WAMPANOAG ENVIRONMENTAL LABORATORY
1 Herring Creek Road, Aquinnah, MA
508-645-2903

Nantucket Water Quality Analysis

Salt Water:

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NAN1	6/9/2011	33.4	0.49	0.006	<0.05	0.890	<0.05	5.6	1.2	0.19
NAN1-D	6/9/2011	33.7	0.69	<0.0015	<0.05	0.260	<0.05	3.7	2.1	0.06
NAN2	6/9/2011	34.2	0.84	0.0095	<0.05	0.410	<0.05	5.2	2.6	0.21
NAN2-D	6/9/2011	34.2	0.79	0.0046	<0.05	0.220	<0.05	6	3.2	0.05
NAN3	6/9/2011	34.4	0.68	0.0065	<0.05	0.14	<0.05	5.7	3.2	0.14
NAN3-D	6/9/2011	34.5	0.41	0.003	<0.05	0.660	<0.05	5.1	4.1	0.12
NAN4	6/9/2011	34.2	0.42	0.0067	<0.05	0.110	<0.05	4	2	0.08
NAN4-D	6/9/2011	34.3	0.21	0.0052	<0.05	0.610	<0.05	4.2	2.3	<0.05
NAN5	6/9/2011	34.1	0.64	0.0064	<0.05	0.110	<0.05	4.5	2.6	<0.05
NAN5-D	6/9/2011	34.3	0.39	0.0052	<0.05	0.32	<0.05	3.5	2.6	0.06
NAN6	6/9/2011	34.4	0.63	0.0053	<0.05	0.420	<0.05	4.7	1.9	0.11
NAN6-D	6/9/2011	34.5	0.24	0.0047	<0.05	0.050	<0.05	4.2	2	0.09
NAN7	6/9/2011	34.5	0.51	0.0049	<0.05	0.130	<0.05	5.3	3.6	<0.05
NAN7-D	6/9/2011	34.6	0.82	0.0043	<0.05	0.940	<0.05	3	3.2	0.08
NAN8	6/9/2011	34.6	0.66	0.0039	<0.05	0.630	<0.05	3.9	2.1	0.14
NAN8-D	6/9/2011	34.6	0.24	0.0054	<0.05	0.060	<0.05	5.5	3.6	0.09
LONG #5		14	0.42	0.0054	<0.05	0.91	0.13	13.9	4.2	1.9
LONG #6		16.6	0.86	0.0062	<0.05	0.240	<0.05	18.6	9.6	2.6

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA
508-645-2903

NANTUCKET WATER QUALITY ANALYSIS

6/16-6/17

Lab ID		Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MH1	**6/16-6/17**	30.9	0.05	0.0048	<0.05	0.190	<0.05	6	4.8	0.39
MH1-D	**6/16-6/17**	31	0.14	0.0034	<0.05	0.200	<0.05	5.2	3.1	0.24
MH2	**6/16-6/17**	33.2	0.05	0.004	<0.05	0.240	<0.05	3.9	2.6	0.32
MH2-D	**6/16-6/17**	33.3	0.05	0.0032	<0.05	0.160	<0.05	5.1	1.6	0.36
MH3	**6/16-6/17**	34.1	0.21	0.0036	<0.05	0.090	<0.05	4.2	2	1.18
MH3-D	**6/16-6/17**	34.1	0.18	0.0043	<0.05	0.06	<0.05	6.8	4.1	0.33
MH4	**6/16-6/17**	34.1	0.05	0.0045	<0.05	0.140	<0.05	11.1	2.6	0.18
MH4-D	**6/16-6/17**	34.1	0.05	0.0034	<0.05	0.130	<0.05	5.7	1.9	0.35
SEA1	**6/16-6/17**	13.8	0.14	0.0042	<0.05	0.190	<0.05	11.4	3.6	0.41
SEA1-D	**6/16-6/17**	13.8	0.23	0.003	<0.05	0.210	<0.05	12.2	4.9	0.44
SEA2	**6/16-6/17**	13.8	0.16	0.0039	<0.05	0.640	<0.05	10.3	6.1	0.52
SEA2-D	**6/16-6/17**	13.9	0.14	0.0057	<0.05	0.390	<0.05	10.3	4.1	0.3
SEA3	**6/16-6/17**	13.9	0.05	0.0046	<0.05	0.05	<0.05	11.2	3.6	0.38
SEA3-D	**6/16-6/17**	13.9	0.05	0.004	<0.05	0.090	<0.05	10.9	2.1	0.5
SEA4	**6/16-6/17**	13.9	0.09	0.0064	<0.05	0.110	<0.05	11.3	4.2	0.52
SEA4-D	**6/16-6/17**	13.9	0.1	0.0064	<0.05	0.100	<0.05	11	4.6	0.42

