

NELHA Water Quality Laboratory

Transect 1

July 2024 - June 2025

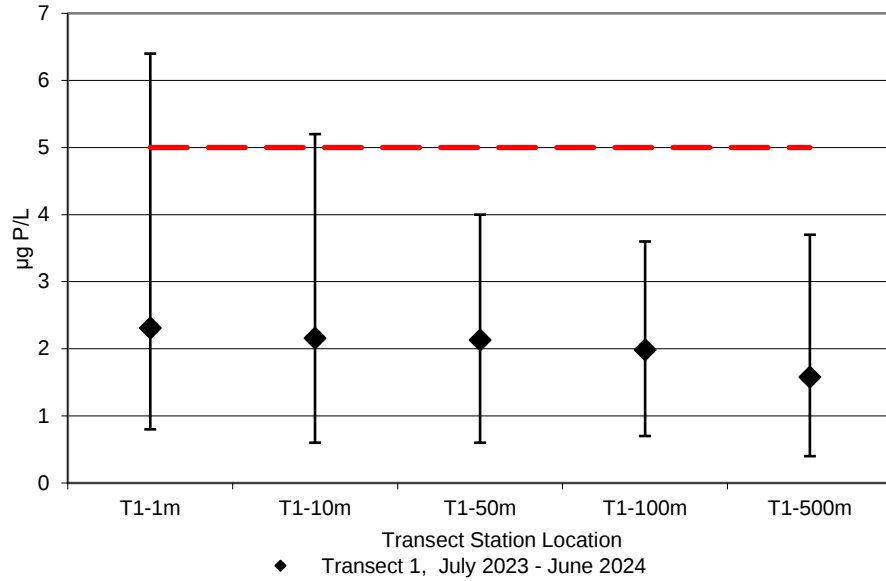
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T1-1m	8/7/24	1052	0.2	Low	0.21	6.4	1.97	27.6	0.21	2.9	12.1	339	0.33	10.1	6.12	86	0.12	34.63	26.6	8.11	6.98	0.17	196.0
T1-1m	12/18/24	931	1.0	Ebb	0.13	4.0	0.31	4.4	0.13	1.8	2.5	70	0.27	8.5	4.95	69	0.12	35.03	25.8	8.09	6.77	0.30	263.6
T1-1m	3/5/25	1023	0.4	Ebb	0.03	0.8	0.56	7.8	0.08	1.1	2.2	63	0.15	4.8	6.05	85	0.09	34.97	25.3	8.10	7.00	0.25	219.9
T1-1m	6/20/25	1027	1.5	Flood	0.05	1.4	1.16	16.2	0.19	2.7	6.6	184	0.17	5.4	6.23	87	0.12	34.75	26.5	8.04	6.61	0.31	249.4
Geomear FY '25					0.07	2.3	0.79	11.1	0.1	2.0			0.2	6.9	5.8	81	0.11					0.25	
T1-10m	8/7/24	1100	0.2	Low	0.17	5.2	0.99	13.8	0.04	0.6	5.0	142	0.29	9.1	5.24	73	0.10	34.71	26.7	8.11	6.91	0.17	205.6
T1-10m	12/18/24	937	1.0	Ebb	0.13	4.1	0.12	1.7	0.14	1.9	1.0	28	0.26	8.2	5.36	75	0.12	35.01	25.8	8.11	6.70	0.25	266.6
T1-10m	3/5/25	1028	0.4	Ebb	0.02	0.6	0.42	5.9	0.04	0.5	1.2	35	0.15	4.7	5.89	83	0.09	35.02	25.4	8.10	6.87	0.24	224.8
T1-10m	6/20/25	1031	1.5	Flood	0.05	1.7	0.42	5.9	0.04	0.6	2.0	55	0.15	4.8	6.25	88	0.10	34.77	26.5	8.04	6.62	0.30	249.7
Geomear FY '25					0.07	2.2	0.38	5.3	0.1	0.8			0.2	6.4	5.7	79	0.10					0.24	
T1-50m	8/7/24	1108	0.2	Low	0.13	4.0	0.63	8.8	0.03	0.4	2.3	65	0.27	8.5	4.88	68	0.12	34.74	26.6	8.12	6.84	0.20	211.5
T1-50m	12/18/24	944	1.0	Ebb	0.12	3.6	0.08	1.1	0.04	0.5	1.4	40	0.27	8.5	5.00	70	0.13	35.00	25.8	8.12	6.69	0.23	267.1
T1-50m	3/5/25	1032	0.4	Ebb	0.02	0.6	0.51	7.1	0.11	1.6	1.8	51	0.17	5.4	6.14	86	0.09	34.95	25.5	8.11	6.89	0.24	227.3
T1-50m	6/20/25	1038	1.5	Flood	0.08	2.4	1.60	22.4	0.09	1.2	9.5	268	0.19	5.9	8.37	117	0.12	34.62	26.6	8.04	6.64	0.32	248.6
Geomear FY '25					0.07	2.1	0.45	6.3	0.1	0.8			0.2	6.9	5.9	83	0.11					0.24	
T1-100m	8/7/24	1116	0.2	Low	0.10	3.1	0.11	1.6	0.16	2.3	1.0	28	0.24	7.4	4.49	63	0.09	34.79	26.5	8.12	6.75	0.18	217.7
T1-100m	12/18/24	950	1.0	Ebb	0.12	3.6	0.07	1.0	0.05	0.7	1.0	29	0.27	8.4	5.24	73	0.07	34.99	25.8	8.13	6.68	0.24	269.0
T1-100m	3/5/25	1036	0.4	Ebb	0.02	0.7	0.61	8.6	0.05	0.7	2.5	71	0.18	5.5	6.70	94	0.09	34.93	25.5	8.11	6.88	0.26	229.5
T1-100m	6/20/25	1043	1.5	Flood	0.06	2.0	0.86	12.1	0.03	0.4	0.2	5	0.17	5.4	6.45	90	0.12	34.73	26.7	8.04	6.56	0.39	248.9
Geomear FY '25					0.06	2.0	0.26	3.6	0.1	0.8			0.2	6.6	5.6	79	0.09					0.26	
T1-500m	8/7/24	1126	0.2	Low	0.11	3.5	0.14	2.0	0.01	0.2	1.8	50	0.27	8.3	4.99	70	0.10	34.76	26.7	8.12	6.74	0.14	221.6
T1-500m	12/18/24	958	1.0	Ebb	0.12	3.7	0.05	0.7	0.01	0.1	0.7	19	0.26	8.0	5.16	72	0.08	34.98	25.8	8.13	6.71	0.21	264.9
T1-500m	3/5/25	1045	0.4	Ebb	0.01	0.4	0.16	2.3	0.18	2.5	0.4	11	0.17	5.2	5.98	84	0.09	35.04	25.4	8.12	6.79	0.24	229.6
T1-500m	6/20/25	1048	1.5	Flood	0.04	1.2	0.28	3.9	0.00	0.0	1.8	51	0.15	4.8	6.53	91	0.13	34.86	26.6	8.05	6.7	0.30	250.1
Geomear FY '25					0.05	1.6	0.13	1.9	#NUM!	#NUM!			0.2	6.4	5.6	79	0.10					0.21	

NELHA Water Quality Laboratory

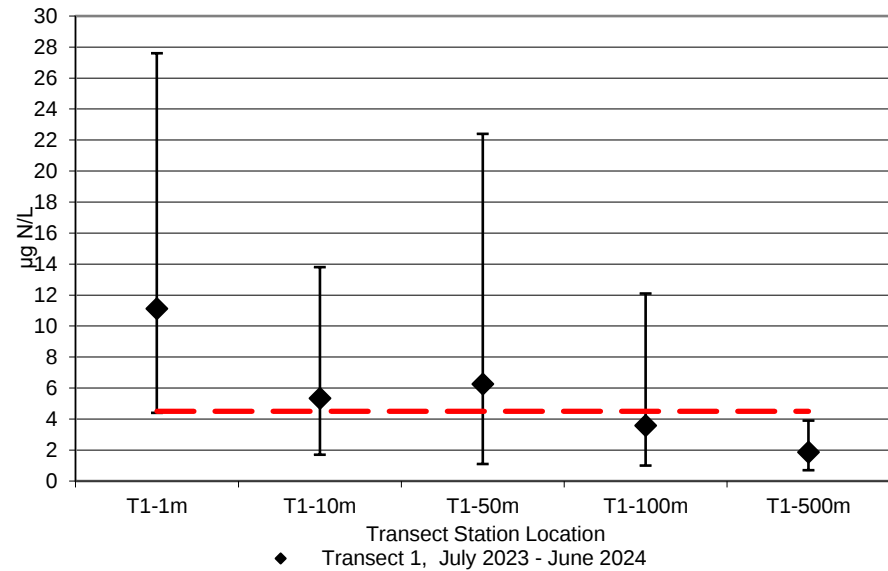
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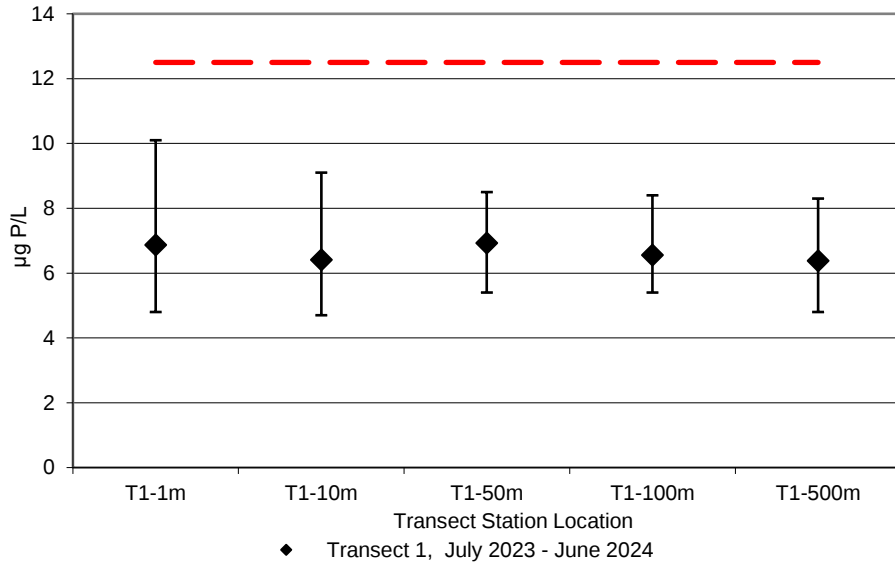
**Ortho-Phosphate
Geometric Mean**



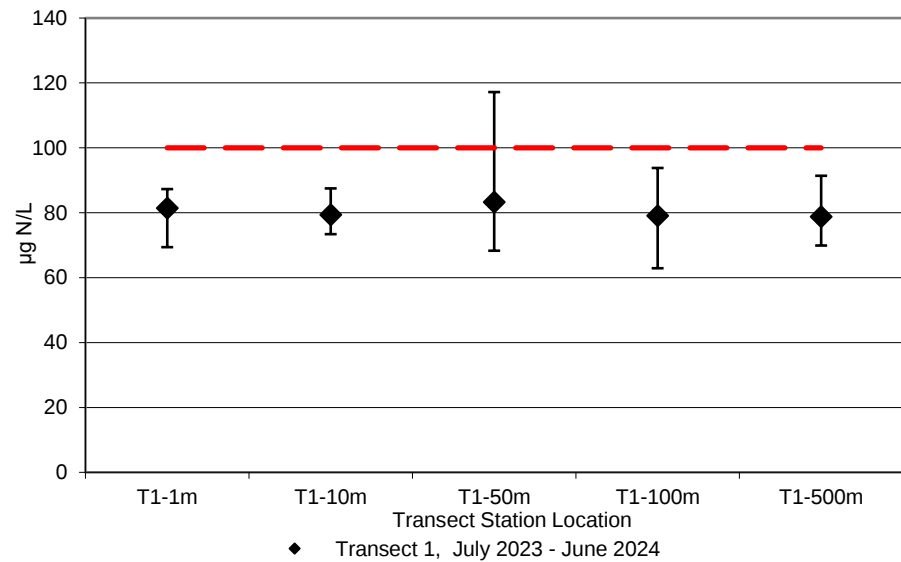
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

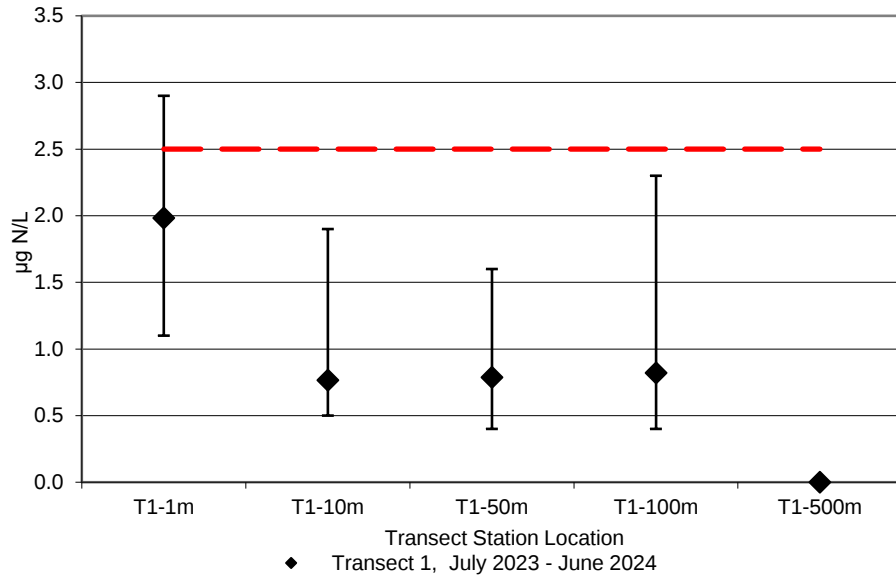


NELHA Water Quality Laboratory

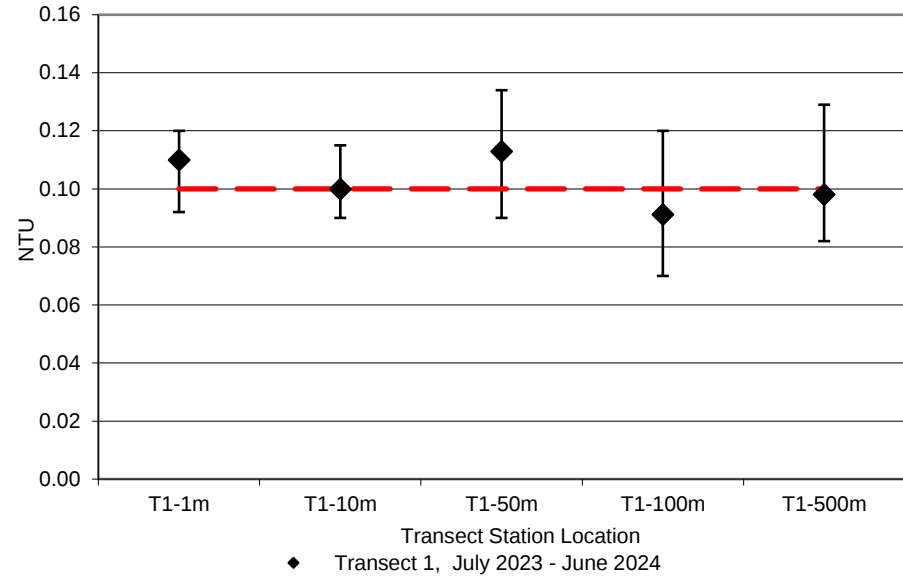
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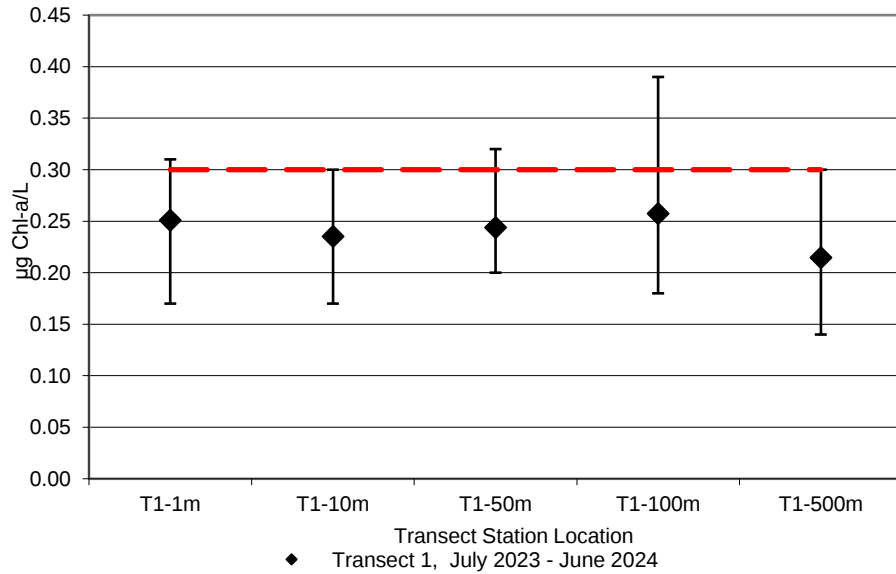
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 1

July 2023 - June 2024

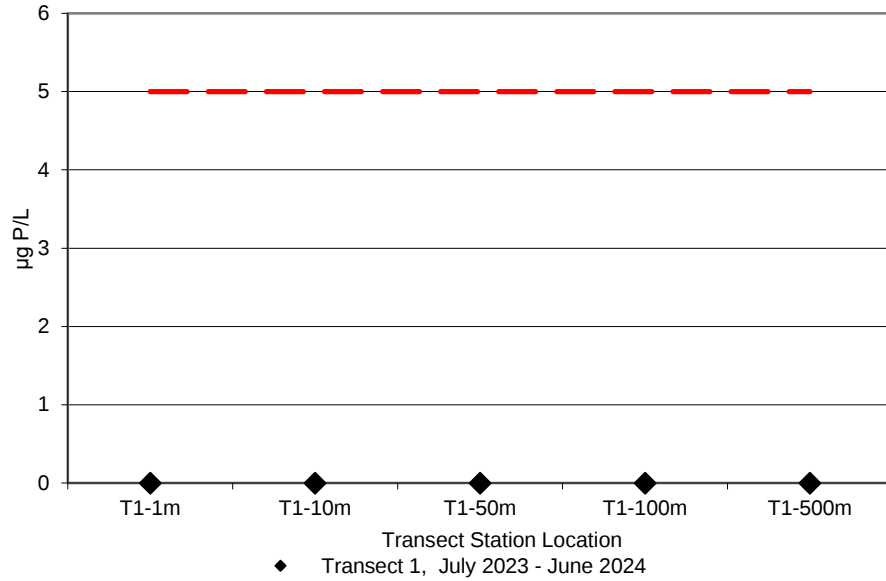
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T1-1m	9/13/23	928	0.1	Low	0.16	5.0	0.96	13.4	0.16	2.3	6.5	181	0.25	7.6	5.63	79	0.08	34.72	26.8	8.06	6.73	0.32	178.7
T1-1m	12/6/23	917	1.4	High	0.10	3.2	0.13	1.8	0.67	9.4	0.6	16	0.29	8.9	4.52	63	0.10	35.04	26.4	8.10	6.76	0.22	183.7
T1-1m	2/21/24	949	0.3	Low	-0.04	-1.2	0.54	7.5	0.21	3.0	3.0	83	0.11	3.5	5.75	81	0.13	34.94	25.0	8.07	6.94	0.20	191.1
T1-1m	6/18/24	928	0.3	Flood	0.18	5.7	0.54	7.6	0.25	3.5	2.6	72	0.31	9.7	5.62	79	0.19	34.88	26.4	8.07	6.83	0.15	187.3
Geomear FY '24					#NUM!	#NUM!	0.43	6.1	0.3	3.9			0.2	6.9	5.4	75	0.12					0.21	
T1-10m	9/13/23	933	0.1	Low	0.16	5.0	0.75	10.5	0.21	3.0	4.7	132	0.24	7.5	6.72	94	0.08	34.77	26.8	8.08	6.76	0.30	179.1
T1-10m	12/6/23	922	1.4	High	0.08	2.4	0.16	2.3	0.54	7.6	0.6	16	0.24	7.4	5.10	72	0.10	35.02	26.4	8.10	6.73	0.20	186.8
T1-10m	2/21/24	954	0.3	Low	-0.05	-1.5	0.69	9.6	0.17	2.4	3.5	100	0.06	2.0	6.18	87	0.13	34.92	25.0	8.08	6.85	0.19	189.4
T1-10m	6/18/24	933	0.3	Flood	0.19	5.9	0.47	6.6	0.27	3.8	2.2	61	0.31	9.6	5.38	75	0.17	34.88	26.4	8.07	6.73	0.13	196.5
Geomear FY '24					#NUM!	#NUM!	0.45	6.3	0.3	3.8			0.2	5.7	5.8	81	0.11					0.20	
T1-50m	9/13/23	940	0.1	Low	0.14	4.2	0.41	5.8	0.14	2.0	2.3	63	0.24	7.5	5.47	77	0.08	34.79	26.8	8.08	6.60	0.33	179.2
T1-50m	12/6/23	927	1.4	High	0.03	1.0	0.16	2.3	0.46	6.5	0.7	19	0.22	6.9	5.34	75	0.09	35.02	26.4	8.11	6.78	0.20	189.0
T1-50m	2/21/24	959	0.3	Low	-0.06	-2.0	0.49	6.9	0.16	2.2	1.1	30	0.10	3.1	5.63	79	0.12	35.03	25.0	8.08	6.81	0.16	188.7
T1-50m	6/18/24	939	0.3	Flood	0.17	5.2	0.50	7.0	0.18	2.5	2.4	68	0.31	9.7	5.07	71	0.20	34.89	26.4	8.08	6.65	0.13	203.5
Geomear FY '24					#NUM!	#NUM!	0.36	5.0	0.2	2.9			0.2	6.3	5.4	75	0.11					0.19	
T1-100m	9/13/23	945	0.1	Low	0.18	5.7	0.31	4.4	0.07	1.0	1.8	52	0.26	7.9	5.35	75	0.12	34.79	26.8	8.08	6.60	0.32	178.8
T1-100m	12/6/23	933	1.4	High	0.06	2.0	0.14	2.0	0.60	8.4	0.4	11	0.31	9.5	5.15	72	0.16	35.02	26.3	8.11	6.61	0.20	188.3
T1-100m	2/21/24	1004	0.3	Low	-0.06	-2.0	0.69	9.7	0.19	2.6	2.8	80	0.12	3.6	6.41	90	0.11	35.05	25.0	8.09	6.74	0.21	188.4
T1-100m	6/18/24	946	0.3	Flood	0.17	5.2	0.28	3.9	0.09	1.2	2.4	66	0.30	9.3	5.30	74	0.14	34.88	26.4	8.08	6.68	0.14	208.1
Geomear FY '24					#NUM!	#NUM!	0.30	4.3	0.2	2.3			0.2	7.1	5.5	77	0.13					0.21	
T1-500m	9/13/23	953	0.1	Low	0.14	4.3	0.22	3.1	-0.04	-0.6	2.0	55	0.25	7.8	5.49	77	0.11	34.77	26.8	8.08	6.62	0.36	175.0
T1-500m	12/6/23	940	1.4	High	0.07	2.1	0.10	1.4	0.36	5.1	0.2	5	0.18	5.6	5.17	72	0.09	35.02	26.2	8.11	6.61	0.21	188.0
T1-500m	2/21/24	1012	0.3	Low	-0.03	-0.8	1.06	14.9	0.22	3.1	5.7	160	0.14	4.4	7.04	99	0.12	34.83	25.0	8.09	6.72	0.20	189.4
T1-500m	6/18/24	958	0.3	Flood	0.15	4.7	0.12	1.7	0.16	2.3	2.3	65	0.31	9.6	5.08	71	0.15	34.88	26.4	8.09	6.71	0.17	213.9
Geomear FY '24					#NUM!	#NUM!	0.23	3.2	#NUM!	#NUM!			0.2	6.6	5.6	79	0.11					0.23	

NELHA Water Quality Laboratory

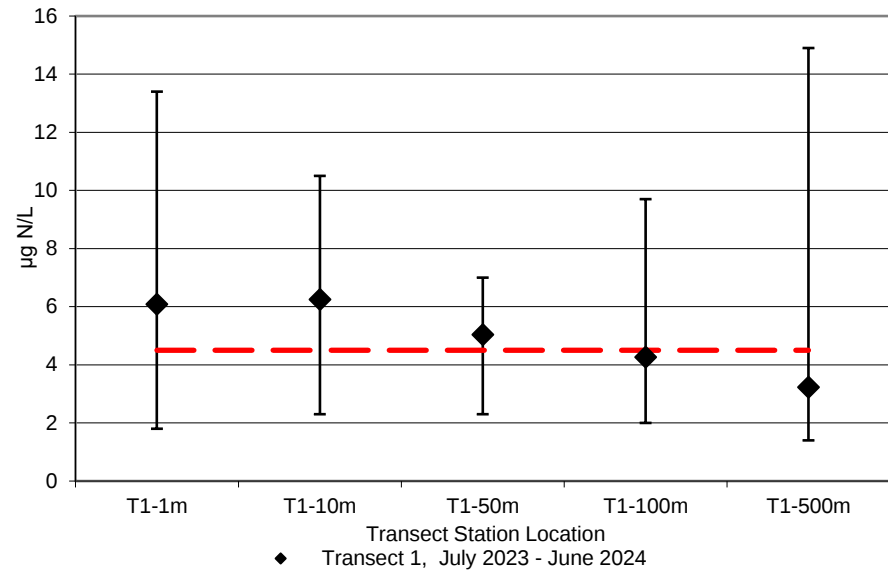
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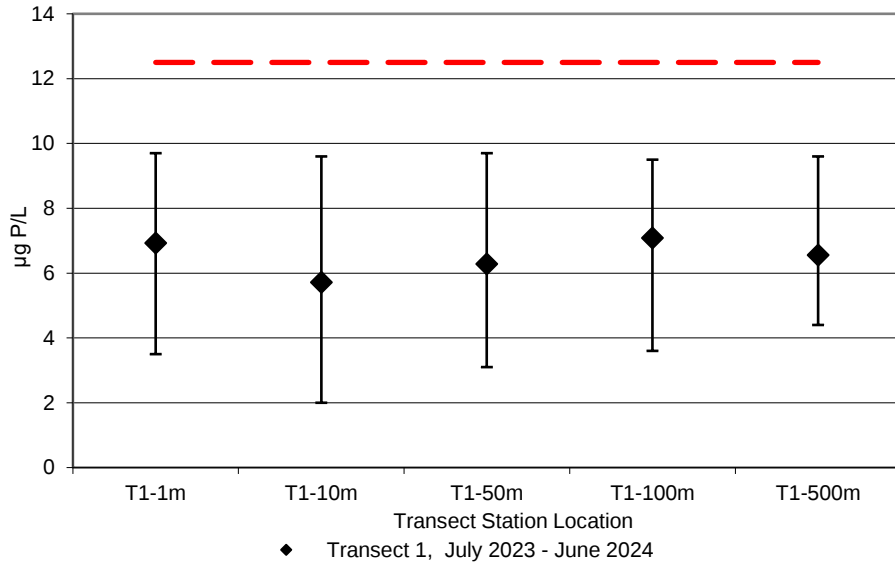
**Ortho-Phosphate
Geometric Mean**



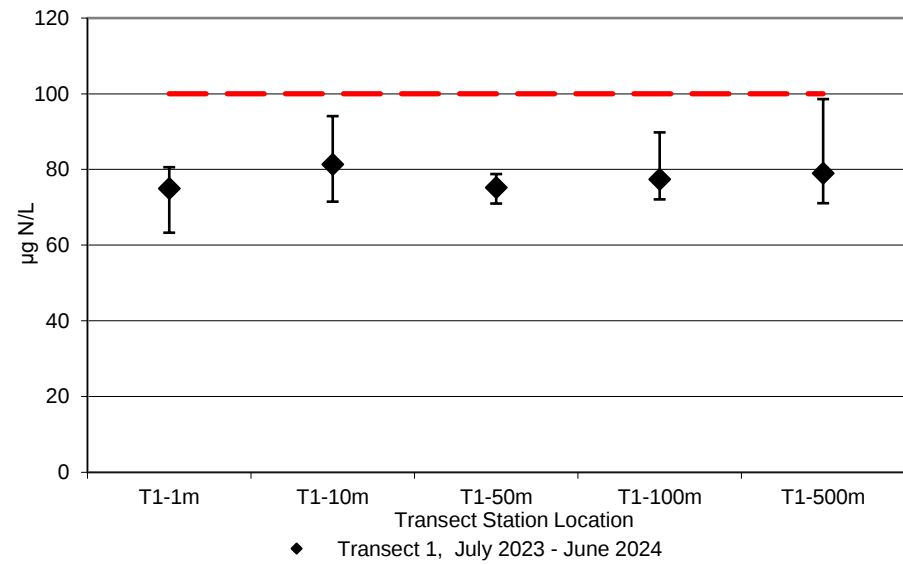
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

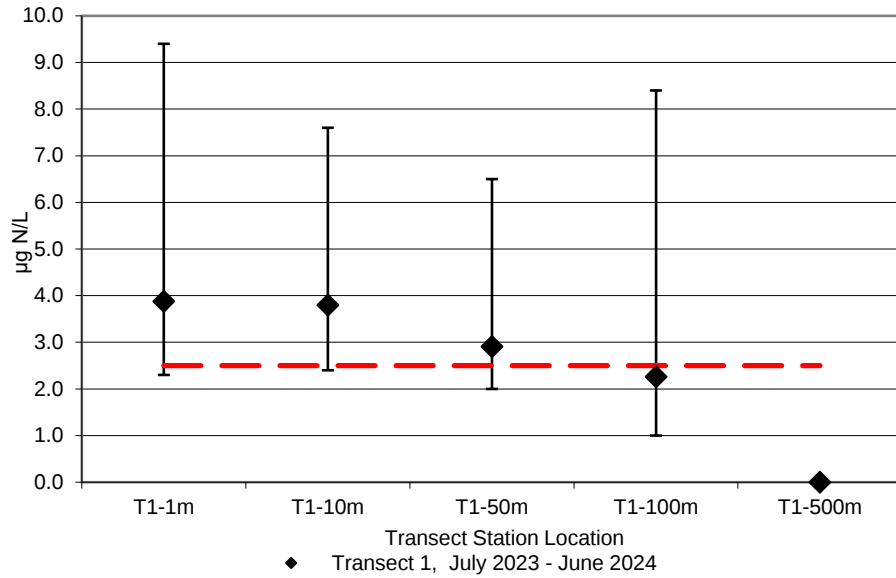


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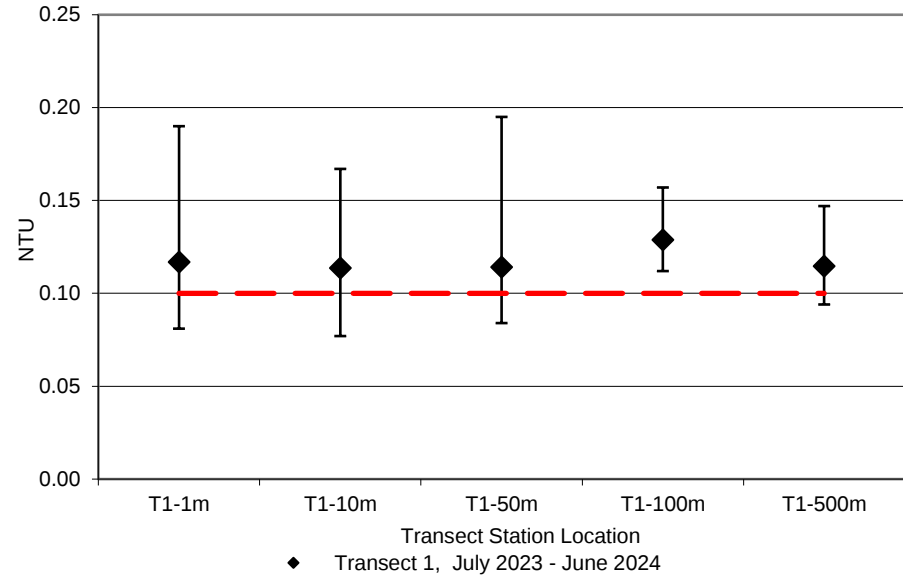
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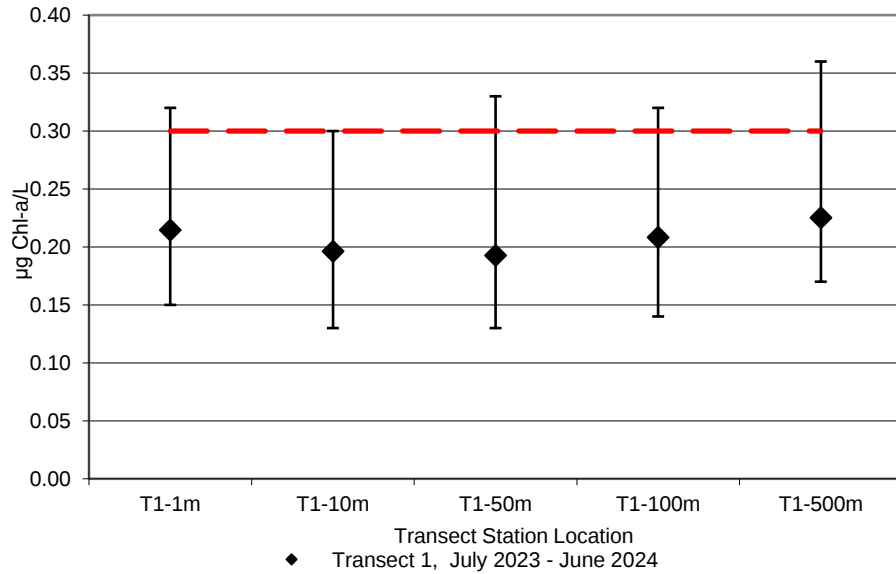
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

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July 2022 - June 2023

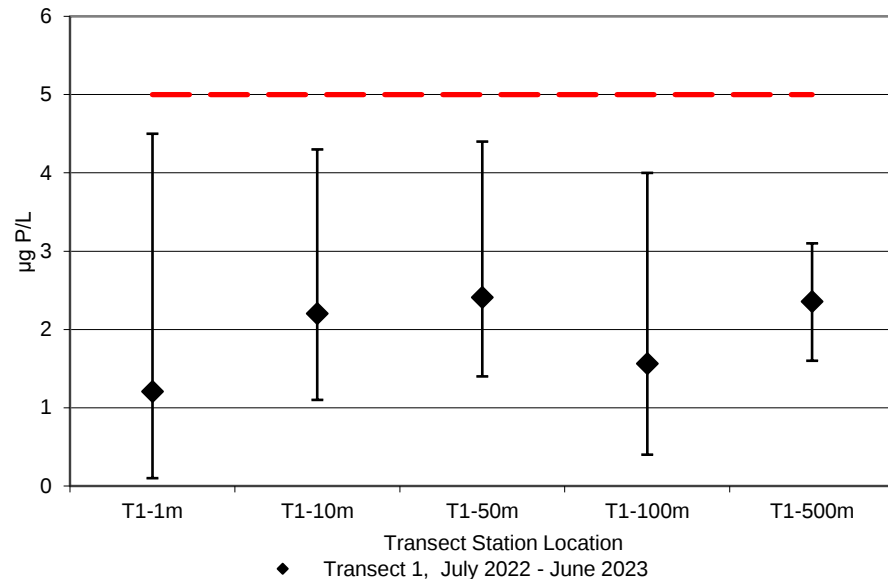
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	9/21/22	846	0.6	Flood	0.00	0.1	0.25	3.5	0.12	1.7	1.4	39	0.42	13.1	4.54	64	0.06	34.90	27.0	8.08	6.78	0.24
T1-1m	12/27/22	918	0.8	Ebb	0.08	2.5	0.22	3.1	0.22	3.1	0.5	14	0.12	3.6	5.31	74	0.10	34.97	25.6	8.05	6.68	0.29
T1-1m	3/15/23	903	0.6	Ebb	0.15	4.5	0.90	12.6	0.24	3.4	5.2	146	0.24	7.4	5.53	78	0.10	34.56	24.3	8.04	6.98	0.28
T1-1m	5/31/23	908	0.3	Flood	0.06	1.9	0.52	7.3	0.06	0.9	3.0	85	0.19	5.9	4.50	63	0.10	34.73	25.6	7.99	6.87	0.17
Geomear FY '23					0.04	1.2	0.40	5.6	0.1	2.0			0.2	6.7	5.0	69	0.09					0.24
T1-10m	9/21/22	851	0.6	Flood	0.06	2.0	0.39	5.5	0.16	2.3	2.2	61	0.74	23.0	5.67	79	0.12	34.88	27.0	8.10	6.69	0.19
T1-10m	12/27/22	923	0.8	Ebb	0.08	2.5	0.20	2.8	0.04	0.5	0.8	22	0.06	1.8	4.88	68	0.10	34.94	25.7	8.09	6.65	0.25
T1-10m	3/15/23	908	0.6	Ebb	0.14	4.3	0.75	10.5	0.19	2.7	3.9	109	0.24	7.3	5.40	76	0.17	34.67	24.3	8.06	6.88	0.29
T1-10m	5/31/23	913	0.3	Flood	0.04	1.1	0.27	3.8	0.09	1.3	1.1	30	0.20	6.1	4.29	60	0.14	34.73	25.7	8.02	6.88	0.16
Geomear FY '23					0.07	2.2	0.36	5.0	0.1	1.4			0.2	6.6	5.0	70	0.13					0.22
T1-50m	9/21/22	857	0.6	Flood	0.05	1.4	0.50	7.0	0.11	1.5	2.8	79	0.32	9.8	5.18	73	0.07	34.83	27.0	8.11	6.67	0.25
T1-50m	12/27/22	930	0.8	Ebb	0.08	2.5	0.21	2.9	0.09	1.3	1.2	33	0.06	1.9	5.04	71	0.05	34.93	25.7	8.11	6.61	0.26
T1-50m	3/15/23	913	0.6	Ebb	0.14	4.4	0.61	8.5	0.17	2.4	2.8	79	0.24	7.3	5.03	70	0.10	34.54	24.3	8.07	6.93	0.30
T1-50m	5/31/23	917	0.3	Flood	0.07	2.2	1.06	14.9	0.02	0.3	7.8	218	0.21	6.5	5.76	81	0.09	34.51	25.7	8.02	6.63	0.17
Geomear FY '23					0.08	2.4	0.51	7.1	0.1	1.1			0.2	5.5	5.2	73	0.08					0.24
T1-100m	9/21/22	904	0.6	Flood	0.01	0.4	0.09	1.3	0.04	0.5	0.2	6	0.33	10.1	4.53	63	0.12	34.94	27.0	8.12	6.65	0.22
T1-100m	12/27/22	942	0.8	Ebb	0.08	2.5	0.18	2.5	0.05	0.7	1.0	29	0.04	1.2	5.21	73	0.12	34.93	25.7	8.13	6.62	0.30
T1-100m	3/15/23	917	0.6	Ebb	0.13	4.0	0.60	8.4	0.33	4.6	2.4	68	0.24	7.4	5.02	70	0.09	34.71	24.4	8.08	6.88	0.31
T1-100m	5/31/23	922	0.3	Flood	0.05	1.5	0.59	8.3	0.01	0.2	5.1	144	0.20	6.2	5.45	76	0.10	34.62	25.6	8.04	6.72	0.16
Geomear FY '23					0.05	1.6	0.28	3.9	0.1	0.8			0.2	4.9	5.0	71	0.10					0.24
T1-500m	9/21/22	908	0.6	Flood	0.08	2.5	0.08	1.1	0.01	0.2	0.0	1	0.25	7.8	4.58	64	0.13	34.94	27.0	8.12	6.67	0.21
T1-500m	12/27/22	936	0.8	Ebb	0.08	2.5	0.05	0.7	0.27	3.8	-0.1	-2	0.15	4.6	5.05	71	0.11	34.99	25.8	8.13	6.71	0.20
T1-500m	3/15/23	924	0.6	Ebb	0.10	3.1	0.21	2.9	0.08	1.1	2.1	59	0.23	7.0	4.71	66	0.08	34.73	24.3	8.09	6.92	0.32
T1-500m	5/31/23	928	0.3	Flood	0.05	1.6	1.06	14.8	0.09	1.3	8.4	235	0.22	6.8	5.70	80	0.12	34.52	25.6	8.06	6.64	0.16
Geomear FY '23					0.08	2.4	0.17	2.4	0.1	1.0			0.2	6.4	5.0	70	0.11					0.22

NELHA Water Quality Laboratory

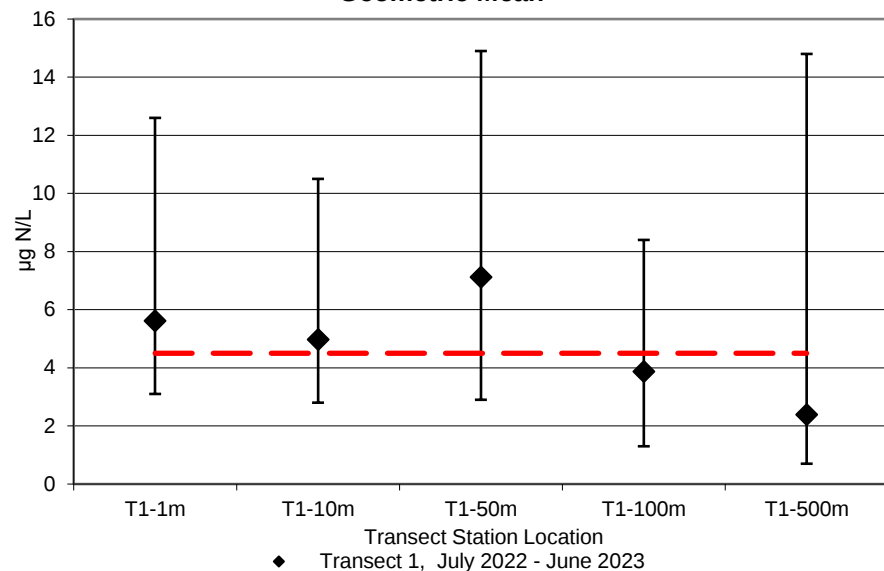
Transect 1

July 2022 - June 2023

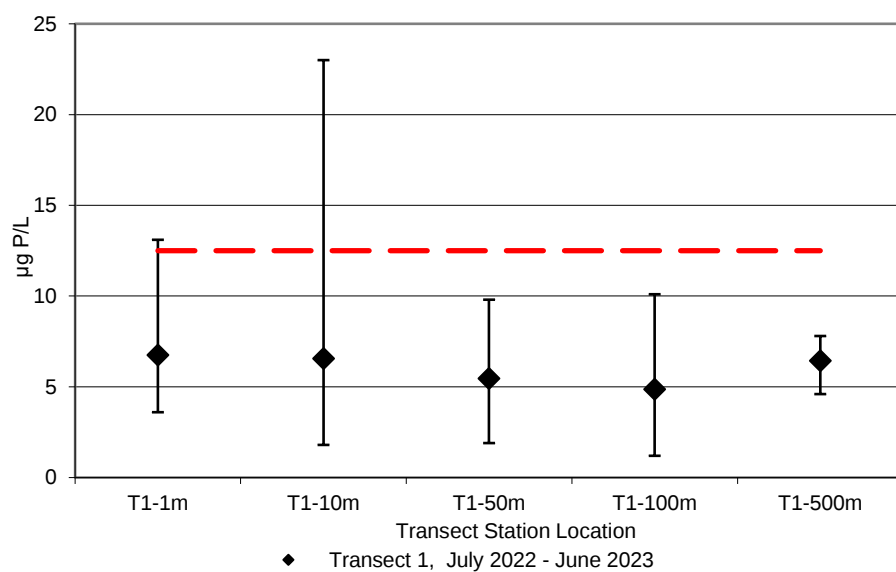
**Ortho-Phosphate
Geometric Mean**



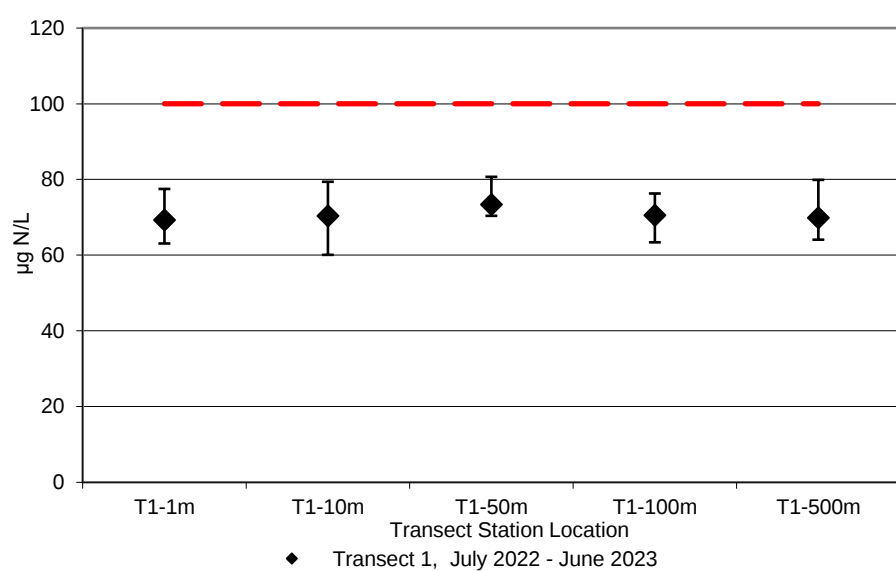
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

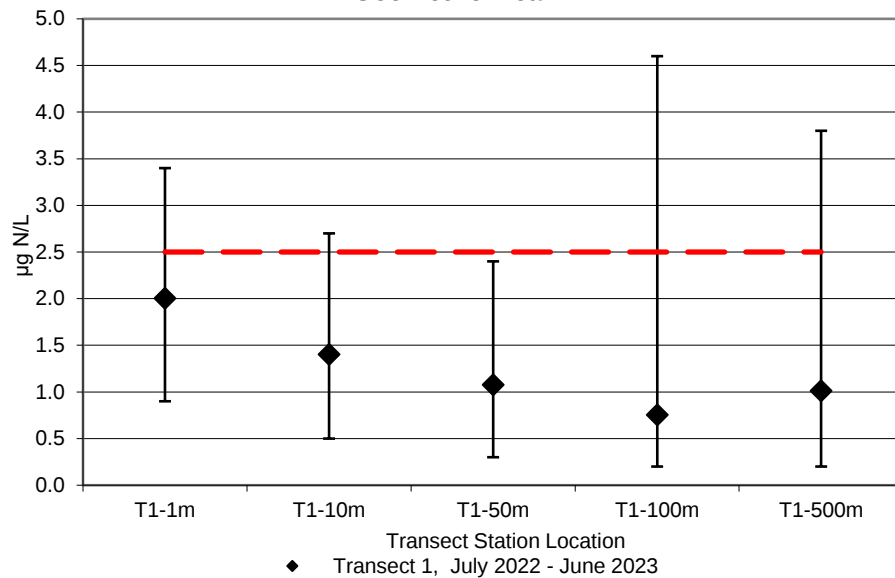


NELHA Water Quality Laboratory

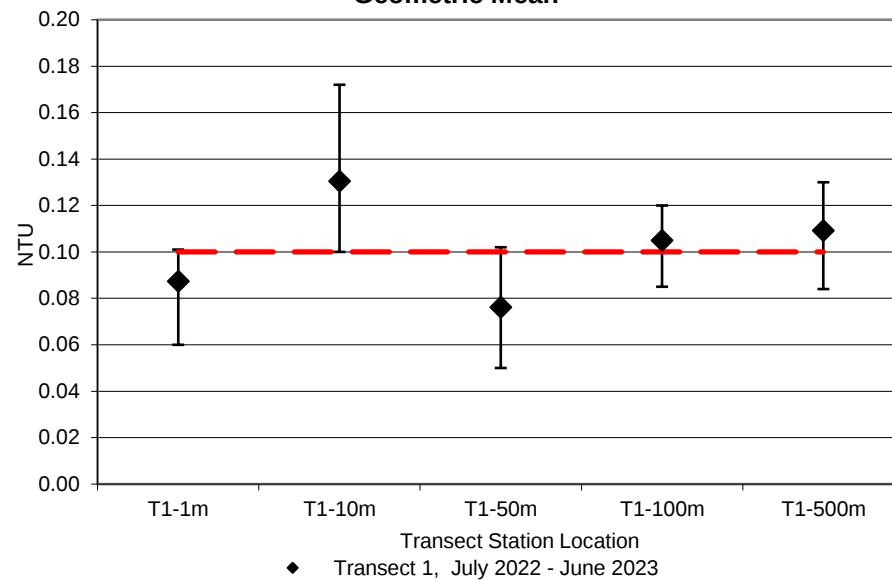
Transect 1

July 2022 - June 2023

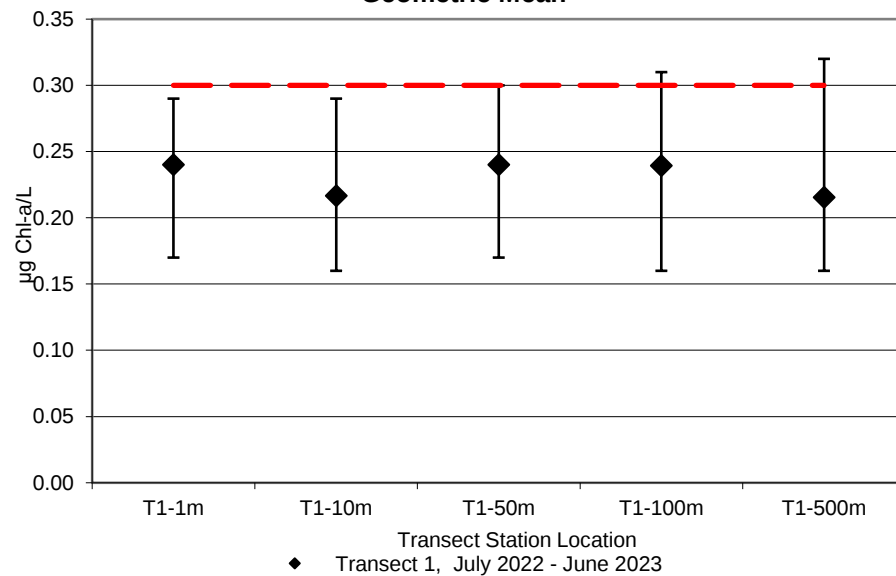
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2021 - June 2022

