Sample ID	N-NH4 (ug/L)	N-NH4 (uM)	P-PO4 (ug/L)	P-PO4 (uM)	N-NO3 (ug/L)	N-NO3 (uM)	DIN (uM)
Bridge 0.5m. 42208	not detectable	not detectable	1.6	0.05	2.1	0.2	0.15
Bridge 5.5m(stet) 042208	not detectable	not detectable	1.1	0.04	4.8	0.3	0.34
Bridge 0.5m 052908	not detectable	not detectable	2.0	0.06	1.8	0.1	0.13
Bridge 3m 052908	not detectable	not detectable	1.6	0.05	3.7	0.3	0.26
Bridge 0.5m 062908	7.3	0.52	1.7	0.06	2.3	0.2	0.69
Bridge 5m 062908	22.1	1.58	1.1	0.04	0.9	0.1	1.64
Bridge 0.5m 072808	16.5	1.18	1.1	0.04	4.6	0.3	1.51
Bridge 5m 072808	9.6	0.69	2.5	0.08	3.8	0.3	0.96
Bridge 0.5m 100708	4.8	0.34	2.3	0.08	1.8	0.1	0.47
Bridge 5.5m 100708	1.9	0.14	not detectable	not detectable	2.0	0.1	0.28
Depot 0.5m 042108	22.2	1.59	6.2	0.20	24.1	1.7	3.31
Depot 3m 042108	11.7	0.83	3.6	0.11	20.7	1.5	2.31
Depot 9m 042108	17.1	1.22	2.2	0.07	39.3	2.8	4.03
Depot 0.5m 101308	1.6	0.11	not detectable	not detectable	4.1	0.3	0.41
Great 0.5m 042108	5.0	0.36	2.9	0.09	5.8	0.4	0.77
Great 3m 042108	5.5	0.39	1.6	0.05	3.9	0.3	0.67
Great 9m 042108	56.3	4.02	1.8	0.06	29.2	2.1	6.11
Great 10m 042108	124.2	8.87	1.0	0.03	28.4	2.0	10.90
Herring 0.5m 042108	16.7	1.19	4.9	0.16	14.1	1.0	2.20
Herring 3m 042108	11.8	0.84	2.3	0.08	10.6	0.8	1.60
Herring 9m 042108	12.5	0.89	2.3	0.08	4.0	0.3	1.18
Herring 0.5m 101408	33.2	2.37	7.5	0.24	7.2	0.5	2.89
Higgins 0.5m 040908	11.6	0.83	3.2	0.10	5.4	0.4	1.21
Higgins 0.5m (stet) 040908	18.3	1.31	5.3	0.17	6.7	0.5	1.79
Higgins 0.5m 052808	259.1	18.51	10.1	0.33	14.7	1.1	19.56
Higgins 0.5m 052808	275.8	19.70	25.9	0.84	116.1	8.3	27.99
Higgins 0.5m 062308	34.0	2.43	12.2	0.39	17.8	1.3	3.70
Higgins 0.5m 062308	29.0	2.07	16.0	0.52	30.1	2.2	4.22
Higgins 3ft 072508	47.4	3.39	32.2	1.04	22.7	1.6	5.01
Higgins 3ft 072508	43.5	3.11	26.8	0.86	19.2	1.4	4.48
Higgins 0.5m 092208	45.8	3.27	13.1	0.42	59.5	4.3	7.52
Higgins 0.5m 092208	32.8	2.34	6.9	0.22	17.3	1.2	3.58
Higgins 0.5m 101708	39.8	2.84	18.6	0.60	78.2	5.6	8.43
Higgins 0.5m 101708	53.6	3.83	9.1	0.29	34.2	2.4	6.27
Jemima 0.5m 042808	14.3	1.02	not detectable	not detectable	6.4	0.5	1.47
Jemima 3m 042808	11.3	0.81	not detectable	not detectable	3.7	0.3	1.07
Little Depot 0.5m 041508	17.7	1.26	1.6	0.05	7.0	0.5	1.76
Little Depot 3m 041508	29.8	2.13	4.9	0.16	7.5	0.5	2.66
Little Depot 0.5m 051508	23.8	1.70	1.3	0.04	4.1	0.3	1.99
Little Depot 3m 051508	18.0	1.29	1.3	0.04	4.0	0.3	1.57
Little Depot 0.5m 060208	34.2	2.44	3.7	0.12	24.7	1.8	4.21
Little Depot 3m 063008	48.8	3.49	3.4	0.11	40.7	2.9	6.39
Little Depot 0.5m 092208	17.6	1.26	3.2	0.10	5.6	0.4	1.66
Little Depot 1.75m 092208	14.2	1.01	1.8	0.06	5.5	0.4	1.41
Little Depot 0.5m 102408	21.6	1.54	2.2	0.07	9.0	0.6	2.19
Little Depot 3m 102408	50.8	3.63	2.3	0.08	9.4	0.7	4.30
Minister 0.5m 042208	17.3	1.24	1.1	0.04	80.5	5.7	6.98
Minister 3m 042208	15.8	1.13	1.1	0.04	82.5	5.9	7.02