WAMPANOAG ENVIRONMENTAL LABORATORY
1 Herring Creek Road, Aquinnah, MA
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Nantucket Water Quality Analysis

Lab ID		Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
								6/20/2011		
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
HUM #1	6/20/2011	2.2	0.05	0.0024	<0.05	0.110	<0.05	7.3	2.4	0.36
HUM #1 DEEP	6/20/2011	2.1	0.07	0.0009	<0.05	0.100	0.05	7.8	1.8	0.34
HUM #3	6/20/2011	2.1	0.05	<0.0015	<0.05	0.05	<0.05	7.5	3.6	0.47
HUM #3 DEEP	6/20/2011	2.1	0.06	0.0038	<0.05	0.050	<0.05	6.8	2.1	0.38
HUM #5	6/20/2011	1.5	0.14	<0.0015	<0.05	0.140	<0.05	10.2	4.3	0.32
HUM #5 DEEP	6/20/2011	1.5	0.05	<0.0015	<0.05	0.100	<0.05	9.4	3.9	0.38
HUM #7	6/20/2011	0.7	0.12	0.0001	<0.05	0.05	<0.05	20.2	10.1	0.54
HUM #7 DEEP	6/20/2011	0.7	0.41	0.001	<0.05	0.090	<0.05	22.4	8.6	0.23
HUM #8	6/20/2011	1.2	0.05	<0.0015	<0.05	0.060	<0.05	11.4	6.4	0.28
HUM #8 DEEP	6/20/2011	1.3	0.08	<0.0015	<0.05	0.040	<0.05	11.2	6.2	0.35

WAMPANOAG ENVIRONMENTAL LABORATORY
1 Herring Creek Road, Aquinnah, MA
508-645-2903

Nantucket Water Quality Analysis

Salt Water:

6/24/2011

Lab ID		Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NAN1	**6/24/2011**	34.1	0.05	0.0046	<0.05	0.620	<0.05	5.3	2.1	0.49
NAN1-D	**6/24/2011**	34.3	0.09	0.0028	<0.05	0.710	<0.05	4.4	2.1	0.42
NAN2	**6/24/2011**	34.6	0.05	0.0019	<0.05	0.400	<0.05	7.6	3.6	0.17
NAN2-D	**6/24/2011**	34.7	0.08	0.0009	<0.05	0.28	<0.05	3.2	2.4	0.43
NAN3	**6/24/2011**	34.9	0.06	0.0029	<0.05	0.140	<0.05	41.1	21.6	0.02
NAN3-D	**6/24/2011**	34.8	0.04	0.0031	<0.05	0.860	<0.05	7	4.1	0.4
NAN4	**6/24/2011**	34.8	0.06	0.0008	<0.05	0.490	<0.05	4.7	2.6	0.37
NAN4-D	**6/24/2011**	34.8	0.09	0.0014	<0.05	0.36	<0.05	4	2	0.45
NAN5	**6/24/2011**	33.5	0.14	0.0035	<0.05	0.240	<0.05	6.3	3.1	0.28
NAN5-D	**6/24/2011**	33.7	0.08	0.0021	<0.05	0.200	<0.05	7	2.6	0.42
NAN6	**6/24/2011**	34	0.09	0.003	<0.05	0.890	<0.05	6.7	2.4	0.36
NAN6-D	**6/24/2011**	34	0.11	0.0027	<0.05	0.22	<0.05	5.7	2.8	0.32
NAN7	**6/24/2011**	34.4	0.11	0.002	<0.05	0.090	<0.05	5.1	2	0.67
NAN7-D	**6/24/2011**	34.4	0.07	0.002	<0.05	0.080	<0.05	4.8	2	0.34
NAN8	**6/24/2011**	34.6	0.09	0.0023	<0.05	0.140	<0.05	6.6	3.1	0.54
NAN8-D	**6/24/2011**	34.5	0.11	0.0022	<0.05	0.16	<0.05	4.5	3	0.29