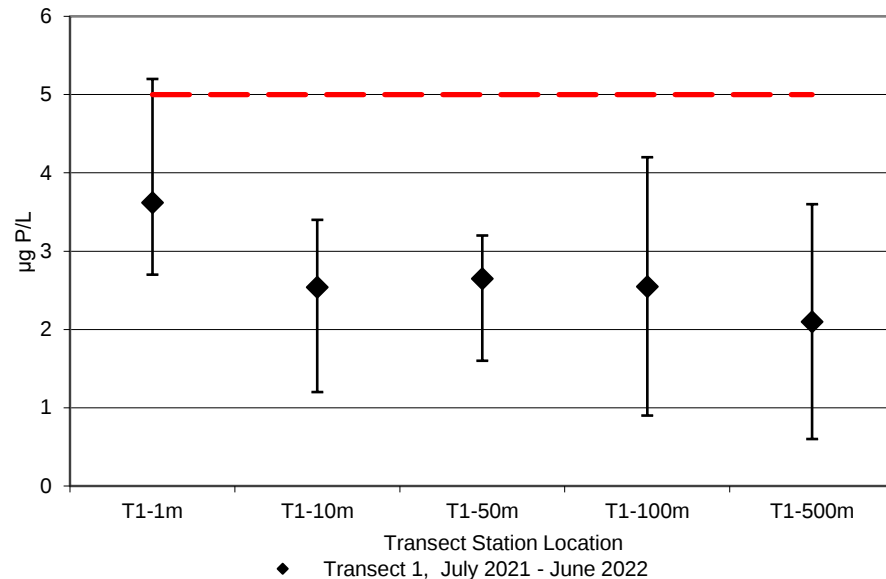
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	9/22/21	931	0.2	Low	0.09	2.7	1.17	16.4	0.21	3.0	8.4	236	0.24	7.5	5.26	74	0.07	35.43	26.1	7.98	6.92	0.19
T1-1m	12/14/21	927	0.8	Flood	0.12	3.6	0.14	1.9	0.16	2.2	0.5	14	0.27	8.4	5.11	72	0.11	35.11	25.9	8.12	6.75	0.14
T1-1m	3/15/22	907	0.2	Low	0.17	5.2	1.04	14.6	0.17	2.4	7.2	201	0.32	10.0	5.30	74	0.11	34.74	25.2	8.09	7.03	0.18
T1-1m	6/8/22	907	0.5	Flood	0.11	3.4	0.21	2.9	0.42	5.9	1.1	32	0.25	7.7	5.29	74	0.06	34.50	26.3	8.05	6.72	0.26
Geomear FY '22					0.12	3.6	0.43	6.0	0.2	3.1			0.3	8.3	5.2	73	0.08					0.19
T1-10m	9/22/21	935	0.2	Low	0.04	1.2	0.30	4.2	0.14	2.0	1.3	38	0.22	6.7	4.54	64	0.07	35.52	26.3	7.98	6.79	0.17
T1-10m	12/14/21	932	0.8	Flood	0.11	3.4	0.03	0.4	0.11	1.6	0.2	5	0.27	8.4	4.48	63	0.05	35.12	25.9	8.13	6.66	0.14
T1-10m	3/15/22	913	0.2	Low	0.11	3.3	0.38	5.3	0.01	0.1	2.6	72	0.29	8.9	4.55	64	0.08	34.83	25.3	8.09	6.78	0.22
T1-10m	6/8/22	914	0.5	Flood	0.10	3.1	0.21	2.9	0.25	3.5	1.2	35	0.25	7.6	4.60	64	0.12	34.48	26.2	8.06	6.60	0.24
Geomear FY '22					0.08	2.5	0.16	2.3	0.1	1.0			0.3	7.9	4.5	64	0.08					0.19
T1-50m	9/22/21	939	0.2	Low	0.05	1.6	0.38	5.3	0.64	8.9	1.6	45	0.23	7.2	5.17	72	0.1	35.54	26.3	7.98	6.76	0.17
T1-50m	12/14/21	936	0.8	Flood	0.10	3.2	0.02	0.3	0.08	1.1	0.2	6	0.26	8.2	4.68	66	0.09	35.12	25.9	8.13	6.65	0.15
T1-50m	3/15/22	916	0.2	Low	0.10	3.1	0.31	4.3	0.01	0.1	3.6	101	0.31	9.5	4.56	64	0.09	34.76	25.3	8.09	6.77	0.20
T1-50m	6/8/22	919	0.5	Flood	0.10	3.1	0.26	3.6	0.25	3.5	2.2	62	0.26	7.9	5.03	71	0.07	34.46	26.2	8.05	6.55	0.24
Geomear FY '22					0.09	2.6	0.16	2.2	0.1	1.4			0.3	8.2	4.9	68	0.09					0.19
T1-100m	9/22/21	942	0.2	Low	0.03	0.9	0.39	5.5	0.33	4.6	1.7	48	0.24	7.3	6.45	90	0.10	35.53	26.4	7.97	6.75	0.19
T1-100m	12/14/21	942	0.8	Flood	0.11	3.5	0.64	9.0	0.14	2.0	2.7	77	0.27	8.5	5.66	79	0.06	35.02	25.9	8.13	6.68	0.15
T1-100m	3/15/22	921	0.2	Low	0.14	4.2	0.60	8.4	0.16	2.2	6.2	173	0.30	9.3	5.26	74	0.09	34.77	25.2	8.08	6.69	0.20
T1-100m	6/8/22	925	0.5	Flood	0.10	3.2	0.38	5.3	0.22	3.1	4.1	114	0.26	8.0	5.52	77	0.12	34.40	26.2	8.06	6.61	0.27
Geomear FY '22					0.08	2.6	0.49	6.9	0.2	2.8			0.3	8.2	5.7	80	0.09					0.20
T1-500m	9/22/21	948	0.2	Low	0.02	0.6	0.16	2.2	0.10	1.4	0.8	22	0.19	5.9	4.80	67	0.1	35.52	26.3	7.98	6.67	0.19
T1-500m	12/14/21	948	0.8	Flood	0.10	3.1	0.14	1.9	0.13	1.8	0.0	1	0.30	9.2	4.93	69	0.10	35.12	25.9	8.13	6.67	0.15
T1-500m	3/15/22	927	0.2	Low	0.12	3.6	0.27	3.8	0.03	0.4	3.0	85	0.30	9.3	4.75	67	0.09	34.86	25.5	8.09	6.79	0.20
T1-500m	6/8/22	931	0.5	Flood	0.09	2.9	0.16	2.2	0.21	2.9	1.2	34	0.26	8.1	4.90	69	0.05	34.50	26.2	8.07	6.73	0.19
Geomear FY '22					0.07	2.1	0.17	2.4	0.1	1.3			0.3	8.0	4.8	68	0.08					0.18

NELHA Water Quality Laboratory

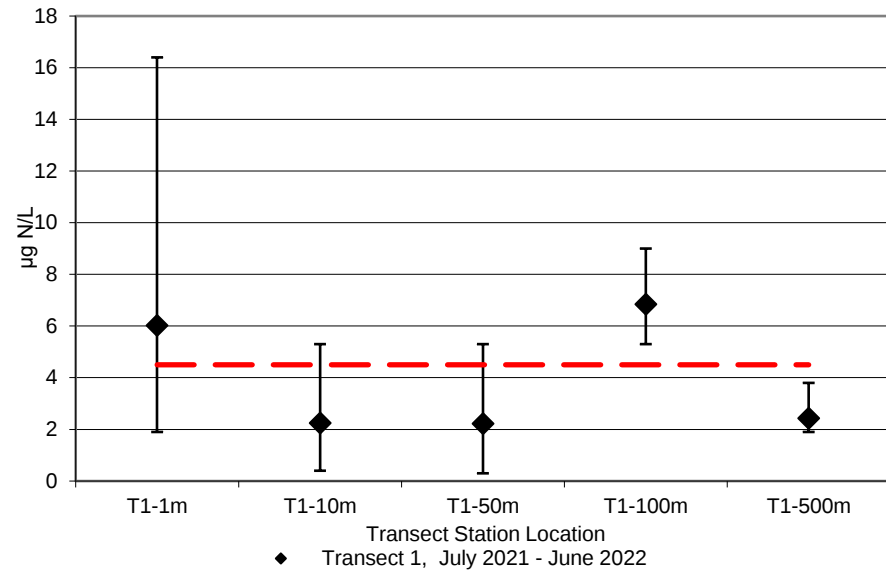
Transect 1

July 2021 - June 2022

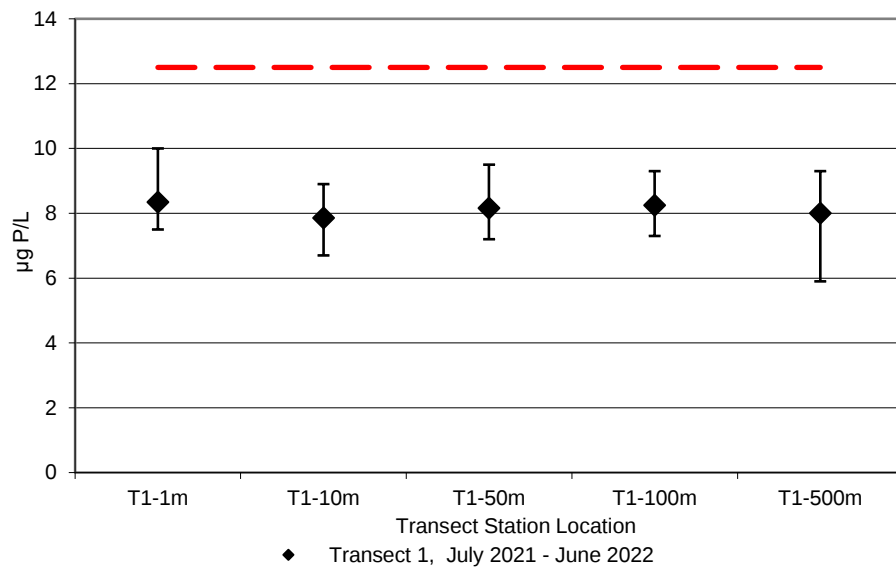
**Ortho-Phosphate
Geometric Mean**



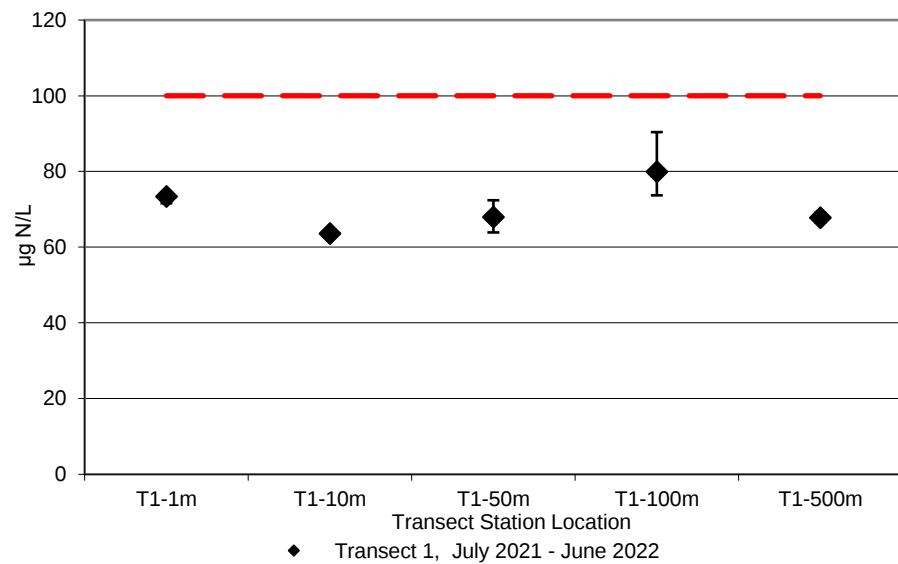
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

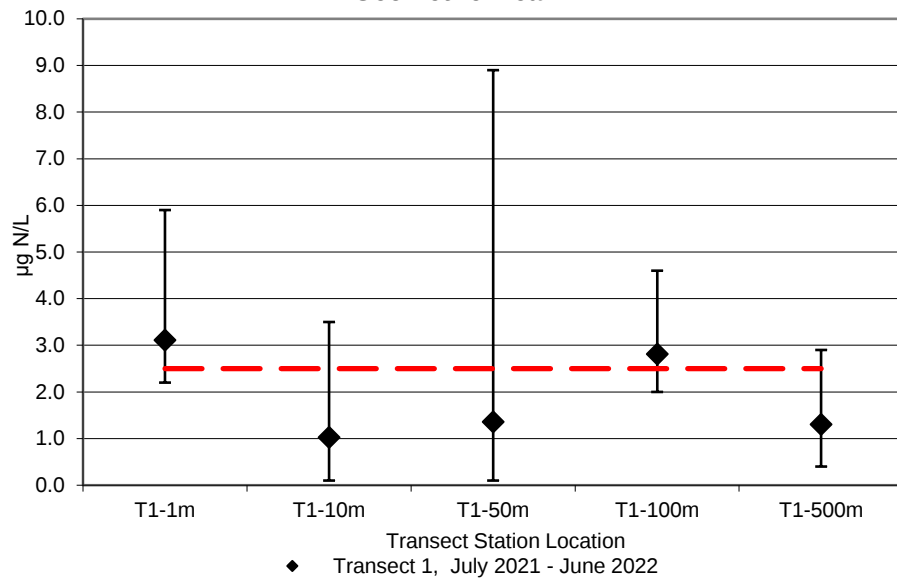


NELHA Water Quality Laboratory

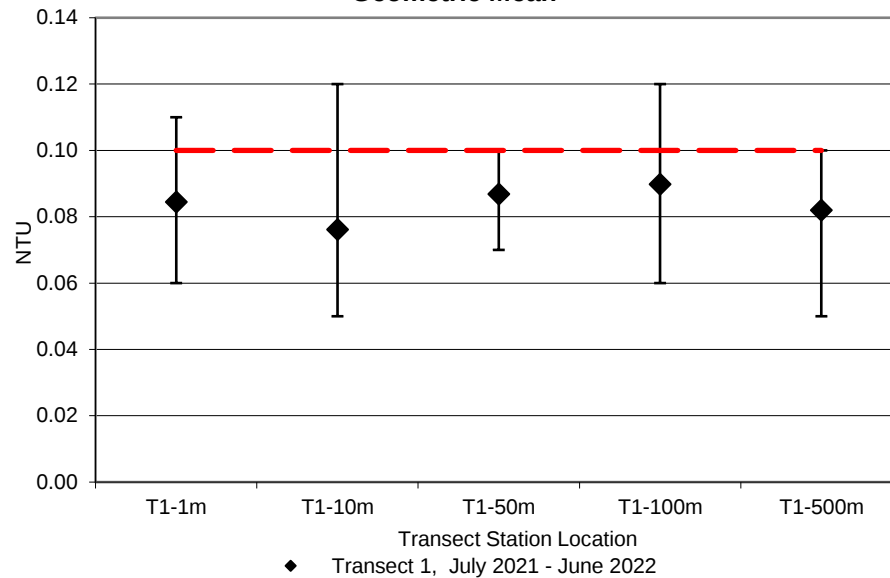
Transect 1

July 2021 - June 2022

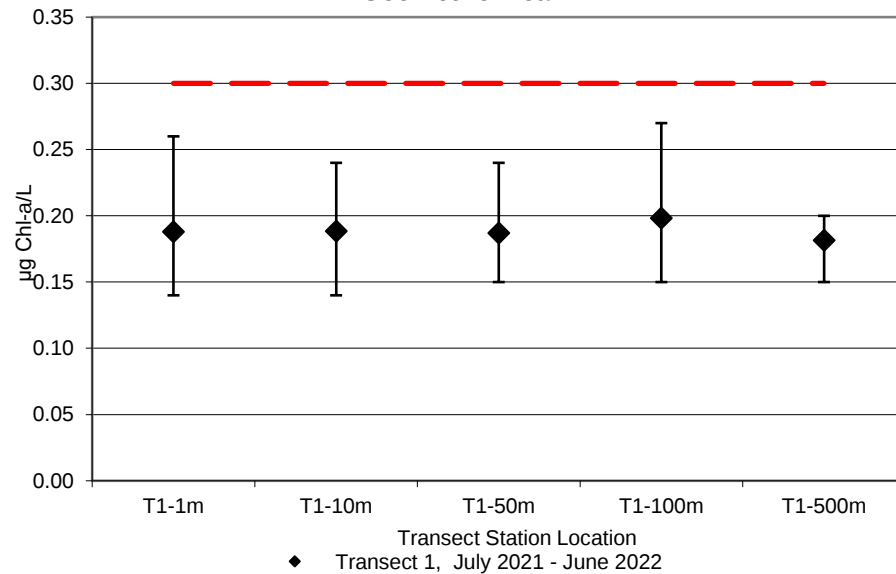
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 1

July 2020 - June 2021

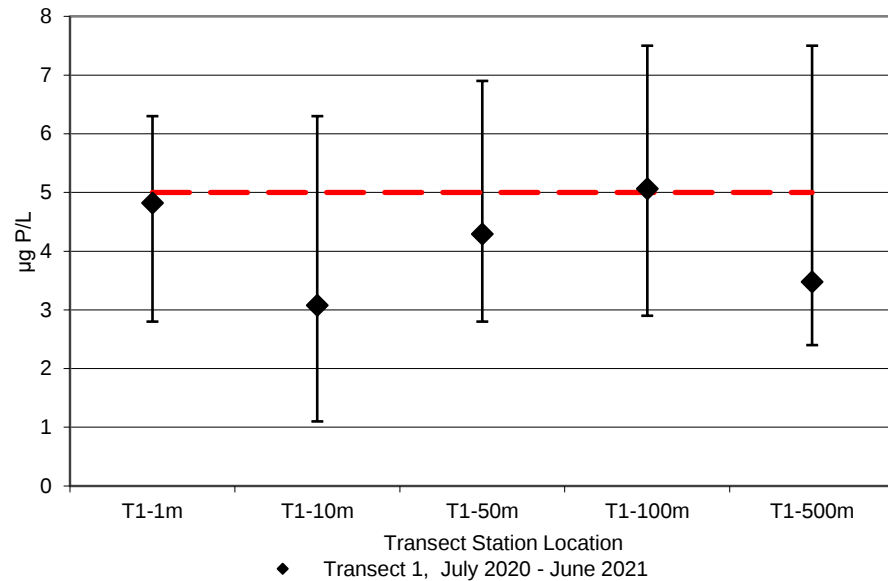
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	9/22/20	1112	1.2	Ebb	0.20	6.3	1.20	16.8	0.46	6.4	6.9	193	0.30	9.2	9.21	129	0.04	35.50	26.4	8.14	5.17	0.27
T1-1m	12/15/20	1050	0.4	Low	0.17	5.2	0.89	12.4	0.34	4.8	5.5	154	0.30	9.4	6.14	86	0.10	35.73	26.7	8.11	6.86	0.21
T1-1m	3/9/21	1114	0.7	Flood	0.19	5.9	0.26	3.6	0.18	2.5	4.4	123	0.24	7.4	5.01	70	0.06	35.62	24.6	8.11	6.88	0.29
T1-1m	5/26/21	1018	-0.2	Low	0.09	2.8	0.74	10.4	0.17	2.4	3.2	91	0.12	3.8	6.81	95	0.08	35.53	25.3	8.03	7.04	0.15
Geomear FY '21					0.16	4.8	0.67	9.4	0.3	3.7			0.2	7.0	6.6	93	0.07					0.22
T1-10m	9/22/20	1119	1.2	Ebb	0.20	6.3	1.20	16.8	0.46	6.4	6.9	193	0.31	9.6	6.70	94	0.05	35.60	26.3	8.15	5.11	0.26
T1-10m	12/15/20	1054	0.4	Low	0.15	4.8	0.50	7.0	0.31	4.4	2.6	72	0.29	8.9	5.57	78	0.06	35.76	26.7	8.12	6.78	0.22
T1-10m	3/9/21	1119	0.7	Flood	0.09	2.7	0.18	2.5	0.33	4.6	3.8	107	0.10	3.0	4.87	68	0.08	35.65	24.6	8.11	6.80	0.26
T1-10m	5/26/21	1023	-0.2	Low	0.04	1.1	0.43	6.0	0.19	2.7	1.1	32	0.20	6.2	5.05	71	0.07	35.61	25.4	8.02	6.93	0.14
Geomear FY '21					0.10	3.1	0.46	6.5	0.3	4.3			0.2	6.3	5.5	77	0.06					0.21
T1-50m	9/22/20	1124	1.2	Ebb	0.14	4.2	0.48	6.7	0.45	6.3	2.8	79	0.29	9.0	6.83	96	0.04	35.58	26.6	8.14	5.02	0.30
T1-50m	12/15/20	1059	0.4	Low	0.14	4.2	0.61	8.5	0.37	5.2	3.4	97	0.31	9.5	6.21	87	0.07	35.74	26.7	8.11	6.76	0.21
T1-50m	3/9/21	1124	0.7	Flood	0.22	6.9	0.34	4.8	0.19	2.6	4.7	132	0.11	3.4	4.12	58	0.06	35.62	24.6	8.11	6.80	0.27
T1-50m	5/26/21	1030	-0.2	Low	0.09	2.8	0.69	9.7	0.18	2.5	3.8	107	0.16	5.0	6.74	94	0.09	35.54	25.5	8.01	6.94	0.14
Geomear FY '21					0.14	4.3	0.51	7.2	0.3	3.8			0.2	6.2	5.9	82	0.06					0.22
T1-100m	9/22/20	1129	1.2	Ebb	0.14	4.2	0.32	4.5	0.38	5.3	2.4	67	0.28	8.6	5.44	76	0.04	35.59	26.5	8.15	4.98	0.22
T1-100m	12/15/20	1103	0.4	Low	0.24	7.5	3.07	43.0	0.46	6.4	20.0	562	0.34	10.5	7.52	105	0.09	35.09	26.7	8.10	6.73	0.24
T1-100m	3/9/21	1129	0.7	Flood	0.23	7.2	0.25	3.5	0.14	1.9	7.1	199	0.12	3.8	4.93	69	0.06	35.54	24.6	8.11	6.79	0.28
T1-100m	5/26/21	1036	-0.2	Low	0.09	2.9	1.53	21.4	0.20	2.8	9.4	265	0.17	5.2	6.00	84	0.09	35.36	25.6	8.02	6.96	0.15
Geomear FY '21					0.16	5.1	0.78	11.0	0.3	3.7			0.2	6.5	5.9	83	0.07					0.22
T1-500m	9/22/20	1135	1.2	Ebb	0.09	2.8	0.06	0.9	0.42	5.9	1.1	30	0.31	9.5	5.49	77	0.04	35.63	26.4	8.15	5.00	0.31
T1-500m	12/15/20	1111	0.4	Low	0.09	2.9	0.10	1.4	0.31	4.4	0.0	0	0.24	7.4	5.25	74	0.06	35.81	26.7	8.11	6.57	0.24
T1-500m	3/9/21	1137	0.7	Flood	0.24	7.5	0.01	0.2	0.10	1.4	3.8	107	0.33	10.3	4.49	63	0.07	35.66	24.6	8.11	6.78	0.22
T1-500m	5/26/21	1043	-0.2	Low	0.08	2.4	0.75	10.5	0.16	2.3	4.5	125	0.16	4.9	5.35	75	0.08	35.46	25.7	8.01	6.78	0.14
Geomear FY '21					0.11	3.5	0.09	1.3	0.2	3.0			0.2	7.7	5.1	72	0.06					0.22

NELHA Water Quality Laboratory

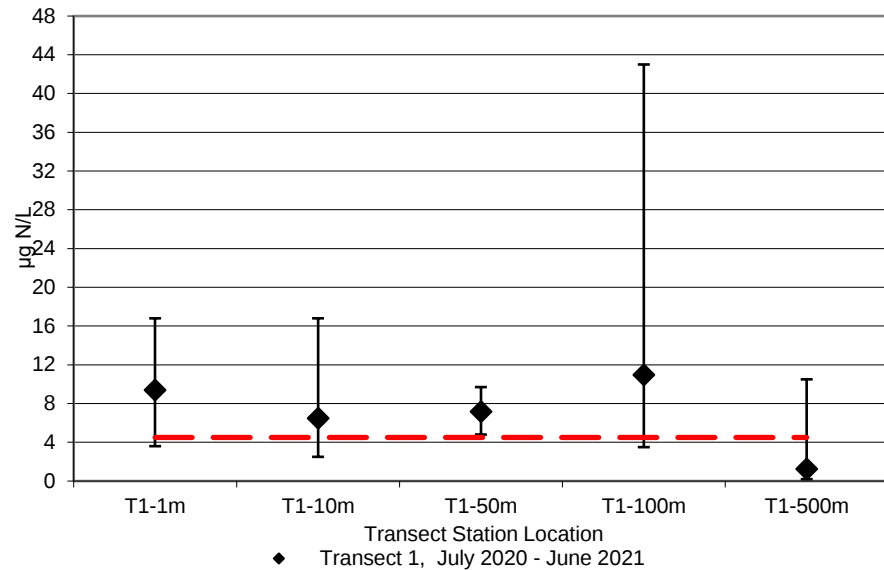
Transect 1

July 2020 - June 2021

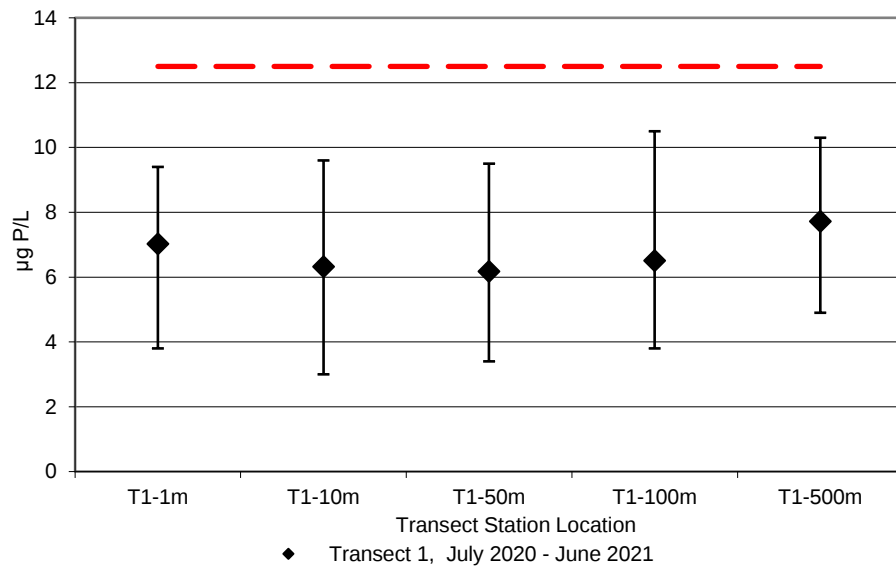
**Ortho-Phosphate
Geometric Mean**



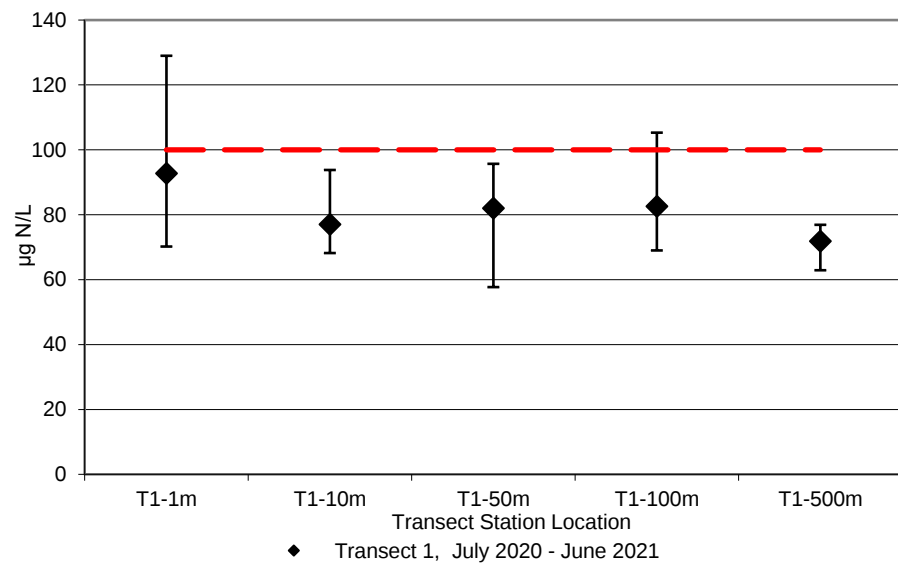
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

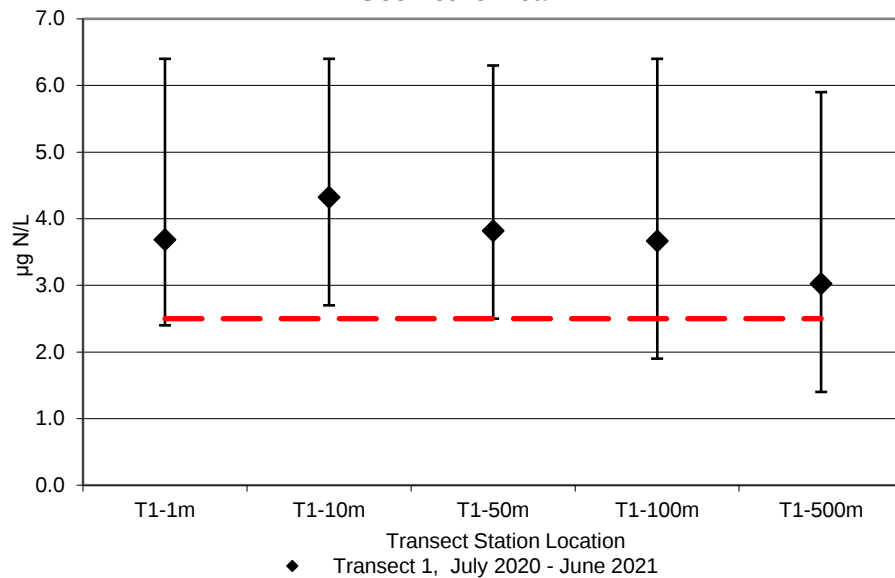


NELHA Water Quality Laboratory

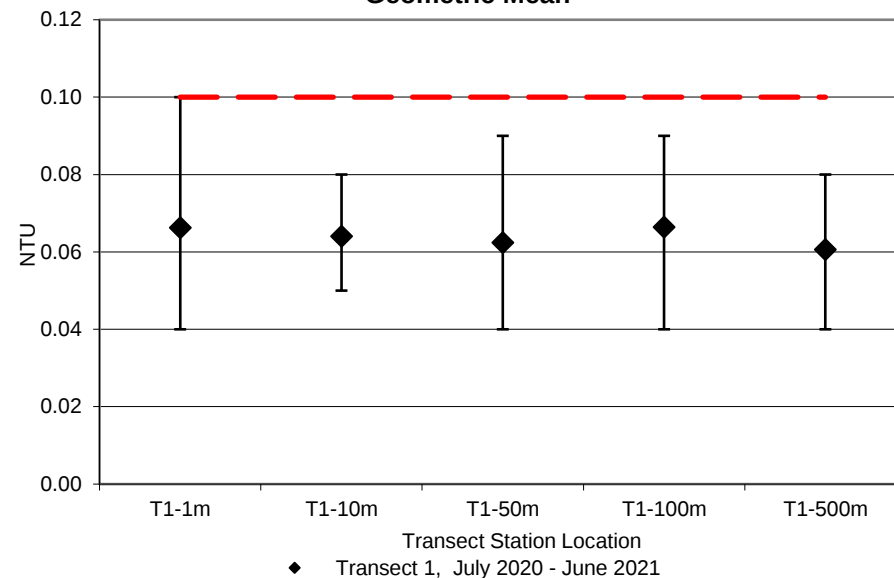
Transect 1

July 2020 - June 2021

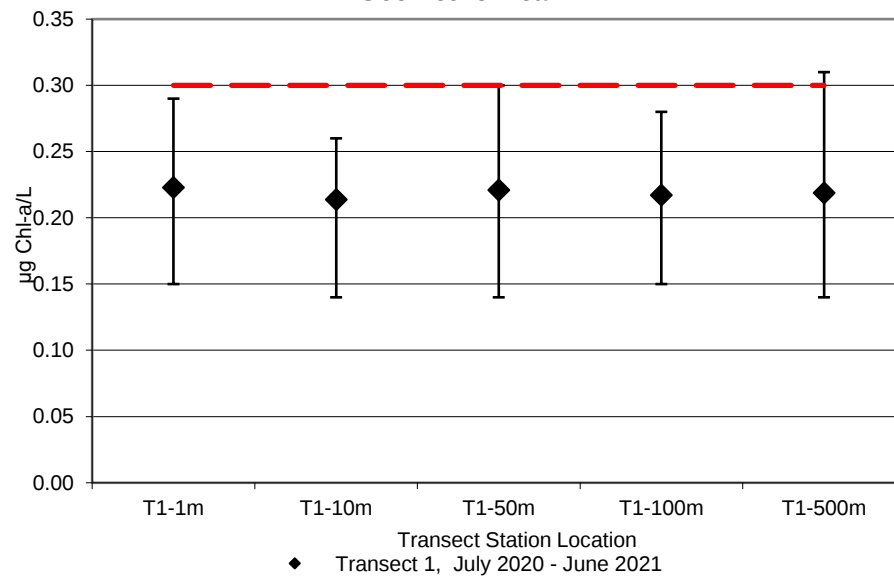
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mg C/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
O1-1S-8r	7/27/93	1213	0.03	0.9	0.03	0.4	0.14	2.0	2.5	70	0.28	8.7	7.2	101	0.28	8.67	1.18	0.09	34.508	26.6	8.27	7.03	0.06	no sample	no sample
O1-1S-8r	12/7/93	1113	0.06	1.9	0.20	2.8	0.15	2.1	4.5	125	0.23	7.1	5.2	72	0.23	7.12	1.13	0.11	34.789	25.9	8.26	6.90	0.09	no sample	no sample
O1-1S-8r	3/16/94	1041	0.21	6.5	0.77	10.8	0.20	2.8	10.5	295	0.34	10.5	4.1	57	0.34	10.53	1.14	0.11	34.269	24.7	8.25	7.11	0.09	<1	<1
O1-1S-8r	6/14/94	1032	0.13	4.0	0.14	2.0	0.03	0.4	2.7	77	0.30	9.3	6.4	90	0.30	9.29	1.12	0.11	34.564	25.4	8.25	7.05	0.03	<1	<1
Geomear FY '94			2.6		2.2		1.5				8.8		78					0.10					0.06		
O1-1S-8r	9/15/94	1050	0.10	3.1	0.09	1.3	0.14	2.0	3.0	83	0.28	8.7	5.2	72	0.30	9.29	1.20	0.12	34.630	27.8	8.29	6.99	0.09	<1	<1
O1-1S-8r	#####	947	0.16	5.0	0.49	6.9	0.50	7.0	6.4	180	0.36	11.2	5.3	75	0.38	11.77	1.06	0.07	34.473	26.1	8.25	6.87	0.17	1	<1
O1-1S-8r	3/21/95	1214	0.19	5.9	0.26	3.6	0.09	1.3	4.8	135	0.35	10.8	4.9	68	0.35	10.84	0.94	0.10	34.165	25.0	8.25	7.11	0.14	<1	<1
O1-1S-8r	6/26/95	959	0.13	4.0	0.33	4.6	0.45	6.3	4.7	131	0.32	9.9	6.1	85	0.32	9.91	0.98	0.07	34.492	26.7	8.23	6.94	0.12	<1	<1
Geomear FY '95			4.4		3.5		3.2				10.1		75					0.09					0.13		
O1-1S-8r	9/25/95	907	0.12	3.7	0.44	6.2	0.15	2.1	7.2	202	0.31	9.6	6.0	83	0.31	9.60	1.16	0.12	34.408	27.1	8.26	6.72	0.17	<1	<1
O1-1S-8r	#####	1153	0.16	5.0	0.40	5.6	0.50	7.0	7.0	197	0.31	9.6	5.8	81	0.31	9.60	1.02	0.06	34.248	27.0	8.30	8.75	0.05	<1	<1
O1-1S-8r	3/11/96	937	0.14	4.3	0.42	5.9	0.33	4.6	3.7	103	0.35	10.8	4.8	67	0.35	10.84	1.07	0.06	34.181	25.1	8.24	7.06	0.01	<1	<1
O1-1S-8r	5/13/96	903	0.13	4.0	0.48	6.7	0.19	2.7	7.6	213	0.30	9.3	7.6	107	0.30	9.29	1.24	0.07	34.165	26.6	8.21	7.06	0.11	<1	<1
Geomear FY '96			4.2		6.1		3.7				9.8		83					0.07					0.06		
O1-1S-8r	7/30/96	815	0.14	4.3	0.86	12.0	0.16	2.2	9.4	263	0.28	8.7	5.1	72	0.28	8.67	1.00	0.13	34.289	27.9	8.23	6.59	0.08	<1	1
O1-1S-8r	10/1/96	1208	0.08	2.5	0.21	2.9	0.54	7.6	3.4	95	0.28	8.7	4.9	68	0.28	8.67	0.99	0.10	34.692	27.9	8.22	6.84	0.02	<1	<1
O1-1S-8r	1/6/97	1215	0.09	2.8	0.07	1.0	0.14	2.0	2.6	74	0.30	9.3	4.6	65	0.32	9.91	1.03	0.10	34.703	25.5	8.27	6.97	0.07	1	<1
O1-1S-8r	4/21/97	1206	0.12	3.7	0.50	7.0	0.22	3.1	2.0	56	0.36	11.2	6.0	85	0.37	11.46	1.12	0.14	34.560	26.6	8.27	6.76	0.01	<1	<1
Geomear FY '97			3.2		3.9		3.2				9.4		72					0.12					0.03		
O1-1S-8r	8/18/97	1143	0.10	3.1	0.16	2.2	0.25	3.5	4.1	116	0.34	10.5	4.3	60	0.35	10.84	1.16	0.10	34.627	27.0	8.40	6.45	0.06	<1	<1
O1-1S-8r	10/6/97	1205	0.11	3.4	0.20	2.8	0.34	4.8	31.8	892	0.36	11.2	4.5	63	0.36	11.15	1.00	0.12	34.667	27.4	8.47	6.77	0.10	<1	<1
O1-1S-8r	3/3/98	1205	0.10	3.1	0.46	6.4	0.24	3.4	4.9	136	0.34	10.5	4.8	67	0.34	10.53	0.99	0.09	34.959	25.1	8.23	7.04	0.05	<1	<1
O1-1S-8r	5/4/98	1118	0.15	4.6	1.24	17.4	0.16	2.2	13.2	371	0.43	13.3	5.6	78	0.44	13.63	0.87	0.20	34.720	23.8	8.24	7.24	0.11	<1	<1
Geomear FY '98			3.5		5.1		3.3				11.3		67					0.12					0.08		
O1-1S-8r	7/6/98	1220	0.10	3.1	0.14	2.0	0.10	1.4	3.5	99	0.36	11.2	5.3	75	0.37	11.46	1.07	0.08	35.020	26.4	8.24	7.17	0.17	<1	<1
O1-1S-8r	10/5/98	1149	0.10	3.1	0.50	7.0	0.14	2.0	6.6	184	0.40	12.4	6.7	94	0.40	12.39	1.10	0.08	35.020	27.4	8.23	7.28	0.07	<1	<1
O1-1S-8r	1/13/99	1157	0.11	3.4	0.45	6.3	0.10	1.4	4.8	135	0.35	10.8	5.4	75	0.36	11.15	1.13	0.10	35.027	25.2	8.24	7.11	0.06	<1	<1
O1-1S-8r	4/12/99	927	0.14	4.3	0.52	7.3	0.11	1.5	6.9	194	0.39	12.1	6.0	84	0.40	12.39	1.11	0.12	34.606	24.1	8.21	7.09	0.12	<1	<1

NELHA Water Quality Laboratory

Transect 1, Station 1
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Geomear FY '99	3.5	5.0	1.6		11.6	81		0.09					0.10	
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NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
O1-1S-8r	7/6/99	930	0.11	3.4	0.13	1.8	0.06	0.8	2.6	72	0.34	10.5	4.7	66	0.34	10.53	1.00	0.08	34.942	25.6	8.20	6.77	0.17	29	<1
O1-1S-8r	10/4/99	1021	0.17	5.3	0.61	8.5	0.16	2.2	8.5	239	0.35	10.8	5.1	72	0.35	10.84	0.99	0.12	34.794	25.9	8.26	7.00	0.06	<1	<1
O1-1S-8r	1/4/00	1213	0.11	3.4	0.60	8.4	0.37	5.2	13.2	371	0.35	10.8	5.6	79	0.35	10.84	0.98	0.08	35.050	24.7	8.23	7.11	0.13	<1	<1
O1-1S-8r	4/17/00	1004	0.15	4.6	0.28	3.9	0.02	0.3	4.8	134	0.35	10.8	7.1	99	0.36	11.15	1.02	0.10	34.592	24.3	8.26	7.05	0.11	<1	<1
Geomear FY '00			4.1		4.8		1.3				10.8		78					0.09					0.11		
O1-1S-8r	7/24/00	1234	0.12	3.7	0.10	1.4	0.01	0.1	6.4	180	0.35	10.8	5.8	81	0.36	11.15	1.02	0.08	34.770	27.2	8.28	6.95	0.11	<1	<1
O1-1S-8r	#####	1256	0.14	4.3	0.28	3.9	0.31	4.3	6.1	172	0.34	10.5	5.1	71	0.35	10.84	1.13	0.08	34.907	27.3	8.24	6.64	0.24	<1	<1
O1-1S-8r	2/26/01	1233	0.19	5.9	0.84	11.8	0.16	2.2	12.2	343	0.38	11.8	5.9	82	0.39	12.08	1.04	0.09	34.476	24.9	8.22	6.83	0.09	<1	<1
O1-1S-8r	5/7/01	1019	0.17	5.3	1.04	14.6	0.35	4.9	10.9	306	0.40	12.4	5.4	76	0.41	12.70	0.99	0.12	34.698	24.6	8.20	7.29	0.10	<1	<1
Geomear FY '01			4.7		5.5		1.6				11.4		77					0.09					0.12		
O1-1S-8r	8/21/01	1201	0.17	5.3	0.63	8.8	0.03	0.4	6.2	174	0.35	10.8	5.9	82	0.35	10.84	1.05	0.12	34.688	26.8	8.23	7.18	0.12	<1	<1
O1-1S-8r	10/8/01	950	0.12	3.7	0.09	1.3	0.05	0.7	2.5	70	0.37	11.5	6.0	84	0.37	11.46	1.10	0.12	34.938	27.2	8.21	6.72	0.09	<1	<1
O1-1S-8r	3/5/02	1108	0.17	5.3	0.71	9.9	0.09	1.3	8.5	238	0.38	11.8	6.9	96	0.39	12.08	0.95	0.16	34.630	24.3	8.23	6.88	0.16	<1	1
O1-1S-8r	4/17/02	1126	0.12	3.7	0.69	9.7	0.24	3.4	6.4	180	0.40	12.4	6.0	84	0.42	13.01	1.00	0.08	34.372	25.7	8.21	6.75	0.14	<1	<1
Geomear FY '02			4.4		5.7		1.1				11.6		87					0.12					0.12		
O1-1S-8r	7/8/02	1020	0.15	4.6	0.05	0.7	0.11	1.5	3.5	99	0.44	13.6	6.5	91	0.44	13.63	1.06	0.08	34.645	26.5	8.22	6.81	0.18	1	<1
O1-1S-8r	10/9/02	1109	0.08	2.5	0.66	9.2	0.09	1.3	6.0	168	0.31	9.6	6.1	86	0.31	9.60	0.95	0.12	34.876	27.0	8.26	6.82	0.10	<1	<1
O1-1S-8r	3/11/03	1004	0.12	3.7	0.64	9.0	0.04	0.6	5.0	139	0.34	10.5	6.2	87	0.36	11.15	0.99	0.22	34.880	24.5	8.24	7.04	0.17	<1	1
O1-1S-8r	4/22/03	1100	0.10	3.1	0.32	4.5	0.07	1.0	2.9	81	0.33	10.2	5.2	73	0.36	11.15	1.03	0.06	35.018	25.1	8.26	7.06	0.08	<1	<1
Geomear FY '03			3.4		4.0		1.0				10.9		84					0.11					0.13		
O1-1S-8r	8/18/03	1300	0.07	2.2	0.34	4.8	0.30	4.2	6.2	173	0.38	11.8	7.5	105	0.38	11.77	n/a	0.10	34.869	28.1	8.24	6.82	0.05	<1	<1
O1-1S-8r	#####	1048	0.09	2.8	0.07	1.0	0.18	2.5	3.1	86	0.36	11.2	4.2	58	0.39	12.08	n/a	0.11	34.836	27.6	8.21	n/a	0.16	<1	<1
O1-1S-8r	3/11/04	950	0.16	5.0	0.41	5.7	0.20	2.8	2.9	81	0.41	12.7	5.2	72	0.40	12.39	n/a	n/a	34.291	25.6	8.25	6.24	0.17	<1	<1
O1-1S-8r	5/20/04	930	0.12	3.7	0.08	1.1	0.18	2.5	4.2	118	0.34	10.5	5.6	78	0.36	11.15	n/a	n/a	33.51	26.5	8.23	6.82	0.01	<1	<1
Geomear FY '04			3.2		2.3		2.9				11.5		77					0.10					0.06		
O1-1S-8r	9/20/04	935	0.09	2.8	0.05	0.7	0.19	2.7	3.1	86	0.34	10.5	5.9	82	0.34	10.53	n/a	0.18	33.72	27.7	8.24	6.60	0.11	<1	<1
O1-1S-8r	#####	906	0.11	3.4	0.17	2.4	0.26	3.6	2.3	65	0.36	11.2	5.8	81	0.35	10.84	n/a	0.08	33.60	27.1	8.27	6.59	0.03	<1	<1
O1-1S-8r	1/13/05	1030	0.07	2.2	0.21	2.9	0.08	1.1	3.6	102	0.27	8.4	4.1	57	0.28	8.67	n/a	0.06	35.852	25.2	8.33	6.78	0.09	<1	<1
O1-1S-8r	4/11/05	1026	0.24	7.4	1.54	21.6	0.28	3.9	11.2	315	0.41	12.7	6.3	88	0.42	13.01	n/a	0.12	34.232	25.2	8.30	7.08	0.08	<1	1

NELHA Water Quality Laboratory

Transect 1, Station 1
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Geomear FY '05	3.5	3.2	2.6		10.6	76		0.10					0.07	
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NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
O1-1S-8rr	7/20/05	1012	0.06	1.9	0.02	0.3	0.32	4.5	1.4	39	0.35	10.8	4.4	61	0.35	10.84	n/a	0.08	34.756	26.6	8.25	6.67	0.01	<1	<1
O1-1S-8rr	#####	900	0.06	1.9	0.07	1.0	0.08	1.1	4.0	113	0.31	9.6	3.6	51	0.31	9.60	1.26	0.17	34.938	26.5	8.28	6.64	0.12	<1	1
O1-1S-8rr	3/13/06	944	0.26	8.1	3.20	44.8	0.28	3.9	20.3	571	0.55	17.0	8.7	122	0.54	16.73	n/a	0.19	34.266	24.4	8.28	7.23	0.12	<1	<1
O1-1S-8rr	5/15/06	943	0.42	13.0	5.14	72.0	0.67	9.4	39.3	1103	0.76	23.5	10.2	143	0.89	27.57	1.12	0.24	33.529	25.0	8.26	7.12	0.84	<1	<1
Geomear	FY '06		4.4		5.5		3.7				14.3		86				0.16						0.10		
O1-1S-8rr	8/14/06	937	0.15	4.6	0.40	5.6	0.32	4.5	4.5	125	0.44	13.6	5.8	81	0.41	12.70	1.10	0.13	34.545	26.5	8.26	7.19	0.08	<1	<1
O1-1S-8rr	11/1/06	943	0.17	5.3	0.99	13.9	0.88	12.3	9.9	279	0.37	11.5	7.1	99	0.43	13.32	1.30	0.22	34.598	26.8	8.27	7.12	0.23	<1	<1
O1-1S-8rr	2/12/07	1005	0.17	5.3	0.97	13.6	0.46	6.4	7.3	205	0.41	12.7	6.3	88	0.41	12.70	1.13	0.44	34.414	24.5	8.23	6.81	0.19	<1	<1
O1-1S-8rr	4/9/07	938	0.13	4.0	0.15	2.1	0.39	5.5	5.2	145	0.36	11.2	4.8	67	0.54	16.73	0.98	0.49	34.658	25.1	8.21	6.62	0.02	<1	<1
Geomear	FY '07		4.8		6.9		6.6				12.2		83				0.28						0.09		
T1-1m	9/26/07	855	0.19	6.0	0.81	11.3	0.34	4.7	9.3	260	0.43	13.4	7.0	98				0.08	34.750	26.8	8.10	6.12	0.12		
T1-1m	#####	1030	0.06	1.9	0.61	8.6			6.8	190	0.43	13.4	7.0	99				0.19	34.672	25.7	8.36	6.43	0.23		
T1-1m	3/10/08	930	0.02	0.7	0.26	3.7	0.06	0.8	3.4	96	0.41	12.6	7.9	111				0.09	34.89	24.9	8.09	6.51	0.24		
T1-1m	6/5/08	941	0.12	3.8	0.19	2.7	0.16	2.2	12.6	354	0.30	9.3	11.9	167				0.1	34.817	24.9	8.09	6.81	0.21		
Geomear	FY '08		2.3		5.6		2.0				12.0		115				0.11						0.19		
T1-1m	9/22/08	1037	0.07	2.1	0.09	1.3	0.41	5.8	2.1	59	0.32	9.9	5.4	76				0.10	34.750	26.6	7.95	6.68	0.02		
T1-1m	#####	916	0.13	4.1	0.23	3.2	0.28	3.9	2.7	75	0.29	8.9	4.1	58				0.15	34.950	25.7	8.10	5.39	0.02		
T1-1m	2/9/09	913	0.19	6	0.30	4.2	0.12	1.7	2.1	60	0.32	9.8	4.6	65				0.27	34.961	24.9	8.06	6.28	0.01		
T1-1m	4/13/09	907	0.29	9	0.36	5.1	0.33	4.6	3.7	105	0.60	18.7	5.7	80				0.20	34.958	23.9	8.05	6.06	0.05		
Geomear	FY '09		4.6		3.1		3.6				11.3		69				0.17						0.02		
T1-1m	9/9/09	856	0.35	10.7	0.36	5.1	0.16	2.2	9.8	276	0.65	20	7.2	101				0.11	35.08	26.8	8.22	6.01	0.06		
T1-1m	#####	928	0.02	0.76	0.33	4.6	0.04	0.6	33.5	940	0.31	9.7	6.4	90				0.08	35.17	25.3	8.25	6.13	0.18		
T1-1m	2/23/10	928	0.16	5.1	0.44	6.1	0.39	5.5	42.7	1199	0.35	10.8	5.1	71				0.10	35.03	24.6	8.21	6.23	0.32		
T1-1m	5/25/10	1056	0.05	1.5	0.12	1.7	0.12	1.7	10.3	290	0.58	18.1	6.2	87				0.08	34.96	25.1	8.25	7.01	0.09		
Geomear	FY '10		2.8		3.9		1.9				14.0		87				0.09						0.13		
T1-1m	8/10/10	937	0.03	0.9	0.49	6.8	0.26	3.7	5.8	164	0.29	8.9	3.3	46				0.08	34.84	25.96	8.24	6.45	0.07		
T1-1m	11/8/10	927	0.02	0.76	0.29	4	0.16	2.2	5.3	149	0.38	11.7	4.7	65				0.18	35.25	26.42	8.24	6.18	0.04		
T1-1m	1/11/11	935	0.13	4.1	0.21	2.9	0.03	0.4	3.3	93	0.44	13.5	3.9	55				0.09	35.01	24.98	8.21	6.42	0.08		
T1-1m	4/26/11	935	0.18	5.5	0.35	4.9	0.14	1.9	6.8	192	0.48	14.9	3.5	49				0.08	34.95	25.06	8.23	6.46	0.14		

