325	10.0	9.9	20.78	15.89	8.0		9.5	96.3		51.0	2.60	0.94	0.157	0.010 U	0.041 J
4/24/97	1245	0.5	11.8	20.22	15.17		1 U			2.5	52.7	10.50	1.90	0.016	0.010 U	0.048
4/24/97	1250	10.0	11.8	20.30	15.24			10.0	105.5		46.4	7.60	1.20	0.010 U	0.011	0.047
6/18/97	1310	0.5	16.7	19.48	13.70		1 U	8.8	102.7	2.8	62.2	4.10	1.50	0.027	0.010 U	0.048
6/18/97	1315	10.0	16.7	19.59	13.79			8.9	103.2		58.8	5.90	1.90	0.025	0.010 U	0.050
8/18/97	1350	0.5	17.2	26.05	18.61		1 U	7.5	91.9	3.2	55.8	5.50	2.50	0.027	0.010 U	0.062
8/18/97	1355	10.0	17.2	26.09	18.65			7.5	91.9		54.2	5.70	1.90	0.024	0.010 U	0.069
9/23/97	1415	0.5	18.8	22.52	15.55		2	6.8	83.5	2.9	42.8	4.40	1.00	0.147	0.019	0.037
9/23/97	1420	8.5	17.8	27.19	19.35			6.8	84.5		59.5	2.90	1.50	0.073	0.012	0.042

WPA006

Lat (decimal):

46.545

Long (decimal):

-123.978

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1355	0.5	12.1	22.92	17.22	7.9	1 U	8.5	91.8	3.0	60.6	2.70	1.40	0.064	0.029	0.020
10/30/95	1400	3.5	12.2	24.14	18.13	8.0		8.5	92.4		61.1					
12/4/95	1345	0.5	9.8	17.30	13.19	7.8	1 U	10.3	102.5	1.3	40.4	0.82	1.30	0.252	0.048	0.024
12/4/95	1350	8.5	9.8	17.35	13.23	7.8		9.7	95.7		34.0	0.92	2.00	0.304	0.055	0.030
1/16/96	1410	0.5	9.2	18.24	14.01	8.0	1 U	9.1	89.5	1.2	36.8	0.98	1.10	0.174	0.026	0.013
1/16/96	1415	10.0	9.2	18.24	14.01	8.0		9.2	90.1		32.8	0.93	1.50	0.140	0.026	0.010 U
2/13/96	1425	0.5	8.5	17.05	13.17	8.0	1 U	9.9	95.3	2.4	58.2	1.30	0.44	0.191	0.011	0.010 U
2/13/96	1430	3.0	8.3	17.19	13.29	8.0		10.0	95.7		55.3	1.40	0.85	0.122	0.010 U	0.010 U
3/12/96	1440	0.5	9.7	18.13	13.86	8.1		9.3	92.5	2.3	56.6	1.80	0.80	0.075	0.010 U	0.010 U
3/12/96	1445	4.0	9.6	19.31	14.78	8.1		9.2	92.1		63.5	1.50	0.65	0.078	0.010 U	0.010 U
4/29/96	1115	0.5					1 U			2.9		3.60	1.40	0.048	0.010 U	0.010 U
4/29/96	1120	10.0										3.40	1.50	0.055	0.019	0.010 U
5/30/96	1525	0.5	14.0	22.75	16.74	7.9	1 U	7.9	89.3	2.7	50.6	4.80	2.50	0.010 U	0.010 U	0.020
5/30/96	1525	8.5	13.7	23.24	17.18	7.8		7.9	88.0		45.5	5.30	4.20	0.010 U	0.010 U	0.011
6/19/96	1240	0.5	15.8	22.97	16.55	7.9	1 U	7.5	87.6	2.4	40.5	3.40	0.98	0.010 U	0.010 U	0.029
6/19/96	1245	10.0	15.2	24.41	17.79	7.9		7.7	89.1		41.8	3.30	1.90	0.018	0.010 U	0.030
7/15/96	1505	1.0	17.0	29.22	21.08	8.2		8.3	102.9	2.2	49.8	16.70	2.70	0.010 U	0.010 U	0.016
7/15/96	1510	10.0	16.0	29.88	21.81	8.1		8.1	99.2		47.9	15.40	3.40	0.010 U	0.010 U	0.017
8/13/96	1530	0.5	17.6	29.42	21.11	8.2	1 U	8.3	104.9	2.1	58.0	7.60	2.00	0.010 U	0.010 U	0.026
8/13/96	1535	8.5	17.2	29.49	21.26	8.2		8.2	102.2		58.5	8.20	1.80	0.010 U	0.010 U	0.022
9/24/96	1145	0.5	15.0	28.03	20.60	8.2	1	7.9	93.5	4.5	64.6	4.90	1.20	0.017	0.010 U	0.021
9/24/96	1150	7.0	14.9	28.05	20.64	8.2		8.0	94.7		70.2	4.70	1.90	0.036	0.010 U	0.016