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA
508-645-2903

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 6/9/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NAN1	**7/5/2011**	34.3	0.61	0.0048	0.03	0.050	<0.05	5.8	1.3	0.38
NAN1-D	**7/5/2011**	34.3	0.42	0.0031	0.02	0.050	<0.05	5.8	1.3	0.17
NAN2	**7/5/2011**	34.5	0.11	0.0045	0.01	0.940	<0.05	7.6	1.4	0.3
NAN2-D	**7/5/2011**	34.4	0.19	0.0024	0.03	0.12	<0.05	8.6	2.8	0.057
NAN3	**7/5/2011**	34.9	0.24	0.0021	0.03	0.140	<0.05	8.4	3.6	0.62
NAN3-D	**7/5/2011**	34.9	0.16	0.0027	0.03	0.110	<0.05	6.6	1.2	0.68
NAN4	**7/5/2011**	34.8	0.21	0.0018	0.03	0.130	<0.05	3.6	1.9	0.82
NAN4-D	**7/5/2011**	34.8	0.22	0.0024	0.02	0.81	<0.05	3.7	1.7	0.6
NAN5	**7/5/2011**	33.9	0.14	0.0022	0.03	0.160	<0.05	6.5	2.1	0.4
NAN5-D	**7/5/2011**	34.5	0.18	0.0031	0.03	0.240	<0.05	7.1	3.3	0.4
NAN6	**7/5/2011**	34.3	0.09	0.0053	0.04	0.190	<0.05	6.9	2.6	0.41
NAN6-D	**7/5/2011**	34.4	0.14	0.0019	0.02	0.23	<0.05	7.3	4.8	0.37
NAN7	**7/5/2011**	34.4	0.26	0.0031	0.04	0.110	<0.05	6.3	1.6	0.45
NAN7-D	**7/5/2011**	34.5	0.39	0.0023	0.03	0.630	<0.05	6.4	1.1	0.55
NAN8	**7/5/2011**	34.5	0.24	0.0035	0.03	0.210	<0.05	6.4	2.3	0.47
NAN8-D	**7/5/2011**	34.8	0.33	0.0046	0.03	0.18	<0.05	4.4	1.1	0.53

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 6/9/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MP # 1	**7/6/2011**	0.2	0.14	0.0019	<	0.460	0.25	8.9	1.6	0.46
MP # 1- D	**7/6/2011**	0.2	0.19	0.02	<	0.240	0.27	11.9	2.8	0.46
MP # 2	**7/6/2011**	0.2	0.05	0.056	<	0.290	0.43	25.1	2.4	0.49
MP # 2 - D	**7/6/2011**	0.2	0.12	0.041	<	0.31	0.33	27.2	1.9	0.37
MP # 3	**7/6/2011**	0.1	0.14	0.022	<	0.430	<	7.4	1.5	0.33
MP # 3 - D	**7/6/2011**	0.1	0.21	0.011	<	0.260	<	7.6	2.1	0.39
SESA #1	**7/6/2011**	13.8	0.28	0.008	<	0.14	<	12.5	2.5	0.67
SESA #1 - D	**7/6/2011**	13.8	0.14	0.016	<	0.090	<	10.9	2.4	0.76
SESA #2	**7/6/2011**	13.8	0.14	0.021	<	0.330	<	12.1	2.1	0.59
SESA #2 - D	**7/6/2011**	13.8	0.19	0.014	<	0.240	<	12	1.8	0.57
SESA #3	**7/6/2011**	13.7	0.23	0.036	<	0.41	<	12.5	1.7	0.59
SESA #3 - D	**7/6/2011**	13.8	0.14	0.042	<	0.640	<	12.2	1.2	0.49
SESA #4	**7/6/2011**	13.8	0.39	0.033	<	0.180	<	12.5	1.1	1.14
SESA #4 - D	**7/6/2011**	13.8	0.31	0.015	<	0.080	<	12.4	2.1	0.51