NELHA Water Quality Laboratory

Transect 1, Station 1
7/27/93 - 7/10/2025

Geomear FY '11	2.0	4.4	1.6		12.0	53			0.10					0.07		
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NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
T1-1m	7/26/11	944	0.21	6.4	0.38	5.3	0.10	1.4	2.8	80	0.52	16.1	4.1	58				0.05	34.76	25.86	8.25	6.36	0.09		
T1-1m	#####	927	0.04	1.1	0.29	4.1	0.26	3.7	2.3	64	0.30	9.4	5.6	79				0.09	35.04	26.51	8.19	6.45	0.11		
T1-1m	1/25/12	949	0.11	3.4	0.26	3.6	0.08	1.1	3.1	86	0.42	13.1	4.7	66				0.10	35.00	24.65	8.18	6.72	0.11		
T1-1m	4/24/12	1014	0.14	4.3	0.24	3.4	0.29	4.1	2.6	73	0.43	13.2	3.5	50				0.11	35.10	24.71	8.20	6.56	0.13		
Geomear FY '12			3.2		4.0		2.2				12.7		62					0.08					0.11		
T1-1m	7/24/12	929	0.04	1.1	0.24	3.3	0.19	2.6	1.1	32	0.67	20.8	7.3	103				0.08	35.08	26.33	8.22	6.87	0.04		
T1-1m	#####	931	0.12	3.7	1.05	14.7	0.37	5.2	7.9	221	0.45	13.9	5.7	80				0.07	35.04	25.00	8.20	6.83	0.30		
T1-1m	1/24/13	938	0.10	3.1	0.24	3.3	0.31	4.3	2.0	55	0.43	13.4	7.2	101				0.08	35.02	24.65	8.21	6.40	0.09		
T1-1m	4/16/13	939	0.17	5.3	0.40	5.6	0.08	1.1	1.0	27	0.50	15.4	6.3	89				0.07	35.15	24.87	8.21	7.04	0.08		
Geomear FY '13			2.9		5.5		2.8				15.6		93					0.07					0.10		
T1-1m	8/1/13	850	0.08	2.4	0.29	4.1	0.24	3.3	5.0	142	0.43	13.3	5.1	71				0.10	35.08	26.1	8.23	6.76	0.13		
T1-1m	#####	928	0.10	3.1	0.35	4.9	0.36	5.0	2.5	70	0.55	16.9	9.3	130				0.04	35.28	27.0	8.25	6.21	0.17		
T1-1m	2/4/14	928	0.13	4.1	0.47	6.6	1.09	15.2	3.5	97	0.44	13.5	8.9	125				0.02	34.91	25.2	8.22	6.33	0.15		
T1-1m	5/6/14	923	0.17	5.4	0.50	7.0	0.39	5.5	3.7	105	0.51	15.7	9.2	129				0.09	34.69	25.8	8.21	6.59	0.16		
Geomear FY '14			3.6		5.5		6.1				14.8		110					0.05					0.15		
T1-1m	8/5/14	942	0.21	6.5	0.26	3.6	0.51	7.2	1.4	39	0.42	13.0	9.3	130				0.10	34.98	26.8	8.20	6.28	0.17		
T1-1m	#####	1120	0.17	5.2	0.19	2.7	0.31	4.3	0.1	3	0.55	16.9	9.3	130				0.14	35.02	27.0	8.21	7.00	0.10		
T1-1m	3/3/15	931	0.08	2.5	0.86	12.1	0.31	4.3	4.1	116	0.36	11.2	7.7	108				0.09	34.78	25.5	8.15	6.85	0.18		
T1-1m	6/16/15	1037	0.17	5.4	1.32	18.5	0.65	9.1	8.0	226	0.29	9.1	7.6	106				0.08	33.88	26.4	8.21	6.33	0.20		
Geomear FY '15			4.6		6.8		5.9				12.2		118					0.10					0.16		
T1-1m	8/26/15	1138	0.16	4.9	0.24	3.4	0.31	4.3	7.1	200	0.27	8.5	5.4	75				0.05	34.48	28.4	8.20	6.06	0.35		
T1-1m	#####	938	0.18	5.6	0.42	5.9	0.16	2.3	6.2	174	0.54	16.8	5.5	77				0.07	33.81	27.4	8.21	6.53	0.20		
T1-1m	3/1/16	938	0.13	4.1	0.12	1.7	0.39	5.4	0.6	18	0.52	16.2	7.1	100				0.08	34.75	25.4	8.27	5.82	0.07		
T1-1m	5/3/16	914	0.15	4.7	0.64	8.9	0.24	3.4	4.6	129	0.40	12.3	9.9	138				0.08	34.52	25.5	8.34	6.38	0.22		
Geomear FY '16			4.8		4.2		3.7				13.0		94					0.07					0.18		
T1-1m	7/6/16	942	0.15	4.7	0.29	4.0	0.34	4.7	5.1	143	0.56	17.2	7.2	101				0.12	34.54	26.8	8.28	6.68	0.24		
T1-1m	#####	935	0.04	1.2	0.28	3.9	0.05	0.7	2.2	62	0.34	10.6	3.5	49				0.06	34.69	25.6	8.22	5.78	0.33		
T1-1m	2/28/17	847	0.01	0.4	0.19	2.7	0.04	0.6	0.5	15	0.32	9.9	4.5	63				0.11	34.64	24.7	8.21	8.74	0.11		
T1-1m	5/9/17	1004	0.01	0.2	0.66	9.3	0.16	2.2	3.2	91	0.27	8.3	3.8	54				0.15	34.60	25.8	8.19	4.82	0.10		

NELHA Water Quality Laboratory

Transect 1, Station 1
7/27/93 - 7/10/2025

Geomear FY '17	0.8	4.4	1.4		11.1	64			0.10					0.17		
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NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
T1-1m	9/27/17	939	0.16	4.9	0.29	4.1	0.26	3.7	1.0	28	0.41	12.8	3.3	47				0.10	34.74	27.8	8.25	4.67	0.13		
T1-1m	#####	1026	0.13	4.0	0.44	6.1	0.56	7.8	3.4	96	0.42	12.9	5.5	77				0.11	35.05	26.1	8.16	5.09	0.21		
T1-1m	1/30/18	1008	0.11	3.3	0.24	3.3	0.17	2.4	2.4	66	0.36	11.3	3.7	52				0.10	34.81	24.6	8.16	5.58	0.27		
T1-1m	5/16/18	1011	0.14	4.4	0.72	10.1	0.14	2.0	7.4	207	0.40	12.4	4.0	56				0.02	34.70	25.5	8.14	6.21	0.14		
Geomear FY '18			4.1		5.4		3.4				12.3		57					0.07					0.18		
T1-1m	9/24/18	927	0.10	3.0	0.16	2.3	0.28	3.9	4.2	119	0.39	12.1	5.1	72				0.12	34.52	27.7	8.19	5.33	0.15		
T1-1m	#####	1021	0.13	4.1	1.32	18.5	0.29	4.1	5.1	143	0.54	16.7	5.8	81				0.12	34.86	27.3	8.22	5.06	0.24		
T1-1m	1/22/19	1009	0.17	5.3	0.86	12.0	0.16	2.3	6.8	191	0.44	13.5	3.7	52				0.10	34.81	24.9	8.24	5.97	0.22		
T1-1m	4/16/19	959	0.15	4.7	0.37	5.2	0.24	3.3	2.9	83	0.49	15.2	3.3	47				0.05	35.61	25.7	8.11	7.56	0.13		
Geomear FY '19			4.2		7.1		3.3				14.3		61					0.09					0.18		
T1-1m	8/13/19	1140	0.04	1.2	0.16	2.3	0.35	4.9	1.1	32	0.25	7.8	2.6	37				0.09	35.69	28.4	8.20	6.81	0.24		
T1-1m	#####	1139	0.12	3.8	0.16	2.3	0.21	3.0	0.8	23	0.37	11.4	2.7	37				0.11	34.80	27.5	8.23	6.57	0.16		
T1-1m	1/22/20	932	0.16	5.1	0.41	5.7	0.09	1.3	3.9	108	0.45	14.0	4.0	56				0.04	34.94	25.0	8.21	6.84	0.15		
T1-1m	6/24/20	1010	0.14	4.2	0.80	11.2	0.21	2.9	7.3	206	0.34	10.5	4.2	59				0.08	35.32	25.8	8.14	7.02	0.36		
Geomear FY '20			3.1		4.3		2.7				10.7		46					0.08					0.21		
T1-1m	9/22/20	1112	0.20	6.3	1.20	16.8	0.46	6.4	6.9	193	0.30	9.2	9.2	129				0.04	35.50	26.4	8.14	5.17	0.27		
T1-1m	#####	1050	0.17	5.2	0.89	12.4	0.34	4.8	5.5	154	0.30	9.4	6.1	86				0.10	35.73	26.7	8.11	6.86	0.21		
T1-1m	3/9/21	1114	0.19	5.9	0.26	3.6	0.18	2.5	4.4	123	0.24	7.4	5.0	70				0.06	35.62	24.6	8.11	6.88	0.29		
T1-1m	5/26/21	1018	0.09	2.8	0.74	10.4	0.17	2.4	3.2	91	0.12	3.8	6.8	95				0.08	35.53	25.3	8.03	7.04	0.15		
Geomear FY '21			4.8		9.4		3.7				7.0		93					0.07					0.22		
T1-1m	9/22/21	931	0.09	2.7	1.17	16.4	0.21	3.0	8.4	236	0.24	7.5	5.3	74				0.07	35.43	26.1	7.98	6.92	0.19		
T1-1m	#####	927	0.12	3.6	0.14	1.9	0.16	2.2	0.5	14	0.27	8.4	5.1	72				0.11	35.11	25.9	8.12	6.75	0.14		
T1-1m	3/15/22	907	0.17	5.2	1.04	14.6	0.17	2.4	7.2	201	0.32	10.0	5.3	74				0.11	34.74	25.2	8.09	7.03	0.18		
T1-1m	6/8/22	907	0.11	3.4	0.21	2.9	0.42	5.9	1.1	32	0.25	7.7	5.3	74				0.06	34.50	26.3	8.05	6.72	0.26		
Geomear FY '22			3.6		6.0		3.1				8.3		73					0.08					0.19		
T1-1m	9/21/22	846	0.00	0.1	0.25	3.5	0.12	1.7	1.4	39	0.42	13.1	4.5	64				0.06	34.90	27.0	8.08	6.78	0.24		
T1-1m	#####	918	0.08	2.5	0.22	3.1	0.22	3.1	0.5	14	0.12	3.6	5.3	74				0.10	34.97	25.6	8.05	6.68	0.29		
T1-1m	3/15/23	903	0.15	4.5	0.90	12.6	0.24	3.4	5.2	146	0.24	7.4	5.5	78				0.10	34.56	24.3	8.04	6.98	0.28		
T1-1m	5/31/23	908	0.06	1.9	0.52	7.3	0.06	0.9	3.0	85	0.19	5.9	4.5	63				0.10	34.73	25.6	7.99	6.87	0.17		

NELHA Water Quality Laboratory

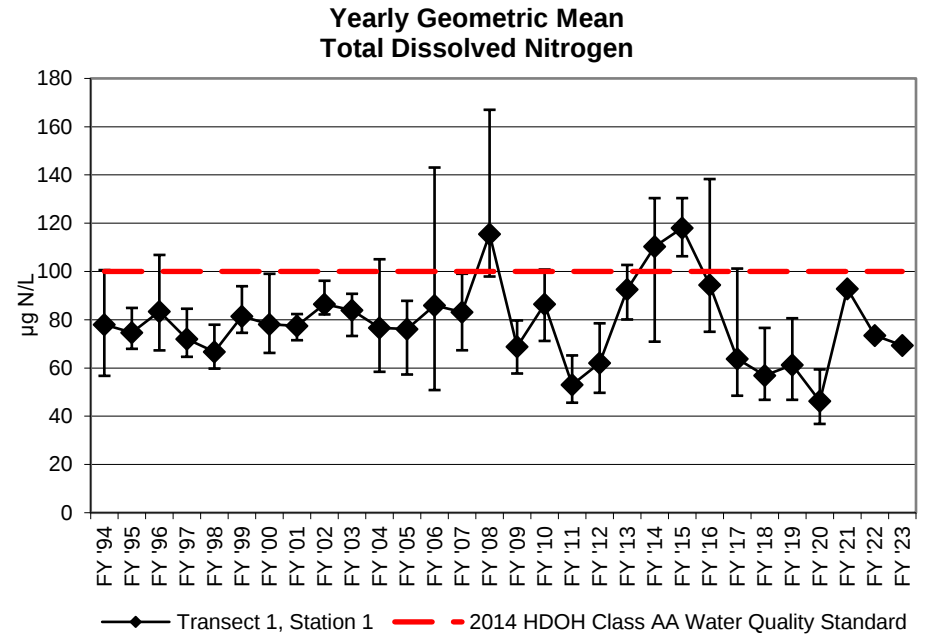
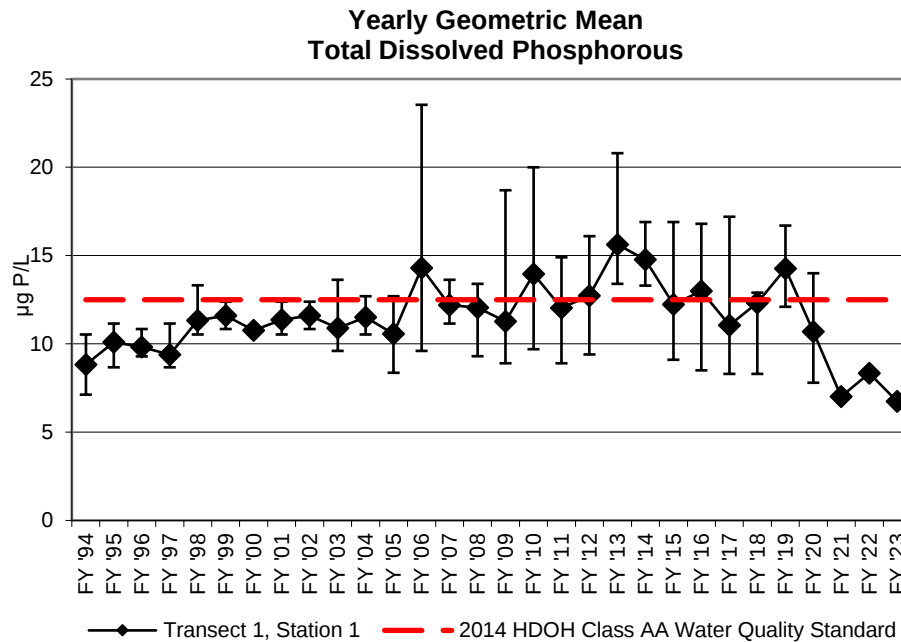
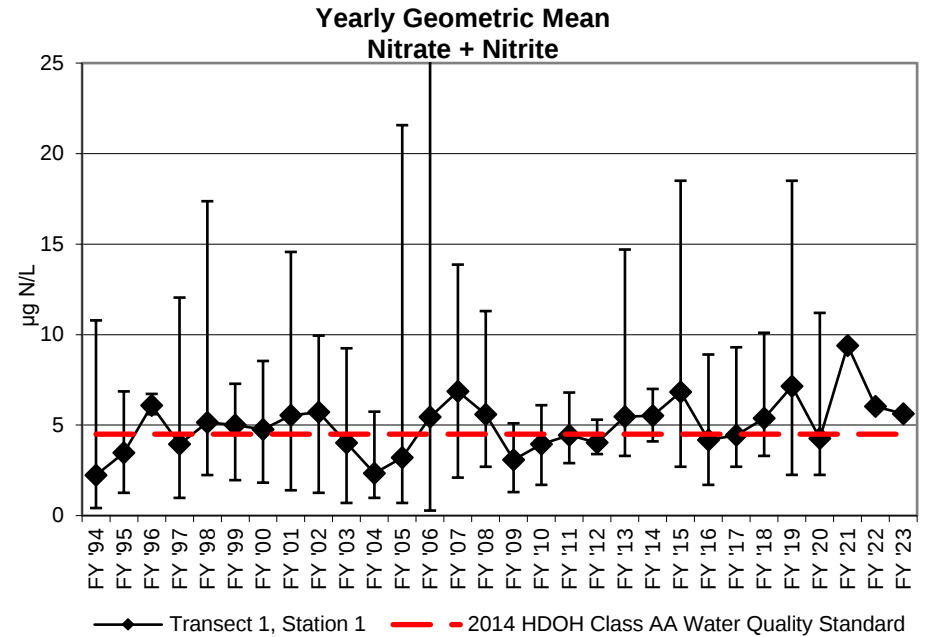
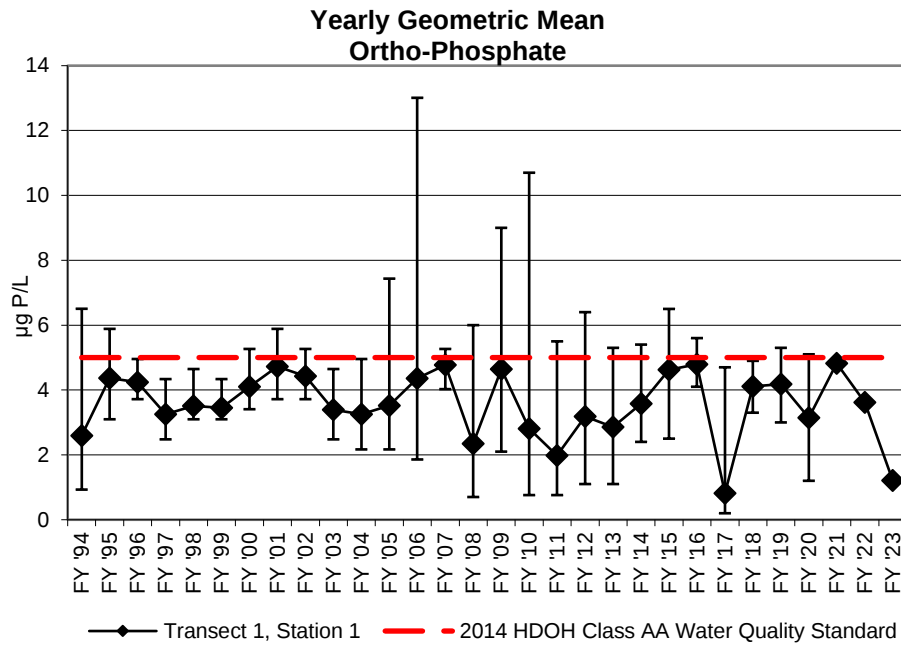
Transect 1, Station 1
7/27/93 - 7/10/2025

Geomear FY '23	1.2	5.6	2.0		6.7	69			0.09					0.24		
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NELHA Water Quality Laboratory

Transect 1, Station 1

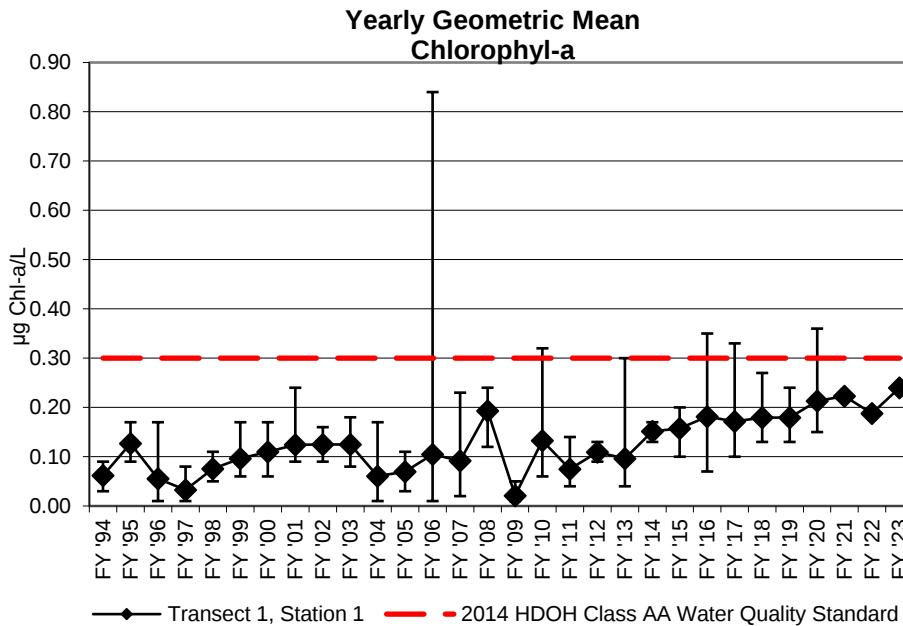
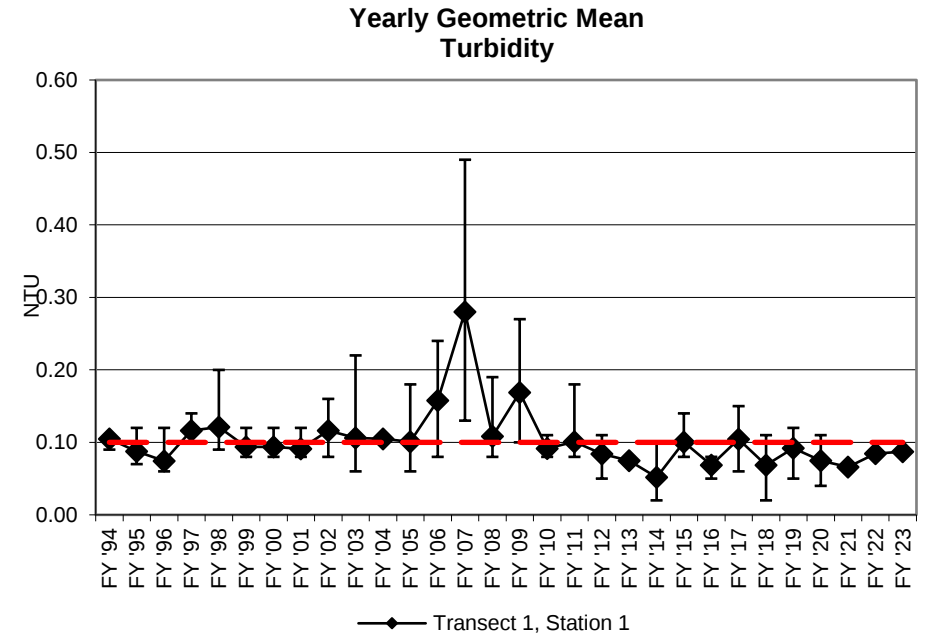
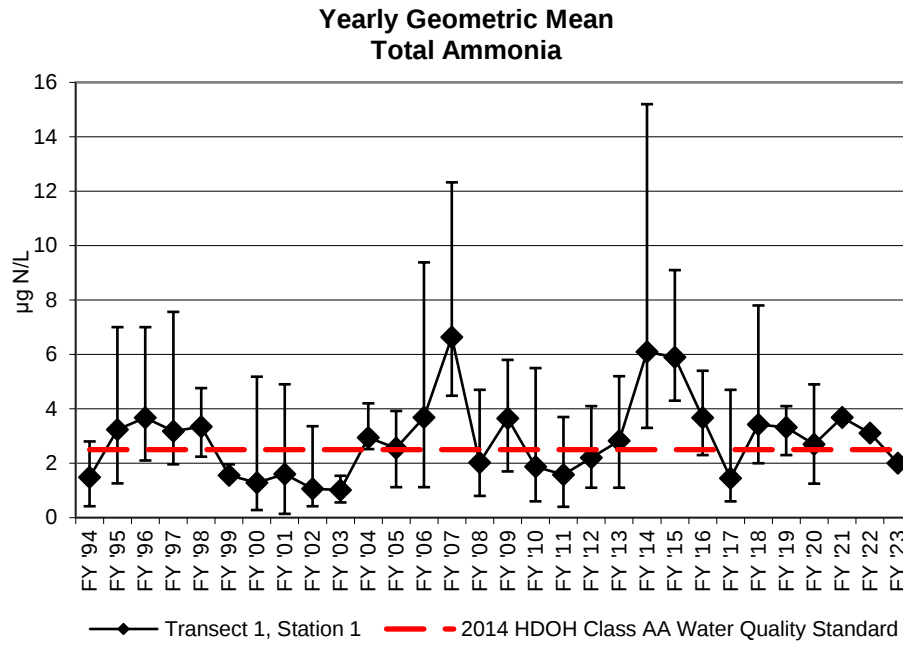
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NELHA Water Quality Laboratory

Transect 1, Station 1

7/27/93 - 7/10/2025



NELHA Water Quality Laboratory

Transect 1, Station 2

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-2S-23n	7/27/93	1201	0.10	3.1	0.09	1.3	0.27	3.8	2.0	55			3.81 53.37		0.10	34.502	26.6			
O1-2S-23n	12/7/93	1058	0.06	1.9	0.15	2.1	0.11	1.5	3.5	99					0.11	34.805	25.9			
O1-2S-23n	3/16/94	1032	0.19	5.9	0.63	8.8	0.22	3.1	8.8	248					0.12	34.330	24.7			
O1-2S-23n	6/14/94	1021	0.12	3.7	0.10	1.4	0.01	0.1	2.7	75					0.08	34.575	25.4			
Geomean	FY '94		3.3		2.4		1.3								0.10					
O1-2S-23n	9/15/94	1036	0.10	3.1	0.14	2.0	0.14	2.0	3.8	106					0.12	34.596	27.7			
O1-2S-23n	11/16/94	932	0.16	5.0	0.50	7.0	0.52	7.3	6.1	170					0.07	34.490	26.1			
O1-2S-23n	3/21/95	1203	0.27	8.4	0.13	1.8	0.16	2.2	3.4	94					0.09	34.210	25.0			
O1-2S-23n	6/26/95	948	0.14	4.3	0.98	13.7	0.58	8.1	8.5	239					0.07	34.384	26.7			
Geomean	FY '95		4.9		4.3		4.0								0.09					
O1-2S-23n	9/25/95	900	0.12	3.7	0.54	7.6	0.22	3.1	7.5	210					0.14	34.373	27.1			
O1-2S-23n	11/13/95	1147	0.17	5.3	0.92	12.9	0.53	7.4	13.3	373					0.07	34.039	27.0			
O1-2S-23n	3/11/96	932	0.13	4.0	0.28	3.9	0.31	4.3	2.4	69					0.07	34.210	25.0			
O1-2S-23n	5/13/96	856	0.12	3.7	0.42	5.9	0.19	2.7	6.9	193					0.07	34.162	26.5			
Geomean	FY '96		4.1		6.9		4.0								0.08					
O1-2S-23n	7/30/96	850	0.09	2.8	0.38	5.3	0.11	1.5	4.8	135					0.08	34.420	27.8			
O1-2S-23n	10/1/96	1203	0.08	2.5	0.26	3.6	0.53	7.4	3.9	109					0.09	34.659	28.0			
O1-2S-23n	1/6/97	1211	0.08	2.5	0.08	1.1	0.13	1.8	2.5	70					0.17	34.711	25.5			
O1-2S-23n	4/21/97	1200	0.10	3.1	0.44	6.2	0.23	3.2	2.0	55					0.10	34.556	26.5			
Geomean	FY '97		2.7		3.4		2.9								0.11					
O1-2S-23n	8/18/97	1140	0.10	3.1	0.15	2.1	0.21	2.9	4.4	122					0.09	34.608	26.9			
O1-2S-23n	10/6/97	1159	0.10	3.1	0.16	2.2	0.33	4.6	10.8	304					0.09	34.673	27.4			
O1-2S-23n	3/3/98	1201	0.10	3.1	0.45	6.3	0.23	3.2	5.3	149					0.07	34.955	25.1			
O1-2S-23n	5/4/98	1113	0.18	5.6	1.74	24.4	0.16	2.2	19.0	534					0.09	34.508	23.8			
Geomean	FY '98		3.6		5.2		3.1								0.08					
O1-2S-23n	7/6/98	1214	0.10	3.1	0.16	2.2	0.10	1.4	3.9	110					0.10	35.009	26.5			
O1-2S-23n	10/5/98	1144	0.12	3.7	0.69	9.7	0.15	2.1	6.1	172					0.08	34.977	27.4			
O1-2S-23n	1/13/99	1153	0.10	3.1	0.20	2.8	0.14	2.0	4.5	128					0.08	35.038	25.2			
O1-2S-23n	4/12/99	922	0.15	4.6	0.65	9.1	0.08	1.1	8.8	248					0.07	34.553	24.0			
Geomean	FY '99		3.6		4.8		1.6								0.08					

NELHA Water Quality Laboratory

Transect 1, Station 2

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-2S-23r	7/6/99	926	0.10	3.1	0.21	2.9	0.08	1.1	2.6	72					0.10	34.940	25.6			
O1-2S-23r	10/4/99	1016	0.15	4.6	0.63	8.8	0.13	1.8	8.0	225					0.08	34.803	25.9			
O1-2S-23r	1/4/00	1208	0.13	4.0	1.23	17.2	0.38	5.3	11.2	316					0.08	34.866	24.6			
O1-2S-23r	4/17/00	1000	0.14	4.3	0.13	1.8	0.02	0.3	6.4	179					0.06	34.648	24.2			
Geomean FY '00			4.0		5.3		1.3								0.08					
O1-2S-23r	7/24/00	1230	0.12	3.7	0.55	7.7	0.06	0.8	8.0	224					0.08	34.730	27.3			
O1-2S-23r	10/30/00	1247	0.14	4.3	0.29	4.1	0.28	3.9	8.5	239					0.07	34.902	27.2			
O1-2S-23r	2/26/01	1228	0.19	5.9	0.97	13.6	0.19	2.7	13.8	386					0.11	34.425	24.9			
O1-2S-23r	5/7/01	1017	0.13	4.0	0.49	6.9	0.30	4.2	5.2	145					0.07	34.805	24.6			
Geomean FY '01			4.4		7.3		2.5								0.08					
O1-2S-23r	8/21/01	1151	0.15	4.6	0.50	7.0	0.07	1.0	5.1	143					0.09	34.717	26.7			
O1-2S-23r	10/8/01	947	0.11	3.4	0.20	2.8	0.05	0.7	4.6	128					0.07	34.941	27.2			
O1-2S-23r	3/5/02	1101	0.14	4.3	0.42	5.9	0.05	0.7	4.3	121					0.12	34.669	24.3			
O1-2S-23r	4/17/02	1121	0.10	3.1	0.22	3.1	0.24	3.4	4.7	131					0.09	34.457	25.6			
Geomean FY '02			3.8		4.3		1.1								0.09					
O1-2S-23r	7/8/02	1016	0.17	5.3	0.16	2.2	0.17	2.4	4.9	138					0.06	34.613	26.5			
O1-2S-23r	10/9/02	1104	0.07	2.2	0.22	3.1	0.08	1.1	2.7	76					0.06	34.941	27.0			
O1-2S-23r	3/11/03	956	0.11	3.4	1.46	20.4	0.03	0.4	7.7	217					0.09	34.788	24.5			
O1-2S-23r	4/22/03	1056	0.08	2.5	0.45	6.3	0.07	1.0	3.6	101					0.07	34.991	25.2			
Geomean FY '03			3.1		5.5		1.0								0.07					
O1-2S-23r	8/18/03	1116	0.05	1.5	0.10	1.4	0.30	4.2	1.9	53					0.11	34.875	28.0			
O1-2S-23r	10/29/03	1033	0.09	2.8	0.03	0.4	0.18	2.5	2.8	78					0.10	34.85	27.4			
O1-2S-23r	3/11/04	944	0.15	4.6	0.66	9.2	0.15	2.1	3.5	98					n/a	34.275	25.5			
O1-2S-23r	5/20/04	936	0.11	3.4	0.13	1.8	0.21	2.9	2.6	72					n/a	33.54	26.5			
Geomean FY '04			2.9		1.8		2.8								0.10					
O1-2S-23r	9/20/04	931	0.08	2.5	0.08	1.1	0.25	3.5	1.8	49					0.08	33.71	27.7			
O1-2S-23r	11/17/04	902	0.11	3.4	0.45	6.3	0.24	3.4	4.3	122					0.10	33.63	27.1			
O1-2S-23r	1/13/05	1025	0.07	2.2	0.35	4.9	0.06	0.8	3.7	103					0.08	34.840	25.1			
O1-2S-23r	4/11/05	1018	0.21	6.5	2.49	34.9	0.24	3.4	16.9	474					0.08	34.821	25.2			
Geomean FY '05			3.3		5.9		2.4								0.08					

NELHA Water Quality Laboratory

Transect 1, Station 2

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-2S-23rr	7/20/05	1005	0.05	1.5	0.02	0.3	0.12	1.7	1.3	37					0.09	34.739	26.2			
O1-2S-23rr	10/11/05	853	0.05	1.5	0.02	0.3	0.14	2.0	2.3	64					0.15	34.919	26.5			
O1-2S-23rr	3/13/06	937	0.16	5.0	1.43	20.0	0.28	3.9	9.8	274					0.12	34.620	24.4			
O1-2S-23rr	5/15/06	937	0.21	6.5	2.83	39.6	0.33	4.6	25.7	722					0.20	33.990	24.9			
Geomean FY '06			3.0		2.8		2.8								0.13					
O1-2S-23rr	8/14/06	930	0.27	8.4	0.65	9.1	0.33	4.6	6.5	182					0.12	34.504	26.5			
O1-2S-23rr	11/1/06	934	0.13	4.0	0.75	10.5	0.58	8.1	8.2	231					0.18	34.660	26.7			
O1-2S-23rr	2/12/07	958	0.19	5.9	1.53	21.4	0.46	6.4	10.8	303					0.17	34.230	24.5			
O1-2S-23rr	4/9/07	932	0.12	3.7	0.32	4.5	0.23	3.2	4.7	131					0.20	34.649	25.0			
Geomean FY '07			5.2		9.8		5.3								0.16					
T1-10m	9/26/07	907	0.29	9.0	2.71	37.9	0.34	4.7	22.0	619	0.60	18.6	9.5	133	0.12	33.972	26.8	8.10	6.39	0.32
T1-10m	12/13/07	1032	0.07	2.1	0.39	5.5			13.2	370	0.37	11.6	7.0	99	0.19	34.638	25.7	8.32	6.33	0.21
T1-10m	3/10/08	932	0.02	0.7	0.64	8.9	0.06	0.8	12.8	360	0.42	13.1	10.2	143	0.15	34.867	25.0	8.1	6.57	0.25
T1-10m	6/5/08	943	0.10	3.2	0.35	4.9	0.16	2.2	10.3	290	0.28	8.8	9.2	129	0.11	34.8026	25.0	8.08	6.73	0.22
Geomean FY '08			2.6		9.8		2.0				12.6		125		0.14					0.25
T1-10m	9/22/08	1041	0.06	1.9	0.12	1.7	0.04	0.6	2.5	70	0.25	7.7	5.0	70	0.12	34.832	26.6	7.99	6.53	0.06
T1-10m	11/17/08	923	0.17	5.3	0.23	3.2	0.14	1.9	3.3	93	0.36	11.3	4.7	66	0.08	34.951	25.6	8.16	5.30	0.07
T1-10m	2/9/09	918	0.10	3.1	0.10	1.4	0.12	1.7	1.6	46	0.22	6.8	4.9	69	0.18	34.984	24.9	8.06	6.23	0.01
T1-10m	4/13/09	912	0.17	5.2	0.21	2.9	1.25	17.5	2.7	75	0.40	12.5	6.7	94	0.10	34.985	23.9	8.10	6.01	0.04
Geomean FY '09			3.6		2.2		2.4				9.3		74		0.11					0.04
T1-10m	9/9/09	911	0.30	9.3	0.27	3.8	0.10	1.4	13.3	375	0.54	16.7	7.4	104	0.14	35.20	26.6	8.23	5.76	0.04
T1-10m	11/23/09	934	0.03	0.8	0.24	3.4	0.14	1.9	19.1	536	0.34	10.4	6.8	95	0.08	35.19	25.3	8.27	6.13	0.2
T1-10m	2/23/10	942	0.17	5.4	0.43	6	0.40	5.6	31.5	886	0.35	10.9	4.9	69	0.09	35.04	24.6	8.21	6.23	0.32
T1-10m	5/25/10	1100	0.04	1.2	0.12	1.7	0.12	1.7	14.6	411	0.36	11.2	5.2	73	0.07	34.97	25.1	8.23	7.02	0.09
Geomean FY '10			2.6		3.4		2.2				12.1		84		0.09					0.12
T1-10m	8/10/10	942	0.04	1.2	0.58	8.1	0.06	0.9	4.8	135	0.29	9	3.3	46	0.08	34.84	25.97	8.25	6.41	0.07
T1-10m	11/8/10	931	0.01	0.3	0.17	2.4	0.14	2.0	2.3	65	0.35	10.7	3.4	48	0.04	35.26	26.42	8.25	6.15	0.05
T1-10m	1/11/11	940	0.13	3.9	0.22	3.1	0.01	0.1	4.4	123	0.42	12.9	3.6	51	0.09	35.01	24.98	8.21	6.41	0.09
T1-10m	4/26/11	940	0.14	4.4	0.44	6.2	0.07	1.0	8.3	234	0.45	14	3.9	55	0.09	34.94	25.03	8.21	6.53	0.12
Geomean FY '11			1.6		4.4		0.7				11.5		50		0.07					0.08

NELHA Water Quality Laboratory

Transect 1, Station 2

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SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-10m	7/26/11	952	0.19	5.9	0.35	4.9	0.12	1.7	2.3	66	0.47	14.6	5.0	70	0.08	34.78	25.87	8.24	6.46	0.10
T1-10m	10/18/11	930	0.04	1.2	0.29	4.1	0.29	4	2.7	76	0.30	9.3	5.1	72	0.07	35.04	26.50	8.20	6.59	0.10
T1-10m	1/25/12	953	0.11	3.4	0.36	5.1	0.16	2.2	4.4	124	0.43	13.3	5.6	79	0.10	34.95	24.64	8.19	6.84	0.06
T1-10m	4/24/12	1019	0.15	4.5	0.45	6.3	0.24	3.4	4.4	122	0.41	12.8	4.2	59	0.08	35.06	24.70	8.23	6.63	0.20
Geomean FY '12			3.2		5.0		2.7				12.3		70		0.08					0.10
T1-10m	7/24/12	935	0.04	1.1	0.64	9	0.48	6.7	1.5	41	0.36	11	11.0	155	0.06	35.00	26.33	8.23	6.86	0.03
T1-10m	11/27/12	936	0.12	3.6	1.20	16.8	0.32	4.5	8.6	242	0.44	13.5	6.2	87	0.08	35.04	25.03	8.20	6.82	0.30
T1-10m	1/24/13	942	0.08	2.5	0.18	2.5	0.17	2.4	1.5	43	0.44	13.5	6.5	91	0.07	35.02	24.65	8.20	6.27	0.13
T1-10m	4/16/13	944	0.15	4.6	0.38	5.3	0.17	2.4	1.0	28	0.48	15	6.9	97	0.03	35.16	24.85	8.21	7.00	0.06
Geomean FY '13			2.6		6.7		3.6				13.2		104		0.06					0.09
T1-10m	8/1/13	854	0.04	1.3	0.24	3.3	0.06	0.9	4.6	129	0.39	12.2	5.6	79	0.07	35.00	26.1	8.26	6.79	0.11
T1-10m	10/29/13	931	0.14	4.3	0.34	4.8	0.35	4.9	2.5	69	0.43	13.2	6.0	84	0.07	35.28	27.0	8.24	6.19	0.16
T1-10m	2/4/14	932	0.13	4.0	0.41	5.8	0.64	8.9	3.0	83	0.39	12.1	5.7	80	0.02	34.92	25.2	8.22	6.35	0.16
T1-10m	5/6/14	929	0.16	5.0	0.50	7.0	0.47	6.6	3.6	103	0.46	14.1	5.9	83	0.05	34.69	25.8	8.21	6.54	0.07
Geomean FY '14			3.3		5.0		4.0				12.9		81		0.05					0.12
T1-10m	8/5/14	946	0.21	6.5	0.26	3.7	0.37	5.2	2.1	59	0.55	17.0	5.3	74	0.14	34.96	26.8	8.21	5.99	0.16
T1-10m	11/17/14	1123	0.17	5.2	0.16	2.2	0.32	4.5	0.1	2	0.43	13.2	6.0	84	0.04	35.02	27.1	8.21	7.02	0.19
T1-10m	3/3/15	935	0.05	1.4	0.56	7.8	0.19	2.7	2.7	76	0.32	9.8	7.6	106	0.04	34.80	25.5	8.16	6.78	0.18
T1-10m	6/16/15	1041	0.13	4.1	1.09	15.2	0.13	1.8	6.9	193	0.41	12.7	5.9	82	0.06	33.97	26.5	8.21	6.07	0.25
Geomean FY '15			3.7		5.6		3.3				12.9		86		0.06					0.19
T1-10m	8/26/15	1144	0.13	3.9	0.26	3.7	0.31	4.4	7.3	205	0.13	4.1	5.4	76	0.04	34.49	28.4	8.21	6.08	0.32
T1-10m	11/17/15	943	0.15	4.5	0.43	6.0	0.07	1.0	5.8	162	0.56	17.3	6.3	89	0.06	33.86	27.4	8.22	6.17	0.15
T1-10m	3/1/16	944	0.15	4.5	0.13	1.8	0.33	4.6	0.1	2	0.48	14.9	5.6	79	0.07	34.77	25.4	8.24	5.71	0.08
T1-10m	5/3/16	921	0.15	4.7	0.80	11.2	0.21	2.9	4.1	115	0.34	10.6	5.8	81	0.08	34.56	25.5	8.27	6.22	0.25
Geomean FY '16			4.4		4.6		2.8				10.3		81		0.06					0.18
T1-10m	7/6/16	953	0.13	3.9	0.14	2.0	0.39	5.4	3.1	87	0.57	17.7	5.3	74	0.09	34.49	26.8	8.25	6.78	0.23
T1-10m	12/20/16	948	0.08	2.4	0.39	5.4	0.05	0.7	1.9	54	0.33	10.3	3.3	47	0.04	34.69	25.6	8.23	5.47	0.21
T1-10m	2/28/17	853	0.00	0.1	0.06	0.9	0.04	0.5	0.0	0	0.28	8.6	3.5	49	0.12	34.69	24.7	8.21	9.04	0.08
T1-10m	5/9/17	1009	0.01	0.2	0.64	9.0	0.08	1.1	3.8	106	0.25	7.8	3.5	49	0.15	34.58	25.8	8.20	4.83	0.08
Geomean FY '17			0.7		3.1		1.2				10.5		54		0.09					0.13

NELHA Water Quality Laboratory

Transect 1, Station 2

7/27/93 - 7/10/2025

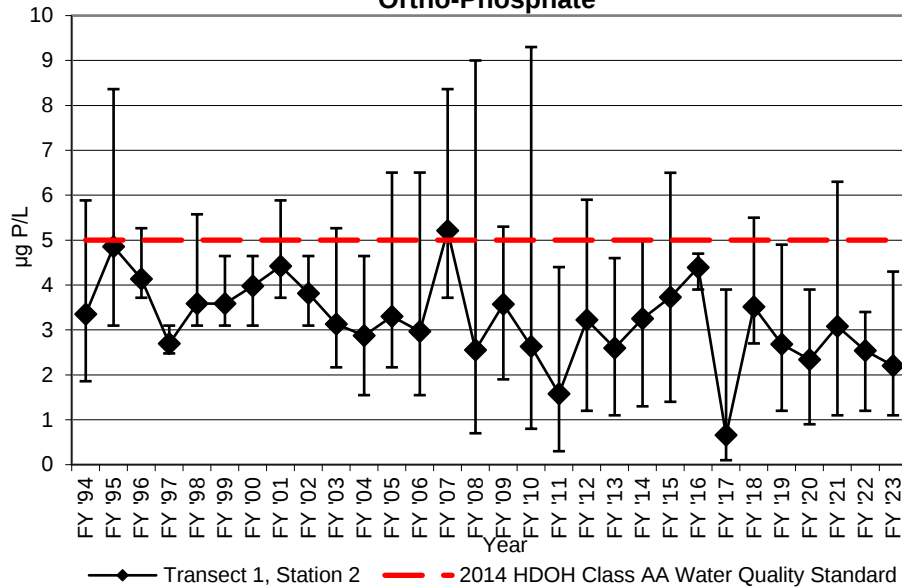
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-10m	9/27/17	944	0.18	5.5	0.30	4.2	0.27	3.8	1.4	39	0.44	13.7	3.5	50	0.09	34.75	27.8	8.20	4.46	0.22
T1-10m	11/28/17	1033	0.12	3.8	0.56	7.8	0.36	5.1	3.9	109	0.41	12.6	5.2	72	0.10	35.01	26.1	8.16	4.90	0.20
T1-10m	1/30/18	1014	0.09	2.7	0.10	1.4	0.15	2.1	1.7	47	0.33	10.1	2.1	30	0.09	34.83	24.6	8.16	5.42	0.21
T1-10m	5/16/18	1016	0.09	2.7	0.18	2.5	0.19	2.7	3.2	90	0.36	11.0	3.3	46	0.02	34.75	25.5	8.16	6.05	0.17
Geomean FY '18			3.5		3.3		3.2				11.8		47		0.06					0.20
T1-10m	9/24/18	936	0.07	2.1	0.16	2.3	0.32	4.5	3.2	91	0.38	11.8	3.2	44	0.10	34.64	27.7	8.18	5.29	0.16
T1-10m	11/13/18	1024	0.04	1.2	0.38	5.3	0.36	5.0	0.3	9	0.36	11.2	4.0	57	0.09	35.00	27.3	8.19	4.67	0.20
T1-10m	1/22/19	1013	0.16	4.9	0.91	12.8	0.08	1.1	6.2	175	0.43	13.4	3.4	47	0.08	34.78	24.9	8.23	5.88	0.26
T1-10m	4/16/19	1006	0.14	4.2	0.27	3.8	0.25	3.5	2.1	58	0.40	12.3	4.4	62	0.05	35.65	25.7	8.10	7.27	0.09
Geomean FY '19			2.7		4.9		3.1				12.1		52		0.08					0.17
T1-10m	8/13/19	1144	0.03	0.9	0.16	2.3	0.30	4.2	1.1	31	0.28	8.8	1.9	26	0.09	35.70	28.3	8.21	6.52	0.22
T1-10m	11/19/19	1143	0.12	3.7	0.17	2.4	0.49	6.8	0.9	25	0.38	11.8	2.6	36	0.13	34.84	27.6	8.24	6.70	0.16
T1-10m	1/22/20	937	0.13	3.9	0.16	2.3	0.09	1.3	1.8	52	0.39	12.0	2.9	40	0.09	34.92	25.1	8.22	6.65	0.14
T1-10m	6/24/20	1014	0.07	2.3	0.16	2.3	0.14	1.9	1.3	37	0.34	10.5	2.1	30	0.06	35.33	25.8	8.16	6.97	0.29
Geomean FY '20			2.3		2.3		2.9				10.7		33		0.09					0.19
T1-10m	9/22/20	1119	0.20	6.3	1.20	16.8	0.46	6.4	6.9	193	0.31	9.6	6.7	94	0.05	35.60	26.3	8.15	5.11	0.26
T1-10m	12/15/20	1054	0.15	4.8	0.50	7.0	0.31	4.4	2.6	72	0.29	8.9	5.6	78	0.06	35.76	26.7	8.12	6.78	0.22
T1-10m	3/9/21	1119	0.09	2.7	0.18	2.5	0.33	4.6	3.8	107	0.10	3.0	4.9	68	0.08	35.65	24.6	8.11	6.80	0.26
T1-10m	5/26/21	1023	0.04	1.1	0.43	6.0	0.19	2.7	1.1	32	0.20	6.2	5.1	71	0.07	35.61	25.4	8.02	6.93	0.14
Geomean FY '21			3.1		6.5		4.3				6.3		77		0.06					0.21
T1-10m	9/22/21	935	0.04	1.2	0.30	4.2	0.14	2.0	1.3	38	0.22	6.7	4.5	64	0.07	35.52	26.3	7.98	6.79	0.17
T1-10m	12/14/21	932	0.11	3.4	0.03	0.4	0.11	1.6	0.2	5	0.27	8.4	4.5	63	0.05	35.12	25.9	8.13	6.66	0.14
T1-10m	3/15/22	913	0.11	3.3	0.38	5.3	0.01	0.1	2.6	72	0.29	8.9	4.6	64	0.08	34.83	25.3	8.09	6.78	0.22
T1-10m	6/8/22	914	0.10	3.1	0.21	2.9	0.25	3.5	1.2	35	0.25	7.6	4.6	64	0.12	34.48	26.2	8.06	6.60	0.24
Geomean FY '22			2.5		2.3		1.0				7.9		64		0.08					0.19
T1-10m	9/21/22	851	0.06	2.0	0.39	5.5	0.16	2.3	2.2	61	0.74	23.0	5.7	79	0.12	34.88	27.0	8.10	6.69	0.19
T1-10m	12/27/22	923	0.08	2.5	0.20	2.8	0.04	0.5	0.8	22	0.06	1.8	4.9	68	0.10	34.94	25.7	8.09	6.65	0.25
T1-10m	3/15/23	908	0.14	4.3	0.75	10.5	0.19	2.7	3.9	109	0.24	7.3	5.4	76	0.17	34.67	24.3	8.06	6.88	0.29
T1-10m	5/31/23	913	0.04	1.1	0.27	3.8	0.09	1.3	1.1	30	0.20	6.1	4.3	60	0.14	34.73	25.7	8.02	6.88	0.16
Geomean FY '23			2.2		5.0		1.4				6.6		70		0.13					0.22