WPA006

Lat (decimal):

46.545

Long (decimal):

-123.978

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1310	0.5	13.3	27.77	20.74	8.0		7.4	85.1	3.2	62.7	2.90	1.90	0.060	0.019	0.027
10/16/96	1315	5.0	13.3	27.77	20.74	8.0	1	7.5	85.6		53.9	3.00	1.60	0.060	0.018	0.026
12/16/96	1202	0.5	7.2	18.67	14.57	7.8	3	9.7	91.1	1.8	45.6			0.224	0.039	0.040
12/16/96	1209	7.5	7.4	19.73	15.38	7.8		9.6	91.8		27.6			0.221	0.039	0.040
1/13/97	1251	0.5	7.4	15.09	11.75	7.6	1 U	9.9	91.6	1.0	23.8			0.221	0.010 U	0.012
1/13/97	1258	10.0	7.3	15.61	12.15	7.7		10.0	92.5		21.9			0.207	0.010 U	0.010 U
2/4/97	1255	0.5	7.6	20.09	15.64	7.8		9.6	92.3	1.9	46.2			0.238	0.010 U	0.010 U
2/4/97	1300	9.5	7.6	20.46	15.93	7.8		9.7	93.2		42.9			0.239	0.010 U	0.010 U
3/24/97	1355	0.5	10.3	17.08	12.96	7.9	1 U	9.5	94.7	2.4	57.4	2.90	0.83	0.164	0.010 U	0.037 J
3/24/97	1400	7.5	10.2	17.46	13.28	7.9		9.5	94.7		46.3	3.30	1.40	0.172	0.010 U	0.038 J
4/24/97	1315	0.5	12.5	18.37	13.62		1	9.8	103.6	2.8	54.5	4.10	1.70	0.010 U	0.010 U	0.046
4/24/97	1320	10.0	12.4	18.70	13.90			9.9	104.8		55.1	4.40	2.20	0.010 U	0.010 U	0.046
6/18/97	1330	0.5	17.8	20.47	14.23		1 U	8.3	99.9	3.2	66.5	3.40	1.10	0.010 U	0.010 U	0.036
6/18/97	1335	5.5	17.7	20.46	14.23			8.4	100.3		66.5	3.50	1.30	0.010 U	0.010 U	0.040
7/15/97	1320	0.5	19.9	20.72	13.93		1 U	7.1	88.5	4.2	69.9	3.40	0.87	0.022	0.010 U	0.076
7/15/97	1325	10.0	19.5	21.10	14.30			7.2	89.2		66.1	3.60	2.00	0.026	0.010 U	0.064
8/18/97	1430	0.5	19.5	27.43	19.13		1 U	6.3	81.0	3.6	65.7	4.40	2.30	0.023	0.010 U	0.081
8/18/97	1435	5.0	19.1	27.42	19.21			6.4	81.8		59.6	3.30	2.30	0.022	0.010 U	0.081
9/23/97	1445	0.5	19.1	23.88	16.50		1	6.6	82.4	2.8	55.8	4.10	0.49	0.085	0.035	0.052
9/23/97	1450	9.5	18.1	25.55	18.03			6.6	82.5		60.7	3.50	1.10	0.083	0.028	0.052

WPA007

Lat (decimal):

46.453

Long (decimal):