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 6/9/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
HUM #1	**7/12/2011**	1.8	0.31	<	0.01	0.140	0.03	7.2	2.1	0.14
HUM #1 - D	**7/12/2011**	1.8	0.26	0.0014	0.01	0.210	0.01	7.3	1.6	0.31
HUM #3	**7/12/2011**	1.8	0.18	0.0009	0.01	0.090	0.01	6.8	3.9	0.01
HUM #3 - D	**7/12/2011**	1.8	0.33	<	0.01	0.16	0.01	7.1	2.4	0.26
HUM #5	**7/12/2011**	1.1	0.16	<	0.01	0.230	0.03	11.7	6.6	0.21
HUM #5 - D	**7/12/2011**	1.1	0.29	<	0.02	0.050	0.05	13.3	6.2	0.11
HUM #7	**7/12/2011**	0.6	0.34	<	0.01	0.140	<	17	7.1	0.26
HUM #7 - D	**7/12/2011**	0.6	0.23	0.0016	0.02	0.12	0	16.1	6.8	0.48
HUM #8	**7/12/2011**	0.8	0.31	<	0.02	0.050	0.08	19.1	8.2	0.15
HUM #8 - D	**7/12/2011**	0.9	0.18	<	0.02	0.050	0.1	19.6	8.1	0.22
LONG #5 MID	**7/12/2011**	16.2	0.09	0.0013	0.02	0.09	0.01	11.1	4.1	0.15
LONG #6 MID	**7/12/2011**	17.4	0.09	<	0.02	0.120	0.02	8.6	3.2	0.55

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 6/9/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MH - 1	**7/13/2011**	32.2	0.49	0.0017	0.01	0.110	<	3.5	1.8	0.45
MH - 1 D	**7/13/2011**	33.6	0.62	0.0016	0.03	0.240	<	3.7	1	0.21
MH - 2	**7/13/2011**	34.1	0.11	0.0026	0.02	0.160	<	3.2	<	0.29
MH - 2 D	**7/13/2011**	34.1	0.31	0.0032	0.02	0.19	<	3.6	1.4	0.23
MH - 3	**7/13/2011**	34.4	0.05	0.002	0.02	0.210	<	2.7	1.2	0.21
MH - 3 D	**7/13/2011**	34.5	0.14	0.0029	0.03	0.280	<	2.5	1	0.46
MH - 4	**7/13/2011**	34.5	0.09	0.0022	0.03	0.150	<	2.3	1	0.36
MH - 4 D	**7/13/2011**	34.5	0.12	0.0043	0.02	0.09	<	2.3	<	0.41