NELHA Water Quality Laboratory

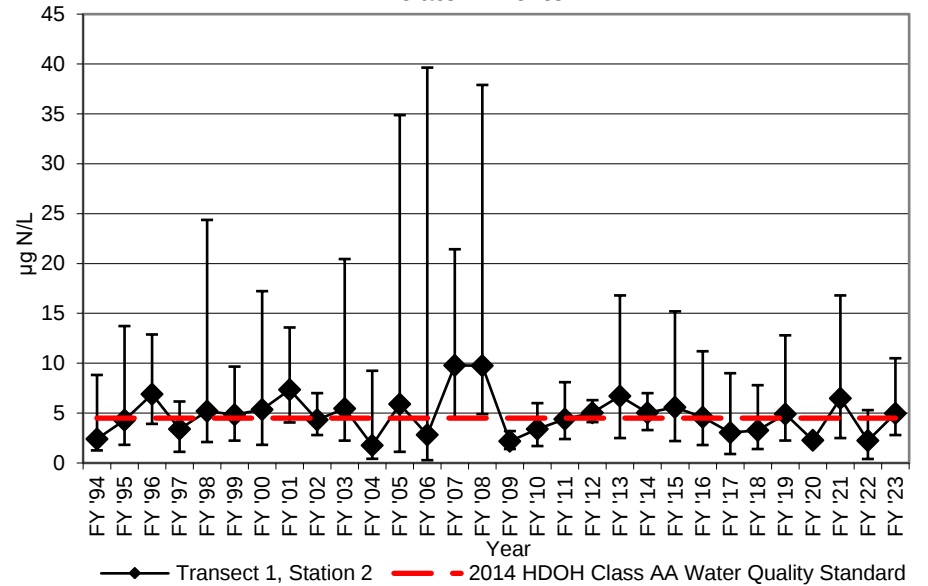
Transect 1, Station 2

7/27/93 - 7/10/2025

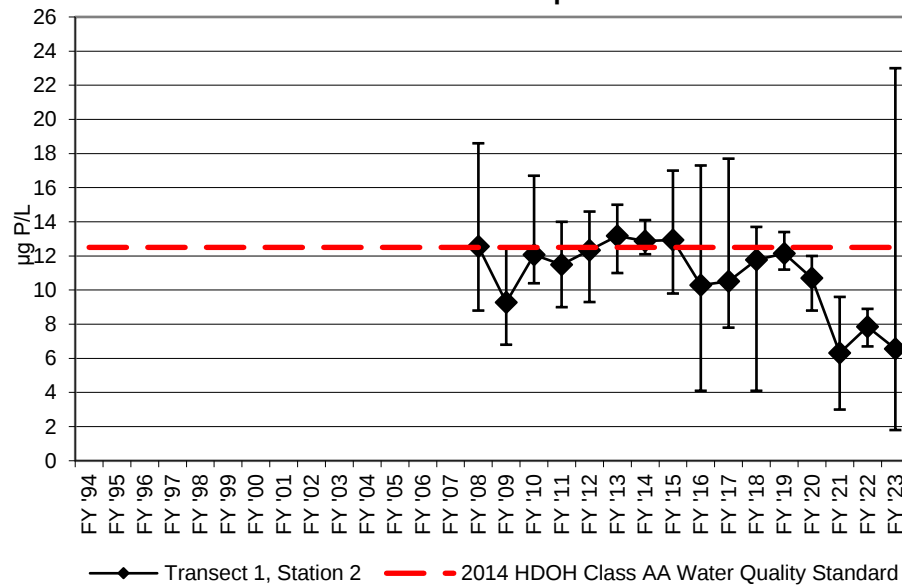
**Yearly Geometric Mean
Ortho-Phosphate**



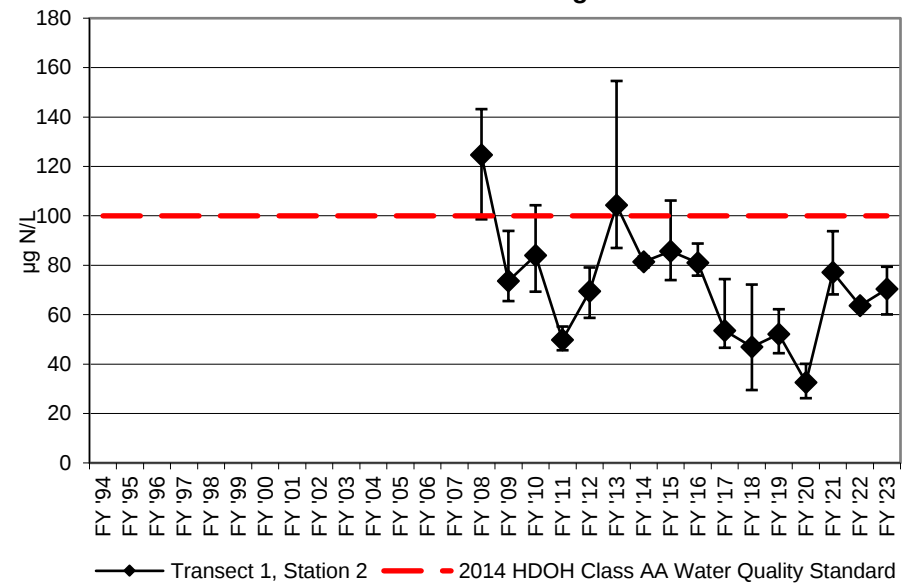
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

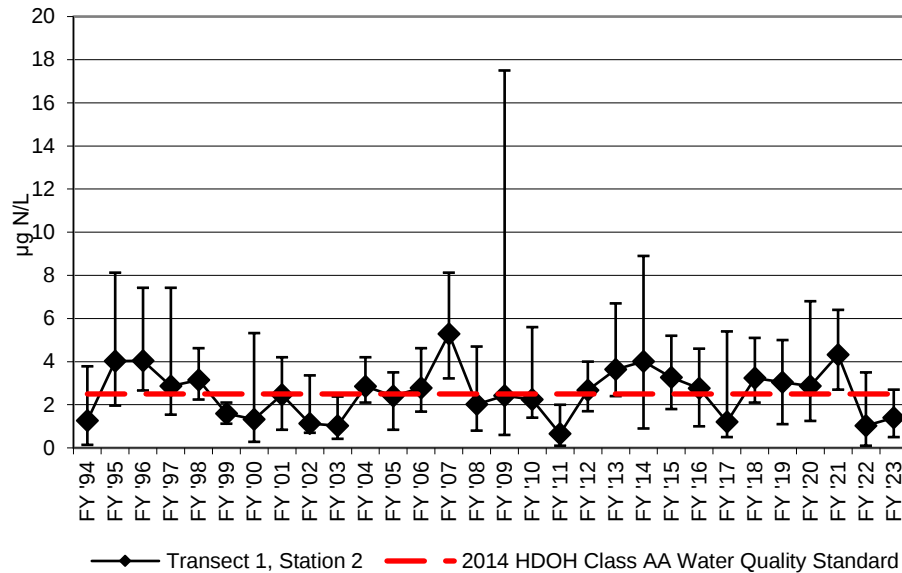


NELHA Water Quality Laboratory

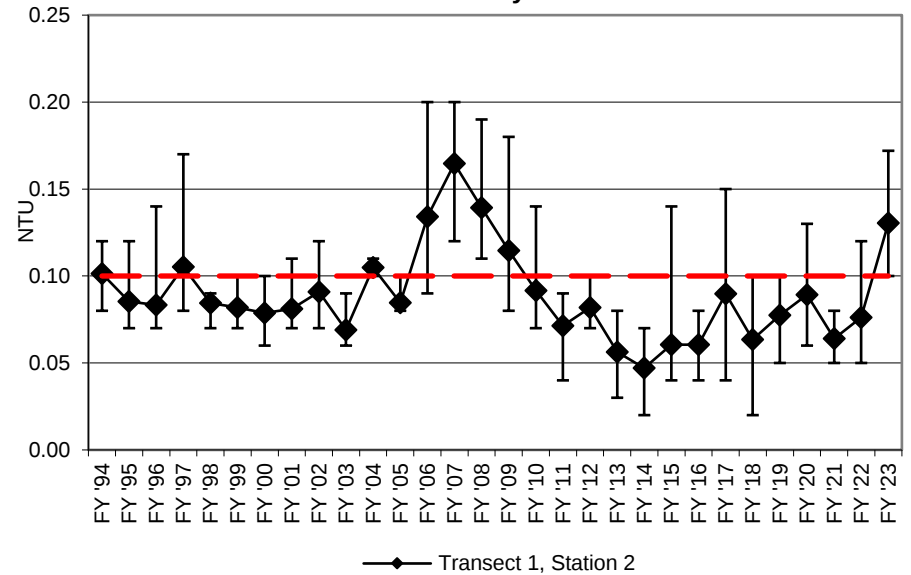
Transect 1, Station 2

7/27/93 - 7/10/2025

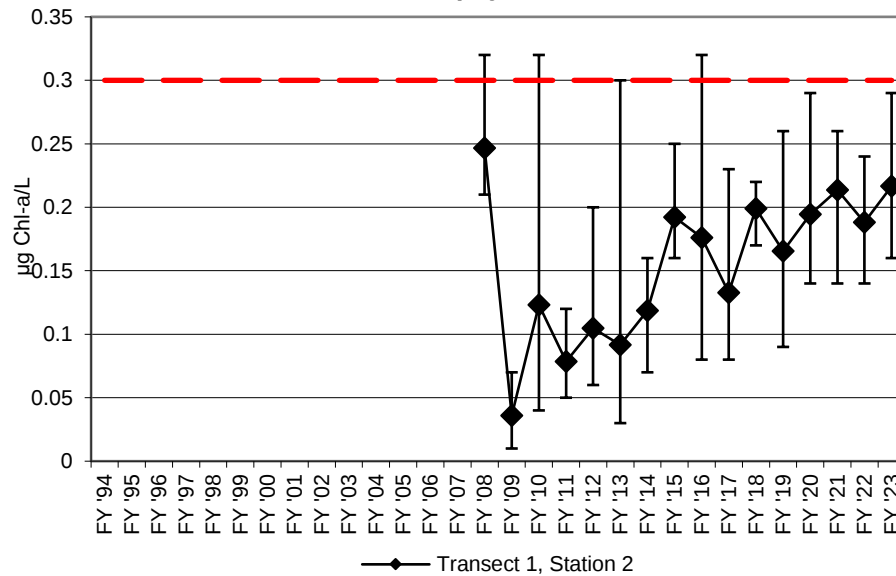
**Yearly Geometric Mean
Total Ammonia**



**Yearly Geometric Mean
Turbidity**



**Yearly Geometric Mean
Chlorophyll-a**



NELHA Water Quality Laboratory

Transect 1, Station 3

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-3S-38n	7/27/93	1149	0.06	1.9	0.05	0.7	0.18	2.5	1.8	51					0.10	34.500	26.6			
O1-3S-38n	12/7/93	1048	0.06	1.9	0.11	1.5	0.10	1.4	2.5	71					0.07	34.822	25.8			
O1-3S-38n	3/16/94	1026	0.19	5.9	0.86	12.0	0.20	2.8	11.5	323					0.12	34.244	24.7			
O1-3S-38n	6/14/94	1014	0.11	3.4	0.05	0.7	0.01	0.1	2.4	68					0.08	34.584	25.4			
Geomean FY '94			2.9		1.7		1.1								0.09					
O1-3S-38n	9/15/94	1032	0.10	3.1	0.46	6.4	0.14	2.0	7.6	213					0.08	34.450	27.7			
O1-3S-38n	11/16/94	929	0.14	4.3	0.25	3.5	0.50	7.0	3.2	90					0.07	34.574	26.0			
O1-3S-38n	3/21/95	1154	0.18	5.6	0.08	1.1	0.12	1.7	3.3	93					0.08	34.220	25.0			
O1-3S-38n	6/26/95	947	0.15	4.6	0.80	11.2	0.55	7.7	10.2	285					0.07	34.324	26.8			
Geomean FY '95			4.3		4.1		3.7								0.07					
O1-3S-38n	9/25/95	850	0.18	5.6	0.57	8.0	0.28	3.9	5.9	165					0.09	34.358	27.1			
O1-3S-38n	11/13/95	1144	0.11	3.4	0.07	1.0	0.45	6.3	1.5	43					0.07	34.364	27.0			
O1-3S-38n	3/11/96	926	0.13	4.0	0.43	6.0	0.39	5.5	4.3	120					0.07	34.147	25.1			
O1-3S-38n	5/13/96	851	0.11	3.4	0.50	7.0	0.19	2.7	8.1	227					0.06	34.136	26.5			
Geomean FY '96			4.0		4.3		4.4								0.07					
O1-3S-38n	7/30/96	845	0.09	2.8	0.45	6.3	0.12	1.7	5.6	156					0.08	34.395	27.8			
O1-3S-38n	10/1/96	1158	0.06	1.9	0.37	5.2	0.50	7.0	5.0	140					0.08	34.622	27.9			
O1-3S-38n	1/6/97	1204	0.08	2.5	0.07	1.0	0.13	1.8	2.5	69					0.08	34.708	25.6			
O1-3S-38n	4/21/97	1152	0.09	2.8	0.38	5.3	0.24	3.4	2.8	78					0.12	34.561	26.6			
Geomean FY '97			2.4		3.6		2.9								0.09					
O1-3S-38n	8/18/97	1135	0.14	4.3	1.48	20.7	0.23	3.2	19.2	539					0.11	34.162	27.0			
O1-3S-38n	10/6/97	1156	0.10	3.1	0.20	2.8	0.34	4.8	5.5	155					0.08	34.673	27.4			
O1-3S-38n	3/3/98	1157	0.09	2.8	0.53	7.4	0.24	3.4	5.9	166					0.06	34.937	25.1			
O1-3S-38n	5/4/98	1108	0.20	6.2	2.07	29.0	0.26	3.6	22.1	621					0.10	34.403	23.8			
Geomean FY '98			3.9		10.6		3.7								0.09					
O1-3S-38n	7/6/98	1209	0.09	2.8	0.13	1.8	0.08	1.1	3.9	108					0.08	35.011	26.4			
O1-3S-38n	10/5/98	1139	0.10	3.1	0.38	5.3	0.16	2.2	4.9	136					0.09	35.033	27.3			
O1-3S-38n	1/13/99	1148	0.10	3.1	0.53	7.4	0.11	1.5	7.0	197					0.10	34.961	25.2			
O1-3S-38n	4/12/99	917	0.16	5.0	0.77	10.8	0.08	1.1	17.0	477					0.08	34.511	24.0			
Geomean FY '99			3.4		5.3		1.4								0.09					

NELHA Water Quality Laboratory

Transect 1, Station 3

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-3S-38r	7/6/99	920	0.10	3.1	0.19	2.7	0.05	0.7	2.5	71					0.12	34.943	25.6			
O1-3S-38r	10/4/99	1011	0.15	4.6	0.63	8.8	0.15	2.1	7.7	217					0.08	34.828	25.9			
O1-3S-38r	1/4/00	1204	0.15	4.6	1.49	20.9	0.40	5.6	12.3	345					0.11	34.810	24.6			
O1-3S-38r	4/17/00	955	0.14	4.3	0.21	2.9	0.01	0.1	3.8	106					0.08	34.611	24.2			
Geomean FY '00			4.1		6.2		1.0								0.10					
O1-3S-38r	7/24/00	1228	0.13	4.0	0.59	8.3	0.06	0.8	7.8	219					0.07	34.735	27.3			
O1-3S-38r	10/30/00	1240	0.14	4.3	0.43	6.0	0.28	3.9	9.3	260					0.11	34.898	27.1			
O1-3S-38r	2/26/01	1223	0.24	7.4	1.68	23.5	0.17	2.4	25.5	717					0.13	34.052	25.0			
O1-3S-38r	5/7/01	1014	0.14	4.3	0.54	7.6	0.31	4.3	5.5	154					0.06	34.796	24.6			
Geomean FY '01			4.9		9.7		2.4								0.09					
O1-3S-38r	8/21/01	1142	0.15	4.6	0.44	6.2	0.02	0.3	6.6	185					0.10	34.741	26.7			
O1-3S-38r	10/8/01	940	0.10	3.1	0.18	2.5	0.06	0.8	7.8	220					0.07	34.940	27.2			
O1-3S-38r	3/5/02	1058	0.14	4.3	0.32	4.5	0.04	0.6	6.3	178					0.08	34.734	24.2			
O1-3S-38r	4/17/02	1118	0.14	4.3	0.50	7.0	0.26	3.6	4.7	131					0.06	34.436	25.7			
Geomean FY '02			4.1		4.7		0.8								0.08					
O1-3S-38r	7/8/02	1007	0.19	5.9	0.05	0.7	0.11	1.5	15.8	442					0.08	34.636	26.5			
O1-3S-38r	10/9/02	1100	0.06	1.9	0.36	5.0	0.04	0.6	4.7	132					0.08	34.920	27.0			
O1-3S-38r	3/11/03	949	0.13	4.0	0.67	9.4	0.03	0.4	5.8	163					0.16	34.844	24.5			
O1-3S-38r	4/22/03	1054	0.07	2.2	0.24	3.4	0.06	0.8	3.1	87					0.07	35.009	25.2			
Geomean FY '03			3.1		3.2		0.7								0.09					
O1-3S-38r	8/18/03	1106	0.06	1.9	0.08	1.1	0.25	3.5	2.4	69					0.14	34.855	27.5			
O1-3S-38r	10/29/03	1024	0.06	1.9	0.01	0.1	0.18	2.5	2.3	65					0.10	34.903	27.5			
O1-3S-38r	3/11/04	938	0.15	4.6	0.79	11.1	0.09	1.3	3.9	110					n/a	34.266	25.6			
O1-3S-38r	5/20/04	943	0.12	3.7	0.07	1.0	0.18	2.5	3.1	87					n/a	33.47	26.6			
Geomean FY '04			2.8		1.1		2.3								0.12					
O1-3S-38r	9/20/04	923	0.09	2.8	0.07	1.0	0.21	2.9	2.0	56					0.09	33.75	27.8			
O1-3S-38r	11/17/04	856	0.11	3.4	0.32	4.5	0.18	2.5	2.8	79					0.09	33.58	27.1			
O1-3S-38r	1/13/05	1020	0.07	2.2	0.37	5.2	0.06	0.8	3.8	107					0.08	34.858	25.5			
O1-3S-38r	4/11/05	1009	0.18	5.6	1.95	27.3	0.23	3.2	13.4	377					0.09	34.147	25.1			
Geomean FY '05			3.3		5.0		2.1								0.09					

NELHA Water Quality Laboratory

Transect 1, Station 3

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-3S-38r	7/20/05	958	0.06	1.9	0.02	0.3	0.21	2.9	1.6	45					0.08	34.731	26.4			
O1-3S-38r	10/11/05	846	0.04	1.2	0.01	0.1	0.14	2.0	2.1	59					0.12	34.907	26.5			
O1-3S-38r	3/13/06	930	0.11	3.4	0.27	3.8	0.28	3.9	3.0	85					0.09	34.729	24.5			
O1-3S-38r	5/15/06	931	0.18	5.6	2.20	30.8	0.11	1.5	24.8	697					0.08	34.045	24.7			
Geomean FY '06			2.6		1.5		2.4								0.09					
O1-3S-38r	8/14/06	924	0.14	4.3	0.39	5.5	0.15	2.1	3.8	108					0.14	34.706	26.5			
O1-3S-38r	11/1/06	928	0.10	3.1	0.36	5.0	0.46	6.4	5.0	140					0.24	34.753	26.7			
O1-3S-38r	2/12/07	950	0.15	4.6	0.86	12.0	0.39	5.5	6.9	193					0.21	34.424	24.5			
O1-3S-38r	4/9/07	925	0.12	3.7	0.47	6.6	0.30	4.2	5.4	152					0.17	34.629	25.3			
Geomean FY '07			3.9		6.8		4.2								0.19					
T1-50m	9/26/07	919	0.21	6.6	1.05	14.7	0.34	4.8	10.4	292	0.42	13.0	6.2	87	0.09	34.680	26.8	8.09	6.32	0.12
T1-50m	12/13/07	1036	0.11	3.4	0.67	9.4			5.8	162	0.41	12.7	7.1	99	0.12	34.503	25.7	8.31	6.28	0.25
T1-50m	3/10/08	938	0.05	1.7	0.64	9.0	0.06	0.8	5.2	147	0.43	13.3	8.7	123	0.10	34.787	25.0	8.1	6.50	0.2
T1-50m	6/5/08	946	0.09	2.8	0.29	4.1	0.16	2.2	18.6	522	0.26	8.1	8.2	116	0.08	34.8034	25.0	8.08	6.78	0.29
Geomean FY '08			3.2		8.5		2.0				11.5		105		0.10					0.20
T1-50m	9/22/08	1047	0.06	1.8	0.17	2.4	0.07	1	2.6	72	0.25	7.7	5.0	70	0.07	34.805	26.6	8.01	6.33	0.1
T1-50m	11/17/08	927	0.16	5.1	0.40	5.6	0.14	1.9	3.6	102	0.37	11.5	6.1	86	0.33	34.905	25.6	8.20	6.17	0.08
T1-50m	2/9/09	924	0.09	2.8	0.10	1.4	0.12	1.7	1.1	32	0.16	4.9	5.7	80	0.11	35.049	24.9	8.07	6.20	0.01
T1-50m	4/13/09	916	0.22	6.7	0.15	2.1	0.24	3.4	2.8	79	0.51	15.9	6.5	91	0.14	34.983	23.9	8.13	5.79	0.04
Geomean FY '09			3.6		2.5		1.8				9.1		81		0.14					0.04
T1-50m	9/9/09	919	0.17	5.3	0.50	7	0.04	0.5	8.1	226	0.56	17.4	7.1	99	0.11	35.15	26.8	8.22	5.54	0.16
T1-50m	11/23/09	938	0.03	0.8	0.22	3.1	0.14	1.9	9.7	273	0.37	11.6	5.2	74	0.06	35.16	25.3	8.29	6.11	0.17
T1-50m	2/23/10	945	0.17	5.2	0.39	5.4	0.49	6.9	17.6	495	0.38	11.8	4.5	63	0.06	35.03	24.6	8.20	6.22	0.2
T1-50m	5/25/10	1104	0.02	0.7	0.06	0.8	0.05	0.7	13.7	386	0.29	9	3.2	45	0.08	35.00	24.9	8.22	6.85	0.1
Geomean FY '10			2.0		3.1		1.5				12.1		68		0.08					0.15
T1-50m	8/10/10	945	0.05	1.5	0.86	12	0.05	0.7	6.2	173	0.29	9.1	3.4	48	0.04	34.31	25.95	8.24	6.38	0.12
T1-50m	11/8/10	934	0.02	0.5	0.14	2	0.12	1.7	3.5	98	0.41	12.6	4.0	56	0.03	35.25	26.42	8.25	6.13	0.08
T1-50m	1/11/11	945	0.14	4.3	0.54	7.5	0.06	0.9	3.7	104	0.51	15.7	4.5	64	0.06	35.02	24.97	8.20	6.46	0.09
T1-50m	4/26/11	945	0.14	4.4	0.53	7.4	0.05	0.7	3.3	94	0.47	14.6	3.8	53	0.06	34.95	25.02	8.21	6.50	0.20
Geomean FY '11			1.9		6.0		0.9				12.7		55		0.05					0.11

NELHA Water Quality Laboratory

Transect 1, Station 3

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-50m	7/26/11	957	0.19	5.9	0.33	4.6	0.13	1.8	2.4	69	0.48	15	4.4	62	0.04	34.80	25.98	8.25	6.39	0.06
T1-50m	10/18/11	935	0.04	1.3	0.29	4	0.26	3.6	2.6	72	0.31	9.6	4.8	68	0.10	35.03	26.52	8.20	6.57	0.12
T1-50m	1/25/12	958	0.10	3.1	0.30	4.2	0.11	1.6	3.6	100	0.44	13.7	5.7	80	0.05	34.98	24.66	8.18	6.57	0.12
T1-50m	4/24/12	1026	0.12	3.7	0.26	3.7	0.23	3.2	3.1	88	0.39	12.1	3.8	53	0.12	35.07	24.75	8.21	6.66	0.24
Geomean FY '12			3.1		4.1		2.4				12.4		65		0.07					0.12
T1-50m	7/24/12	943	0.04	1.2	0.49	6.9	0.35	4.9	2.3	64	0.34	10.6	5.0	71	0.07	35.07	26.31	8.22	6.42	0.03
T1-50m	11/27/12	940	0.12	3.7	1.10	15.4	0.45	6.3	8.6	241	0.35	10.8	4.1	58	0.05	35.05	25.05	8.20	6.72	0.28
T1-50m	1/24/13	946	0.07	2.1	0.01	0.1	0.21	2.9	0.9	26	0.41	12.6	4.8	68	0.03	35.04	24.70	8.20	6.25	0.10
T1-50m	4/16/13	950	0.15	4.5	0.46	6.5	0.11	1.6	2.1	58	0.47	14.5	5.8	81	0.02	35.14	24.92	8.21	6.83	0.06
Geomean FY '13			2.5		2.9		3.5				12.0		69		0.04					0.08
T1-50m	8/1/13	859	0.04	1.3	0.30	4.2	0.07	1.0	5.3	149	0.41	12.6	4.9	68	0.08	35.07	26.1	8.25	6.63	0.18
T1-50m	10/29/13	935	0.16	5.1	0.21	2.9	0.34	4.8	1.9	52	0.43	13.2	6.1	86	0.02	35.29	27.1	8.22	6.06	0.21
T1-50m	2/4/14	936	0.10	3.2	0.40	5.6	0.38	5.3	3.6	102	0.43	13.3	8.6	121	0.02	34.89	25.2	8.21	6.30	0.17
T1-50m	5/6/14	933	0.16	5.0	0.59	8.3	0.56	7.8	3.5	100	0.45	13.8	6.3	88	0.06	34.71	25.8	8.22	6.36	0.16
Geomean FY '14			3.2		4.9		3.8				13.2		89		0.04					0.18
T1-50m	8/5/14	949	0.19	5.9	0.37	5.2	0.32	4.5	2.4	67	0.55	17.1	5.5	77	0.10	34.95	26.8	8.21	6.07	0.15
T1-50m	11/17/14	1127	0.15	4.8	0.16	2.2	0.29	4.1	0.4	10	0.43	13.2	6.1	86	0.10	35.02	27.1	8.21	6.79	0.20
T1-50m	3/3/15	941	0.04	1.2	0.51	7.2	0.08	1.1	2.6	74	0.33	10.1	7.6	106	0.06	34.80	25.5	8.13	6.77	0.21
T1-50m	6/16/15	1049	0.13	4.0	0.92	12.9	0.26	3.7	6.4	180	0.44	13.5	6.6	92	0.05	34.13	26.4	8.21	6.01	0.30
Geomean FY '15			3.4		5.7		2.9				13.2		90		0.07					0.21
T1-50m	8/26/15	1152	0.20	6.2	0.26	3.6	0.27	3.8	4.3	121	0.35	10.9	6.9	96	0.04	34.51	28.4	8.21	6.10	0.36
T1-50m	11/17/15	950	0.13	4.0	0.44	6.2	0.22	3.1	3.8	107	0.52	16.0	5.6	78	0.07	33.90	27.3	8.26	6.12	0.13
T1-50m	3/1/16	952	0.13	3.9	0.19	2.7	2.20	30.8	0.0	1	0.48	14.8	4.1	57	0.08	34.78	25.4	8.26	5.67	0.09
T1-50m	5/3/16	927	0.14	4.3	0.95	13.3	0.18	2.5	4.6	130	0.43	13.2	5.8	81	0.05	34.55	25.5	8.24	6.17	0.27
Geomean FY '16			4.5		5.3		5.5				13.6		77		0.06					0.18
T1-50m	7/6/16	1002	0.12	3.6	0.15	2.1	0.25	3.5	3.5	98	0.51	15.7	5.4	76	0.09	34.48	26.8	8.25	6.60	0.21
T1-50m	12/20/16	956	0.07	2.3	0.69	9.6	0.24	3.3	3.3	93	0.35	10.9	3.9	55	0.03	34.68	25.6	8.24	5.52	0.31
T1-50m	2/28/17	859	0.01	0.2	0.04	0.6	0.02	0.3	0.1	2	0.27	8.4	3.1	43	0.11	34.70	24.7	8.22	7.20	0.10
T1-50m	5/9/17	1016	0.01	0.2	0.74	10.4	0.04	0.5	4.7	131	0.26	7.9	4.6	64	0.14	34.54	25.8	8.22	4.77	0.13
Geomean FY '17			0.8		3.3		1.1				10.3		58		0.08					0.17

NELHA Water Quality Laboratory

Transect 1, Station 3

7/27/93 - 7/10/2025

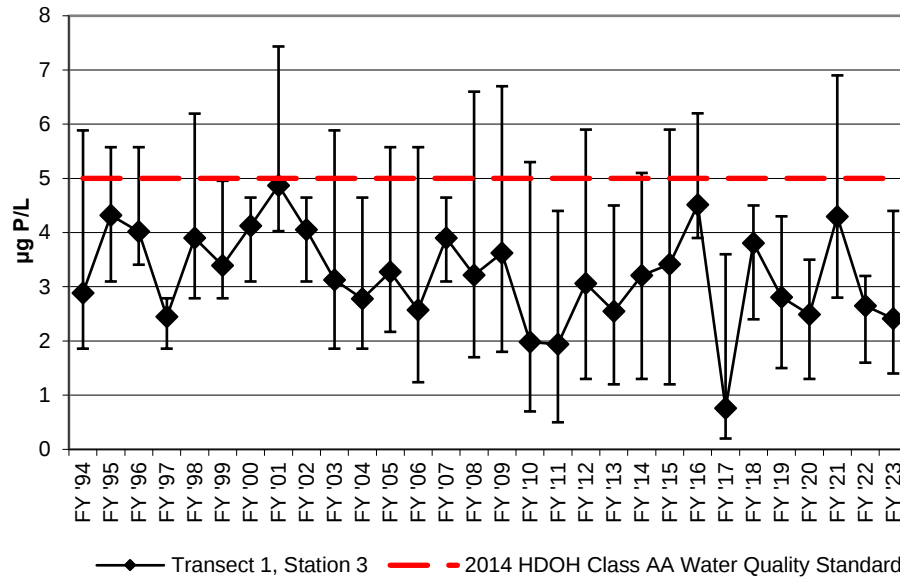
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-50m	9/27/17	949	0.14	4.4	0.26	3.7	0.21	2.9	1.4	39	0.39	12.2	3.3	47	0.08	34.74	27.7	8.20	4.35	0.20
T1-50m	11/28/17	1041	0.14	4.4	0.99	13.8	0.36	5.0	5.5	153	0.41	12.6	3.3	47	0.10	34.96	26.1	8.16	4.84	0.21
T1-50m	1/30/18	1020	0.08	2.4	0.05	0.7	0.12	1.7	1.5	43	0.36	11.0	3.1	43	0.08	34.86	24.6	8.16	5.37	0.61
T1-50m	5/16/18	1021	0.15	4.5	0.26	3.7	1.52	21.3	4.7	133	0.53	16.5	19.6	274	0.02	34.73	25.5	8.16	6.04	0.11
Geomean FY '18			3.8		3.4		4.8				12.9		71		0.06					0.23
T1-50m	9/24/18	943	0.10	3.1	0.16	2.3	0.33	4.6	6.6	187	0.44	13.5	4.7	66	0.11	34.61	27.7	8.18	5.29	0.21
T1-50m	11/13/18	1029	0.05	1.5	0.41	5.7	0.25	3.5	1.7	49	0.35	10.7	3.9	55	0.10	34.98	27.3	8.20	4.65	0.20
T1-50m	1/22/19	1016	0.10	3.1	0.19	2.6	0.04	0.5	1.6	44	0.38	11.7	2.2	30	0.06	34.80	25.0	8.22	5.70	0.36
T1-50m	4/16/19	1012	0.14	4.3	0.38	5.3	0.38	5.3	4.6	130	0.41	12.6	2.9	41	0.04	35.59	25.6	8.11	7.20	0.12
Geomean FY '19			2.8		3.6		2.6				12.1		46		0.07					0.21
T1-50m	8/13/19	1148	0.04	1.3	0.16	2.3	0.09	1.3	3.1	88	0.29	8.9	2.2	30	0.10	35.68	28.3	8.22	6.54	0.12
T1-50m	11/19/19	1146	0.11	3.5	0.29	4.1	0.60	8.4	1.8	50	0.38	11.7	2.6	36	0.10	34.81	27.6	8.24	6.70	0.17
T1-50m	1/22/20	943	0.11	3.5	0.16	2.3	0.09	1.3	0.5	15	0.39	12.1	2.5	36	0.04	34.92	25.0	8.22	6.68	0.19
T1-50m	6/24/20	1019	0.08	2.4	0.16	2.3	0.09	1.3	1.9	55	0.36	11.0	2.4	34	0.07	35.34	25.8	8.16	6.88	0.33
Geomean FY '20			2.5		2.6		2.0				10.9		34		0.07					0.19
T1-50m	9/22/20	1124	0.14	4.2	0.48	6.7	0.45	6.3	2.8	79	0.29	9.0	6.8	96	0.04	35.58	26.6	8.14	5.02	0.30
T1-50m	12/15/20	1059	0.14	4.2	0.61	8.5	0.37	5.2	3.4	97	0.31	9.5	6.2	87	0.07	35.74	26.7	8.11	6.76	0.21
T1-50m	3/9/21	1124	0.22	6.9	0.34	4.8	0.19	2.6	4.7	132	0.11	3.4	4.1	58	0.06	35.62	24.6	8.11	6.80	0.27
T1-50m	5/26/21	1030	0.09	2.8	0.69	9.7	0.18	2.5	3.8	107	0.16	5.0	6.7	94	0.09	35.54	25.5	8.01	6.94	0.14
Geomean FY '21			4.3		7.2		3.8				6.2		82		0.06					0.22
T1-50m	9/22/21	939	0.05	1.6	0.38	5.3	0.64	8.9	1.6	45	0.23	7.2	5.2	72	0.10	35.54	26.3	7.98	6.76	0.17
T1-50m	12/14/21	936	0.10	3.2	0.02	0.3	0.08	1.1	0.2	6	0.26	8.2	4.7	66	0.09	35.12	25.9	8.13	6.65	0.15
T1-50m	3/15/22	916	0.10	3.1	0.31	4.3	0.01	0.1	3.6	101	0.31	9.5	4.6	64	0.09	34.76	25.3	8.09	6.77	0.20
T1-50m	6/8/22	919	0.10	3.1	0.26	3.6	0.25	3.5	2.2	62	0.26	7.9	5.0	71	0.07	34.46	26.2	8.05	6.55	0.24
Geomean FY '22			2.6		2.2		1.4				8.2		68		0.09					0.19
T1-50m	9/21/22	857	0.05	1.4	0.50	7.0	0.11	1.5	2.8	79	0.32	9.8	5.2	73	0.07	34.83	27.0	8.11	6.67	0.25
T1-50m	12/27/22	930	0.08	2.5	0.21	2.9	0.09	1.3	1.2	33	0.06	1.9	5.0	71	0.05	34.93	25.7	8.11	6.61	0.26
T1-50m	3/15/23	913	0.14	4.4	0.61	8.5	0.17	2.4	2.8	79	0.24	7.3	5.0	70	0.10	34.54	24.3	8.07	6.93	0.30
T1-50m	5/31/23	917	0.07	2.2	1.06	14.9	0.02	0.3	7.8	218	0.21	6.5	5.8	81	0.09	34.51	25.7	8.02	6.63	0.17
Geomean FY '23			2.4		7.1		1.1				5.5		73		0.08					0.24

NELHA Water Quality Laboratory

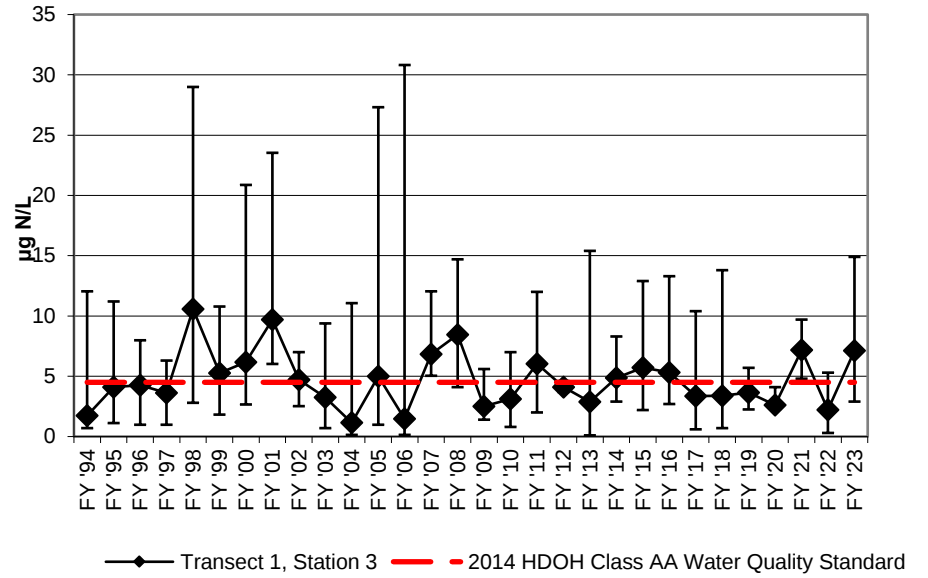
Transect 1, Station 3

7/27/93 - 7/10/2025

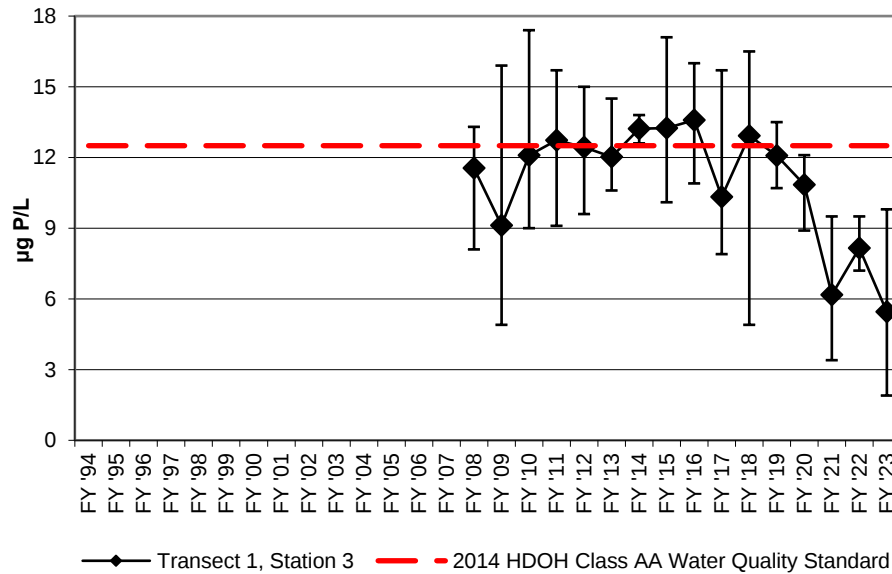
Yearly Geometric Mean Ortho-Phosphate



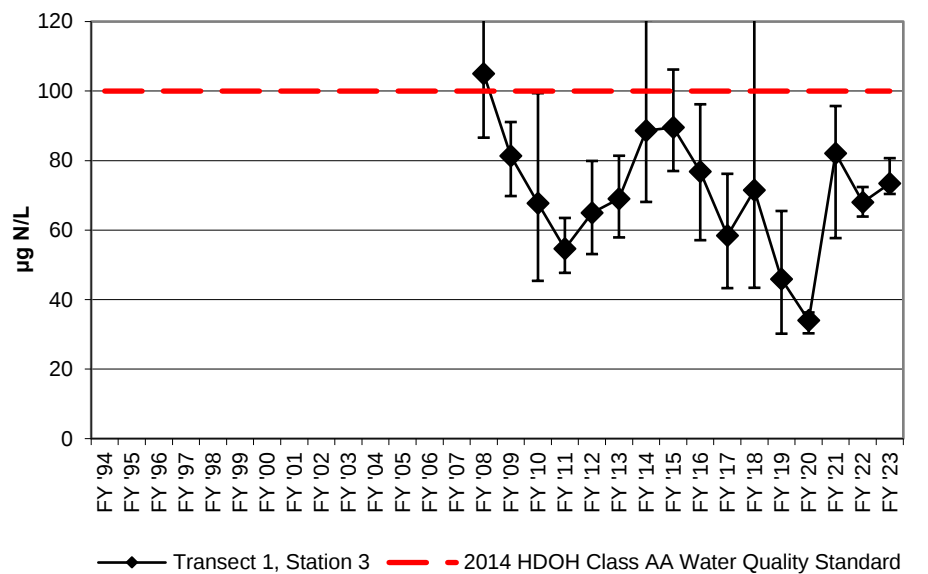
Yearly Geometric Mean Nitrate + Nitrite



Yearly Geometric Mean Total Dissolved Phosphorous



Yearly Geometric Mean Total Dissolved Nitrogen

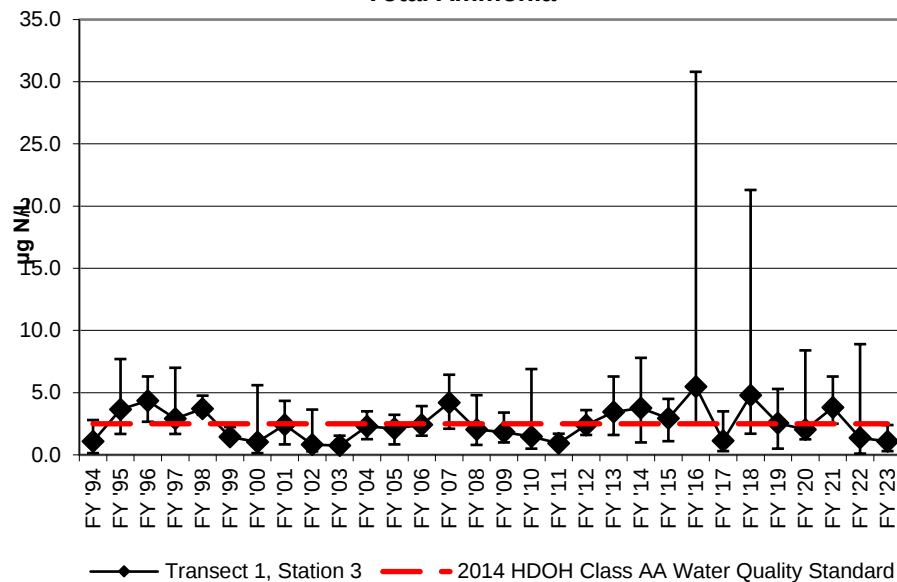


NELHA Water Quality Laboratory

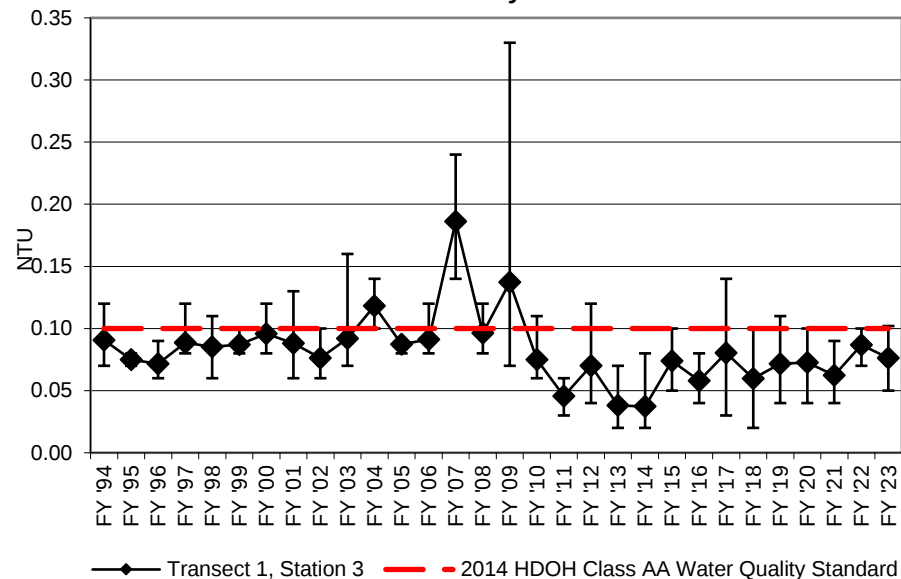
Transect 1, Station 3

7/27/93 - 7/10/2025

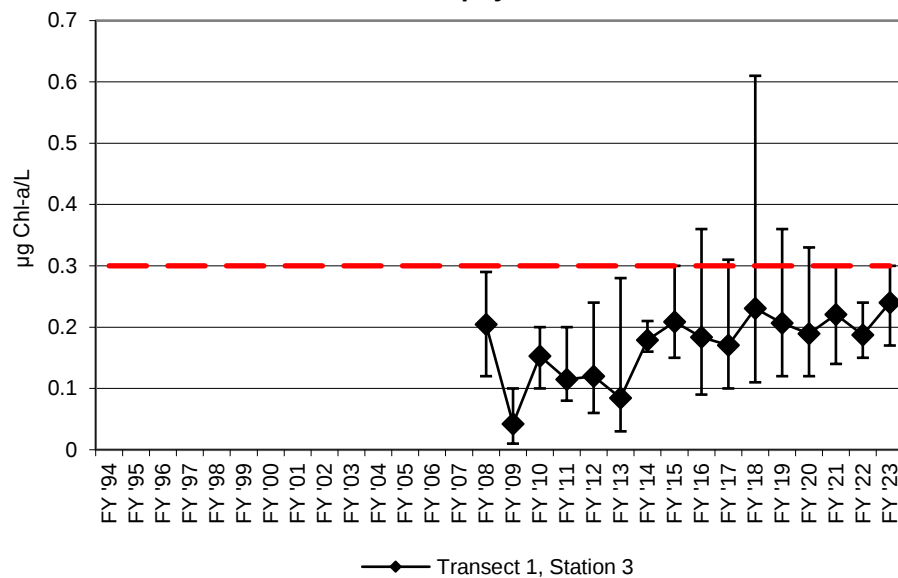
**Yearly Geometric Mean
Total Ammonia**



**Yearly Geometric Mean
Turbidity**



**Yearly Geometric Mean
Chlorophyll-a**



NELHA Water Quality Laboratory

Transect 1, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-4S-53n	7/27/93	1136	0.11	3.4	0.09	1.3	0.24	3.4	3.8	107					0.07	34.516	26.6			
O1-4S-53n	12/7/93	1041	0.06	1.9	0.14	2.0	0.11	1.5	2.4	66					0.06	34.817	25.8			
O1-4S-53n	3/16/94	1020	0.19	5.9	0.60	8.4	0.17	2.4	8.3	233					0.11	34.343	24.7			
O1-4S-53n	6/14/94	1008	0.11	3.4	0.02	0.3	0.01	0.1	1.8	49					0.07	34.588	25.4			
Geomean FY '94			3.4		1.6		1.1								0.08					
O1-4S-53n	9/15/94	1027	0.09	2.8	0.02	0.3	0.11	1.5	2.8	80					0.07	34.633	27.6			
O1-4S-53n	11/16/94	927	0.18	5.6	0.85	11.9	0.52	7.3	10.8	303					0.07	34.325	26.0			
O1-4S-53n	3/21/95	1149	0.18	5.6	0.10	1.4	0.15	2.1	3.3	94					0.08	34.215	25.1			
O1-4S-53n	6/26/95	943	0.21	6.5	1.23	17.2	0.20	2.8	17.5	493					0.08	34.145	26.7			
Geomean FY '95			4.9		3.0		2.9								0.07					
O1-4S-53n	9/25/95	844	0.16	5.0	1.34	18.8	0.22	3.1	16.2	454					0.13	34.048	27.0			
O1-4S-53n	11/13/95	1140	0.11	3.4	0.01	0.1	0.36	5.0	1.7	49					0.05	34.361	27.1			
O1-4S-53n	3/11/96	921	0.14	4.3	0.79	11.1	0.38	5.3	7.6	215					0.06	34.017	25.3			
O1-4S-53n	5/13/96	844	0.14	4.3	0.82	11.5	0.28	3.9	11.3	316					0.09	34.023	26.6			
Geomean FY '96			4.2		4.3		4.2								0.08					
O1-4S-53n	7/30/96	840	0.07	2.2	0.28	3.9	0.10	1.4	5.9	165					0.06	34.455	27.9			
O1-4S-53n	10/1/96	1152	0.06	1.9	0.57	8.0	0.61	8.5	7.1	200					0.08	34.720	27.9			
O1-4S-53n	1/6/97	1159	0.09	2.8	0.22	3.1	0.14	2.0	3.6	100					0.08	34.704	25.6			
O1-4S-53n	4/21/97	1146	0.09	2.8	0.40	5.6	0.22	3.1	2.2	61					0.09	34.555	26.4			
Geomean FY '97			2.4		4.8		2.9								0.08					
O1-4S-53n	8/18/97	1130	0.14	4.3	1.38	19.3	0.23	3.2	17.2	482					0.11	34.185	27.1			
O1-4S-53n	10/6/97	1151	0.10	3.1	0.16	2.2	0.36	5.0	4.0	112					0.07	34.698	27.5			
O1-4S-53n	3/3/98	1152	0.11	3.4	0.56	7.8	0.21	2.9	5.7	160					0.09	34.926	25.1			
O1-4S-53n	5/4/98	1102	0.23	7.1	2.69	37.7	0.26	3.6	28.2	791					0.09	34.213	23.8			
Geomean FY '98			4.2		10.6		3.6								0.09					
O1-4S-53n	7/6/98	1204	0.10	3.1	0.16	2.2	0.10	1.4	3.8	106					0.11	35.008	26.5			
O1-4S-53n	10/5/98	1134	0.09	2.8	0.12	1.7	0.11	1.5	1.8	50					0.09	34.974	27.4			
O1-4S-53n	1/13/99	1143	0.11	3.4	0.67	9.4	0.18	2.5	8.2	231					0.07	34.942	25.2			
O1-4S-53n	4/12/99	912	0.17	5.3	0.74	10.4	0.08	1.1	9.7	272					0.08	34.500	24.0			
Geomean FY '99			3.5		4.4		1.6								0.09					