Minister 0.5m 101608	16.9	1.21	2.9	0.09	20.9	1.5	2.70
Moll's 0.5m 041608	28.5	2.04	not detectable	not detectable	65.0	4.6	6.68
Moll's 3m 041608	27.1	1.94	1.3	0.04	77.6	5.5	7.48
Moll's 0.5m 072808	16.8	1.20	1.5	0.05	7.3	0.5	1.72
Moll's 3m 082608	23.5	1.68	1.0	0.03	3.8	0.3	1.95
Muddy 0.5m 041508	17.2	1.23	1.5	0.05	3.3	0.2	1.46
Muddy 1m 041508	13.0	0.93	1.5	0.05	40.9	2.9	3.85
Muddy 0.5m 101308	12.8	0.91	not detectable	not detectable	15.7	1.1	2.04
Schoolhouse 0.5m 042208	41.9	2.99	1.8	0.06	38.9	2.8	5.77
Schoolhouse 3m 042208	25.6	1.83	not detectable	not detectable	40.2	2.9	4.70
Schoolhouse 0.5m 101408	18.3	1.30	2.5	0.08	2.7	0.2	1.50
Widow Harding 0.5m 043008	30.6	2.19	not detectable	not detectable	5.2	0.4	2.56
Widow Harding 3m 043008	46.5	3.32	not detectable	not detectable	17.0	1.2	4.54

TP-PO4 (uM)	TN-NO3 (uM)	DIN:TP
0.50	19.71	0.3
0.61	33.66	1
0.48	28.22	0.3
0.26	28.69	1
0.86	34.43	1
0.61	21.95	3
0.41	24.57	4
1.47	40.39	1
0.57	31.09	1
0.33	20.84	1
0.44	53.19	8
0.45	21.25	5
0.37	20.73	11
0.18	15.09	2
0.47	17.88	2
0.63	19.18	1
0.37	18.56	16
0.41	24.51	27
0.52	34.80	4
0.48	32.26	3
0.68	34.35	2
0.96	31.30	3
5.10	116.51	0.2
3.84	107.51	0.5
3.20	74.01	6
2.85	82.09	10
5.37	131.62	1
5.62	109.84	1
4.97	163.91	1
7.40	197.09	1
43.52	749.23	0.2
46.76	838.87	0.1
30.29	589.23	0.3
53.54	791.55	0.1
0.35	17.35	4
0.44	16.61	2
0.88	40.39	2
0.75	40.56	4
0.48	23.76	4
0.86	54.43	2
0.56	29.79	7
1.09	35.27	6
0.66	24.84	3
0.81	29.12	2
1.97	64.34	1
0.65	29.77	7
0.46	27.37	15
0.59	25.28	12

0.71	31.39	4
0.23	24.00	29
0.35	22.50	21
0.82	39.84	2
0.50	20.17	4
0.62	22.65	2
0.81	24.61	5
0.91	23.84	2
0.42	20.11	14
0.73	24.21	6
0.50	26.66	3
0.44	20.66	6
0.39	20.06	12