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 6/9/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NAN1	**7/20/2011**	34.4	0.09	0.0027	0.03	0.140	<0.015	5.4	1.6	0.4
NAN1-D	**7/20/2011**	34.6	0.08	0.0022	0.02	0.230	<0.015	5.4	1.4	0.42
NAN2	**7/20/2011**	35	0.05	0.0013	0.04	0.190	<0.015	8.2	2.1	0.49
NAN2-D	**7/20/2011**	35	0.05	0.0022	0.02	0.24	<0.015	8	2.1	0.35
NAN3	**7/20/2011**	35.1	0.06	0.0036	0.02	0.160	<0.015	8.4	2.3	0.59
NAN3-D	**7/20/2011**	34.9	0.09	0.0033	0.05	0.130	<0.015	7.1	2.2	0.55
NAN4	**7/20/2011**	34.5	0.05	0.0021	0.02	0.220	<0.015	2.9	<	0.26
NAN4-D	**7/20/2011**	34.6	0.05	0.00334	0.04	0.66	<0.015	2.8	<	0.48
NAN5	**7/20/2011**	34.1	0.07	0.0006	0.05	0.420	<0.015	7.2	2.4	0.45
NAN5-D	**7/20/2011**	34.4	0.05	0.001	0.02	0.120	<0.015	7.2	2.3	0.64
NAN6	**7/20/2011**	34.5	0.06	0.0013	0.03	0.210	<0.015	6.4	1.6	0.51
NAN6-D	**7/20/2011**	34.5	0.08	0.002	0.03	0.31	<0.015	7.2	1.3	0.31
NAN7	**7/20/2011**	34.4	0.07	0.0028	0.05	0.240	<0.015	7	2	0.53
NAN7-D	**7/20/2011**	34.7	0.05	0.0031	0.03	0.390	<0.015	6.8	2.1	0.2
NAN8	**7/20/2011**	34.8	0.05	0.0039	0.02	0.270	<0.015	4.2	1	0.6
NAN8-D	**7/20/2011**	26.5	0.05	0.0024	0.04	0.11	<0.015	4.9	1	0.49
NAN 9	**7/20/2011**	34.4	0.05	0.0018	0.03	0.08	<0.015	6.1	2.3	0.42
NAN 9-D	**7/20/2011**	34.4	0.05	0.0026	0.03	0.09	<0.015	6.2	2.3	0.5

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 8/31/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MP #1 SURFACE	8/31/2011	1.9	0.14	0.0024	<	0.240	0.01	20.6	9.2	0.46
MP #1 BOTTOM	8/31/2011	2.5	0.29	0.0062	<	0.160	0.01	25.4	9.8	0.39
MP #2 SURFACE	8/31/2011	1.4	0.08	<	<	0.13	0.02	20.1	8.6	0.13
MP #2 BOTTOM	8/31/2011	5.1	0.08	0.0048	<	0.250	0.05	16.2	7.3	2.17
MP #3 SURFACE	8/31/2011	1.6	0.21	0.0027	<	0.180	0	15.5	4.2	1.06
MP #3 BOTTOM	8/31/2011	2.2	0.18	0.0015	<	0.140	0.05	22.5	6.9	0.4
SESA #1 SURFACE	8/31/2011	13.6	0.16	0.0056	<	0.220	0	17.5	5.3	1.09
SESA #1 BOTTOM	8/31/2011	13.6	0.15	<	<	0.36	<	18.5	5.9	1.53
SESA #2 SURFACE	8/31/2011	13.6	0.22	0.002	<	0.140	0.01	18.4	8.6	2.68
SESA #2 BOTTOM	8/31/2011	13.6	0.13	0.0046	<	0.200	0.01	17.9	7.3	2.85
SESA #3 SURFACE	8/31/2011	13.5	0.09	<	<	0.11	<	18.4	7.4	3.22
SESA #3 BOTTOM	8/31/2011	13.5	0.1	0.0023	<	0.09	<	16.7	6.2	2.89
SESA #4 SURFACE	8/31/2011	13.5	0.05	0.0044	<	0.14	0	17.4	7.1	3.04
SESA #4 BOTTOM	8/31/2011	13.4	0.14	0.0026	<	0.09	0	19.5	7.5	3.06