NELHA Water Quality Laboratory

Transect 1, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-4S-53n	7/6/99	915	0.12	3.7	0.19	2.7	0.05	0.7	6.6	184					0.08	34.938	25.6			
O1-4S-53n	10/4/99	1005	0.12	3.7	0.32	4.5	0.13	1.8	4.9	138					0.07	34.938	25.9			
O1-4S-53n	1/4/00	1159	0.15	4.6	1.49	20.9	0.39	5.5	13.1	367					0.08	34.810	24.5			
O1-4S-53n	4/17/00	951	0.14	4.3	0.38	5.3	0.04	0.6	5.8	162					0.05	34.567	24.2			
Geomean FY '00			4.1			6.0	1.4								0.07					
O1-4S-53n	7/24/00	1220	0.14	4.3	0.94	13.2	0.09	1.3	13.5	378					0.10	34.599	27.4			
O1-4S-53n	10/30/00	1234	0.13	4.0	0.27	3.8	0.31	4.3	6.5	181					0.08	34.912	27.1			
O1-4S-53n	2/26/01	1218	0.21	6.5	1.14	16.0	0.20	2.8	18.1	508					0.10	34.299	24.9			
O1-4S-53n	5/7/01	1008	0.16	5.0	0.95	13.3	0.30	4.2	9.0	253					0.07	34.700	24.6			
Geomean FY '01			4.9			10.1	2.8								0.09					
O1-4S-53n	8/21/01	1143	0.16	5.0	0.57	8.0	0.02	0.3	5.4	153					0.11	34.713	26.7			
O1-4S-53n	10/8/01	936	0.10	3.1	0.18	2.5	0.11	1.5	3.0	85					0.07	34.940	27.1			
O1-4S-53n	3/5/02	1052	0.14	4.3	0.36	5.0	0.02	0.3	5.0	140					0.09	34.665	24.2			
O1-4S-53n	4/17/02	1112	0.15	4.6	0.33	4.6	0.18	2.5	8.0	225					0.10	34.440	25.7			
Geomean FY '02			4.2			4.7	0.7								0.09					
O1-4S-53n	7/8/02	1002	0.14	4.3	0.04	0.6	0.10	1.4	3.2	90					0.10	34.660	26.5			
O1-4S-53n	10/9/02	1055	0.07	2.2	0.35	4.9	0.06	0.8	3.8	106					0.12	34.921	27.0			
O1-4S-53n	3/11/03	941	0.19	5.9	1.95	27.3	0.04	0.6	13.1	367					0.11	34.622	24.5			
O1-4S-53n	4/22/03	1049	0.14	4.3	0.81	11.3	0.08	1.1	6.7	187					0.08	34.902	25.2			
Geomean FY '03			3.9			5.4	0.9								0.10					
O1-4S-53n	8/18/03	1055	0.04	1.2	0.01	0.1	0.30	4.2	2.8	78					0.08	34.835	27.8			
O1-4S-53n	10/29/03	1016	0.05	1.5	0.04	0.6	0.05	0.7	3.0	83					0.09	34.839	27.6			
O1-4S-53n	3/11/04	931	0.13	4.0	0.02	0.3	0.05	0.7	1.7	46					n/a	34.241	25.6			
O1-4S-53n	5/20/04	948	0.12	3.7	0.20	2.8	0.21	2.9	4.8	134					n/a	33.48	26.6			
Geomean FY '04			2.3		0.5		1.6								0.08					
O1-4S-53n	9/20/04	918	0.09	2.8	0.07	1.0	0.27	3.8	2.3	66					0.18	33.66	27.9			
O1-4S-53n	11/17/04	851	0.10	3.1	0.25	3.5	0.13	1.8	2.4	66					0.09	33.62	27.4			
O1-4S-53n	1/13/05	1014	0.04	1.2	0.01	0.1	0.04	0.6	1.8	49					0.08	34.860	25.9			
O1-4S-53n	4/11/05	1003	0.24	7.4	2.35	32.9	0.25	3.5	16.1	451					0.08	34.031	25.1			
Geomean FY '05			3.0		2.0		1.9								0.10					

NELHA Water Quality Laboratory

Transect 1, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-4S-53n	7/20/05	950	0.13	4.0	1.50	21.0	0.17	2.4	0.9	26					0.10	34.401	26.5			
O1-4S-53n	10/11/05	840	0.05	1.5	0.06	0.8	0.18	2.5	4.2	117					0.08	34.907	26.5			
O1-4S-53n	3/13/06	924	0.10	3.1	0.09	1.3	0.26	3.6	2.6	73					0.10	34.807	24.6			
O1-4S-53n	5/15/06	927	0.16	5.0	1.73	24.2	0.17	2.4	20.0	562					0.12	34.192	25.0			
Geomean	FY '06		3.1			4.8		2.7							0.10					
O1-4S-53n	8/14/06	916	0.13	4.0	0.54	7.6	0.22	3.1	4.4	124					0.18	34.579	26.5			
O1-4S-53n	11/1/06	920	0.10	3.1	0.33	4.6	0.41	5.7	5.0	141					0.21	34.756	26.7			
O1-4S-53n	2/12/07	943	0.18	5.6	1.40	19.6	0.46	6.4	9.3	261					0.31	34.333	24.5			
O1-4S-53n	4/9/07	919	0.14	4.3	0.51	7.1	0.33	4.6	6.4	180					0.45	34.597	25.3			
Geomean	FY '07		4.2			8.4		4.8							0.27					
T1-100m	9/26/07	928	0.18	5.7	0.35	4.9	0.12	1.7	4.1	114	0.45	13.8	4.9	68	0.07	34.920	26.8	8.14	6.33	0.16
T1-100m	12/13/07	1039	0.10	3.1	0.27	3.8			15.0	422	0.36	11.2	5.2	73	0.12	34.490	25.7	8.3	6.15	0.27
T1-100m	3/10/08	940	0.14	4.3	0.59	8.2	0.06	0.8	5.6	159	0.45	13.8	8.1	113	0.07	34.841	24.9	8.12	6.59	0.32
T1-100m	6/5/08	949	0.11	3.3	0.24	3.4	0.16	2.2	17.7	497	0.29	9.0	8.0	111	0.08	34.8144	25.0	8.08	6.72	0.2
Geomean	FY '08		4.0			4.8		1.4			11.8		89		0.08					0.23
T1-100m	9/22/08	1053	0.06	1.8	0.14	2	0.15	2.1	2.3	66	0.25	7.8	4.9	68	0.10	34.814	26.6	8.01	6.83	0.1
T1-100m	11/17/08	932	0.15	4.7	0.07	1	0.14	1.9	3.7	104	0.39	12.1	5.8	81	0.09	34.934	25.7	8.22	6.11	0.07
T1-100m	2/9/09	933	0.09	2.9	0.16	2.2	0.12	1.7	1.7	49	0.22	6.7	5.4	76	0.14	35.058	24.9	8.06	6.15	0.01
T1-100m	4/13/09	923	0.23	7.1	0.23	3.2	0.34	4.7	3.8	107	0.48	14.8	4.9	69	0.16	34.968	24.0	8.15	5.90	0.05
Geomean	FY '09		3.6		1.9		2.4				9.8		73		0.12					0.04
T1-100m	9/9/09	926	0.13	4.1	0.16	2.2	0.10	1.4	6.0	169	0.50	15.6	5.3	75	0.12	35.16	26.9	8.23	5.50	0.27
T1-100m	11/23/09	942	0.03	0.8	0.43	6	0.12	1.7	33.5	941	0.42	12.9	7.7	108	0.09	35.13	25.3	8.26	6.13	0.13
T1-100m	2/23/10	951	0.17	5.2	0.22	3.1	0.48	6.7	93.0	2612	0.40	12.3	4.4	62	0.05	35.06	24.6	8.21	6.13	0.34
T1-100m	5/25/10	1109	0.02	0.7	0.07	1	0.04	0.5	4.1	114	0.29	9	4.6	65	0.08	35.01	24.9	8.25	6.84	0.1
Geomean	FY '10		1.9		2.5		1.7				12.2		75		0.08					0.19
T1-100m	8/10/10	948	0.04	1.2	0.92	12.9	0.05	0.7	11.5	324	0.58	17.9	4.9	68	0.09	34.73	25.96	8.24	6.42	0.10
T1-100m	11/8/10	938	0.00	0.1	0.25	3.5	0.17	2.4	2.2	62	0.41	12.6	4.7	66	0.08	35.26	26.42	8.24	6.12	0.06
T1-100m	1/11/11	949	0.13	4.1	0.54	7.5	0.01	0.1	5.6	158	0.45	13.8	3.9	55	0.05	35.01	24.97	8.21	6.47	0.11
T1-100m	4/26/11	950	0.12	3.6	0.34	4.8	0.15	2.1	10.5	295	0.43	13.4	4.2	59	0.06	34.97	25.02	8.22	6.46	0.12
Geomean	FY '11		1.2			6.3	0.8				14.3		62		0.07					0.09

NELHA Water Quality Laboratory

Transect 1, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-100m	7/26/11	1006	0.16	5	0.02	0.3	0.09	1.3	1.8	50	0.48	14.8	5.1	71	0.08	34.86	26.18	8.26	6.42	0.07
T1-100m	10/18/11	938	0.02	0.6	0.21	2.9	0.18	2.5	3.2	90	0.32	9.8	5.7	80	0.07	35.05	26.58	8.20	6.55	0.09
T1-100m	1/25/12	1006	0.10	3.2	0.51	7.1	0.11	1.5	5.7	159	0.47	14.5	5.6	78	0.09	34.93	24.62	8.17	6.53	0.10
T1-100m	4/24/12	1031	0.11	3.5	0.21	3	0.16	2.3	2.8	79	0.40	12.5	4.3	60	0.13	35.07	24.78	8.21	6.60	0.07
Geomean FY '12			2.4		2.1		1.8				12.7		72		0.09					0.08
T1-100m	7/24/12	951	0.03	0.9	0.37	5.2	0.23	3.2	2.4	69	0.30	9.4	4.1	58	0.08	35.08	26.30	8.23	6.81	0.14
T1-100m	11/27/12	944	0.09	2.9	0.79	11	0.31	4.3	6.5	184	0.48	15	6.5	91	0.05	35.10	25.07	8.20	6.74	0.20
T1-100m	1/24/13	950	0.05	1.7	0.01	0.1	0.18	2.5	1.1	32	0.44	13.5	5.0	70	0.06	35.10	24.80	8.23	6.43	0.05
T1-100m	4/16/13	956	0.15	4.6	0.19	2.6	0.14	2	0.7	21	0.47	14.5	4.9	68	0.03	35.17	24.90	8.20	6.85	0.05
Geomean FY '13			2.1		2.0		2.9				12.9		71		0.05					0.09
T1-100m	8/1/13	905	0.05	1.7	0.34	4.7	0.06	0.8	5.2	145	0.41	12.7	5.1	71	0.06	35.08	26.0	8.24	6.69	0.13
T1-100m	10/29/13	940	0.13	4.1	0.25	3.5	0.57	8.0	2.2	62	0.43	13.4	6.2	87	0.02	35.30	27.1	8.21	6.17	0.23
T1-100m	2/4/14	941	0.12	3.7	0.54	7.5	0.41	5.8	4.3	121	0.39	12.1	6.4	90	0.02	34.87	25.2	8.21	6.31	0.16
T1-100m	5/6/14	940	0.11	3.3	0.32	4.5	0.30	4.2	3.2	91	0.45	13.9	6.5	91	0.06	34.74	25.9	8.22	6.37	0.17
Geomean FY '14			3.0		4.9		3.5				13.0		84		0.03					0.17
T1-100m	8/5/14	952	0.18	5.6	0.24	3.4	0.41	5.8	2.6	74	0.54	16.6	5.4	75	0.09	34.94	26.8	8.21	5.93	0.13
T1-100m	11/17/14	1130	0.17	5.2	0.21	2.9	0.46	6.4	0.7	20	0.43	13.4	6.2	87	0.09	34.99	27.1	8.22	6.78	0.22
T1-100m	3/3/15	946	0.02	0.7	0.36	5.0	0.07	1.0	2.9	82	0.32	10.0	8.0	113	0.07	34.79	25.5	8.15	6.74	0.14
T1-100m	6/16/15	1057	0.16	5.0	1.49	20.8	0.27	3.8	11.0	309	0.55	16.9	6.5	91	0.05	35.81	26.5	8.20	6.05	0.15
Geomean FY '15			3.2		5.7		3.4				13.9		90		0.07					0.16
T1-100m	8/26/15	1157	0.13	4.0	0.28	3.9	0.21	2.9	5.1	142	0.40	12.4	3.8	53	0.03	34.44	28.4	8.21	6.03	0.43
T1-100m	11/17/15	956	0.14	4.2	0.36	5.1	0.14	1.9	3.5	98	0.53	16.5	7.3	103	0.05	33.92	27.3	8.21	6.11	0.18
T1-100m	3/1/16	958	0.15	4.5	0.29	4.1	0.31	4.4	0.6	17	0.47	14.5	5.4	75	0.07	34.77	25.4	8.24	5.68	0.08
T1-100m	5/3/16	931	0.18	5.5	1.30	18.2	0.21	3.0	8.5	240	0.42	12.9	7.3	103	0.07	34.57	25.5	8.23	6.26	0.29
Geomean FY '16			4.5		6.2		2.9				14.0		81		0.05					0.21
T1-100m	7/6/16	1010	0.11	3.5	0.20	2.8	0.71	10.0	2.9	82	0.11	3.5	5.2	73	0.09	34.47	26.8	8.25	6.59	0.24
T1-100m	12/20/16	1004	0.08	2.4	0.51	7.2	0.25	3.5	6.2	175	0.34	10.4	2.9	40	0.03	34.68	25.6	8.25	5.44	0.17
T1-100m	2/28/17	904	0.00	0.1	0.12	1.7	0.04	0.6	0.6	18	0.28	8.8	4.6	65	0.07	34.67	24.7	8.23	6.63	0.17
T1-100m	5/9/17	1024	0.04	1.3	0.06	0.9	0.09	1.2	0.5	15	0.26	7.9	5.0	70	0.09	34.66	25.6	8.20	4.62	0.08
Geomean FY '17			1.0		2.4		2.2				7.1		60		0.06					0.15

NELHA Water Quality Laboratory

Transect 1, Station 4

7/27/1993 - 7/10/2025

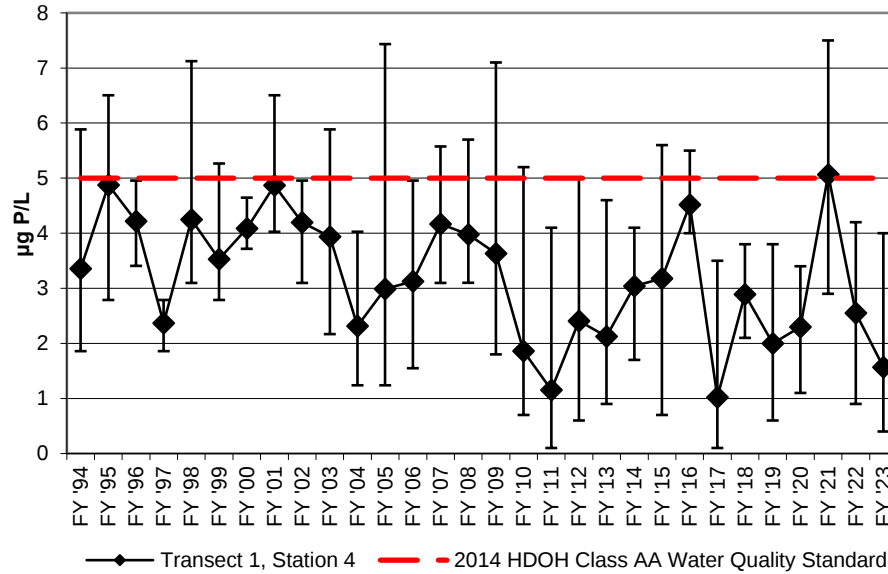
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-100m	9/27/17	954	0.11	3.5	0.16	2.3	0.12	1.7	1.6	46	0.43	13.3	4.3	60	0.09	34.76	27.8	8.20	4.35	0.17
T1-100m	11/28/17	1048	0.12	3.8	0.69	9.6	0.34	4.7	4.4	124	0.40	12.3	2.7	38	0.09	34.98	26.1	8.18	4.48	0.21
T1-100m	1/30/18	1026	0.08	2.5	0.04	0.6	0.14	1.9	1.5	41	0.34	10.6	2.1	30	0.08	34.90	24.6	8.16	5.36	0.18
T1-100m	5/16/18	1026	0.07	2.1	0.04	0.5	0.11	1.5	2.5	71	0.35	10.7	2.1	29	0.02	34.74	25.5	8.16	5.95	0.11
Geomean FY '18			2.9		1.6		2.2				11.7		38		0.06					0.16
T1-100m	9/24/18	952	0.07	2.2	0.16	2.3	0.29	4.1	6.5	184	0.48	14.8	6.1	85	0.08	34.60	27.7	8.16	5.10	0.17
T1-100m	11/13/18	1033	0.02	0.6	0.19	2.6	0.24	3.4	0.3	9	0.35	10.8	5.6	79	0.08	35.01	27.2	8.20	4.60	0.21
T1-100m	1/22/19	1021	0.10	3.2	0.34	4.8	0.02	0.3	2.6	73	0.39	12.0	2.6	36	0.07	34.87	25.0	8.23	5.71	0.36
T1-100m	4/16/19	1018	0.12	3.8	0.21	2.9	0.39	5.5	1.9	53	0.40	12.4	2.1	29	0.04	35.66	25.7	8.12	7.22	0.09
Geomean FY '19			2.0		3.0		2.2				12.4		52		0.07					0.18
T1-100m	8/13/19	1152	0.04	1.1	0.09	1.2	0.18	2.5	4.6	129	0.30	9.2	2.7	38	0.10	35.58	28.4	8.22	6.71	0.23
T1-100m	11/19/19	1151	0.11	3.4	0.17	2.4	0.60	8.4	0.6	16	0.40	12.5	2.3	32	0.09	34.78	27.6	8.23	6.65	0.19
T1-100m	1/22/20	949	0.10	3.1	0.16	2.3	0.09	1.3	-0.2	-5	0.38	11.9	2.3	32	0.06	34.91	25.1	8.22	6.66	0.25
T1-100m	6/24/20	1023	0.08	2.4	0.16	2.3	0.09	1.3	2.4	67	0.33	10.3	2.2	31	0.07	35.28	25.8	8.16	6.84	0.32
Geomean FY '20			2.3		2.0		2.4				10.9		33		0.08					0.24
T1-100m	9/22/20	1129	0.14	4.2	0.32	4.5	0.38	5.3	2.4	67	0.28	8.6	5.4	76	0.04	35.59	26.5	8.15	4.98	0.22
T1-100m	12/15/20	1103	0.24	7.5	3.07	43.0	0.46	6.4	20.0	562	0.34	10.5	7.5	105	0.09	35.09	26.7	8.10	6.73	0.24
T1-100m	3/9/21	1129	0.23	7.2	0.25	3.5	0.14	1.9	7.1	199	0.12	3.8	4.9	69	0.06	35.54	24.6	8.11	6.79	0.28
T1-100m	5/26/21	1036	0.09	2.9	1.53	21.4	0.20	2.8	9.4	265	0.17	5.2	6.0	84	0.09	35.36	25.6	8.02	6.96	0.15
Geomean FY '21			5.1		11.0		3.7				6.5		83		0.07					0.22
T1-100m	9/22/21	942	0.03	0.9	0.39	5.5	0.33	4.6	1.7	48	0.24	7.3	6.5	90	0.10	35.53	26.4	7.97	6.75	0.19
T1-100m	12/14/21	942	0.11	3.5	0.64	9.0	0.14	2.0	2.7	77	0.27	8.5	5.7	79	0.06	35.02	25.9	8.13	6.68	0.15
T1-100m	3/15/22	921	0.14	4.2	0.60	8.4	0.16	2.2	6.2	173	0.30	9.3	5.3	74	0.09	34.77	25.2	8.08	6.69	0.20
T1-100m	6/8/22	925	0.10	3.2	0.38	5.3	0.22	3.1	4.1	114	0.26	8.0	5.5	77	0.12	34.40	26.2	8.06	6.61	0.27
Geomean FY '22			2.6		6.9		2.8				8.2		80		0.09					0.20
T1-100m	9/21/22	904	0.01	0.4	0.09	1.3	0.04	0.5	0.2	6	0.33	10.1	4.5	63	0.12	34.94	27.0	8.12	6.65	0.22
T1-100m	12/27/22	942	0.08	2.5	0.18	2.5	0.05	0.7	1.0	29	0.04	1.2	5.2	73	0.12	34.93	25.7	8.13	6.62	0.30
T1-100m	3/15/23	917	0.13	4.0	0.60	8.4	0.33	4.6	2.4	68	0.24	7.4	5.0	70	0.09	34.71	24.4	8.08	6.88	0.31
T1-100m	5/31/23	922	0.05	1.5	0.59	8.3	0.01	0.2	5.1	144	0.20	6.2	5.4	76	0.10	34.62	25.6	8.04	6.72	0.16
Geomean FY '23			1.6		3.9		0.8				4.9		71		0.10					0.24

NELHA Water Quality Laboratory

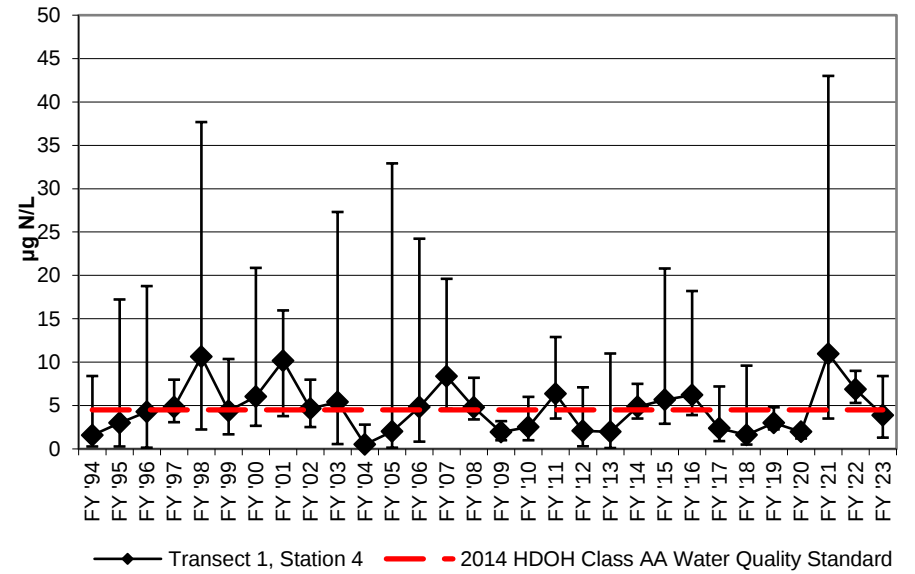
Transect 1, Station 4

7/27/1993 - 7/10/2025

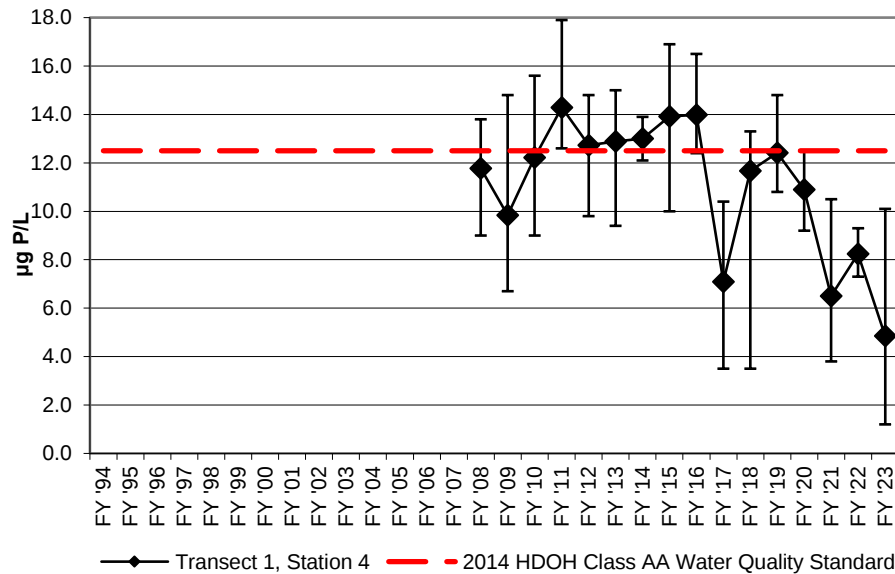
Yearly Geometric Mean Ortho-Phosphate



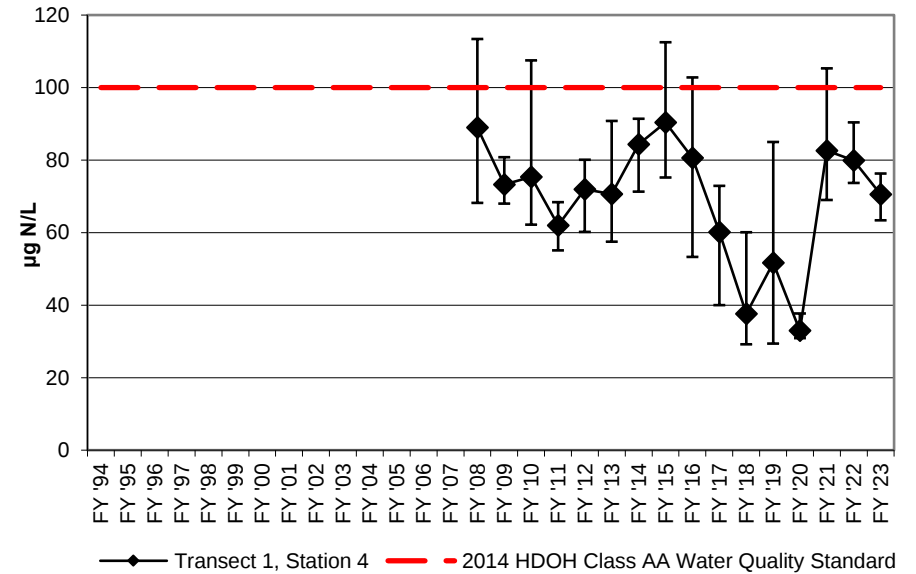
Yearly Geometric Mean Nitrate + Nitrite



Yearly Geometric Mean Total Dissolved Phosphorous



Yearly Geometric Mean Total Dissolved Nitrogen

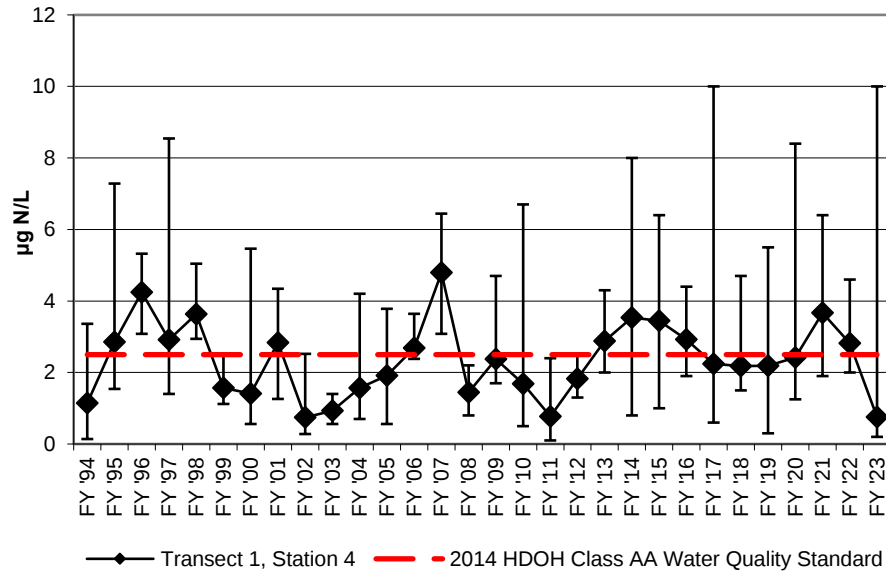


NELHA Water Quality Laboratory

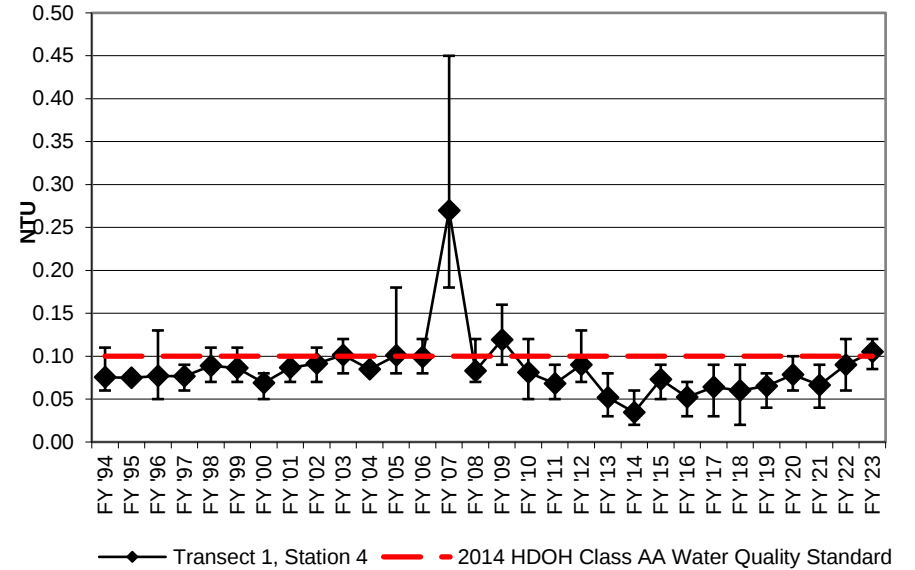
Transect 1, Station 4

7/27/1993 - 7/10/2025

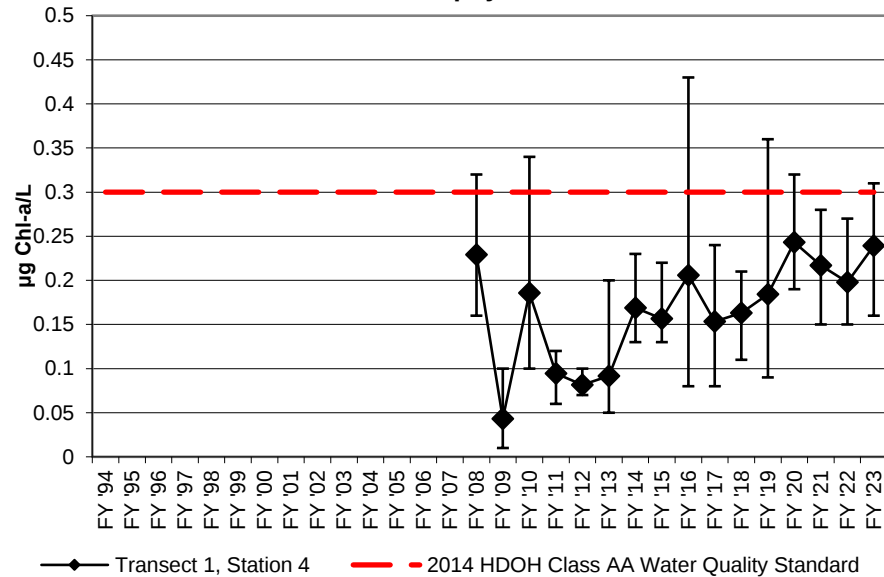
**Yearly Geometric Mean
Total Ammonia**



**Yearly Geometric Mean
Turbidity**



**Yearly Geometric Mean
Chlorophyll-a**



NELHA Water Quality Laboratory

Transect 1, Station 5

7/27/93 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-5S-69r	7/27/93	1125	0.04	1.2	0.01	0.1	0.18	2.5	3.8	107					0.07	34.499	26.6			
O1-5S-69r	12/7/93	1031	0.06	1.9	0.10	1.4	0.18	2.5	2.4	68					0.08	34.817	25.9			
O1-5S-69r	3/16/94	1012	0.18	5.6	0.45	6.3	0.20	2.8	9.0	252					0.09	34.400	24.8			
O1-5S-69r	6/14/94	1001	0.10	3.1	0.04	0.6	0.01	0.1	2.0	57					0.08	34.585	25.4			
Geomean FY '94			2.5		0.9		1.3								0.08					
O1-5S-69r	9/15/94	1020	0.08	2.5	0.02	0.3	0.09	1.3	3.6	101					0.09	34.634	27.6			
O1-5S-69r	11/16/94	923	0.18	5.6	0.92	12.9	0.55	7.7	12.3	345					0.06	34.295	26.0			
O1-5S-69r	3/21/95	1142	0.17	5.3	0.01	0.1	0.12	1.7	4.1	115					0.10	34.215	25.1			
O1-5S-69r	6/26/95	940	0.17	5.3	1.19	16.7	0.53	7.4	15.2	426					0.08	34.165	26.7			
Geomean FY '95			4.4		1.7		3.3								0.08					
O1-5S-69r	9/25/95	835	0.11	3.4	0.52	7.3	0.26	3.6	10.2	286					0.12	34.388	27.1			
O1-5S-69r	11/13/95	1131	0.11	3.4	0.02	0.3	0.40	5.6	2.1	58					0.06	34.370	27.1			
O1-5S-69r	3/11/96	914	0.14	4.3	0.74	10.4	0.39	5.5	7.2	202					0.08	34.285	25.0			
O1-5S-69r	5/13/96	838	0.10	3.1	0.01	0.1	0.26	3.6	3.1	88					0.05	34.311	27.4			
Geomean FY '96			3.5		1.3		4.5								0.07					
O1-5S-69r	7/30/96	830	0.09	2.8	0.31	4.3	0.12	1.7	3.9	108					0.08	34.448	28.2			
O1-5S-69r	10/1/96	1147	0.06	1.9	1.42	19.9	0.69	9.7	15.4	431					0.08	34.280	27.8			
O1-5S-69r	1/6/97	1153	0.09	2.8	0.16	2.2	0.17	2.4	3.0	84					0.08	34.700	25.7			
O1-5S-69r	4/21/97	1136	0.09	2.8	0.38	5.3	0.25	3.5	1.9	54					0.07	34.554	26.5			
Geomean FY '97			2.5		5.7		3.4								0.08					
O1-5S-69r	8/18/97	1125	0.17	5.3	1.90	26.6	0.23	3.2	22.4	628					0.11	34.021	27.2			
O1-5S-69r	10/6/97	1145	0.10	3.1	0.24	3.4	0.32	4.5	13.8	387					0.08	34.665	27.4			
O1-5S-69r	3/3/98	1145	0.11	3.4	0.50	7.0	0.22	3.1	7.3	204					0.08	34.936	25.1			
O1-5S-69r	5/4/98	1056	0.28	8.7	3.87	54.2	0.21	2.9	65.9	1851					0.10	33.838	23.7			
Geomean FY '98			4.7		13.6		3.4								0.09					
O1-5S-69r	7/6/98	1155	0.10	3.1	0.16	2.2	0.10	1.4	4.1	115					0.10	34.997	26.4			
O1-5S-69r	10/5/98	1127	0.12	3.7	0.81	11.3	0.16	2.2	7.5	211					0.10	34.926	27.3			
O1-5S-69r	1/13/99	1137	0.13	4.0	1.11	15.5	0.10	1.4	11.5	324					0.11	34.822	25.2			
O1-5S-69r	4/12/99	906	0.18	5.6	1.46	20.4	0.08	1.1	15.5	435					0.09	34.307	24.0			
Geomean FY '99			4.0		9.5		1.5								0.10					

NELHA Water Quality Laboratory

Transect 1, Station 5

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-5S-69r	7/6/99	910	0.11	3.4	0.16	2.2	0.09	1.3	5.0	139					0.09	34.936	25.6			
O1-5S-69r	10/4/99	1000	0.15	4.6	0.64	9.0	0.16	2.2	17.2	482					0.10	34.796	26.0			
O1-5S-69r	1/4/00	1154	0.12	3.7	1.23	17.2	0.40	5.6	10.9	305					0.08	34.884	24.6			
O1-5S-69r	4/17/00	946	0.19	5.9	1.40	19.6	0.02	0.3	16.8	472					0.05	34.221	24.3			
Geomean FY '00			4.3		9.1		1.5								0.08					
O1-5S-69r	7/24/00	1212	0.10	3.1	0.23	3.2	0.03	0.4	3.1	87					0.09	34.879	27.2			
O1-5S-69r	10/30/00	1228	0.14	4.3	0.36	5.0	0.36	5.0	6.9	195					0.08	34.877	27.1			
O1-5S-69r	2/26/01	1210	0.22	6.8	1.44	20.2	0.20	2.8	26.5	743					0.11	34.138	24.8			
O1-5S-69r	5/7/01	1003	0.14	4.3	0.80	11.2	0.31	4.3	8.3	232					0.08	34.720	24.6			
Geomean FY '01			4.5		7.8		2.3								0.09					
O1-5S-69r	8/21/01	1126	0.14	4.3	0.29	4.1	0.02	0.3	4.0	112					0.12	34.745	26.7			
O1-5S-69r	10/8/01	929	0.12	3.7	0.11	1.5	0.07	1.0	3.0	83					0.08	34.929	27.2			
O1-5S-69r	3/5/02	1046	0.15	4.6	0.49	6.9	0.06	0.8	7.4	208					0.11	34.574	24.3			
O1-5S-69r	4/17/02	1107	0.13	4.0	0.23	3.2	0.22	3.1	3.6	102					0.08	34.455	25.7			
Geomean FY '02			4.2		3.4		0.9								0.10					
O1-5S-69r	7/8/02	955	0.12	3.7	0.12	1.7	0.12	1.7	4.7	131					0.08	34.638	26.5			
O1-5S-69r	10/9/02	1050	0.04	1.2	0.11	1.5	0.06	0.8	4.6	130					0.07	34.956	26.9			
O1-5S-69r	3/11/03	933	0.17	5.3	1.62	22.7	0.04	0.6	11.0	308					0.09	34.738	24.4			
O1-5S-69r	4/22/03	1044	0.12	3.7	1.28	17.9	0.09	1.3	7.9	222					0.08	34.845	25.2			
Geomean FY '03			3.1		5.7		1.0								0.08					
O1-5S-69r	8/18/03	1040	0.04	1.2	0.01	0.1	0.30	4.2	3.4	95					0.02	34.806	27.6			
O1-5S-69r	10/29/03	1006	0.12	3.7	0.01	0.1	0.09	1.3	1.2	34					0.07	34.846	27.5			
O1-5S-69r	3/11/04	924	0.16	5.0	0.66	9.2	0.05	0.7	11.3	316					n/a	34.279	25.8			
O1-5S-69r	5/20/04	954	0.12	3.7	0.08	1.1	0.18	2.5	3.2	91					n/a	33.45	26.6			
Geomean FY '04			3.0		0.7		1.7								0.04					
O1-5S-69r	9/20/04	912	0.09	2.8	0.08	1.1	0.27	3.8	2.4	68					0.08	33.73	n/a			
O1-5S-69r	11/17/04	844	0.09	2.8	0.18	2.5	0.16	2.2	2.2	62					0.08	33.65	26.8			
O1-5S-69r	1/13/05	1010	0.05	1.5	0.19	2.7	0.05	0.7	2.7	77					0.08	34.854	25.9			
O1-5S-69r	4/11/05	955	0.20	6.2	1.66	23.3	0.38	5.3	12.4	348					0.08	34.175	25.1			
Geomean FY '05			2.9		3.6		2.4								0.08					

NELHA Water Quality Laboratory

Transect 1, Station 5

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O1-5S-69r	7/20/05	940	0.06	1.9	0.01	0.1	0.13	1.8	1.6	46					0.10	34.730	25.1			
O1-5S-69r	10/11/05	833	0.05	1.5	0.05	0.7	0.13	1.8	2.5	70					0.11	34.906	26.5			
O1-5S-69r	3/13/06	915	0.10	3.1	0.01	0.1	0.25	3.5	2.4	66					0.13	34.824	24.5			
O1-5S-69r	5/15/06	920	0.18	5.6	1.80	25.2	0.11	1.5	17.6	494					0.26	34.243	24.6			
Geomean FY '06			2.7		0.8		2.1								0.14					
O1-5S-69r	8/14/06	911	0.17	5.3	0.43	6.0	0.33	4.6	4.6	129					0.18	34.579	26.6			
O1-5S-69r	11/1/06	916	0.12	3.7	0.68	9.5	0.46	6.4	6.6	186					0.47	34.748	26.7			
O1-5S-69r	2/12/07	937	0.21	6.5	2.43	34.0	0.26	3.6	14.3	402					0.23	34.175	24.5			
O1-5S-69r	4/9/07	909	0.12	3.7	0.19	2.7	0.40	5.6	4.0	111					0.44	34.664	25.5			
Geomean FY '07			4.7		8.5		5.0								0.30					
T1-500m	9/26/07	832	0.11	3.5	0.06	0.9	0.31	4.4	5.0	141	0.32	9.9	4.2	59	0.07	34.992	26.8	8.11	6.20	0.05
T1-500m	12/13/07	1044	0.15	4.7	0.03	0.4			5.6	157	0.42	13.0	6.3	89	0.18	34.720	25.7	8.28	6.20	0.2
T1-500m	3/10/08	946	0.15	4.7	0.36	5.1	0.06	0.8	4.5	127	0.38	11.8	7.6	106	0.10	34.888	25.0	8.2	6.53	0.21
T1-500m	6/5/08	953	0.12	3.8	0.13	1.8	0.16	2.2	16.6	466	0.26	7.9	6.5	92	0.08	34.8146	25.0	8.07	6.63	0.13
Geomean FY '08			4.1		1.3		2.0				10.5		84		0.10					0.13
T1-500m	9/22/08	1101	0.05	1.4	0.05	0.7	0.14	2	1.4	40	0.25	7.8	5.9	83	0.08	34.839	26.7	8.02	6.27	0.05
T1-500m	11/17/08	939	0.16	5	0.04	0.5	0.14	1.9	2.8	80	0.37	11.5	5.5	77	0.20	34.966	25.6	8.24	5.99	0.08
T1-500m	2/9/09	939	0.09	2.9	0.21	2.9	0.12	1.7	2.9	81	0.17	5.2	4.9	69	0.09	35.047	24.9	8.06	6.04	0.01
T1-500m	4/13/09	932	0.14	4.4	0.30	4.2	3.47	48.6	4.6	128	0.48	15	10.5	147	0.18	34.924	24.1	8.15	6.03	0.1
Geomean FY '09			3.1		1.4		4.2				9.1		90		0.13					0.04
T1-500m	9/9/09	935	0.11	3.5	0.11	1.6	0.12	1.7	6.1	171	0.53	16.4	6.4	90	0.11	35.20	26.8	8.20	5.66	0.26
T1-500m	11/23/09	951	0.03	0.8	0.08	1.1	0.05	0.7	15.9	448	0.40	12.5	5.1	72	0.07	35.18	25.3	8.25	6.16	0.18
T1-500m	2/23/10	1002	0.15	4.6	0.00	0.05	0.48	6.7	14.5	407	0.38	11.9	4.0	57	0.04	35.06	24.6	8.21	6.03	0.23
T1-500m	5/25/10	1115	0.01	0.3	0.01	0.1	0.04	0.5	2.3	66	0.31	9.6	4.8	67	0.11	35.06	25.2	8.22	6.87	0.05
Geomean FY '10			1.4		0.3		1.4				12.4		70		0.08					0.15
T1-500m	8/10/10	955	0.02	0.6	0.67	9.4	0.05	0.7	7.2	202	0.27	8.3	3.6	50	0.06	34.77	25.98	8.22	6.28	0.06
T1-500m	11/8/10	943	0.00	0.1	0.02	0.3	0.07	1.0	7.0	197	0.32	9.9	4.4	62	0.04	35.31	26.58	8.25	6.17	0.03
T1-500m	1/11/11	957	0.11	3.5	0.00	0.05	0.07	1.0	0.6	17	0.42	13.1	3.0	43	0.04	35.04	25.12	8.21	6.34	0.13
T1-500m	4/26/11	953	0.10	3.2	0.21	3	0.08	1.1	4.7	132	0.46	14.1	3.5	49	0.08	34.94	25.03	8.22	6.33	0.14
Geomean FY '11			0.9		0.8		0.9				11.1		51		0.05					0.08

NELHA Water Quality Laboratory

Transect 1, Station 5

7/27/93 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-500m	7/26/11	1017	0.17	5.3	0.29	4	0.06	0.9	2.7	76	0.48	14.8	5.4	76	0.08	34.79	26.10	8.26	6.32	0.08
T1-500m	10/18/11	947	0.01	0.2	0.03	0.4	0.11	1.5	2.0	55	0.39	12	5.5	77	0.08	35.06	26.60	8.23	6.78	0.13
T1-500m	1/25/12	1013	0.06	1.9	0.01	0.2	0.04	0.6	1.8	51	0.41	12.7	6.2	87	0.07	35.04	24.77	8.20	6.74	0.08
T1-500m	4/24/12	1038	0.09	2.8	0.03	0.4	0.15	2.1	0.9	24	0.38	11.9	4.4	62	0.11	35.19	24.64	8.22	6.66	0.08
Geomean FY '12			1.5		0.6		1.1				12.8		75		0.08					0.09
T1-500m	7/24/12	956	0.00	0.1	0.16	2.3	0.09	1.3	1.6	44	0.37	11.5	5.5	77	0.03	35.09	26.36	8.23	6.76	0.08
T1-500m	11/27/12	950	0.06	2	0.16	2.3	0.31	4.4	2.5	71	0.42	13	5.9	82	0.09	35.22	25.10	8.21	6.87	0.09
T1-500m	1/24/13	957	0.05	1.6	0.01	0.1	0.12	1.7	1.1	31	0.47	14.5	6.2	88	0.04	35.10	24.69	8.22	6.33	0.09
T1-500m	4/16/13	1003	0.14	4.3	0.04	0.6	0.07	1	0.7	18	0.46	14.3	6.2	88	0.03	35.12	24.91	8.21	6.74	0.05
Geomean FY '13			1.1		0.8		1.8				13.3		83		0.04					0.08
T1-500m	8/1/13	911	0.03	0.8	0.24	3.3	0.06	0.9	6.6	184	0.41	12.6	5.7	80	0.06	35.09	26.0	8.25	6.14	0.15
T1-500m	10/29/13	946	0.12	3.8	0.18	2.5	0.41	5.8	2.3	66	0.42	13.0	5.3	74	0.02	35.28	27.1	8.20	6.13	0.24
T1-500m	2/4/14	949	0.08	2.4	0.07	1.0	0.24	3.4	2.9	80	0.41	12.8	6.3	89	0.02	34.91	25.3	8.23	6.25	0.22
T1-500m	5/6/14	951	0.06	1.9	0.01	0.2	0.15	2.1	1.2	33	0.43	13.3	6.0	84	0.06	34.83	26.0	8.22	6.12	0.14
Geomean FY '14			1.9		1.1		2.5				12.9		81		0.03					0.18
T1-500m	8/5/14	957	0.16	5.1	0.07	1.0	0.31	4.4	1.2	34	0.55	16.9	5.0	69	0.11	34.98	26.8	8.22	5.86	0.11
T1-500m	11/17/14	1137	0.15	4.5	0.09	1.2	0.42	5.9	0.5	13	0.42	13.0	5.3	74	0.10	35.00	27.1	8.21	6.81	0.22
T1-500m	3/3/15	953	0.03	0.9	0.54	7.6	0.09	1.2	5.1	144	0.10	3.2	7.0	98	0.07	34.72	25.6	8.15	6.66	0.16
T1-500m	6/16/15	1104	0.11	3.3	0.55	7.7	0.19	2.6	4.8	135	0.41	12.6	5.7	80	0.05	34.11	26.6	8.21	6.02	0.18
Geomean FY '15			2.9		2.9		3.0				9.7		79		0.08					0.16
T1-500m	8/26/15	1204	0.12	3.7	0.03	0.4	0.18	2.5	1.1	31	0.39	12.2	4.8	67	0.02	34.60	28.6	8.21	6.25	0.11
T1-500m	11/17/15	1004	0.14	4.3	0.44	6.2	0.19	2.6	4.7	132	0.52	16.2	6.1	85	0.05	33.95	27.3	8.21	6.19	0.19
T1-500m	3/1/16	1005	0.14	4.4	0.39	5.4	1.06	14.8	2.5	71	0.46	14.4	5.7	80	0.07	34.71	25.5	8.24	5.70	0.10
T1-500m	5/3/16	937	0.12	3.8	0.11	1.6	0.09	1.3	0.3	9	0.47	14.6	10.1	142	0.06	34.72	25.5	8.27	6.38	0.24
Geomean FY '16			4.0		2.2		3.3				14.3		90		0.05					0.15
T1-500m	7/6/16	1021	0.08	2.4	0.23	3.2	0.26	3.7	1.6	44	0.48	14.9	5.3	74	0.07	34.53	26.9	8.25	6.64	0.26
T1-500m	12/20/16	1013	0.04	1.3	0.14	1.9	0.01	0.2	2.4	66	0.33	10.3	2.4	34	0.03	34.71	25.6	8.25	5.57	0.17
T1-500m	2/28/17	912	0.00	0.1	0.01	0.2	0.04	0.5	0.3	8	0.31	9.6	4.6	65	0.12	34.66	24.7	8.22	6.19	0.15
T1-500m	5/9/17	1033	0.04	1.3	0.25	3.5	0.34	4.8	2.2	63	0.24	7.3	3.3	46	0.09	34.61	25.7	8.20	4.63	0.09
Geomean FY '17			0.8		1.4		1.2				10.2		52		0.07					0.16