-124.008

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/30/95	1415	0.5	11.7	22.41	16.88	7.9	1 U	8.6	92.0	2.6	55.0	2.00	1.40	0.063	0.030	0.032
10/30/95	1420	9.0	11.7	22.56	17.00	7.9		8.6	91.8		49.9	1.70	1.70	0.053	0.027	0.028
12/4/95	1410	0.5	9.0	15.53	11.91	7.7	2	11.9	114.5	0.7	15.4	0.79	2.50	0.220	0.066	0.026
12/4/95	1415	3.5	9.3	15.52	11.88	7.7		10.1	97.3		9.1	0.81	2.60	0.220	0.062	0.025
1/16/96	1340	0.5	9.1	16.59	12.73	7.9	1 U	9.1	88.7	1.0	19.1	1.20	1.20	0.230	0.036	0.020
1/16/96	1345	9.0	9.1	17.07	13.11	8.0		9.1	88.9		12.3	1.30	1.90	0.185	0.030	0.014
2/13/96	1445	0.5	8.4	13.45	10.37	7.9	1	10.6	99.1	2.0	54.0	1.70	0.71	0.218	0.017	0.011
2/13/96	1450	8.0	7.9	13.85	10.73	7.9		10.6	98.5		52.1			0.124	0.010 U	0.010 U
3/12/96	1520	0.5	9.7	17.58	13.43	8.1		9.3	92.2	3.2	68.9	1.40	0.88	0.031	0.010 U	0.010 U
3/12/96	1525	10.0	9.7	17.58	13.43	8.1		9.4	92.7		69.8	1.10	0.76	0.055	0.010 U	0.010 U
4/29/96	1150	0.5	12.2	17.85	13.27	7.9		9.6		2.7	59.5					
4/29/96	1155	10.0	12.2	17.85	13.28	7.9		9.7			59.0	3.70	1.60	0.020	0.010 U	0.010 U
5/30/96	1625	0.5	15.3	18.27	13.05	7.9	2	8.2	92.2	2.5	49.5	2.50	1.50	0.010 U	0.010 U	0.015
5/30/96	1630	8.5	14.7	19.40	14.03	7.8		8.0	89.4		46.9	2.60	1.90	0.010 U	0.010 U	0.020
6/19/96	1210	0.5	16.5	20.87	14.80	7.9	1	7.4	86.6	2.0	39.2	2.10	1.10	0.010 U	0.010 U	0.034
6/19/96	1215	10.0	16.2	20.89	14.88	7.9		7.4	85.9		38.4	2.00	1.10	0.010 U	0.010 U	0.033
7/15/96	1410	1.0	19.5	26.33	18.29	8.1		6.7	85.8	2.9	62.6	4.00	2.10	0.010 U	0.010 U	0.024
7/15/96	1415	10.0	19.4	26.40	18.37	8.1		6.7	86.2		54.3	4.10	2.60	0.010 U	0.010 U	0.025
8/13/96	1640	0.5	19.6	28.40	19.84	8.2	1 U	7.5	97.4	3.0	48.8	2.50	1.50	0.010 U	0.010 U	0.034
8/13/96	1645	9.0	18.9	28.49	20.08	8.1		7.1	91.0		47.7	2.60	1.60	0.010 U	0.010 U	0.037
9/24/96	1205	0.5	15.4	27.84	20.37	8.0	1	7.3	87.0	2.6	59.8	2.50	1.90	0.046	0.012	0.030
9/24/96	1210	5.5	15.4	27.85	20.39	8.0		7.2	86.2		59.4	2.20	1.50	0.043	0.015	0.026

WPA007

Lat (decimal):

46.453

Long (decimal):