WAMPANOAG ENVIRONMENTAL LABORATORY
1 HERRING CREEK ROAD, AQUINNAH, MA

NANTUCKET WATER QUALITY ANALYSIS

Salt Water: 9/7/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Stream #1	9/7/2011	0.1	0.26	0.0056	<	0.140	<	26	12.2	6.85
Stream #2	9/7/2011	0.1	0.31	0.0069	<	0.260	0.01	15.5	8	2.36
Stream #3	9/7/2011	0.1	0.29	<	<	0.29	0.01	7.2	2.4	4.02
Stream #4	9/7/2011	0.1	0.14	0.027	<	0.120	<	11.2	8.1	2.82
Stream #5	9/7/2011	0.1	0.33	0.0049	<	0.090	0.05	28.4	13.3	2.65
Stream #6a	9/7/2011	0.1	0.29	<	<	0.410	0.02	15.5	6.4	1.61
Stream #6b	9/7/2011	0	0.09	<	<	0.080	0.02	3.3	0.9	2.37
Stream #6c	9/7/2011	0.1	0.18	<	<	0.11	0.11	6.7	2.8	1.86
Stream #8	9/7/2011	3.2	0.27	<	<	0.080	0.02	5.7	1.7	2.75

Salt Water: 9/13/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MH #1 SURFACE	9/13/2011	25.4	0.23	0.0054	0.02	0.140	<	11.9	6.2	1.67
MH #1 BOTTOM	9/13/2011	30.6	0.17	0.0037	0.01	0.210	<	13.2	8.1	1.58
MH #2 SURFACE	9/13/2011	34.9	0.41	0.0032	0.1	0.180	<	6.1	4.1	2.22
MH #2 BOTTOM	9/13/2011	34.9	0.32	0.003	0.01	0.160	<	6.5	3.2	1.75
MH #3 SURFACE	9/13/2011	35.1	0.11	0.0042	0.01	0.090	<	7.7	2.3	1.64
MH #3 BOTTOM	9/13/2011	35.2	0.08	0.0042	0.07	0.060	<	7.3	2.3	1.73
MH #4 SURFACE	9/13/2011	35.1	0.16	0.0037	0.01	0.13	<	12.5	6.4	1.7
MH #4 BOTTOM	9/13/2011	35	0.09	0.0038	0.02	0.130	<	5	2.5	1.75

Salt Water: 9/14/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a*,	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NAN1	9/14/2011	34.4	0.14	<	<	0.110	<	4.2	1.6	1.62
NAN1-D	9/14/2011	34.6	0.16	<	<	0.210	<	6.1	1.1	1.63
NAN2	9/14/2011	34.7	0.29	<	0.06	0.160	<	7.3	1.4	1.38
NAN2-D	9/14/2011	34.7	0.31	<	<	0.14	<	4.1	2.3	2.23
NAN3	9/14/2011	35	0.26	<	<	0.130	<	5.2	1.6	1.53
NAN3-D	9/14/2011	35.1	0.11	<	<	0.090	<	5	1.3	1.91
NAN4	9/14/2011	35.3	0.09	<	<	0.220	<	6.6	2.1	1.45
NAN4-D	9/14/2011	34.3	0.05	<	<	0.17	<	5.3	3.2	1.52
NAN5	9/14/2011	34.9	0.17	<	0.06	0.050	<	8.7	3.6	1.32
NAN5-D	9/14/2011	35	0.24	<	<	0.050	<	8	3.1	1.82
NAN6	9/14/2011	34.9	0.11	<	<	0.160	<	9	4.2	1.62
NAN6-D	9/14/2011	34.9	0.29	<	<	0.09	<	5.9	3	1.9
NAN7	9/14/2011	35.1	0.16	<	<	0.130	<	6.6	2.8	1.58
NAN7-D	9/14/2011	35	0.14	<	0.06	0.100	<	6	2.7	2.16
NAN8	9/14/2011	35.2	0.05	<	0.09	0.200	<	5.8	1.8	2.39
NAN8-D	9/14/2011	35.2	0.05	<	<	0.15	<	5.8	1.7	2
NAN 9	9/14/2011	34.8	0.21	<	<	0.05	<	4.8	2.2	2.12
NAN 9-D	9/14/2011	34.9	0.22	<	<	0.05	<	5.3	2.3	1.45