-124.008

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1435	0.5	13.6	27.71	20.64	8.0	2	7.3	83.4	2.3	47.3	1.80	1.90	0.058	0.028	0.035
10/16/96	1440	10.0	13.5	27.70	20.64	8.0		7.3	84.0		39.5	1.80	1.80	0.048	0.028	0.034
12/16/96	1226	0.5	6.5	17.10	13.40	7.7	4	10.0	91.9	2.0	50.1			0.223	0.042	0.039
12/16/96	1228	1.5	6.7	17.18	13.45	7.7		10.0	91.6		46.6			0.223	0.042	0.043
1/13/97	1316	0.5	6.9	14.60	11.40	7.6	1 U	10.0	90.8	0.7	12.1			0.223	0.010 U	0.013
1/13/97	1323	10.0	7.0	14.59	11.39	7.6		10.0	91.2		7.3			0.222	0.010 U	0.013
2/4/97	1315	0.5	6.9	16.98	13.27	7.8		10.0	92.7	1.8	23.9			0.202	0.010 U	0.010 U
2/4/97	1320	10.0	7.3	18.60	14.50	7.8		9.9	92.8		31.4			0.223	0.010 U	0.010 U
3/24/97	1420	0.5	10.6	14.92	11.24	7.9	1 U	9.5	94.3	2.2	46.2	2.20	1.00	0.147	0.010 U	0.029 J
3/24/97	1425	10.0	10.5	15.00	11.32	7.9		9.6	95.4		47.4	2.20	1.50	0.154	0.010 U	0.035 J
4/24/97	1350	0.5	12.7	17.93	13.26		1	9.5	101.2	2.3	53.0	3.40	1.80	0.011	0.010 U	0.049
4/24/97	1355	8.0	12.7	17.96	13.29			9.5	101.1		48.8	3.30	1.80	0.010 U	0.010 U	0.045
5/21/97	1251	0.5	17.4	19.09	13.27		1 U	8.1	95.3	2.1	39.1	2.50	2.10	0.018	0.011	0.055
5/21/97	1250	1.5	17.4	19.09	13.27			8.1	95.4		37.3	2.50	2.00	0.014	0.011	0.052
6/18/97	1355	0.5	18.4	19.14	13.08		1 U	7.9	95.1	2.6	60.7	2.60	1.60	0.010 U	0.010 U	0.032
6/18/97	1400	10.0	18.4	19.19	13.12			7.9	95.2		60.2	2.60	1.60	0.010 U	0.010 U	0.048
7/15/97	1350	0.5	20.3	19.35	12.80		1 U	6.9	86.3	3.0	61.2	2.20	0.88	0.024	0.010 U	0.078
7/15/97	1355	10.0	20.2	19.43	12.89			6.9	85.7		61.2	1.90	1.20	0.027	0.010 U	0.078
8/18/97	1455	0.5	21.1	26.74	18.20		1 U	5.4	72.0	2.0	43.4	1.90	2.70	0.028	0.010 U	0.083
8/18/97	1500	4.0	20.9	26.83	18.33			5.5	72.4		41.5					
9/23/97	1445	0.5	18.5	24.00	16.75		1	6.3	78.5	2.5	51.7	2.40	1.10	0.073	0.038	0.048
9/23/97	1515	10.0	18.4	24.02	16.79			6.4	78.7		43.9	2.20	1.50	0.073	0.043	0.052

WPA008

Lat (decimal):

46.464

Long (decimal):

-123.939

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
4/29/96	1225	0.5	12.1	14.76	10.90	7.8		9.9		2.0	40.9					
4/29/96	1230	10.0	12.1	15.57	11.54	7.9		9.9			46.3					
6/19/96	1145	0.5					6			1.0		6.20	2.90	0.010 U	0.010 U	0.023
6/19/96	1150	10.0										5.30	3.80	0.010 U	0.010 U	0.027
7/15/96	1440	1.5	20.6	25.29	17.22	8.0		6.4	84.0	1.8	41.7	4.00	1.90	0.010 U	0.010 U	0.026
7/15/96	1445	5.5	20.5	25.36	17.29	8.0		6.5	84.1		36.8	3.80	2.40	0.010 U	0.010 U	0.026
8/13/96	1600	0.5	19.2	27.95	19.59	8.0	1 U	6.8		2.1	47.3	3.20	3.40	0.010 U	0.010 U	0.036
8/13/96	1605	10.0	19.2	27.95	19.58	8.0		6.8			46.5	3.80	2.20	0.010 U	0.010 U	0.035
9/24/96	1240	0.5	15.5	27.54	20.12	8.0	1 U	7.5	89.0	2.6	54.1	2.60 J	1.40 J	0.038	0.020	0.031
9/24/96	1245	10.0	15.3	27.66	20.26	8.0		7.5	89.0		55.7	2.50	1.70	0.045	0.015	0.032