Salt Water: 8/31/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MP #1 SURFACE	9/27/2011	2.7	0.14	0.0046	<	0.110	<	7.1	4.1	1.3
MP #1 BOTTOM	9/27/2011	2.7	0.26	0.0046	<	0.050	<	7.5	3.6	1.85
MP #2 SURFACE	9/27/2011	3.2	0.11	0.0029	<	0.09	<	4.8	2.1	1.44
MP #2 BOTTOM	9/27/2011	3.2	0.09	0.0029	<	0.070	<	6.1	4.3	1.46
MP #3 SURFACE	9/27/2011	1.6	0.06	0.003	<	0.100	<	10.5	4.9	2.57
MP #3 BOTTOM	9/27/2011	1.7	0.24	0.005	<	0.080	<	10.1	4.6	1.51
SESA #1 SURFACE	9/27/2011	13.7	0.16	0.0042	<	0.240	<	8.9	3.2	1.99
SESA #1 BOTTOM	9/27/2011	13.7	0.13	0.004	<	0.16	<	8.3	3	3.1
SESA #2 SURFACE	9/27/2011	13.9	0.29	0.22	<	0.090	<	12.2	1.6	2.27
SESA #2 BOTTOM	9/27/2011	13.9	0.1	0.16	<	0.060	<	10.6	2	1.96
SESA #3 SURFACE	9/27/2011	13.9	0.22	0.0031	<	0.11	<	11.7	2.2	1.81
SESA #3 BOTTOM	9/27/2011	13.9	0.09	0.004	<	0.06	<	12.2	1.4	2.02
SESA #4 SURFACE	9/27/2011	13.9	0.17	0.002	<	0.05	<	10.2	1.9	3.52
SESA #4 BOTTOM	9/27/2011	13.9	0.15	0.006	<	0.05	<	11	2	1.83

Salt Water: 9/28/2011

Lab ID	Sample Date	Salinity	Particulate organic nitrogen	Nitrite	Nitrate	KJEHLDAHL NITROGEN	Ammonium	CHLOROPHYLL a	Pheophytin *a,*	Orthophosphate
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
HUM#1 SURFACE	9/28/2011	4.6	0.22	0.0014	<	0.080	<	7.6	3.1	1.57
HUM #1 BOTTOM	9/28/2011	4.7	0.16	0.0012	<	0.190	<	6.6	2.9	1.84
HUM #3 SURFACE	9/28/2011	4.1	0.13	0.0016	<	0.090	<	14.8	4.6	1.58
HUM #3 BOTTOM	9/28/2011	4.3	0.09	0.0018	<	0.220	<	13.4	3.9	1.51
HUM #5 SURFACE	9/28/2011	3.4	0.27	0.0018	<	0.130	<	21.5	8.6	1.93
HUM #5 BOTTOM	9/28/2011	3.5	0.14	0.0016	<	0.050	<	20.7	7.3	1.52
HUM #7 SURFACE	9/28/2011	2	0.29	0.0049	<	0.08	<	64.3	18.1	2.85
HUM #7 BOTTOM	9/28/2011	2.1	0.29	0.0008	<	0.120	<	51.5	13.6	3.77
HUM #8 SURFACE	9/28/2011	3.3	0.24	0.0065	<	0.110	<	25.5	8.1	1.83
HUM #8 BOTTOM	9/28/2011	3.4	0.16	0.0044	<	0.090	<	21.2	6.7	1.68
LONG #5 SURFACE	9/28/2011	0.12	0.12	0.0091	<	0.140	<	18.2	9.3	1.34
LONG #5 BOTTOM	9/28/2011	0.09	0.09	0.0066	<	0.220	<	18	8.8	1.87
LONG #6 SURFACE	9/28/2011	0.24	0.24	0.0092	<	0.160	<	14.6	7.1	1.5
LONG #6 BOTTOM	9/28/2011	0.09	0.09	0.0013	<	0.090	<	15.2	3.2	1.44