WPA008

Lat (decimal):

46.464

Long (decimal):

-123.939

DATE (YY/MM/DD)	TIME (LOCAL)	WATER DEPTH (m)	TEMP (deg C)	SALINITY (PSU)	DENSITY	pH	FEC COLI MF (#/100mL)	DO (mg/L)	DO SATUR (%)	SECCHI (m)	LIGHT TRANS (%)	CHLRPHL a (ug/L)	PHEOPIG (ug/L)	NO3 & NO2-N DISS (mg/L)	NH4 & NH3-N DISS (mg/L)	ORTHO PO4-P DISS (mg/L)
10/16/96	1350	0.5	13.3	24.29	18.07	7.8	17	7.2	80.7	1.7	34.0	1.60	1.80	0.071	0.039	0.031
10/16/96	1355	10.0	13.2	25.52	19.03	7.9		7.2	81.2		29.9	1.90	2.70	0.056	0.038	0.026
12/16/96	1305	0.5	6.4	7.37	5.76	7.4	13	10.5	89.9	0.9	14.2			0.365	0.030	0.025
12/16/96	1311	10.0	6.5	11.96	9.36	7.6		10.1	89.9		7.1			0.299	0.035	0.032
1/13/97	1342	0.5	6.8	10.53	8.22	7.4	4	10.1	89.7	0.7	9.0			0.258	0.010 U	0.010 U
1/13/97	1349	10.0	6.7	11.57	9.04	7.4		10.1	89.8		6.2			0.200	0.010 U	0.010 U
2/4/97	1400	0.5	7.3	15.14	11.79	7.8	1	10.2	94.0	1.6	19.9			0.262	0.010 U	0.010 U
2/4/97	1405	10.0	7.3	15.44	12.03	7.8		10.3	95.3		31.3			0.255	0.010 U	0.010 U
3/24/97	1500	0.5	11.1	11.75	8.72	7.8	1 U	9.5	94.0	1.3	21.6	2.10	0.67	0.189	0.013	0.025 J
3/24/97	1505	10.0	10.4	14.36	10.84	7.9		9.6	94.2		23.2	2.50	2.00	0.158	0.011	0.031 J
4/24/97	1430	0.5	12.7	13.77	10.05		5	9.6	99.7	1.4	31.8	3.70	1.80	0.045	0.010 U	0.038
4/24/97	1435	9.0	12.6	14.62	10.73			9.6	99.5		16.0	3.60	2.70	0.021	0.010 U	0.038
5/21/97	1315	0.5	17.6	17.60	12.08		4	7.7	90.9	1.4	23.4	3.10	2.10	0.013	0.010	0.050
5/21/97	1320	10.0	17.6	17.70	12.17			7.8	91.2		25.0	3.40	3.40	0.011	0.015	0.050
6/18/97	1430	0.5	19.0	16.77	11.15		6	7.8	93.2	1.7	28.9	2.80	1.60	0.010 U	0.010 U	0.051
6/18/97	1435	10.0	18.3	17.98	12.23			7.8	93.0		42.0	2.90	2.30	0.010 U	0.010 U	0.035
7/15/97	1515	0.5	21.4	13.48	8.09		2	7.5	92.8	1.6	36.0	5.10	1.40	0.019	0.010 U	0.050
7/15/97	1520	10.0	20.5	15.40	9.75			6.9	84.4		40.5	3.50	1.10	0.020	0.010 U	0.058
8/18/97	1515	0.5	21.7	25.61	17.19		5	5.2	69.4	1.7	30.6	2.50	2.40	0.030	0.011	0.087
8/18/97	1520	10.0	21.0	26.73	18.21			5.4	71.8		49.6	1.90	1.60	0.028	0.011	0.092
9/23/97	1535	0.5	19.1	16.73	11.09		10	6.5	78.4	2.7	32.3	4.50	1.10	0.183	0.048	0.044
9/23/97	1545	10.0	18.1	20.11	13.90			6.2	74.6		39.1	1.90	2.00	0.115	0.053	0.050