NELHA Water Quality Laboratory

Transect 1, Station 5

7/27/93 - 7/10/2025

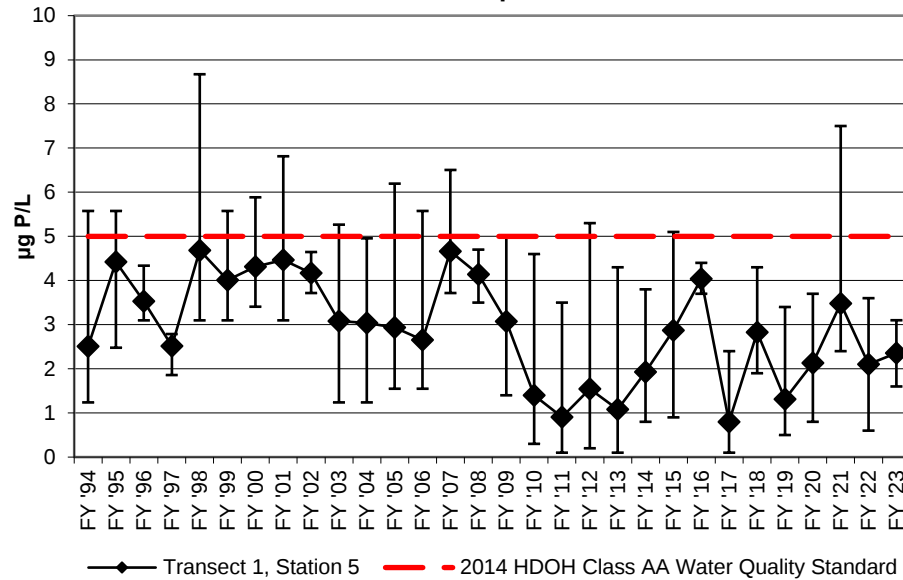
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T1-500m	9/27/17	1002	0.14	4.3	0.41	5.7	0.18	2.5	2.4	68	0.50	15.4	3.4	48	0.09	34.74	27.7	8.18	4.25	0.16
T1-500m	11/28/17	1056	0.10	3.0	0.55	7.7	0.25	3.5	2.0	55	0.38	11.7	3.2	45	0.06	35.08	26.2	8.19	4.82	0.17
T1-500m	1/30/18	1035	0.08	2.6	0.24	3.4	0.09	1.3	3.5	99	0.37	11.4	4.2	59	0.09	34.84	24.5	8.16	5.28	0.18
T1-500m	5/16/18	1034	0.06	1.9	0.09	1.2	0.09	1.3	1.6	46	0.36	11.1	4.5	63	0.03	34.79	25.6	8.16	5.96	0.12
Geomean FY '18			2.8		3.7		2.0				12.3		53		0.06					0.16
T1-500m	9/24/18	1004	0.02	0.5	0.16	2.3	0.19	2.6	0.0	1	0.36	11.3	3.2	45	0.08	34.78	27.9	8.17	5.17	0.37
T1-500m	11/13/18	1040	0.02	0.7	0.14	2.0	0.24	3.4	0.1	4	0.38	11.7	3.5	49	0.07	35.02	27.3	8.21	4.59	0.18
T1-500m	1/22/19	1028	0.08	2.5	0.09	1.3	0.12	1.7	0.2	6	0.39	12.2	2.3	33	0.05	34.96	25.0	8.22	5.70	0.18
T1-500m	4/16/19	1027	0.11	3.4	0.04	0.5	0.44	6.2	1.1	31	0.38	11.8	2.6	37	0.03	35.65	25.8	8.13	7.09	0.09
Geomean FY '19			1.3		1.3		3.1				11.7		40		0.05					0.18
T1-500m	8/13/19	1159	0.03	0.8	0.16	2.3	0.09	1.3	1.4	39	0.28	8.7	2.0	29	0.10	35.70	28.5	8.22	6.50	0.11
T1-500m	11/19/19	1157	0.09	2.8	0.06	0.8	0.74	10.3	0.3	9	0.43	13.3	2.5	35	0.08	34.87	27.7	8.24	6.39	0.14
T1-500m	1/22/20	957	0.12	3.7	0.16	2.3	0.09	1.3	0.5	14	0.41	12.6	2.6	36	0.03	34.92	25.0	8.21	6.60	0.12
T1-500m	6/24/20	1030	0.08	2.5	0.16	2.3	0.04	0.6	3.4	95	0.26	8.2	2.7	37	0.06	35.26	35.9	8.15	6.74	0.39
Geomean FY '20			2.1		1.7		1.8				10.5		34		0.06					0.16
T1-500m	9/22/20	1135	0.09	2.8	0.06	0.9	0.42	5.9	1.1	30	0.31	9.5	5.5	77	0.04	35.63	26.4	8.15	5.00	0.31
T1-500m	12/15/20	1111	0.09	2.9	0.10	1.4	0.31	4.4	0.0	0	0.24	7.4	5.3	74	0.06	35.81	26.7	8.11	6.57	0.24
T1-500m	3/9/21	1137	0.24	7.5	0.01	0.2	0.10	1.4	3.8	107	0.33	10.3	4.5	63	0.07	35.66	24.6	8.11	6.78	0.22
T1-500m	5/26/21	1043	0.08	2.4	0.75	10.5	0.16	2.3	4.5	125	0.16	4.9	5.3	75	0.08	35.46	25.7	8.01	6.78	0.14
Geomean FY '21			3.5		1.3		3.0				7.7		72		0.06					0.22
T1-500m	9/22/21	948	0.02	0.6	0.16	2.2	0.10	1.4	0.8	22	0.19	5.9	4.8	67	0.10	35.52	26.3	7.98	6.67	0.19
T1-500m	12/14/21	948	0.10	3.1	0.14	1.9	0.13	1.8	0.0	1	0.30	9.2	4.9	69	0.10	35.12	25.9	8.13	6.67	0.15
T1-500m	3/15/22	927	0.12	3.6	0.27	3.8	0.03	0.4	3.0	85	0.30	9.3	4.7	67	0.09	34.86	25.5	8.09	6.79	0.20
T1-500m	6/8/22	931	0.09	2.9	0.16	2.2	0.21	2.9	1.2	34	0.26	8.1	4.9	69	0.05	34.50	26.2	8.07	6.73	0.19
Geomean FY '22			2.1		2.4		1.3				8.0		68		0.08					0.18
T1-500m	9/21/22	908	0.08	2.5	0.08	1.1	0.01	0.2	0.0	1	0.25	7.8	4.6	64	0.13	34.94	27.0	8.12	6.67	0.21
T1-500m	12/27/22	936	0.08	2.5	0.05	0.7	0.27	3.8	-0.1	-2	0.15	4.6	5.1	71	0.11	34.99	25.8	8.13	6.71	0.20
T1-500m	3/15/23	924	0.10	3.1	0.21	2.9	0.08	1.1	2.1	59	0.23	7.0	4.7	66	0.08	34.73	24.3	8.09	6.92	0.32
T1-500m	5/31/23	928	0.05	1.6	1.06	14.8	0.09	1.3	8.4	235	0.22	6.8	5.7	80	0.12	34.52	25.6	8.06	6.64	0.16
Geomean FY '23			2.4		2.4		1.0				6.4		70		0.11					0.22

NELHA Water Quality Laboratory

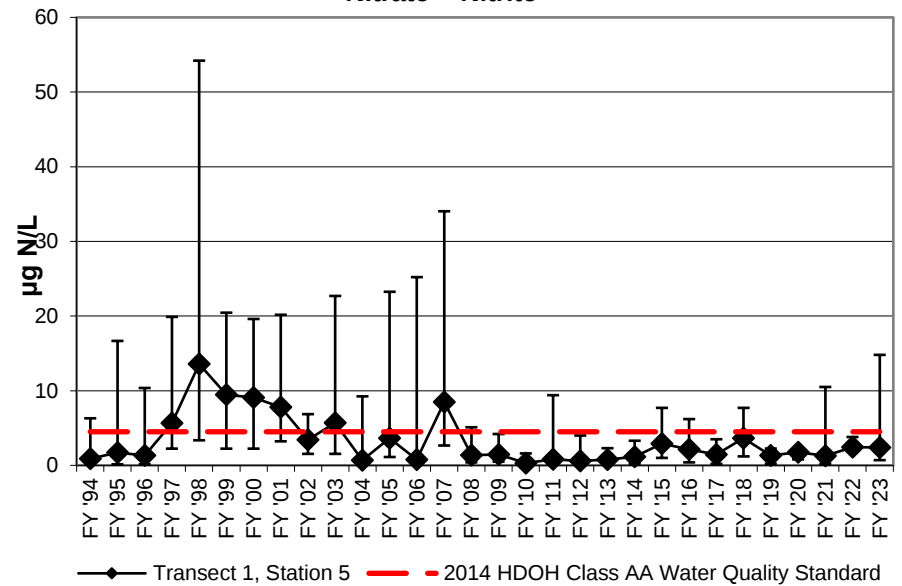
Transect 1, Station 5

7/27/93 - 7/10/2025

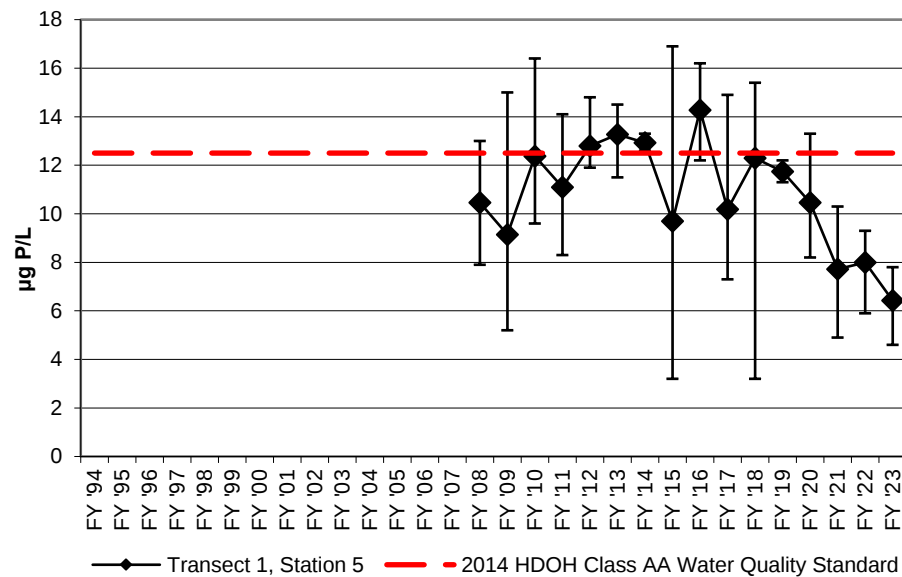
**Yearly Geometric Mean
Ortho-Phosphate**



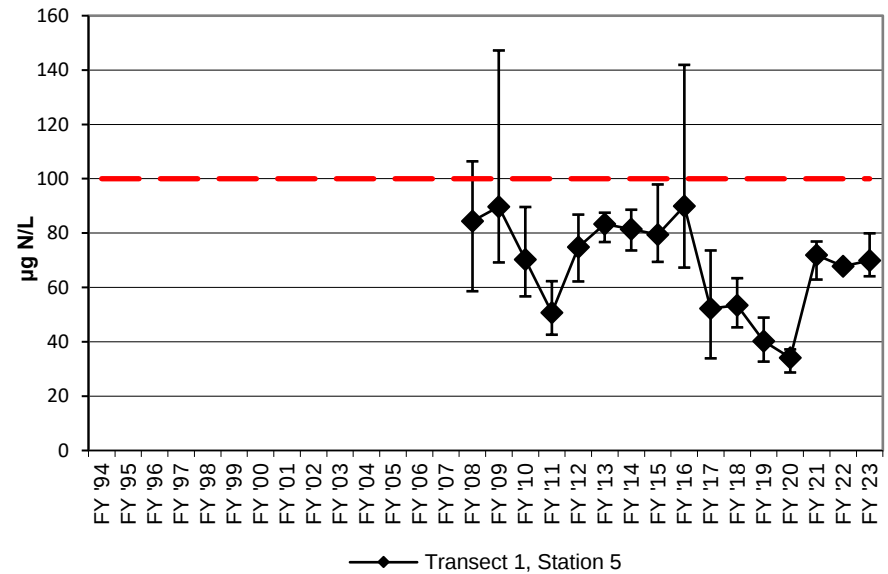
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

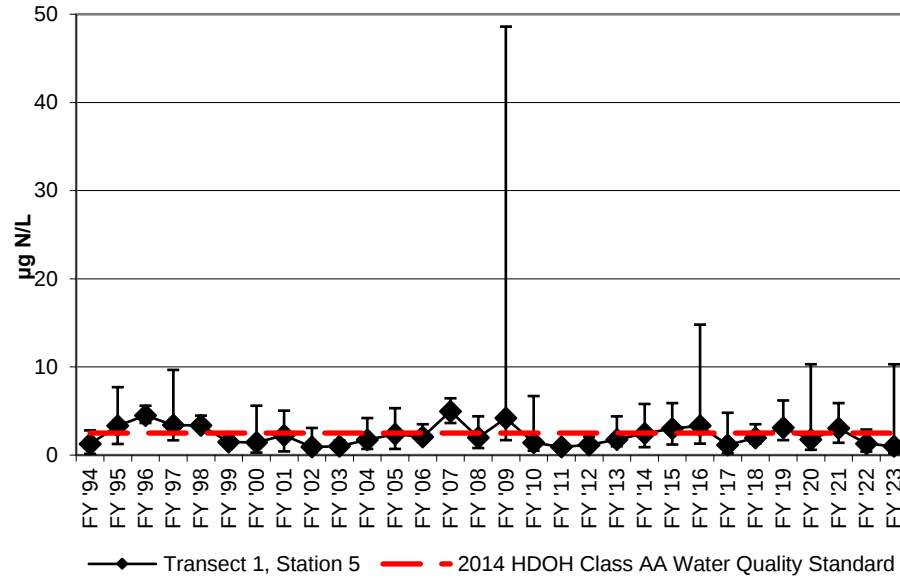


NELHA Water Quality Laboratory

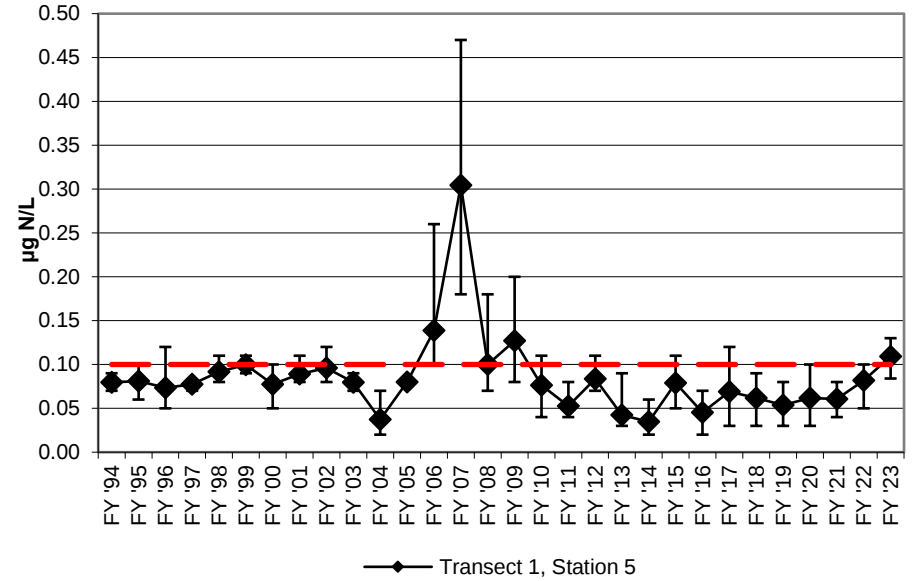
Transect 1, Station 5

7/27/93 - 7/10/2025

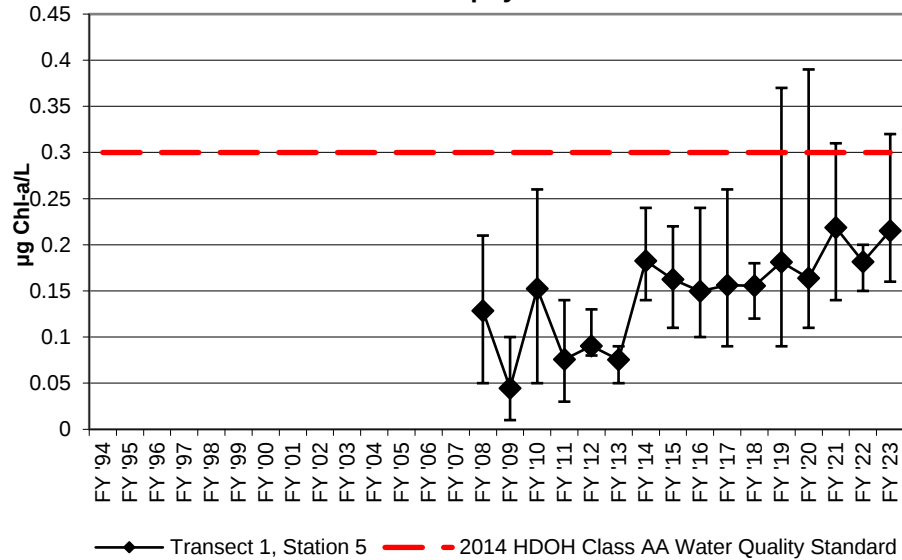
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 1

July 2019 - June 2020

SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(µM)	(µg P/L)	(µM)	(µg N/L)	(µM)	(µg N/L)	(µM)	(µg Si/L)	(µM)	(µg P/L)	(µM)	(µg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(µg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	8/13/19	1140	1.0	Flood	0.04	1.2	0.16	2.3	0.35	4.9	1.1	32	0.25	7.8	2.63	37	0.09	35.69	28.4	8.20	6.81	0.24
T1-1m	11/19/19	1139	1.8	High	0.12	3.8	0.16	2.3	0.21	3.0	0.8	23	0.37	11.4	2.67	37	0.11	34.80	27.5	8.23	6.57	0.16
T1-1m	1/22/20	932	0.4	Low	0.16	5.1	0.41	5.7	0.09	1.3	3.9	108	0.45	14.0	3.98	56	0.04	34.94	25.0	8.21	6.84	0.15
T1-1m	6/24/20	1010	-0.1	Low	0.14	4.2	0.80	11.2	0.21	2.9	7.3	206	0.34	10.5	4.24	59	0.08	35.32	25.8	8.14	7.02	0.36
Geomear FY '20					0.10	3.1	0.30	4.3	0.2	2.7			0.3	10.7	3.3	46	0.08					0.21
T1-10m	8/13/19	1144	1.0	Flood	0.03	0.9	0.16	2.3	0.30	4.2	1.1	31	0.28	8.8	1.87	26	0.09	35.70	28.3	8.21	6.52	0.22
T1-10m	11/19/19	1143	1.8	High	0.12	3.7	0.17	2.4	0.49	6.8	0.9	25	0.38	11.8	2.58	36	0.13	34.84	27.6	8.24	6.70	0.16
T1-10m	1/22/20	937	0.4	Low	0.13	3.9	0.16	2.3	0.09	1.3	1.8	52	0.39	12.0	2.86	40	0.09	34.92	25.1	8.22	6.65	0.14
T1-10m	6/24/20	1014	-0.1	Low	0.07	2.3	0.16	2.3	0.14	1.9	1.3	37	0.34	10.5	2.13	30	0.06	35.33	25.8	8.16	6.97	0.29
Geomear FY '20					0.07548	2.3	0.16	2.3	0.20	2.9			0.35	10.7	2.3	33	0.09					0.19
T1-50m	8/13/19	1148	1.0	Flood	0.04	1.3	0.16	2.3	0.09	1.3	3.1	88	0.29	8.9	2.16	30	0.1	35.68	28.3	8.22	6.54	0.12
T1-50m	11/19/19	1146	1.8	High	0.11	3.5	0.29	4.1	0.60	8.4	1.8	50	0.38	11.7	2.59	36	0.10	34.81	27.6	8.24	6.70	0.17
T1-50m	1/22/20	943	0.4	Low	0.11	3.5	0.16	2.3	0.09	1.3	0.5	15	0.39	12.1	2.55	36	0.04	34.92	25.0	8.22	6.68	0.19
T1-50m	6/24/20	1019	-0.1	Low	0.08	2.4	0.16	2.3	0.09	1.3	1.9	55	0.36	11.0	2.43	34	0.07	35.34	25.8	8.16	6.88	0.33
Geomear FY '20					0.08	2.5	0.19	2.6	0.15	2.0			0.35	10.9	2.4	34	0.07					0.19
T1-100m	8/13/19	1152	1.0	Flood	0.04	1.1	0.09	1.2	0.18	2.5	4.6	129	0.30	9.2	2.69	38	0.10	35.58	28.4	8.22	6.71	0.23
T1-100m	11/19/19	1151	1.8	High	0.11	3.4	0.17	2.4	0.60	8.4	0.6	16	0.40	12.5	2.27	32	0.09	34.78	27.6	8.23	6.65	0.19
T1-100m	1/22/20	949	0.4	Low	0.10	3.1	0.16	2.3	0.09	1.3	-0.2	-5	0.38	11.9	2.27	32	0.06	34.91	25.1	8.22	6.66	0.25
T1-100m	6/24/20	1023	-0.1	Low	0.08	2.4	0.16	2.3	0.09	1.3	2.4	67	0.33	10.3	2.21	31	0.07	35.28	25.8	8.16	6.84	0.32
Geomear FY '20					0.07	2.3	0.14	2.0	0.17	2.4			0.35	10.9	2.4	33	0.08					0.24
T1-500m	8/13/19	1159	1.0	Flood	0.03	0.8	0.16	2.3	0.09	1.3	1.4	39	0.28	8.7	2.05	29	0.10	35.70	28.5	8.22	6.50	0.11
T1-500m	11/19/19	1157	1.8	High	0.09	2.8	0.06	0.8	0.74	10.3	0.3	9	0.43	13.3	2.52	35	0.08	34.87	27.7	8.24	6.39	0.14
T1-500m	1/22/20	957	0.4	Low	0.12	3.7	0.16	2.3	0.09	1.3	0.5	14	0.41	12.6	2.57	36	0.03	34.92	25.0	8.21	6.60	0.12
T1-500m	6/24/20	1030	-0.1	Low	0.08	2.5	0.16	2.3	0.04	0.6	3.4	95	0.26	8.2	2.66	37	0.06	35.26	35.9	8.15	6.74	0.39
Geomear FY '20					0.07	2.1	0.12	1.7	0.13	1.8			0.34	10.5	2.4	34	0.06					0.16

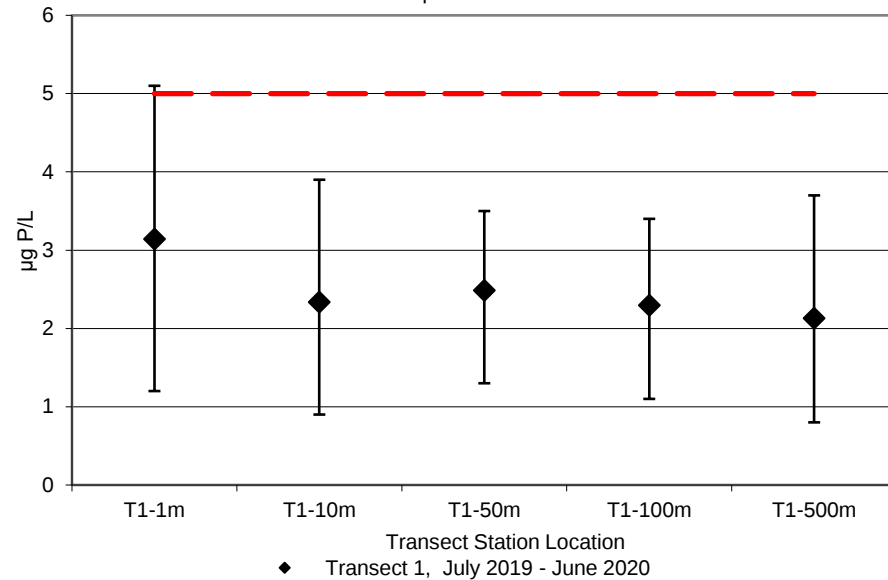
NELHA Water Quality Laboratory

Transect 1

July 2019 - June 2020

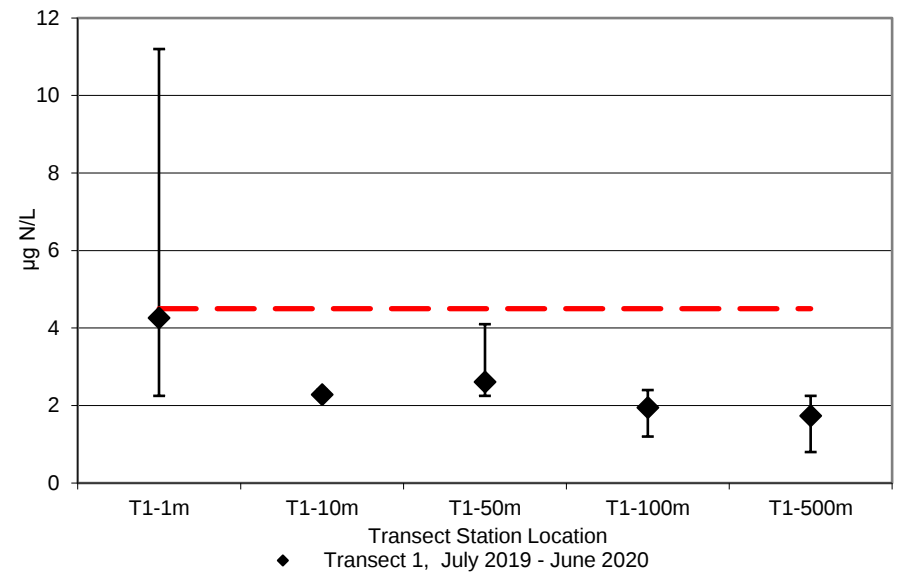
Transect 1 Station Summary

Ortho-Phosphate Geometric Mean



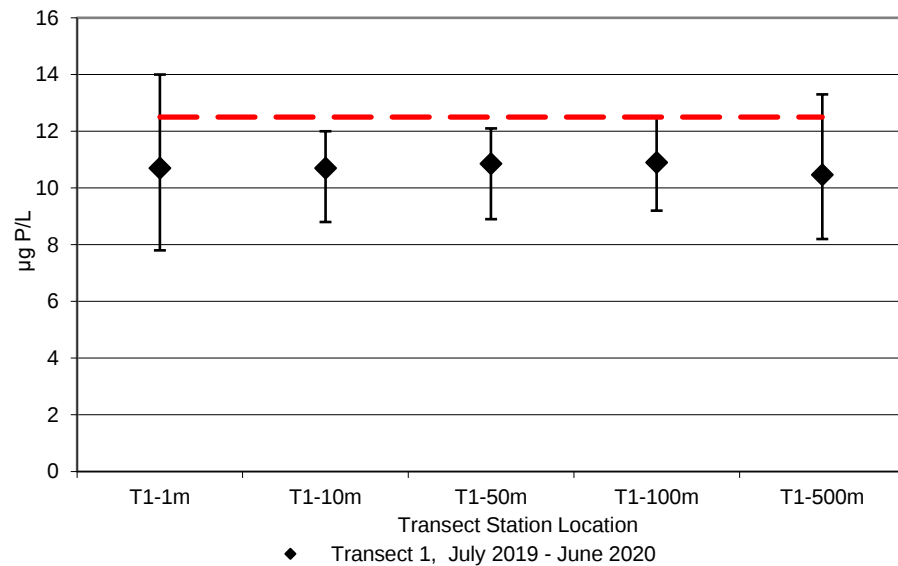
Transect 1 Station Summary

Nitrate + Nitrite Geometric Mean



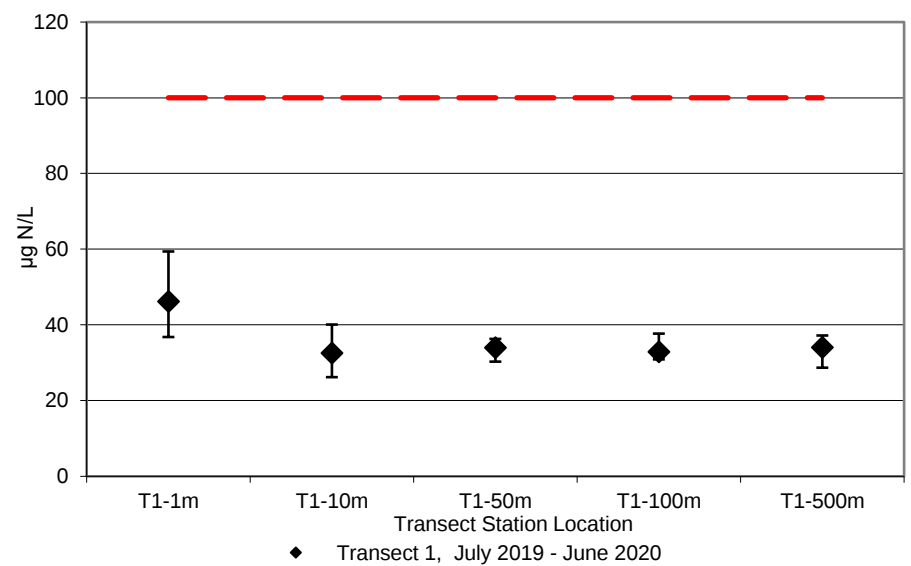
Transect 1 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary

Total Dissolved Nitrogen Geometric Mean



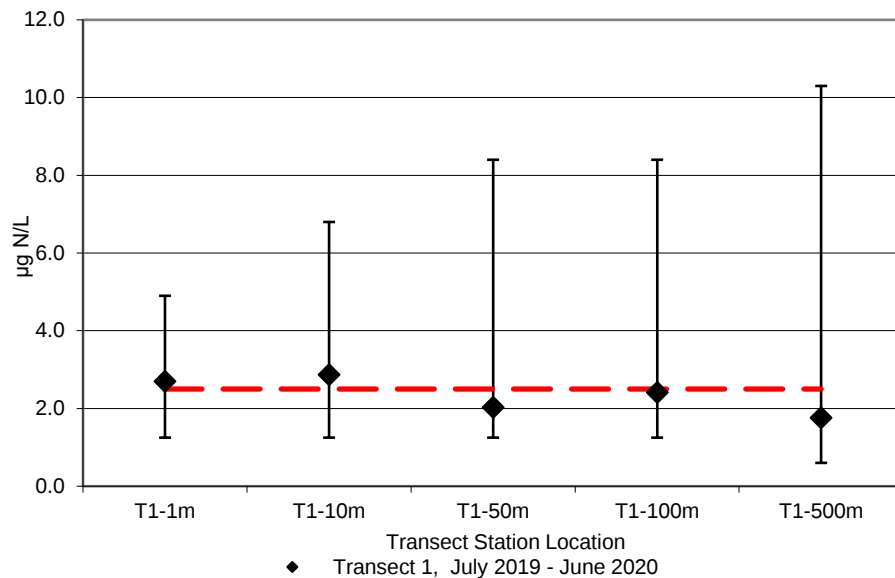
NELHA Water Quality Laboratory

Transect 1

July 2019 - June 2020

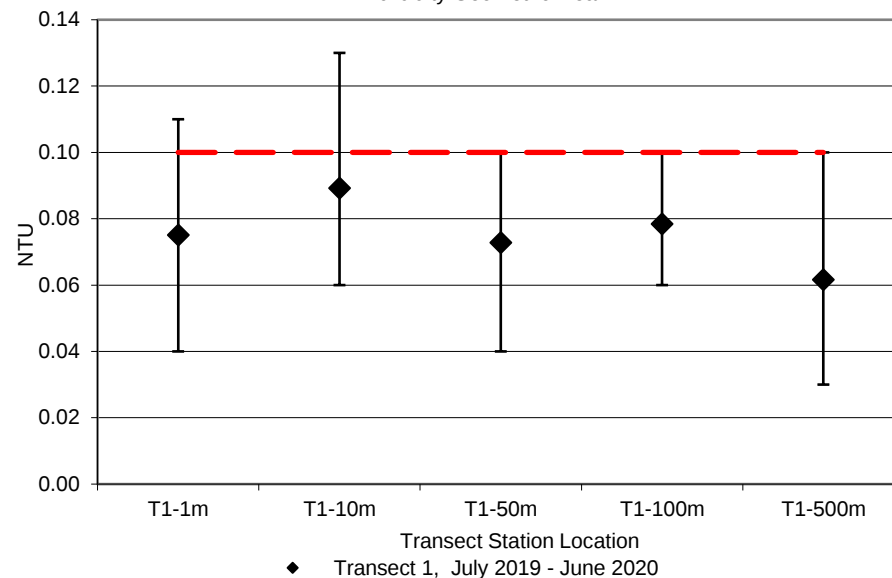
Transect 1 Station Summary

Total Ammonia Geometric Mean



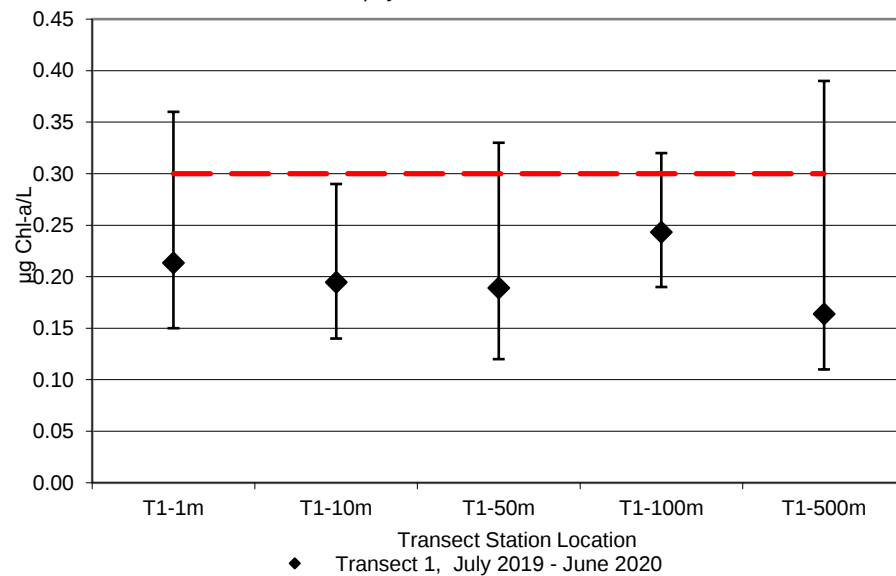
Transect 1 Station Summary

Turbidity Geometric Mean



Transect 1 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2018 - June 2019

SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	9/24/18	927	0.1	Low	0.10	3.0	0.16	2.3	0.28	3.9	4.2	119	0.39	12.1	5.13	72	0.12	34.52	27.7	8.19	5.33	0.15
T1-1m	11/13/18	1021	1.6	Ebb	0.13	4.1	1.32	18.5	0.29	4.1	5.1	143	0.54	16.7	5.75	81	0.12	34.86	27.3	8.22	5.06	0.24
T1-1m	1/22/19	1009	0.5	Ebb	0.17	5.3	0.86	12.0	0.16	2.3	6.8	191	0.44	13.5	3.72	52	0.10	34.81	24.9	8.24	5.97	0.22
T1-1m	4/16/19	959	0.3	Flood	0.15	4.7	0.37	5.2	0.24	3.3	2.9	83	0.49	15.2	3.34	47	0.05	35.61	25.7	8.11	7.56	0.13
Geomear FY '19					0.14	4.2	0.51	7.1	0.2	3.3			0.5	14.3	4.4	61	0.09					0.18
T1-10m	9/24/18	936	0.1	Low	0.07	2.1	0.16	2.3	0.32	4.5	3.2	91	0.38	11.8	3.17	44	0.10	34.64	27.7	8.18	5.29	0.16
T1-10m	11/13/18	1024	1.6	Ebb	0.04	1.2	0.38	5.3	0.36	5.0	0.3	9	0.36	11.2	4.04	57	0.09	35.00	27.3	8.19	4.67	0.20
T1-10m	1/22/19	1013	0.5	Ebb	0.16	4.9	0.91	12.8	0.08	1.1	6.2	175	0.43	13.4	3.36	47	0.08	34.78	24.9	8.23	5.88	0.26
T1-10m	4/16/19	1006	0.3	Flood	0.14	4.2	0.27	3.8	0.25	3.5	2.1	58	0.40	12.3	4.44	62	0.05	35.65	25.7	8.10	7.27	0.09
Geomear FY '19					0.09	2.7	0.35	4.9	0.22	3.1			0.39	12.1	3.7	52	0.08					0.17
T1-50m	9/24/18	943	0.1	Low	0.10	3.1	0.16	2.3	0.33	4.6	6.6	187	0.44	13.5	4.68	66	0.11	34.61	27.7	8.18	5.29	0.21
T1-50m	11/13/18	1029	1.6	Ebb	0.05	1.5	0.41	5.7	0.25	3.5	1.7	49	0.35	10.7	3.91	55	0.10	34.98	27.3	8.20	4.65	0.20
T1-50m	1/22/19	1016	0.5	Ebb	0.10	3.1	0.19	2.6	0.04	0.5	1.6	44	0.38	11.7	2.16	30	0.06	34.80	25.0	8.22	5.70	0.36
T1-50m	4/16/19	1012	0.3	Flood	0.14	4.3	0.38	5.3	0.38	5.3	4.6	130	0.41	12.6	2.92	41	0.04	35.59	25.6	8.11	7.20	0.12
Geomear FY '19					0.09	2.8	0.26	3.6	0.18	2.6			0.39	12.1	3.3	46	0.07					0.21
T1-100m	9/24/18	952	0.1	Low	0.07	2.2	0.16	2.3	0.29	4.1	6.5	184	0.48	14.8	6.07	85	0.08	34.60	27.7	8.16	5.10	0.17
T1-100m	11/13/18	1033	1.6	Ebb	0.02	0.6	0.19	2.6	0.24	3.4	0.3	9	0.35	10.8	5.64	79	0.08	35.01	27.2	8.20	4.60	0.21
T1-100m	1/22/19	1021	0.5	Ebb	0.10	3.2	0.34	4.8	0.02	0.3	2.6	73	0.39	12.0	2.58	36	0.07	34.87	25.0	8.23	5.71	0.36
T1-100m	4/16/19	1018	0.3	Flood	0.12	3.8	0.21	2.9	0.39	5.5	1.9	53	0.40	12.4	2.10	29	0.04	35.66	25.7	8.12	7.22	0.09
Geomear FY '19					0.06	2.0	0.21	3.0	0.16	2.2			0.40	12.4	3.7	52	0.07					0.18
T1-500m	9/24/18	1004	0.1	Low	0.02	0.5	0.16	2.3	0.19	2.6	0.0	1	0.36	11.3	3.18	45	0.08	34.78	27.9	8.17	5.17	0.37
T1-500m	11/13/18	1040	1.6	Ebb	0.02	0.7	0.14	2.0	0.24	3.4	0.1	4	0.38	11.7	3.49	49	0.07	35.02	27.3	8.21	4.59	0.18
T1-500m	1/22/19	1028	0.5	Ebb	0.08	2.5	0.09	1.3	0.12	1.7	0.2	6	0.39	12.2	2.33	33	0.05	34.96	25.0	8.22	5.70	0.18
T1-500m	4/16/19	1027	0.3	Flood	0.11	3.4	0.04	0.5	0.44	6.2	1.1	31	0.38	11.8	2.62	37	0.03	35.65	25.8	8.13	7.09	0.09
Geomear FY '19					0.04	1.3	0.09	1.3	0.22	3.1			0.38	11.7	2.9	40	0.05					0.18

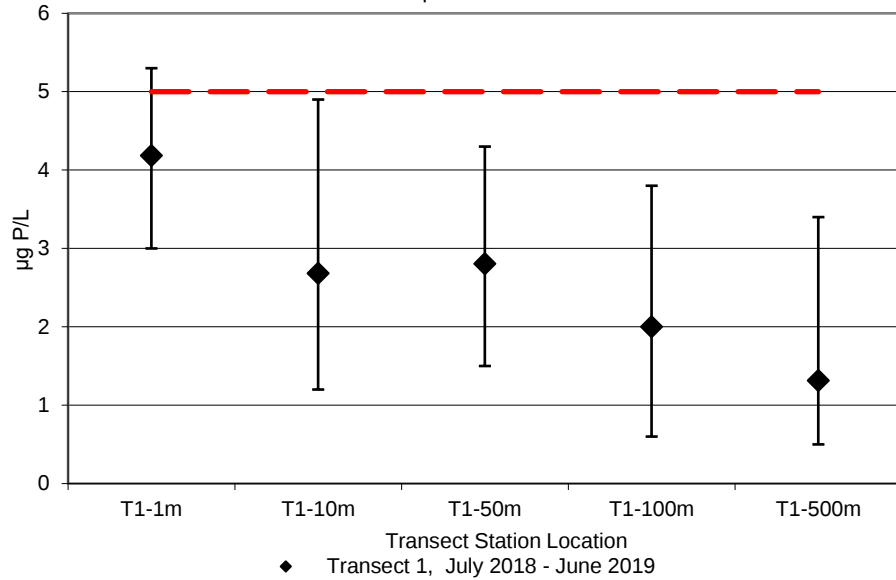
NELHA Water Quality Laboratory

Transect 1

July 2018 - June 2019

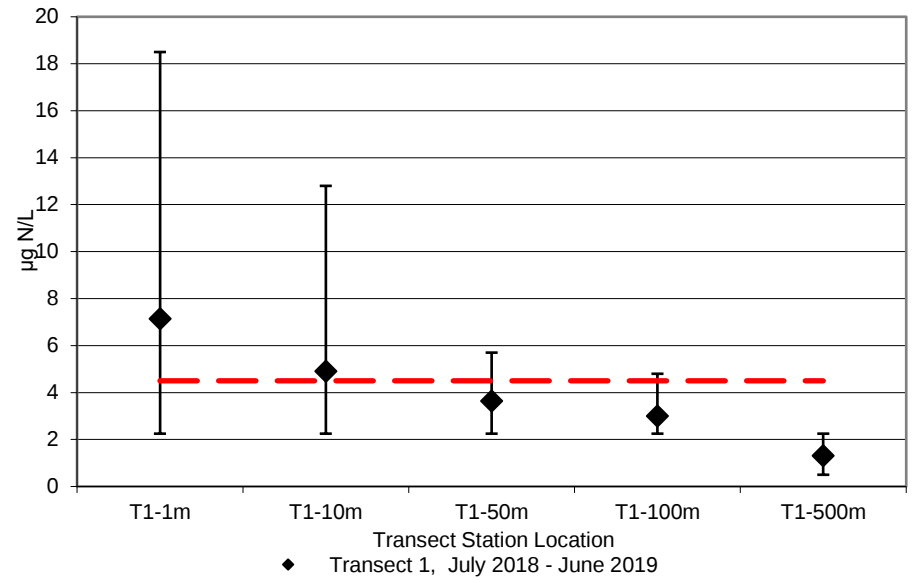
Transect 1 Station Summary

Ortho-Phosphate Geometric Mean



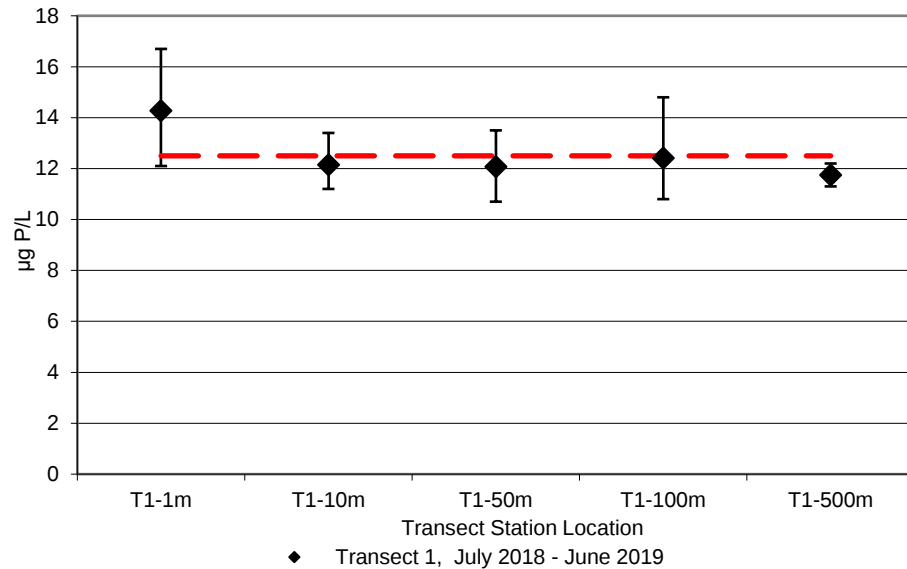
Transect 1 Station Summary

Nitrate + Nitrite Geometric Mean



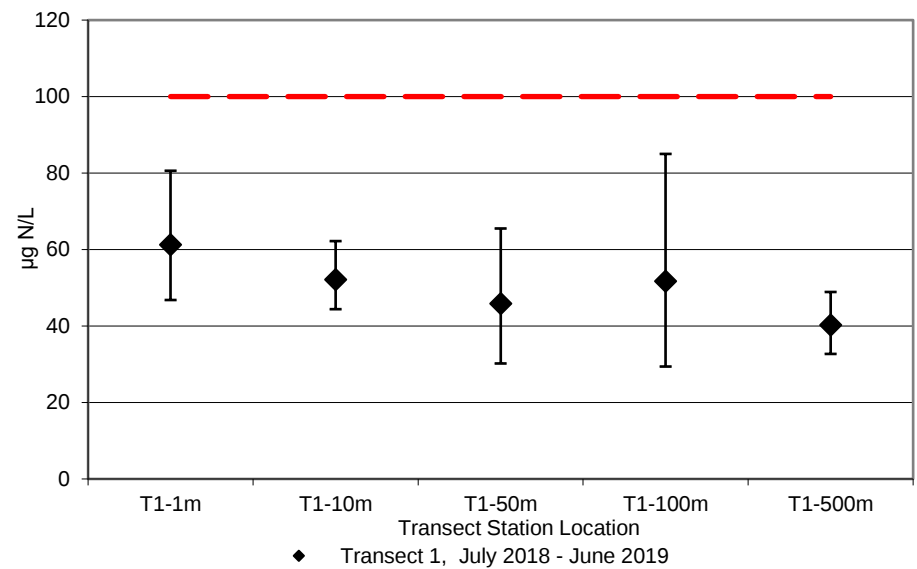
Transect 1 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary

Total Dissolved Nitrogen Geometric Mean



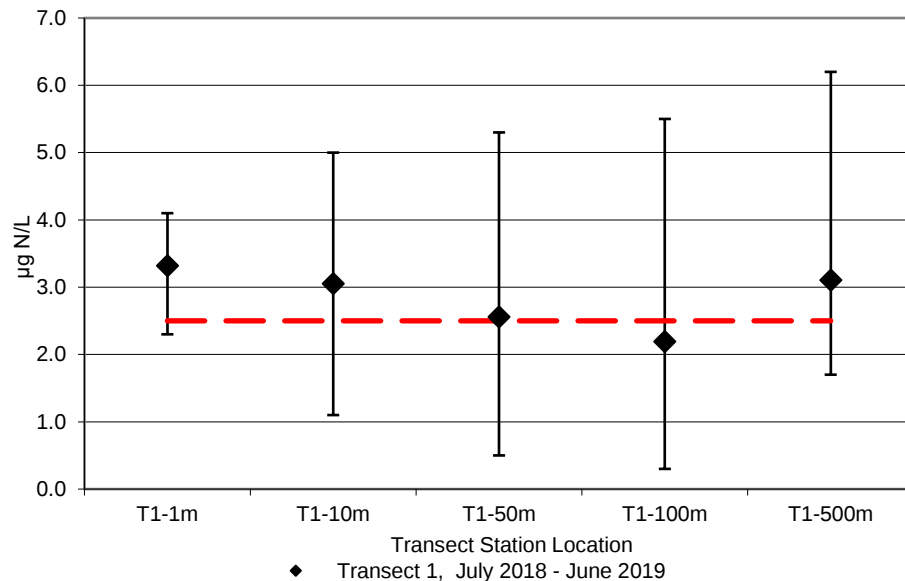
NELHA Water Quality Laboratory

Transect 1

July 2018 - June 2019

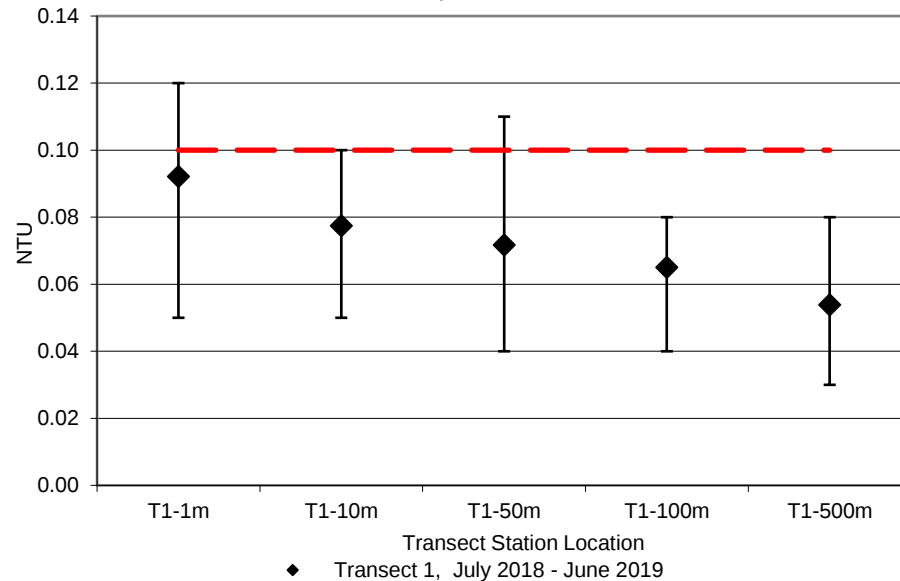
Transect 1 Station Summary

Total Ammonia Geometric Mean



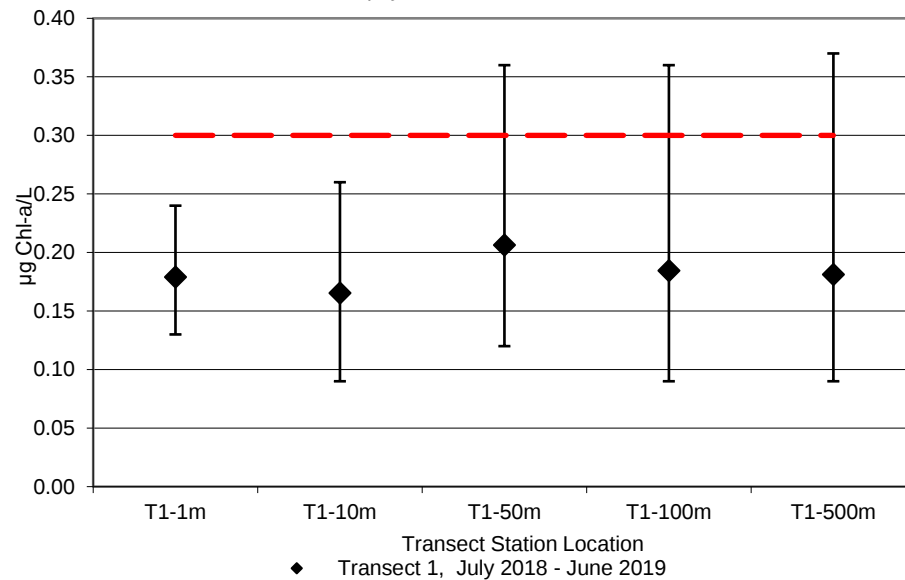
Transect 1 Station Summary

Turbidity Geometric Mean



Transect 1 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2017 - June 2018

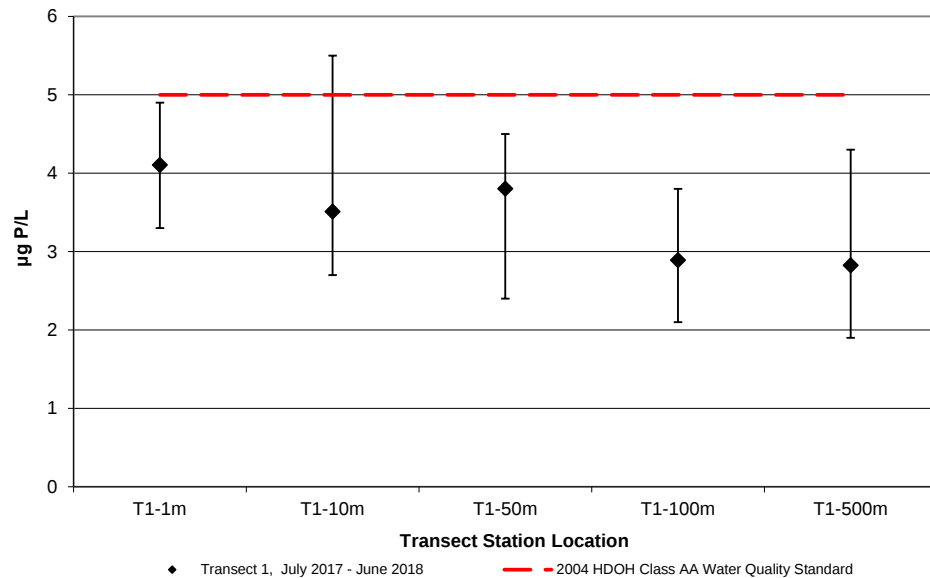
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	9/27/17	939	1.6 High	0.16	4.9	0.29	4.1	0.26	3.7	1.0	28	0.41	12.8	3.34	47	0.10	34.74	27.8	8.25	4.67	0.13
T1-1m	11/28/17	1026	1.6 Flood	0.13	4.0	0.44	6.1	0.56	7.8	3.4	96	0.42	12.9	5.47	77	0.11	35.05	26.1	8.16	5.09	0.21
T1-1m	1/30/18	1008	0.2 Low	0.11	3.3	0.24	3.3	0.17	2.4	2.4	66	0.36	11.3	3.71	52	0.10	34.81	24.6	8.16	5.58	0.27
T1-1m	5/16/18	1011	-0.4 Low	0.14	4.4	0.72	10.1	0.14	2.0	7.4	207	0.40	12.4	4.01	56	0.02	34.70	25.5	8.14	6.21	0.14
Geomean	FY '18			0.13	4.1	0.38	5.4	0.2	3.4			0.4	12.3	4.1	57	0.07					0.18
T1-10m	9/27/17	944	1.6 High	0.18	5.5	0.30	4.2	0.27	3.8	1.4	39	0.44	13.7	3.53	50	0.09	34.75	27.8	8.20	4.46	0.22
T1-10m	11/28/17	1033	1.6 Flood	0.12	3.8	0.56	7.8	0.36	5.1	3.9	109	0.41	12.6	5.15	72	0.10	35.01	26.1	8.16	4.90	0.20
T1-10m	1/30/18	1014	0.2 Low	0.09	2.7	0.10	1.4	0.15	2.1	1.7	47	0.33	10.1	2.11	30	0.09	34.83	24.6	8.16	5.42	0.21
T1-10m	5/16/18	1016	-0.4 Low	0.09	2.7	0.18	2.5	0.19	2.7	3.2	90	0.36	11.0	3.29	46	0.02	34.75	25.5	8.16	6.05	0.17
Geomean	FY '18			0.11343	3.5	0.23	3.3	0.23	3.2			0.38	11.8	3.4	47	0.06					0.20
T1-50m	9/27/17	949	1.6 High	0.14	4.4	0.26	3.7	0.21	2.9	1.4	39	0.39	12.2	3.35	47	0.08	34.74	27.7	8.20	4.35	0.20
T1-50m	11/28/17	1041	1.6 Flood	0.14	4.4	0.99	13.8	0.36	5.0	5.5	153	0.41	12.6	3.33	47	0.10	34.96	26.1	8.16	4.84	0.21
T1-50m	1/30/18	1020	0.2 Low	0.08	2.4	0.05	0.7	0.12	1.7	1.5	43	0.36	11.0	3.10	43	0.08	34.86	24.6	8.16	5.37	0.61
T1-50m	5/16/18	1021	-0.4 Low	0.15	4.5	0.26	3.7	1.52	21.3	4.7	133	0.53	16.5	19.59	274	0.02	34.73	25.5	8.16	6.04	0.11
Geomean	FY '18			0.12	3.8	0.24	3.4	0.34	4.8			0.42	12.9	5.1	71	0.06					0.23
T1-100m	9/27/17	954	1.6 High	0.11	3.5	0.16	2.3	0.12	1.7	1.6	46	0.43	13.3	4.29	60	0.09	34.76	27.8	8.20	4.35	0.17
T1-100m	11/28/17	1048	1.6 Flood	0.12	3.8	0.69	9.6	0.34	4.7	4.4	124	0.40	12.3	2.71	38	0.09	34.98	26.1	8.18	4.48	0.21
T1-100m	1/30/18	1026	0.2 Low	0.08	2.5	0.04	0.6	0.14	1.9	1.5	41	0.34	10.6	2.15	30	0.08	34.90	24.6	8.16	5.36	0.18
T1-100m	5/16/18	1026	-0.4 Low	0.07	2.1	0.04	0.5	0.11	1.5	2.5	71	0.35	10.7	2.08	29	0.02	34.74	25.5	8.16	5.95	0.11
Geomean	FY '18			0.09	2.9	0.11	1.6	0.16	2.2			0.38	11.7	2.7	38	0.06					0.16
T1-500m	9/27/17	1002	1.6 High	0.14	4.3	0.41	5.7	0.18	2.5	2.4	68	0.50	15.4	3.42	48	0.09	34.74	27.7	8.18	4.25	0.16
T1-500m	11/28/17	1056	1.6 Flood	0.10	3.0	0.55	7.7	0.25	3.5	2.0	55	0.38	11.7	3.23	45	0.06	35.08	26.2	8.19	4.82	0.17
T1-500m	1/30/18	1035	0.2 Low	0.08	2.6	0.24	3.4	0.09	1.3	3.5	99	0.37	11.4	4.22	59	0.09	34.84	24.5	8.16	5.28	0.18
T1-500m	5/16/18	1034	-0.4 Low	0.06	1.9	0.09	1.2	0.09	1.3	1.6	46	0.36	11.1	4.53	63	0.03	34.79	25.6	8.16	5.96	0.12
Geomean	FY '18			0.09	2.8	0.26	3.7	0.14	2.0			0.40	12.3	3.8	53	0.06					0.16

NELHA Water Quality Laboratory

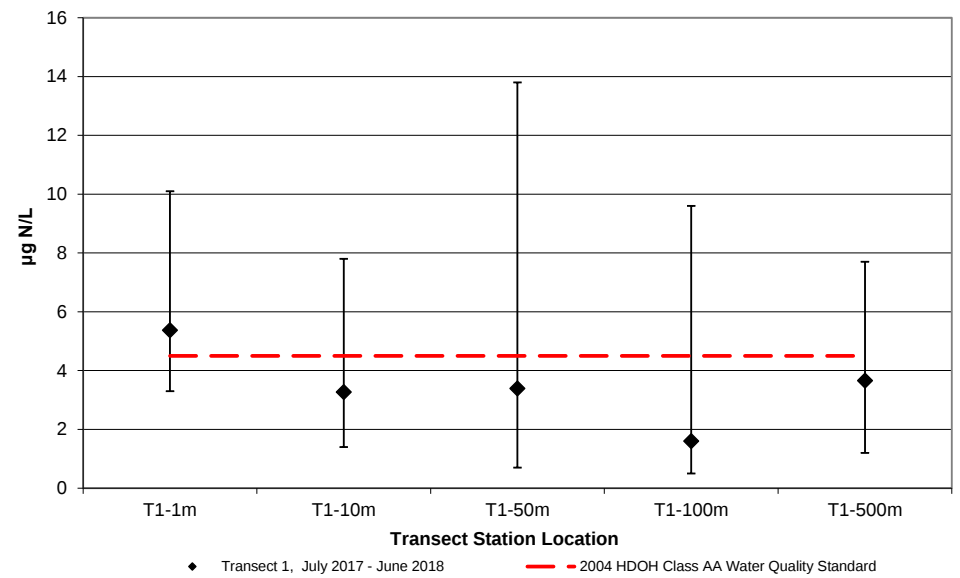
Transect 1

July 2017 - June 2018

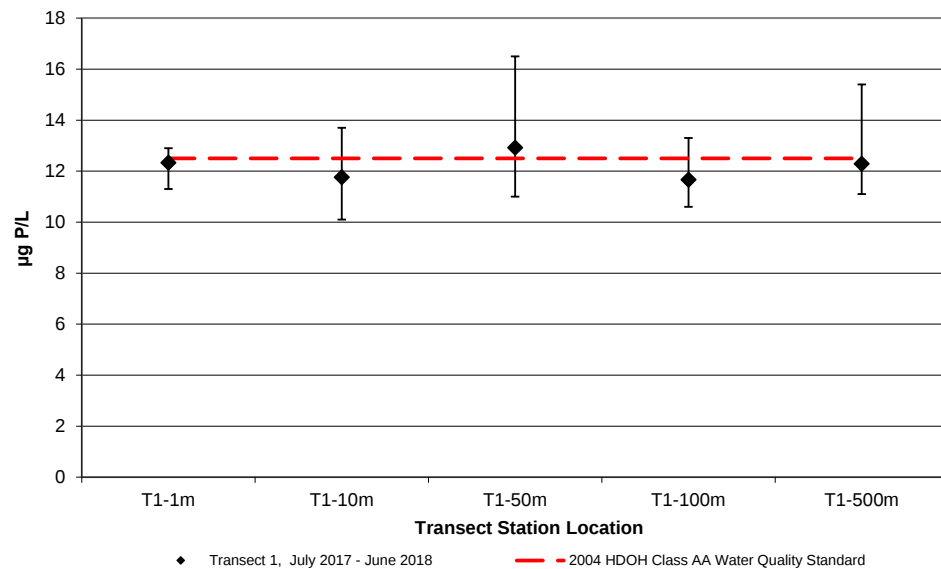
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



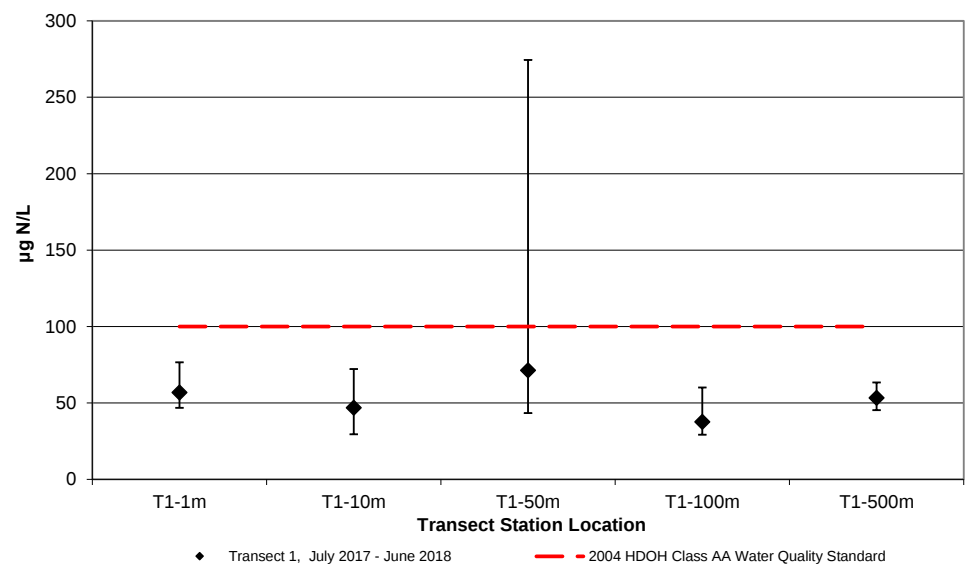
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean

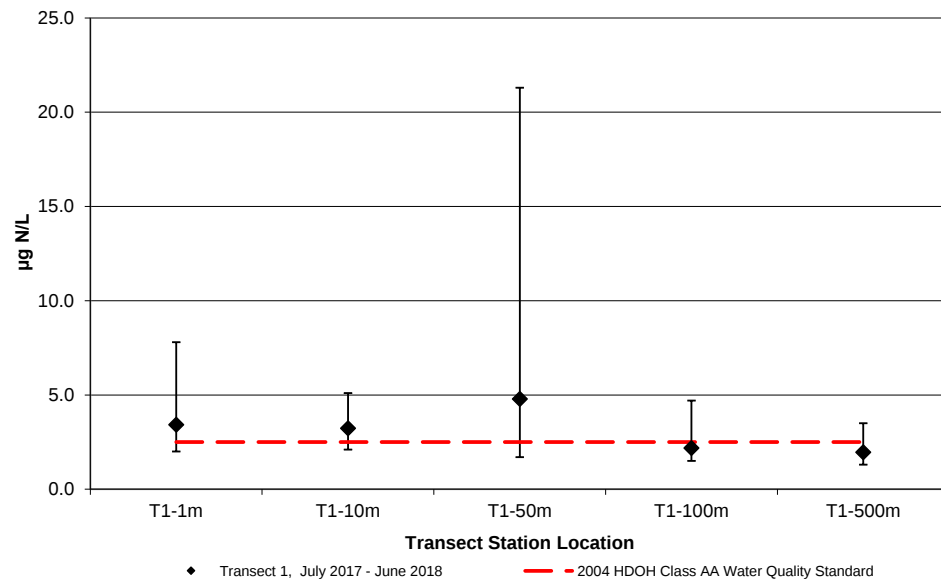


NELHA Water Quality Laboratory

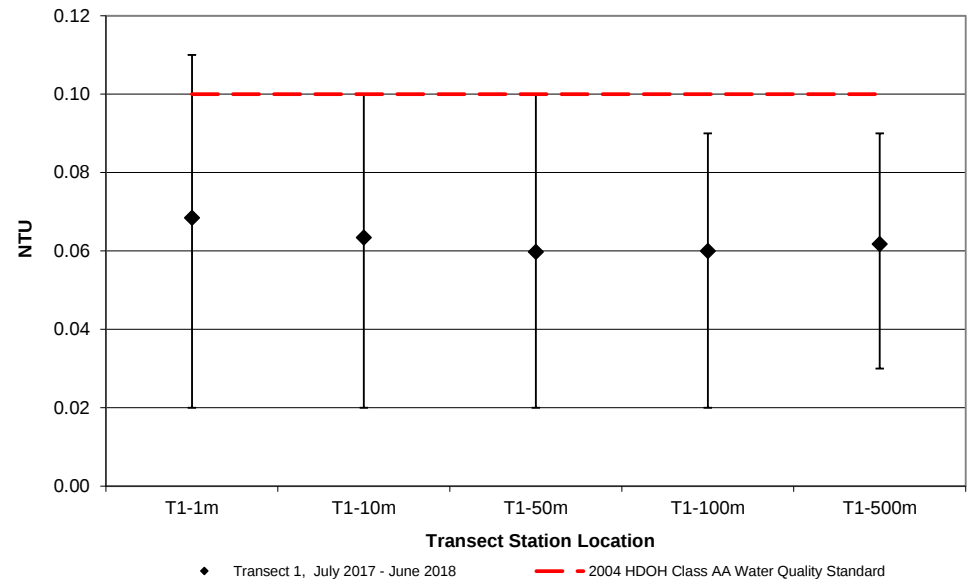
Transect 1

July 2017 - June 2018

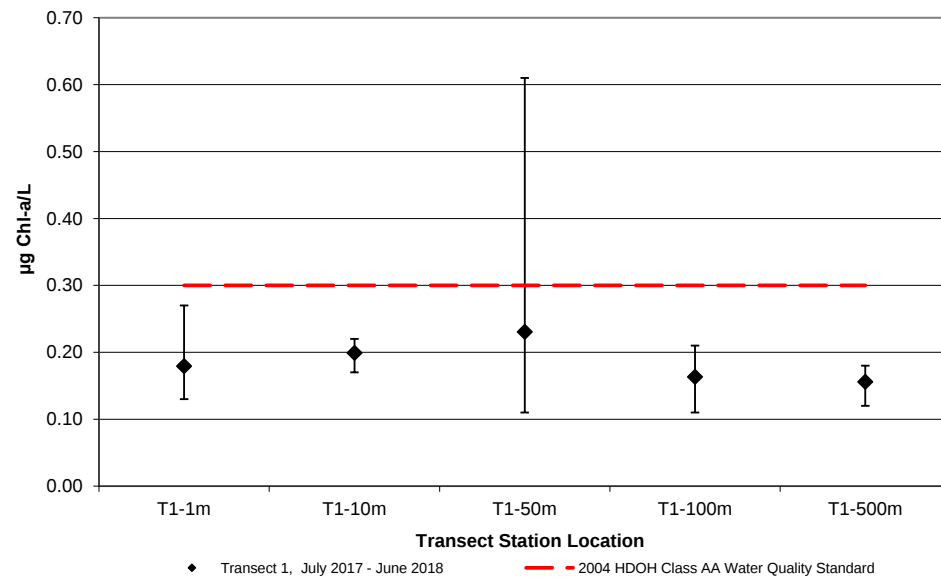
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2016 - June 2017

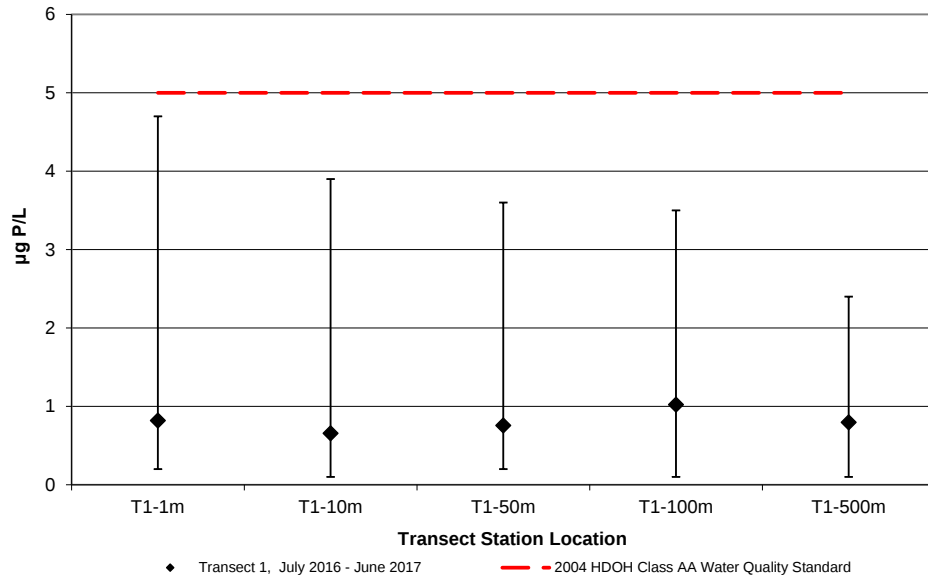
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	7/6/16	942	-0.2 Ebb	0.15	4.7	0.29	4.0	0.34	4.7	5.1	143	0.56	17.2	7.23	101	0.12	34.54	26.8	8.28	6.68	0.24
T1-1m	12/20/16	935	1.7 High	0.04	1.2	0.28	3.9	0.05	0.7	2.2	62	0.34	10.6	3.46	49	0.06	34.69	25.6	8.22	5.78	0.33
T1-1m	2/28/17	847	0.5 Ebb	0.01	0.4	0.19	2.7	0.04	0.6	0.5	15	0.32	9.9	4.48	63	0.11	34.64	24.7	8.21	8.74	0.11
T1-1m	5/9/17	1004	-0.1 Flood	0.01	0.2	0.66	9.3	0.16	2.2	3.2	91	0.27	8.3	3.83	54	0.15	34.60	25.8	8.19	4.82	0.10
Geomean	FY '17			0.03	0.8	0.32	4.4	0.1	1.4			0.4	11.1	4.5	64	0.10					0.17
T1-10m	7/6/16	953	-0.2 Ebb	0.13	3.9	0.14	2.0	0.39	5.4	3.1	87	0.57	17.7	5.31	74	0.09	34.49	26.8	8.25	6.78	0.23
T1-10m	12/20/16	948	1.7 High	0.08	2.4	0.39	5.4	0.05	0.7	1.9	54	0.33	10.3	3.33	47	0.04	34.69	25.6	8.23	5.47	0.21
T1-10m	2/28/17	853	0.5 Ebb	0.00	0.1	0.06	0.9	0.04	0.5	0.0	0	0.28	8.6	3.47	49	0.12	34.69	24.7	8.21	9.04	0.08
T1-10m	5/9/17	1009	-0.1 Flood	0.01	0.2	0.64	9.0	0.08	1.1	3.8	106	0.25	7.8	3.50	49	0.15	34.58	25.8	8.20	4.83	0.08
Geomean	FY '17			0.02	0.7	0.22	3.1	0.09	1.2			0.34	10.5	3.8	54	0.09					0.13
T1-50m	7/6/16	1002	-0.2 Ebb	0.12	3.6	0.15	2.1	0.25	3.5	3.5	98	0.51	15.7	5.44	76	0.09	34.48	26.8	8.25	6.6	0.21
T1-50m	12/20/16	956	1.7 High	0.07	2.3	0.69	9.6	0.24	3.3	3.3	93	0.35	10.9	3.93	55	0.03	34.68	25.6	8.24	5.52	0.31
T1-50m	2/28/17	859	0.5 Ebb	0.01	0.2	0.04	0.6	0.02	0.3	0.1	2	0.27	8.4	3.09	43	0.11	34.70	24.7	8.22	7.20	0.10
T1-50m	5/9/17	1016	0.0 Flood	0.01	0.2	0.74	10.4	0.04	0.5	4.7	131	0.26	7.9	4.59	64	0.14	34.54	25.8	8.22	4.77	0.13
Geomean	FY '17			0.02	0.8	0.24	3.3	0.08	1.1			0.33	10.3	4.2	58	0.08					0.17
T1-100m	7/6/16	1010	-0.2 Ebb	0.11	3.5	0.20	2.8	0.71	10.0	2.9	82	0.11	3.5	5.20	73	0.09	34.47	26.8	8.25	6.59	0.24
T1-100m	12/20/16	1004	1.7 High	0.08	2.4	0.51	7.2	0.25	3.5	6.2	175	0.34	10.4	2.86	40	0.03	34.68	25.6	8.25	5.44	0.17
T1-100m	2/28/17	904	0.5 Ebb	0.00	0.1	0.12	1.7	0.04	0.6	0.6	18	0.28	8.8	4.60	65	0.07	34.67	24.7	8.23	6.63	0.17
T1-100m	5/9/17	1024	0.0 Flood	0.04	1.3	0.06	0.9	0.09	1.2	0.5	15	0.26	7.9	4.98	70	0.09	34.66	25.6	8.20	4.62	0.08
Geomean	FY '17			0.03	1.0	0.17	2.4	0.16	2.2			0.23	7.1	4.3	60	0.06					0.15
T1-500m	7/6/16	1021	-0.2 Ebb	0.08	2.4	0.23	3.2	0.26	3.7	1.6	44	0.48	14.9	5.25	74	0.07	34.53	26.9	8.25	6.64	0.26
T1-500m	12/20/16	1013	1.7 High	0.04	1.3	0.14	1.9	0.01	0.2	2.4	66	0.33	10.3	2.42	34	0.03	34.71	25.6	8.25	5.57	0.17
T1-500m	2/28/17	912	0.5 Ebb	0.00	0.1	0.01	0.2	0.04	0.5	0.3	8	0.31	9.6	4.63	65	0.12	34.66	24.7	8.22	6.19	0.15
T1-500m	5/9/17	1033	0.0 Flood	0.04	1.3	0.25	3.5	0.34	4.8	2.2	63	0.24	7.3	3.28	46	0.09	34.61	25.7	8.20	4.63	0.09
Geomean	FY '17			0.03	0.8	0.10	1.4	0.08	1.2			0.33	10.2	3.7	52	0.07					0.16

NELHA Water Quality Laboratory

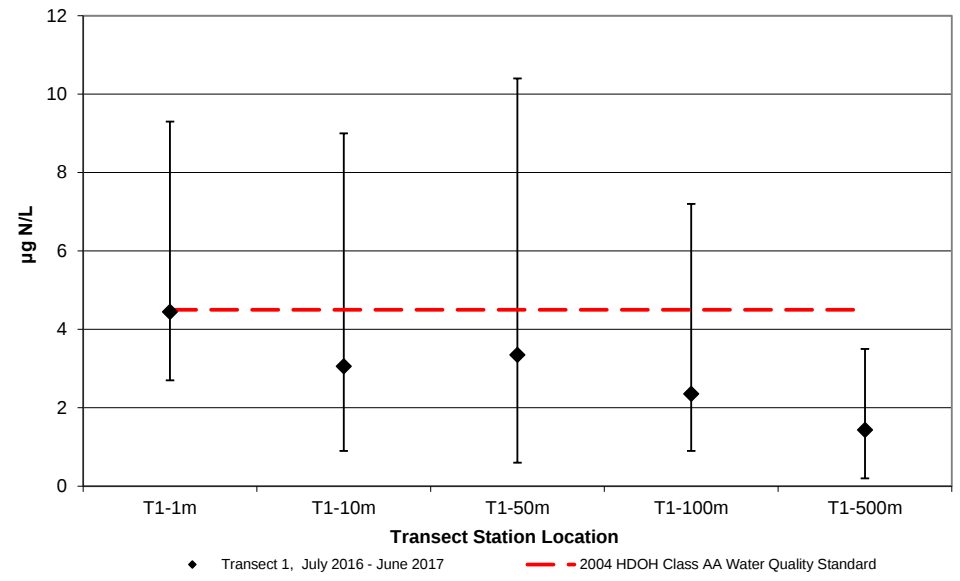
Transect 1

July 2016 - June 2017

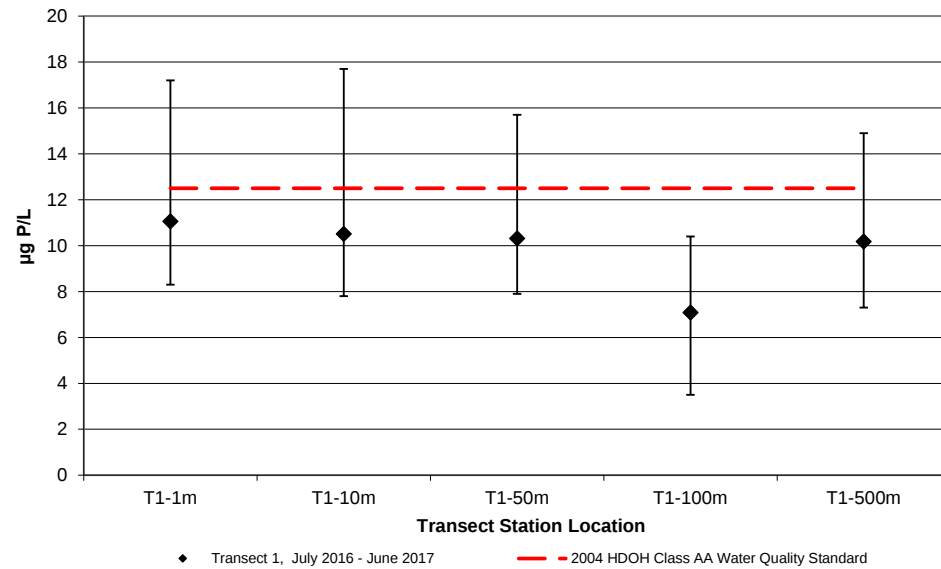
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



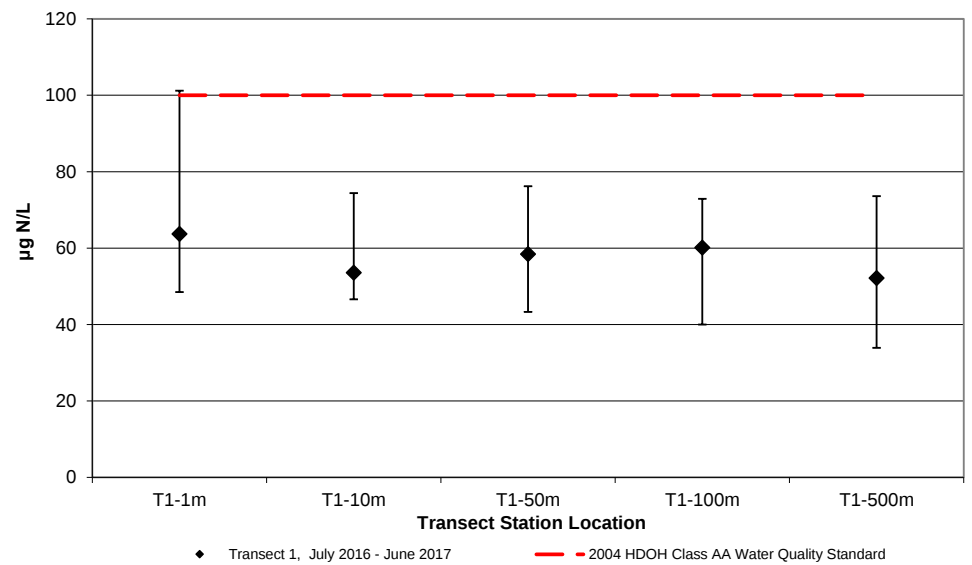
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean

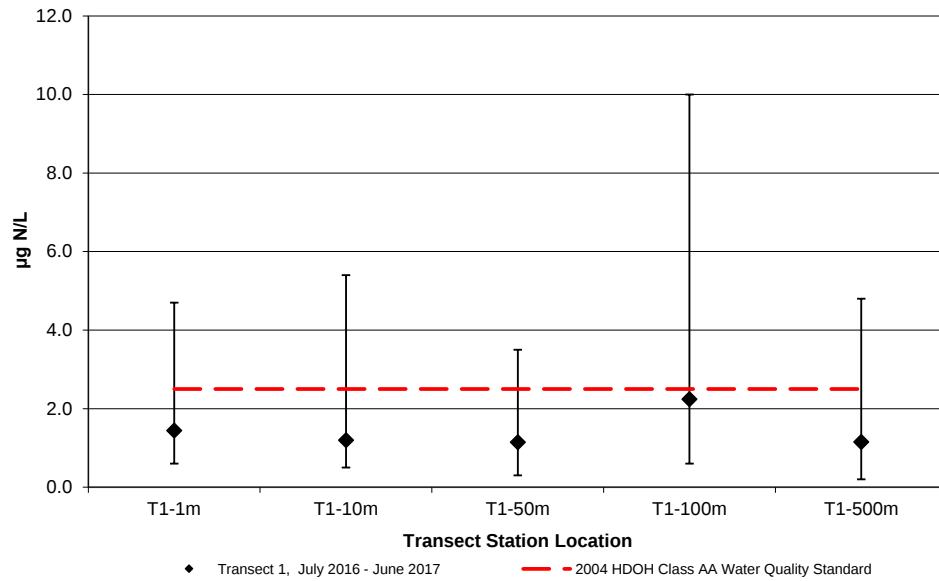


NELHA Water Quality Laboratory

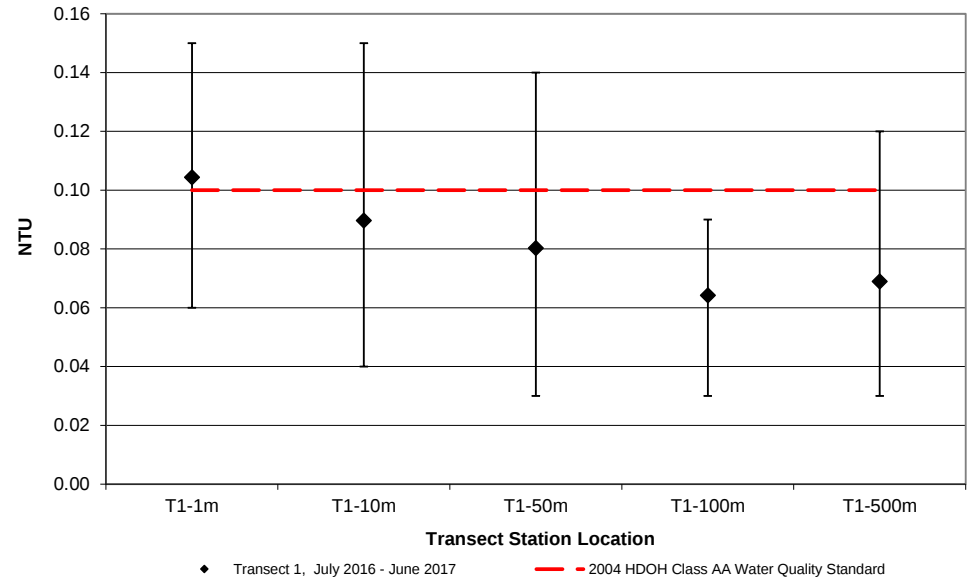
Transect 1

July 2016 - June 2017

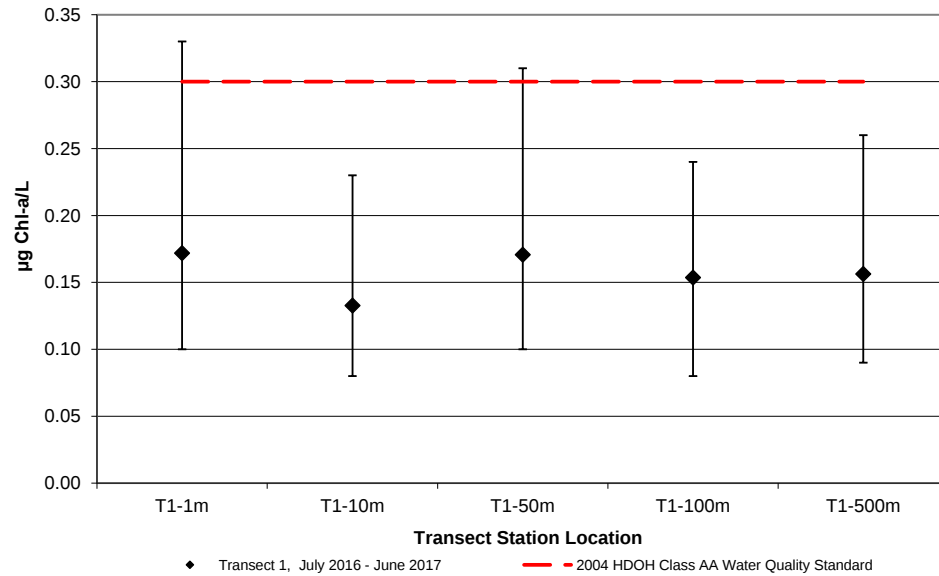
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2015 - June 2016

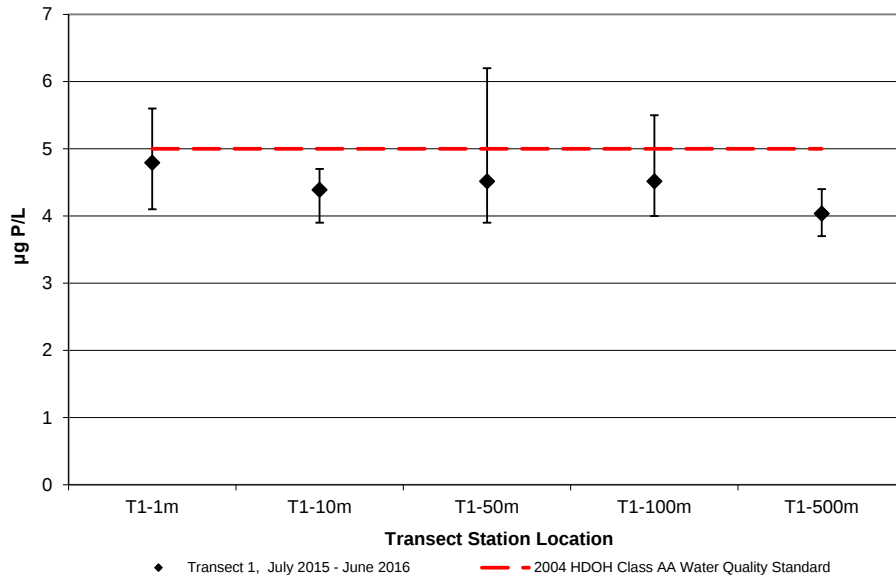
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10					0.30	
T1-1m	8/26/15	1138	1.5 Flood	0.16	4.9	0.24	3.4	0.31	4.3	7.1	200	0.27	8.5	5.35	75	0.05	34.48	28.4	8.20	6.06	0.35
T1-1m	11/17/15	938	1.8 Ebb	0.18	5.6	0.42	5.9	0.16	2.3	6.2	174	0.54	16.8	5.47	77	0.07	33.81	27.4	8.21	6.53	0.20
T1-1m	3/1/16	938	0.8 Ebb	0.13	4.1	0.12	1.7	0.39	5.4	0.6	18	0.52	16.2	7.13	100	0.08	34.75	25.4	8.27	5.82	0.07
T1-1m	5/3/16	914	0.0 Flood	0.15	4.7	0.64	8.9	0.24	3.4	4.6	129	0.40	12.3	9.87	138	0.08	34.52	25.5	8.34	6.38	0.22
Geomean	FY '16			0.15	4.8	0.30	4.2	0.3	3.7			0.4	13.0	6.7	94	0.07					0.18
T1-10m	8/26/15	1144	1.5 Flood	0.13	3.9	0.26	3.7	0.31	4.4	7.3	205	0.13	4.1	5.41	76	0.04	34.49	28.4	8.21	6.08	0.32
T1-10m	11/17/15	943	1.8 Ebb	0.15	4.5	0.43	6.0	0.07	1.0	5.8	162	0.56	17.3	6.34	89	0.06	33.86	27.4	8.22	6.17	0.15
T1-10m	3/1/16	944	0.8 Ebb	0.15	4.5	0.13	1.8	0.33	4.6	0.1	2	0.48	14.9	5.61	79	0.07	34.77	25.4	8.24	5.71	0.08
T1-10m	5/3/16	921	0.0 Flood	0.15	4.7	0.80	11.2	0.21	2.9	4.1	115	0.34	10.6	5.81	81	0.08	34.56	25.5	8.27	6.22	0.25
Geomean	FY '16			0.14	4.4	0.33	4.6	0.20	2.8			0.33	10.3	5.8	81	0.06					0.18
T1-50m	8/26/15	1152	1.5 Flood	0.20	6.2	0.26	3.6	0.27	3.8	4.3	121	0.35	10.9	6.87	96	0.04	34.51	28.4	8.21	6.1	0.36
T1-50m	11/17/15	950	1.8 Ebb	0.13	4.0	0.44	6.2	0.22	3.1	3.8	107	0.52	16.0	5.56	78	0.07	33.90	27.3	8.26	6.12	0.13
T1-50m	3/1/16	952	0.8 Ebb	0.13	3.9	0.19	2.7	2.20	30.8	0.0	1	0.48	14.8	4.08	57	0.08	34.78	25.4	8.26	5.67	0.09
T1-50m	5/3/16	927	0.0 Flood	0.14	4.3	0.95	13.3	0.18	2.5	4.6	130	0.43	13.2	5.80	81	0.05	34.55	25.5	8.24	6.17	0.27
Geomean	FY '16			0.15	4.5	0.38	5.3	0.39	5.5			0.44	13.6	5.5	77	0.06					0.18
T1-100m	8/26/15	1157	1.5 Flood	0.13	4.0	0.28	3.9	0.21	2.9	5.1	142	0.40	12.4	3.81	53	0.03	34.44	28.4	8.21	6.03	0.43
T1-100m	11/17/15	956	1.8 Ebb	0.14	4.2	0.36	5.1	0.14	1.9	3.5	98	0.53	16.5	7.34	103	0.05	33.92	27.3	8.21	6.11	0.18
T1-100m	3/1/16	958	0.1 Ebb	0.15	4.5	0.29	4.1	0.31	4.4	0.6	17	0.47	14.5	5.36	75	0.07	34.77	25.4	8.24	5.68	0.08
T1-100m	5/3/16	931	0.0 Flood	0.18	5.5	1.30	18.2	0.21	3.0	8.5	240	0.42	12.9	7.32	103	0.07	34.57	25.5	8.23	6.26	0.29
Geomean	FY '16			0.15	4.5	0.44	6.2	0.21	2.9			0.45	14.0	5.8	81	0.05					0.21
T1-500m	8/26/15	1204	1.5 Flood	0.12	3.7	0.03	0.4	0.18	2.5	1.1	31	0.39	12.2	4.80	67	0.02	34.60	28.6	8.21	6.25	0.11
T1-500m	11/17/15	1004	1.8 Ebb	0.14	4.3	0.44	6.2	0.19	2.6	4.7	132	0.52	16.2	6.08	85	0.05	33.95	27.3	8.21	6.19	0.19
T1-500m	3/1/16	1005	0.1 Ebb	0.14	4.4	0.39	5.4	1.06	14.8	2.5	71	0.46	14.4	5.74	80	0.07	34.71	25.5	8.24	5.70	0.10
T1-500m	5/3/16	937	0.0 Flood	0.12	3.8	0.11	1.6	0.09	1.3	0.3	9	0.47	14.6	10.13	142	0.06	34.72	25.5	8.27	6.38	0.24
Geomean	FY '16			0.13	4.0	0.15	2.2	0.24	3.3			0.46	14.3	6.4	90	0.05					0.15

NELHA Water Quality Laboratory

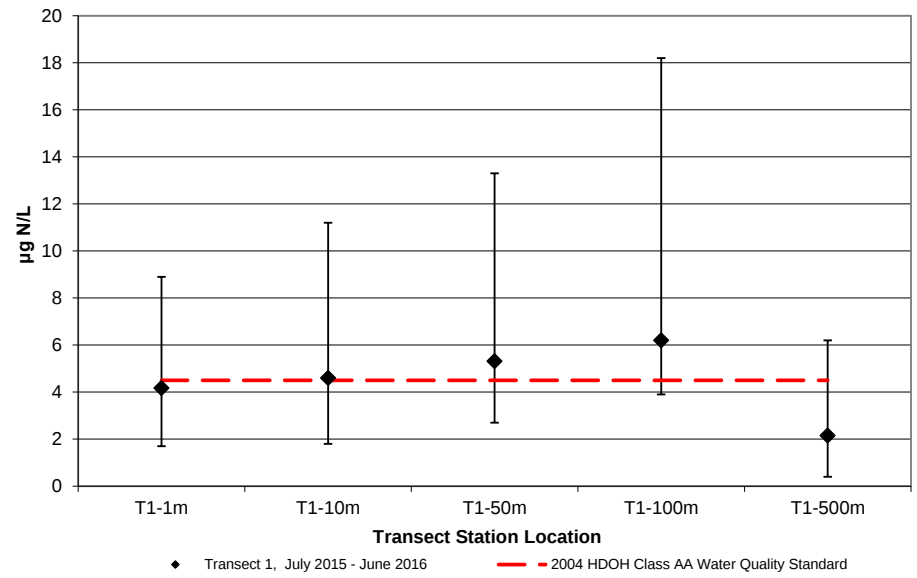
Transect 1

July 2015 - June 2016

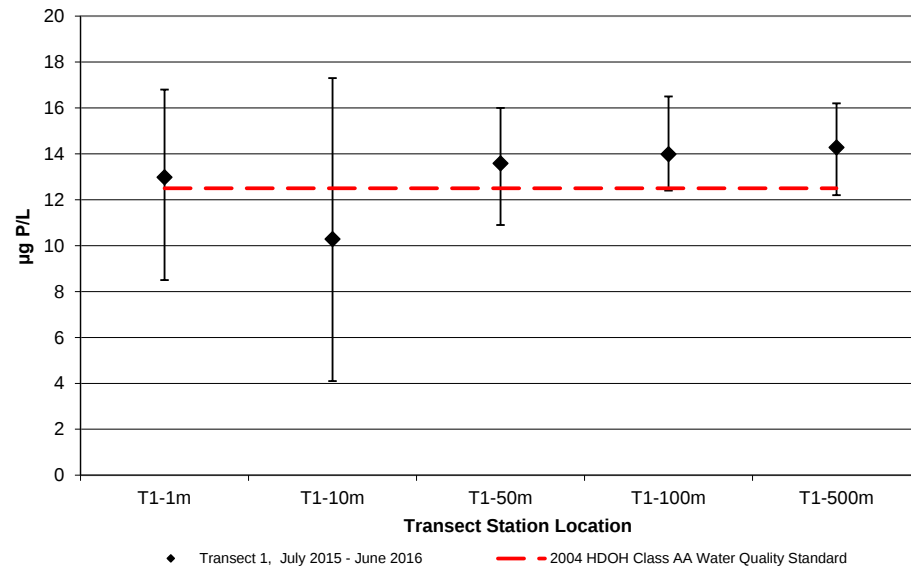
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



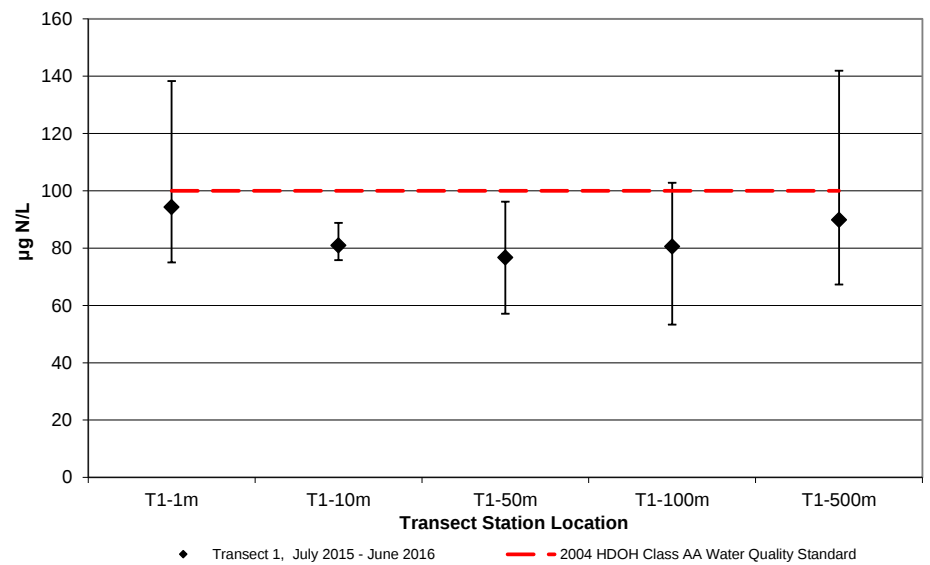
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean

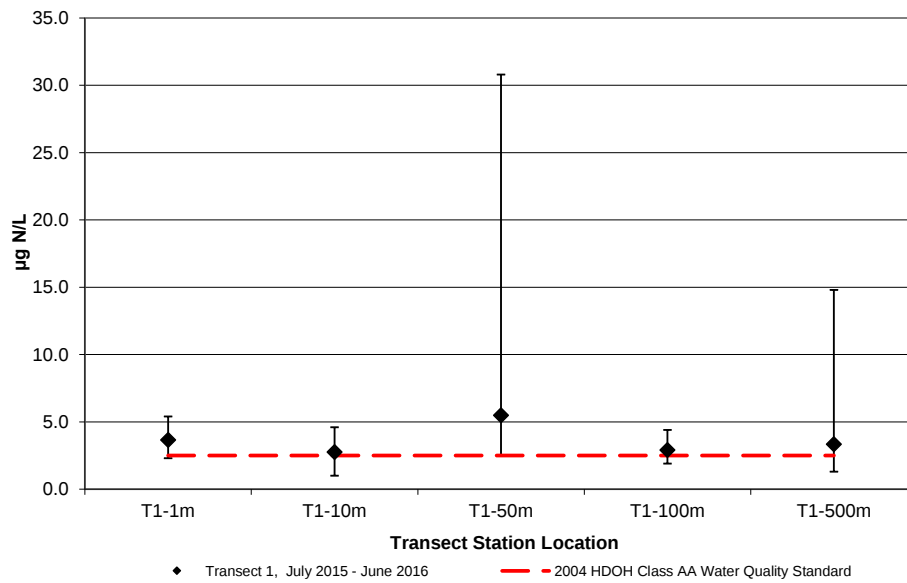


NELHA Water Quality Laboratory

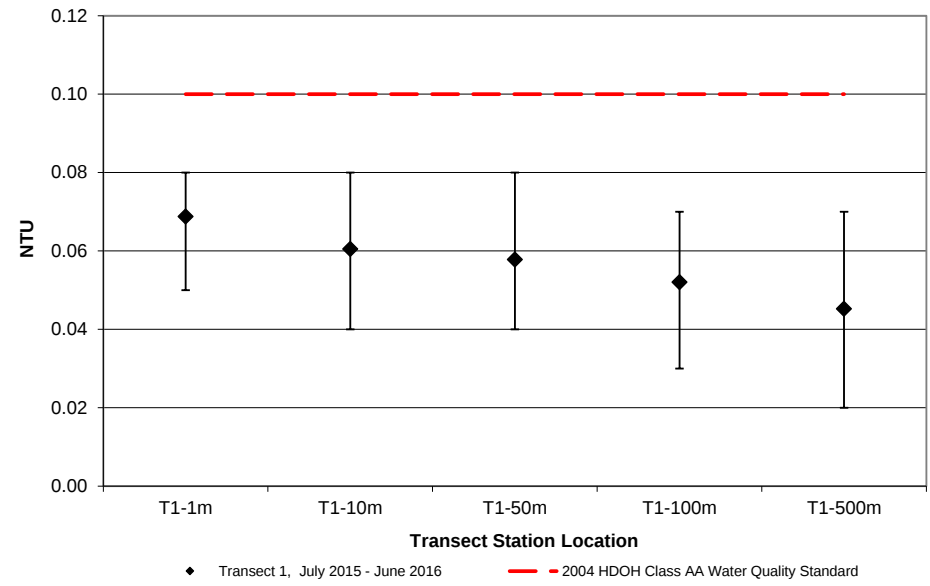
Transect 1

July 2015 - June 2016

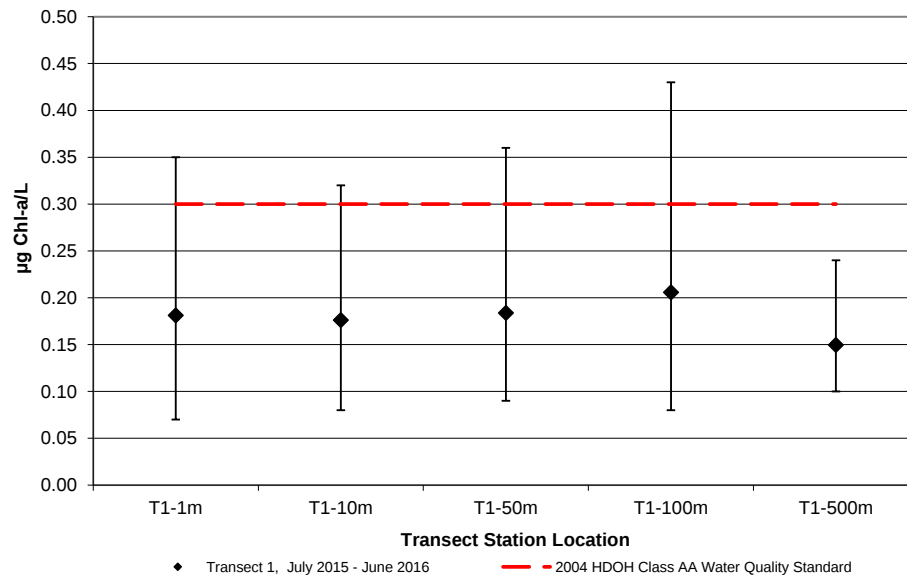
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2014 - June 2015

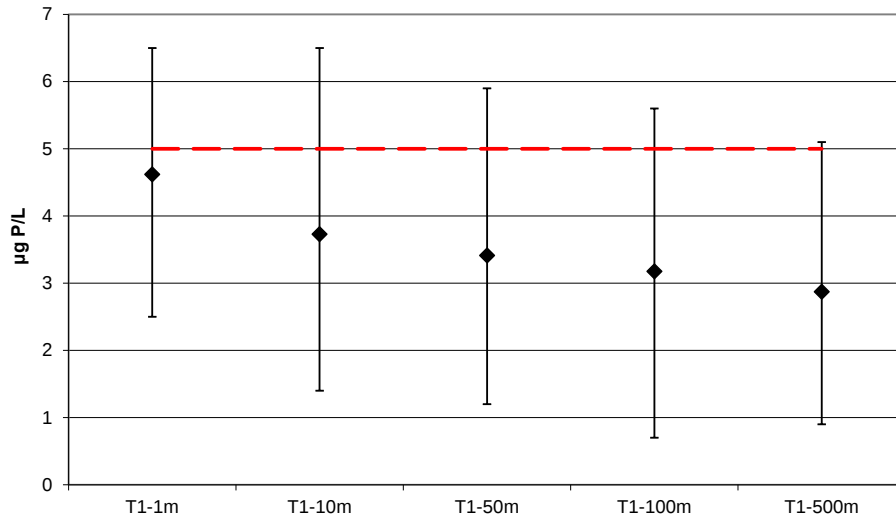
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T1-1m	8/5/14	942	1.5 Flood	0.21	6.5	0.26	3.6	0.51	7.2	1.4	39	0.42	13.0	9.26	130	0.10	34.98	26.8	8.20	6.28	0.17
T1-1m	11/17/14	1120	1.3 Flood	0.17	5.2	0.19	2.7	0.31	4.3	0.1	3	0.55	16.9	9.31	130	0.14	35.02	27.0	8.21	7.00	0.10
T1-1m	3/3/15	931	0.0 Low	0.08	2.5	0.86	12.1	0.31	4.3	4.1	116	0.36	11.2	7.70	108	0.09	34.78	25.5	8.15	6.85	0.18
T1-1m	6/16/15	1037	-0.2 Flood	0.17	5.4	1.32	18.5	0.65	9.1	8.0	226	0.29	9.1	7.59	106	0.08	33.88	26.4	8.21	6.33	0.2
Geomean	FY '15			0.15	4.6	0.49	6.8	0.4	5.9			0.4	12.2	8.4	118	0.10					0.16
T1-10m	8/5/14	946	1.5 Flood	0.21	6.5	0.26	3.7	0.37	5.2	2.1	59	0.55	17.0	5.28	74	0.14	34.96	26.8	8.21	5.99	0.16
T1-10m	11/17/14	1123	1.3 Flood	0.17	5.2	0.16	2.2	0.32	4.5	0.1	2	0.43	13.2	5.97	84	0.04	35.02	27.1	8.21	7.02	0.19
T1-10m	3/3/15	935	0.0 Low	0.05	1.4	0.56	7.8	0.19	2.7	2.7	76	0.32	9.8	7.58	106	0.04	34.80	25.5	8.16	6.78	0.18
T1-10m	6/16/15	1041	-0.2 Flood	0.13	4.1	1.09	15.2	0.13	1.8	6.9	193	0.41	12.7	5.86	82	0.06	33.97	26.5	8.21	6.07	0.25
Geomean	FY '15			0.12	3.7	0.40	5.6	0.23	3.3			0.42	12.9	6.1	86	0.06					0.19
T1-50m	8/5/14	949	1.5 Flood	0.19	5.9	0.37	5.2	0.32	4.5	2.4	67	0.55	17.1	5.50	77	0.1	34.95	26.8	8.21	6.07	0.15
T1-50m	11/17/14	1127	1.3 Flood	0.15	4.8	0.16	2.2	0.29	4.1	0.4	10	0.43	13.2	6.10	86	0.10	35.02	27.1	8.21	6.79	0.20
T1-50m	3/3/15	941	0.0 Low	0.04	1.2	0.51	7.2	0.08	1.1	2.6	74	0.33	10.1	7.58	106	0.06	34.80	25.5	8.13	6.77	0.21
T1-50m	6/16/15	1049	-0.1 Flood	0.13	4.0	0.92	12.9	0.26	3.7	6.4	180	0.44	13.5	6.55	92	0.05	34.13	26.4	8.21	6.01	0.3
Geomean	FY '15			0.11	3.4	0.41	5.7	0.21	2.9			0.43	13.2	6.4	90	0.07					0.21
T1-100m	8/5/14	952	1.5 Flood	0.18	5.6	0.24	3.4	0.41	5.8	2.6	74	0.54	16.6	5.37	75	0.09	34.94	26.8	8.21	5.93	0.13
T1-100m	11/17/14	1130	1.3 Flood	0.17	5.2	0.21	2.9	0.46	6.4	0.7	20	0.43	13.4	6.20	87	0.09	34.99	27.1	8.22	6.78	0.22
T1-100m	3/3/15	946	0.0 Low	0.02	0.7	0.36	5.0	0.07	1.0	2.9	82	0.32	10.0	8.03	113	0.07	34.79	25.5	8.15	6.74	0.14
T1-100m	6/16/15	1057	-0.1 Flood	0.16	5.0	1.49	20.8	0.27	3.8	11.0	309	0.55	16.9	6.48	91	0.05	35.81	26.5	8.20	6.05	0.15
Geomean	FY '15			0.10	3.2	0.40	5.7	0.25	3.4			0.45	13.9	6.5	90	0.07					0.16
T1-500m	8/5/14	957	1.5 Flood	0.16	5.1	0.07	1.0	0.31	4.4	1.2	34	0.55	16.9	4.95	69	0.11	34.98	26.8	8.22	5.86	0.11
T1-500m	11/17/14	1137	1.3 Flood	0.15	4.5	0.09	1.2	0.42	5.9	0.5	13	0.42	13.0	5.25	74	0.10	35.00	27.1	8.21	6.81	0.22
T1-500m	3/3/15	953	0.0 Low	0.03	0.9	0.54	7.6	0.09	1.2	5.1	144	0.10	3.2	6.99	98	0.07	34.72	25.6	8.15	6.66	0.16
T1-500m	6/16/15	1104	-0.1 Flood	0.11	3.3	0.55	7.7	0.19	2.6	4.8	135	0.41	12.6	5.69	80	0.05	34.11	26.6	8.21	6.02	0.18
Geomean	FY '15			0.09	2.9	0.21	2.9	0.21	3.0			0.31	9.7	5.7	79	0.08					0.16

NELHA Water Quality Laboratory

Transect 1

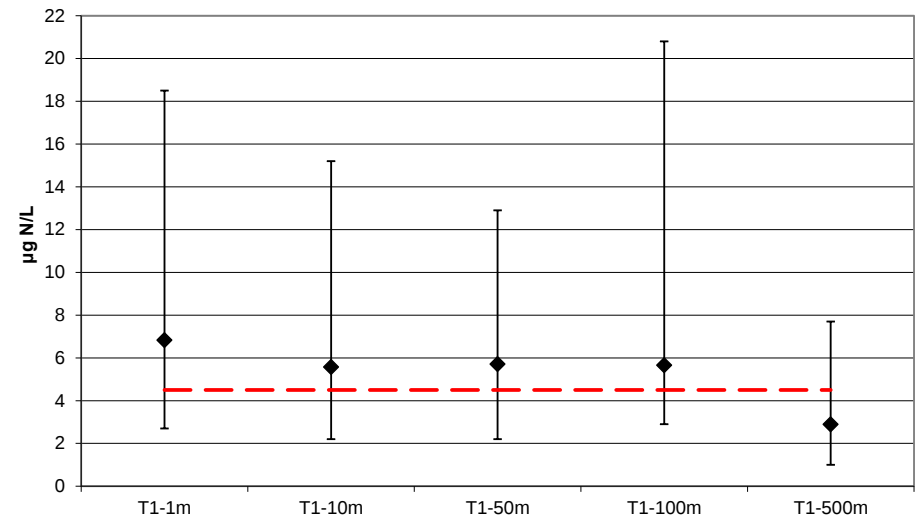
July 2014 - June 2015

Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



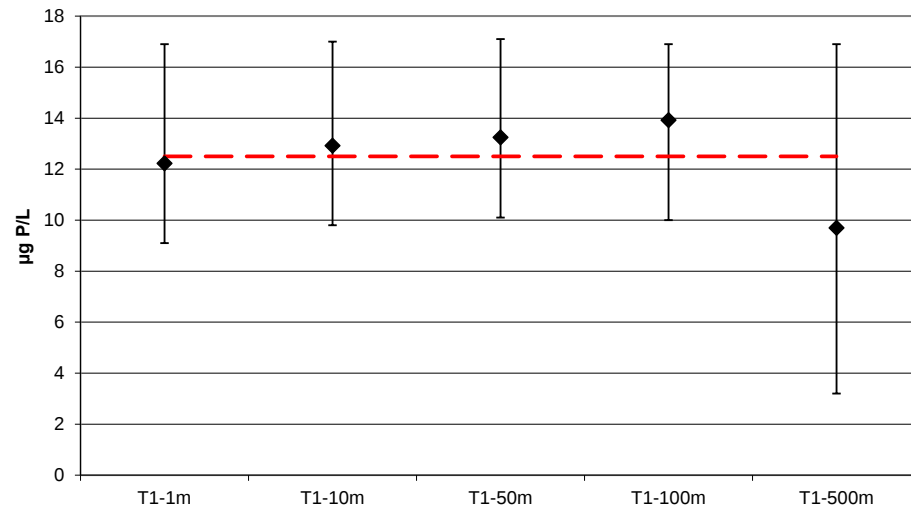
◆ Transect 1, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



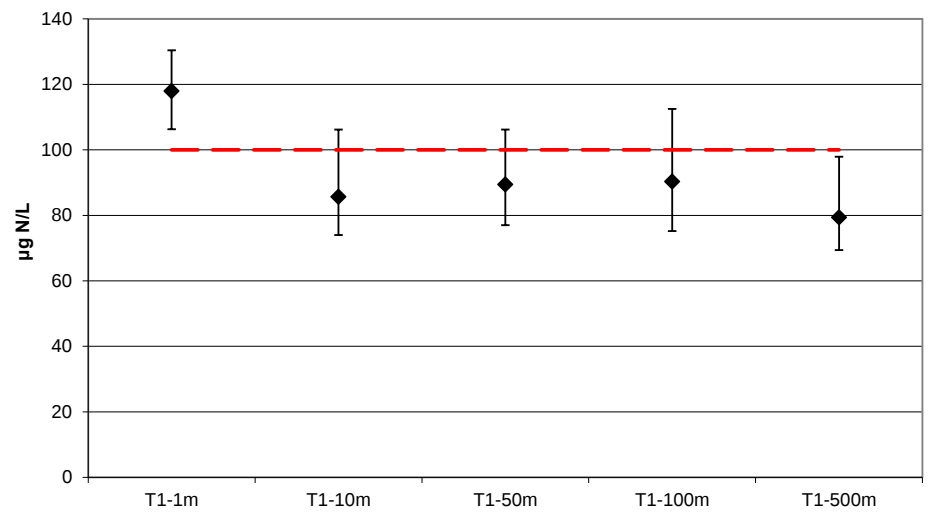
◆ Transect 1, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



◆ Transect 1, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean



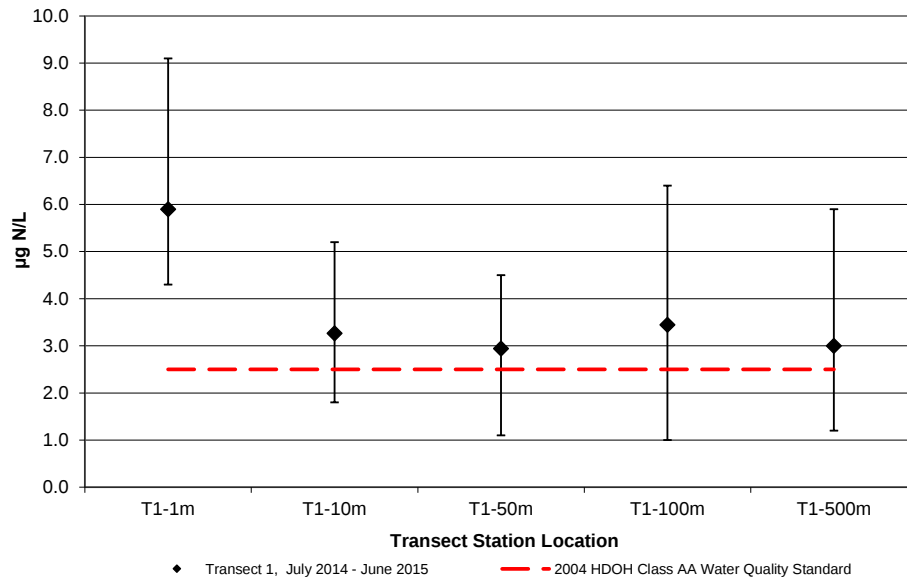
◆ Transect 1, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

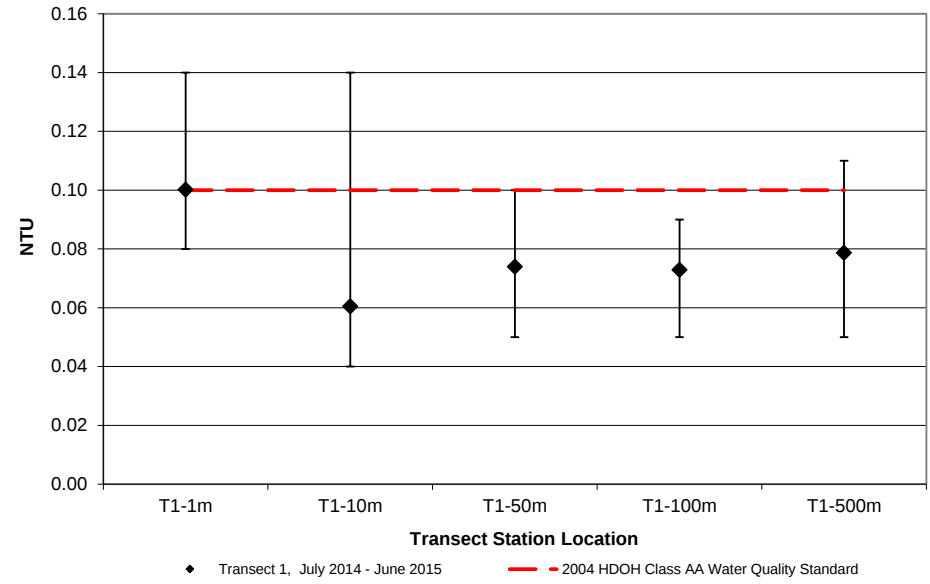
Transect 1

July 2014 - June 2015

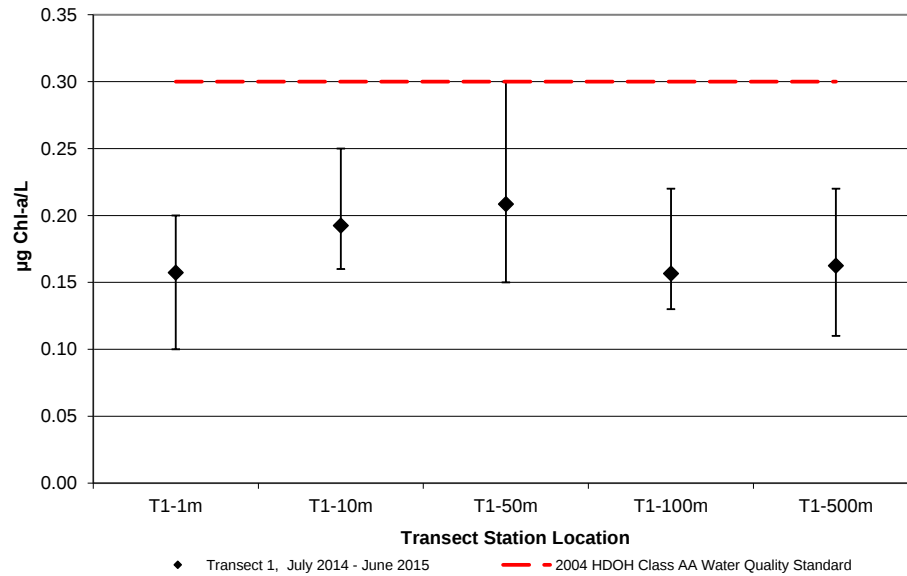
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2013 - June 2014

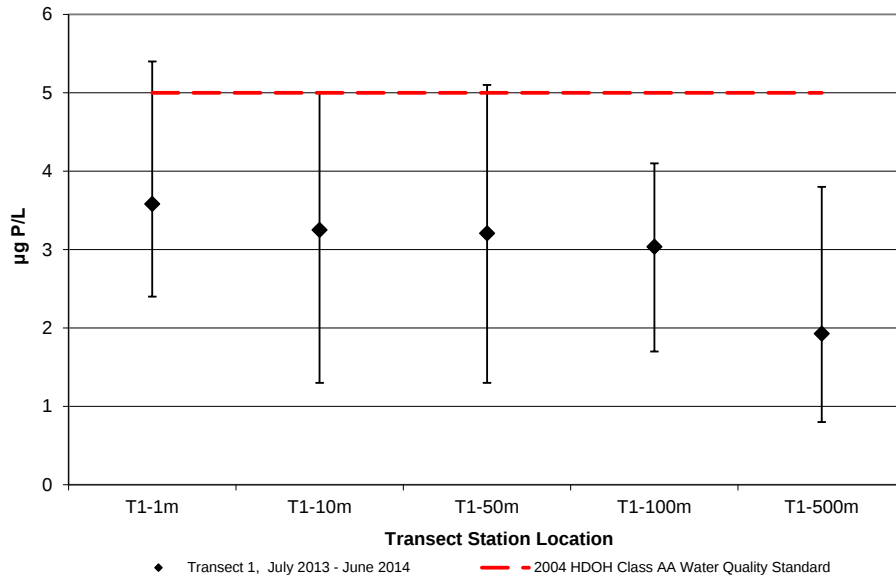
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)	
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T1-1m	8/1/13	850	0.6	Flood	0.08	2.4	0.29	4.1	0.24	3.3	5.0	142	0.43	13.3	5.06	71	0.10	35.08	26.1	8.23	6.76	0.13
T1-1m	10/29/13	928	1.0	Flood	0.10	3.1	0.35	4.9	0.36	5.0	2.5	70	0.55	16.9	9.31	130	0.04	35.28	27.0	8.25	6.21	0.17
T1-1m	2/4/14	928	1.0	Ebb	0.13	4.1	0.47	6.6	1.09	15.2	3.5	97	0.44	13.5	8.90	125	0.02	34.91	25.2	8.22	6.33	0.15
T1-1m	5/6/14	923	0.6	Flood	0.17	5.4	0.50	7.0	0.39	5.5	3.7	105	0.51	15.7	9.20	129	0.09	34.69	25.8	8.21	6.59	0.16
Geomean	FY '14				0.12	3.6	0.39	5.5	0.4	6.1			0.5	14.8	7.9	110	0.05					0.15
T1-10m	8/1/13	854	0.6	Flood	0.04	1.3	0.24	3.3	0.06	0.9	4.6	129	0.39	12.2	5.65	79	0.07	35.00	26.1	8.26	6.79	0.11
T1-10m	10/29/13	931	1.0	Flood	0.14	4.3	0.34	4.8	0.35	4.9	2.5	69	0.43	13.2	5.97	84	0.07	35.28	27.0	8.24	6.19	0.16
T1-10m	2/4/14	932	1.0	Ebb	0.13	4.0	0.41	5.8	0.64	8.9	3.0	83	0.39	12.1	5.70	80	0.02	34.92	25.2	8.22	6.35	0.16
T1-10m	5/6/14	929	0.6	Flood	0.16	5.0	0.50	7.0	0.47	6.6	3.6	103	0.46	14.1	5.94	83	0.05	34.69	25.8	8.21	6.54	0.07
Geomean	FY '14				0.10	3.3	0.36	5.0	0.29	4.0			0.42	12.9	5.8	81	0.05					0.12
T1-50m	8/1/13	859	0.6	Flood	0.04	1.3	0.30	4.2	0.07	1.0	5.3	149	0.41	12.6	4.86	68	0.08	35.07	26.1	8.25	6.63	0.18
T1-50m	10/29/13	935	1.0	Flood	0.16	5.1	0.21	2.9	0.34	4.8	1.9	52	0.43	13.2	6.10	86	0.02	35.29	27.1	8.22	6.06	0.21
T1-50m	2/4/14	936	1.0	Ebb	0.10	3.2	0.40	5.6	0.38	5.3	3.6	102	0.43	13.3	8.60	121	0.02	34.89	25.2	8.21	6.30	0.17
T1-50m	5/6/14	933	0.6	Flood	0.16	5.0	0.59	8.3	0.56	7.8	3.5	100	0.45	13.8	6.28	88	0.06	34.71	25.8	8.22	6.36	0.16
Geomean	FY '14				0.10	3.2	0.35	4.9	0.27	3.8			0.43	13.2	6.3	89	0.04					0.18
T1-100m	8/1/13	905	0.6	Flood	0.05	1.7	0.34	4.7	0.06	0.8	5.2	145	0.41	12.7	5.09	71	0.06	35.08	26.0	8.24	6.69	0.13
T1-100m	10/29/13	940	1.0	Flood	0.13	4.1	0.25	3.5	0.57	8.0	2.2	62	0.43	13.4	6.20	87	0.02	35.30	27.1	8.21	6.17	0.23
T1-100m	2/4/14	941	1.0	Ebb	0.12	3.7	0.54	7.5	0.41	5.8	4.3	121	0.39	12.1	6.40	90	0.02	34.87	25.2	8.21	6.31	0.16
T1-100m	5/6/14	940	0.6	Flood	0.11	3.3	0.32	4.5	0.30	4.2	3.2	91	0.45	13.9	6.53	91	0.06	34.74	25.9	8.22	6.37	0.17
Geomean	FY '14				0.10	3.0	0.35	4.9	0.25	3.5			0.42	13.0	6.0	84	0.03					0.17
T1-500m	8/1/13	911	0.7	Flood	0.03	0.8	0.24	3.3	0.06	0.9	6.6	184	0.41	12.6	5.74	80	0.06	35.09	26.0	8.25	6.14	0.15
T1-500m	10/29/13	946	1.0	Flood	0.12	3.8	0.18	2.5	0.41	5.8	2.3	66	0.42	13.0	5.25	74	0.02	35.28	27.1	8.20	6.13	0.24
T1-500m	2/4/14	949	1.0	Ebb	0.08	2.4	0.07	1.0	0.24	3.4	2.9	80	0.41	12.8	6.33	89	0.02	34.91	25.3	8.23	6.25	0.22
T1-500m	5/6/14	951	0.6	Flood	0.06	1.9	0.01	0.2	0.15	2.1	1.2	33	0.43	13.3	5.98	84	0.06	34.83	26.0	8.22	6.12	0.14
Geomean	FY '14				0.06	1.9	0.08	1.1	0.18	2.5			0.42	12.9	5.8	81	0.03					0.18

NELHA Water Quality Laboratory

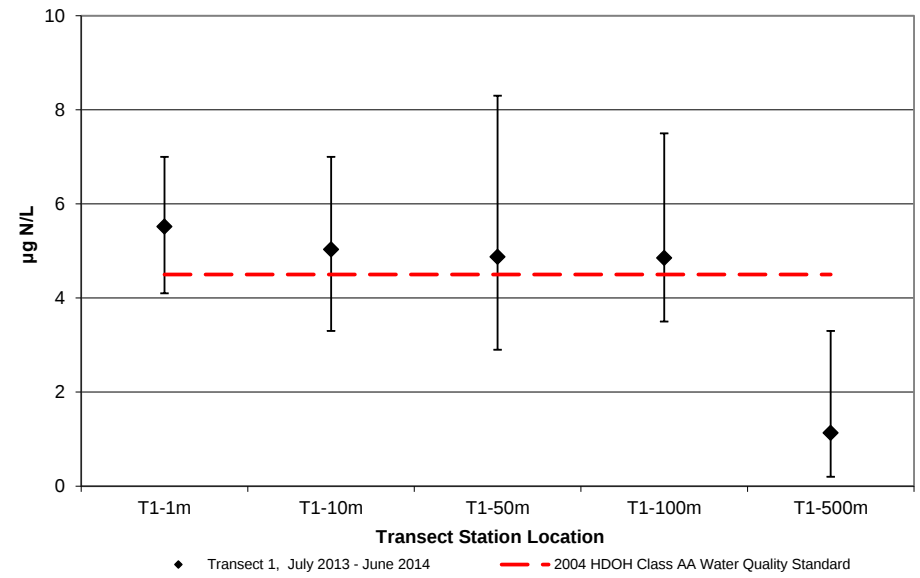
Transect 1

July 2013 - June 2014

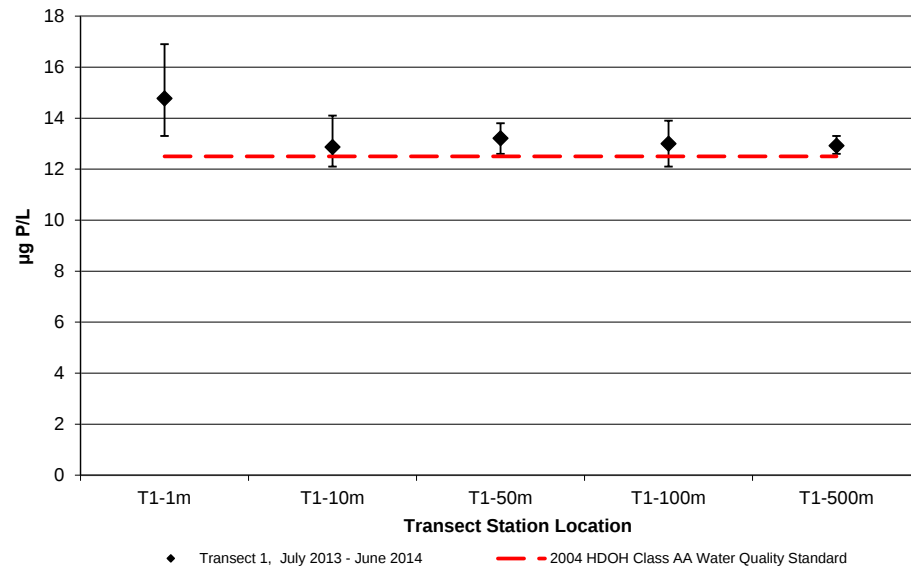
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



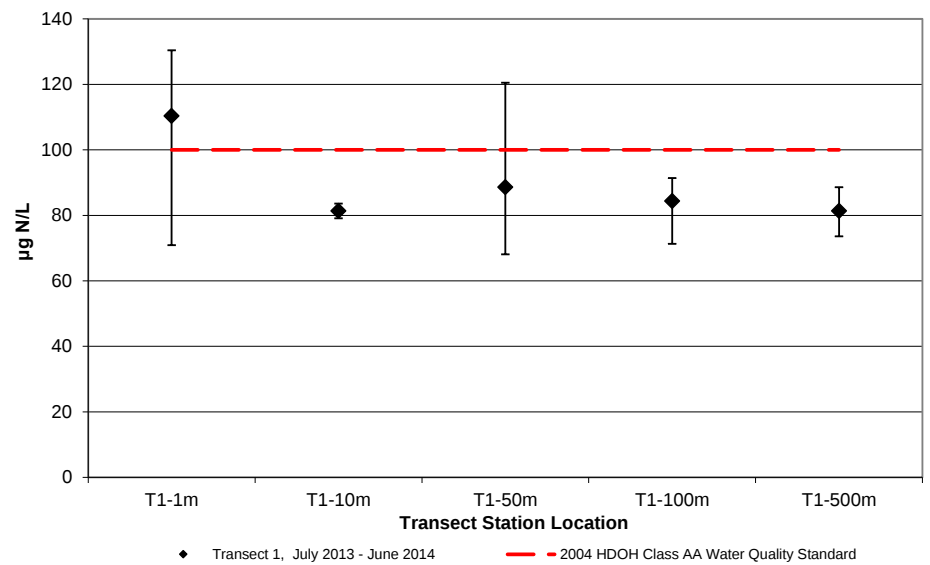
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean

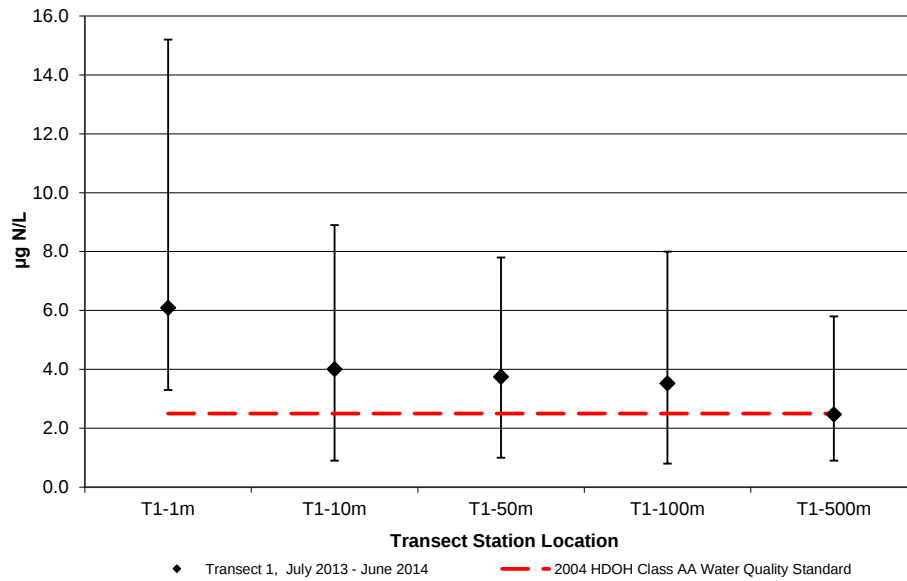


NELHA Water Quality Laboratory

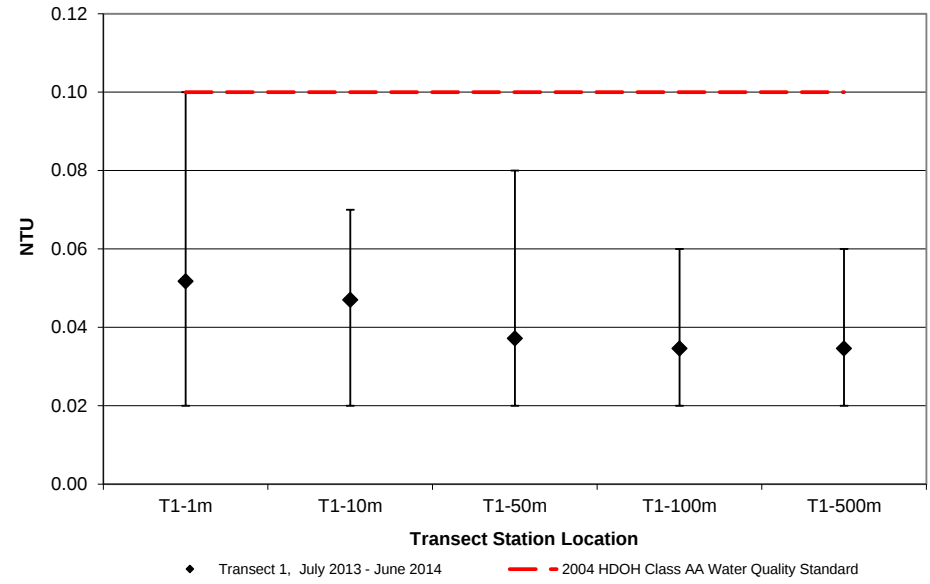
Transect 1

July 2013 - June 2014

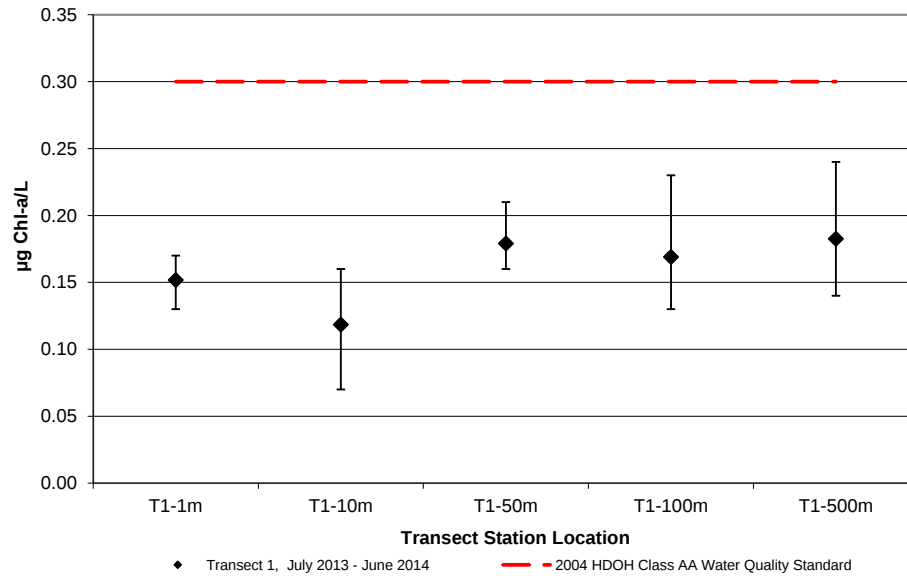
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2012 - June 2013

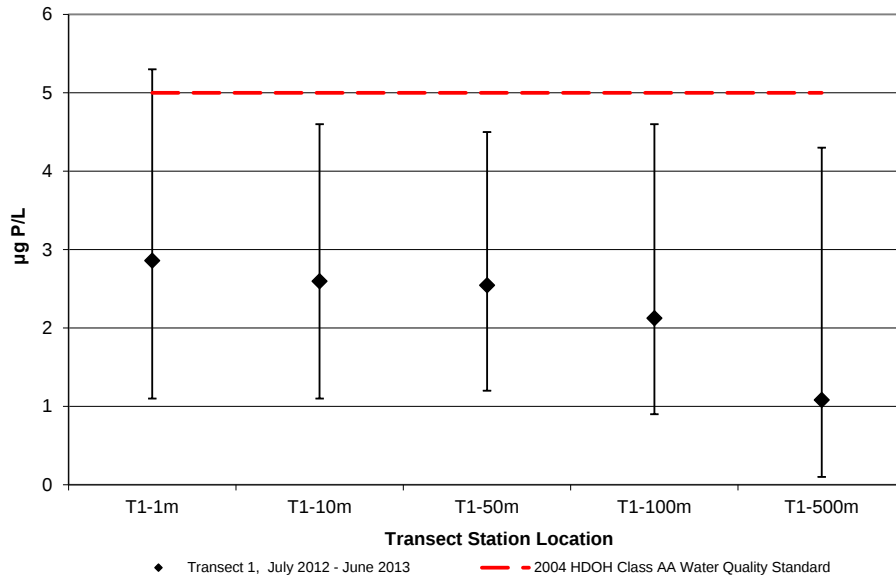
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T1-1m	7/24/12	929	1.4 Ebb	0.04 1.1	0.24 3.3	0.19 2.6	1.1 32	0.67 20.8	7.33 103	0.08	35.08	26.3	8.22	6.87	0.04
T1-1m	11/27/12	931	0.6 Ebb	0.12 3.7	1.05 14.7	0.37 5.2	7.9 221	0.45 13.9	5.72 80	0.07	35.04	25.0	8.20	6.83	0.30
T1-1m	1/24/13	938	3.0 Low	0.10 3.1	0.24 3.3	0.31 4.3	2.0 55	0.43 13.4	7.20 101	0.08	35.02	24.7	8.21	6.40	0.09
T1-1m	4/16/13	939	4.8 High	0.17 5.3	0.40 5.6	0.08 1.1	1.0 27	0.50 15.4	6.33 89	0.07	35.15	24.9	8.21	7.04	0.08
Geomean	FY '13			0.09 2.9	0.39 5.5	0.2 2.8		0.5 15.6	6.6 93	0.07					0.10
T1-10m	7/24/12	935	1.4 Ebb	0.04 1.1	0.64 9.0	0.48 6.7	1.5 41	0.36 11	11.04 155	0.06	35.00	26.3	8.23	6.86	0.03
T1-10m	11/27/12	936	0.6 Ebb	0.12 3.6	1.20 16.8	0.32 4.5	8.6 242	0.44 13.5	6.21 87	0.08	35.04	25.0	8.20	6.82	0.30
T1-10m	1/24/13	942	3.0 Low	0.08 2.5	0.18 2.5	0.17 2.4	1.5 43	0.44 13.5	6.50 91	0.07	35.02	24.7	8.20	6.27	0.13
T1-10m	4/16/13	944	4.7 High	0.15 4.6	0.38 5.3	0.17 2.4	1.0 28	0.48 15.0	6.91 97	0.03	35.16	24.9	8.21	7.00	0.06
Geomean	FY '13			0.08 2.6	0.48 6.7	0.26 3.6		0.43 13.2	7.5 104	0.06					0.09
T1-50m	7/24/12	943	1.3 Ebb	0.04 1.2	0.49 6.9	0.35 4.9	2.3 64	0.34 10.6	5.05 71	0.07	35.07	26.3	8.22	6.42	0.03
T1-50m	11/27/12	940	0.6 Ebb	0.12 3.7	1.10 15.4	0.45 6.3	8.6 241	0.35 10.8	4.13 58	0.05	35.05	25.1	8.20	6.72	0.28
T1-50m	1/24/13	946	2.9 Low	0.07 2.1	0.01 0.1	0.21 2.9	0.9 26	0.41 12.6	4.85 68	0.03	35.04	24.7	8.20	6.25	0.10
T1-50m	4/16/13	950	4.7 High	0.15 4.5	0.46 6.5	0.11 1.6	2.1 58	0.47 14.5	5.81 81	0.02	35.14	24.9	8.21	6.83	0.06
Geomean	FY '13			0.08 2.5	0.21 2.9	0.25 3.5		0.39 12.0	4.9 69	0.04					0.08
T1-100m	7/24/12	951	1.3 Ebb	0.03 0.9	0.37 5.2	0.23 3.2	2.4 69	0.30 9.4	4.11 58	0.08	35.08	26.3	8.23	6.81	0.14
T1-100m	11/27/12	944	0.6 Ebb	0.09 2.9	0.79 11.0	0.31 4.3	6.5 184	0.48 15.0	6.48 91	0.05	35.10	25.1	8.20	6.74	0.20
T1-100m	1/24/13	950	2.8 Low	0.05 1.7	0.01 0.1	0.18 2.5	1.1 32	0.44 13.5	5.01 70	0.06	35.10	24.8	8.23	6.43	0.05
T1-100m	4/16/13	956	4.6 High	0.15 4.6	0.19 2.6	0.14 2.0	0.7 21	0.47 14.5	4.85 68	0.03	35.17	24.9	8.20	6.85	0.05
Geomean	FY '13			0.07 2.1	0.14 2.0	0.21 2.9		0.42 12.9	5.0 71	0.05					0.09
T1-500m	7/24/12	956	1.3 Ebb	0.00 0.1	0.16 2.3	0.09 1.3	1.6 44	0.37 11.5	5.48 77	0.03	35.09	26.4	8.23	6.76	0.08
T1-500m	11/27/12	950	0.5 Ebb	0.06 2.0	0.16 2.3	0.31 4.4	2.5 71	0.42 13.0	5.86 82	0.09	35.22	25.1	8.21	6.87	0.09
T1-500m	1/24/13	957	2.7 Low	0.05 1.6	0.01 0.1	0.12 1.7	1.1 31	0.47 14.5	6.25 88	0.04	35.10	24.7	8.22	6.33	0.09
T1-500m	4/16/13	1003	4.6 High	0.14 4.3	0.04 0.6	0.07 1.0	0.7 18	0.46 14.3	6.25 88	0.03	35.12	24.9	8.21	6.74	0.05
Geomean	FY '13			0.03 1.1	0.05 0.8	0.13 1.8		0.43 13.3	5.9 83	0.04					0.08

NELHA Water Quality Laboratory

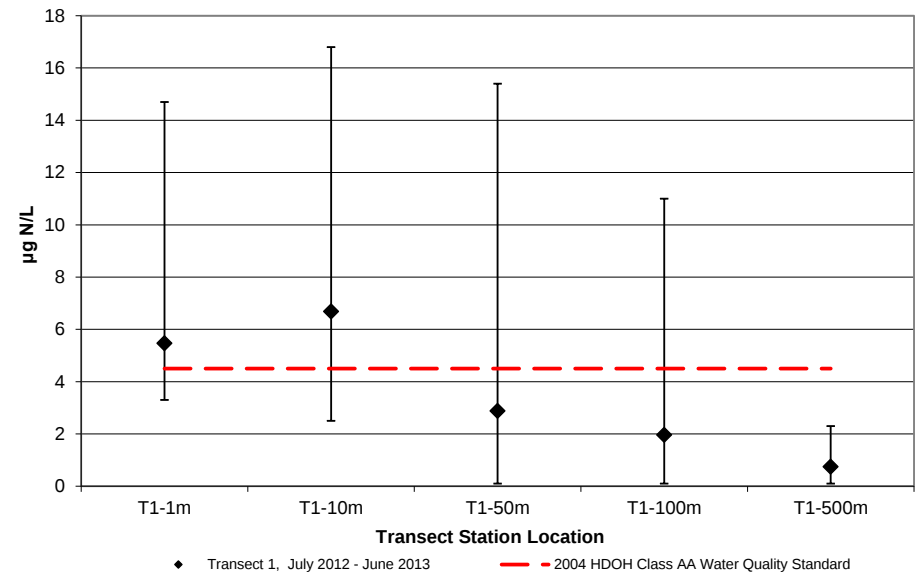
Transect 1

July 2012 - June 2013

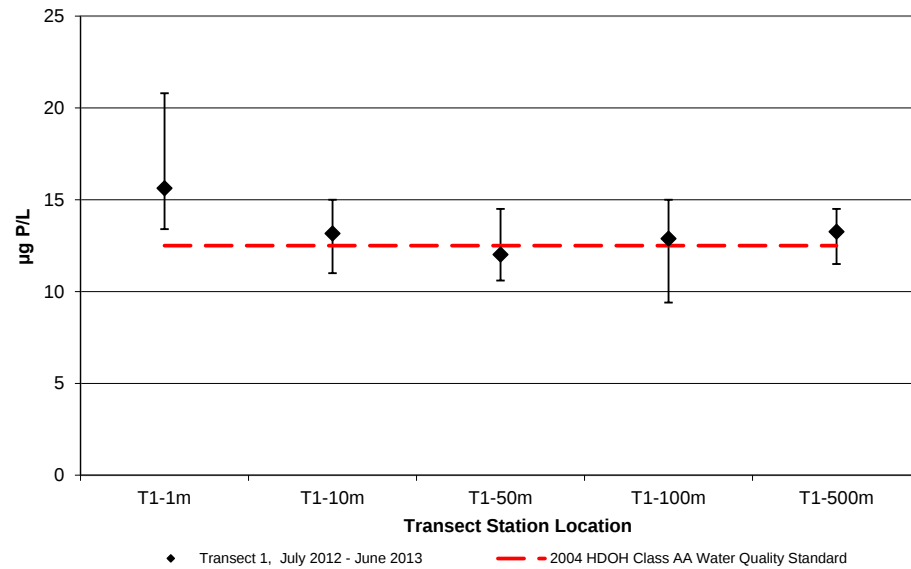
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean



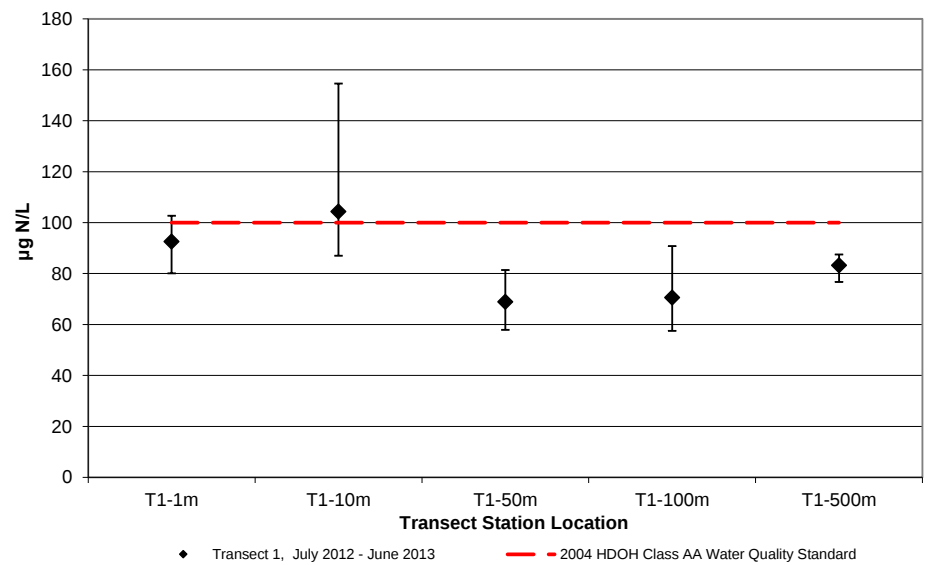
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean

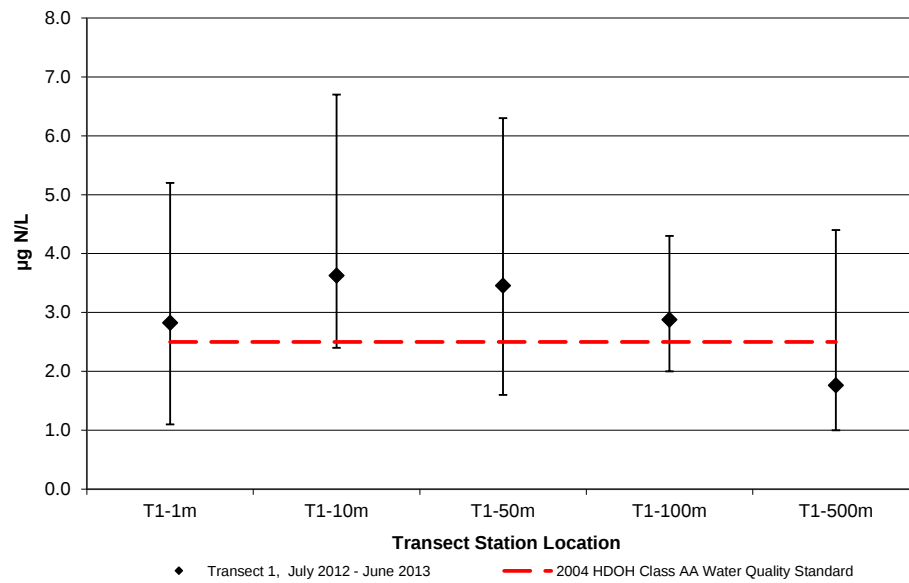


NELHA Water Quality Laboratory

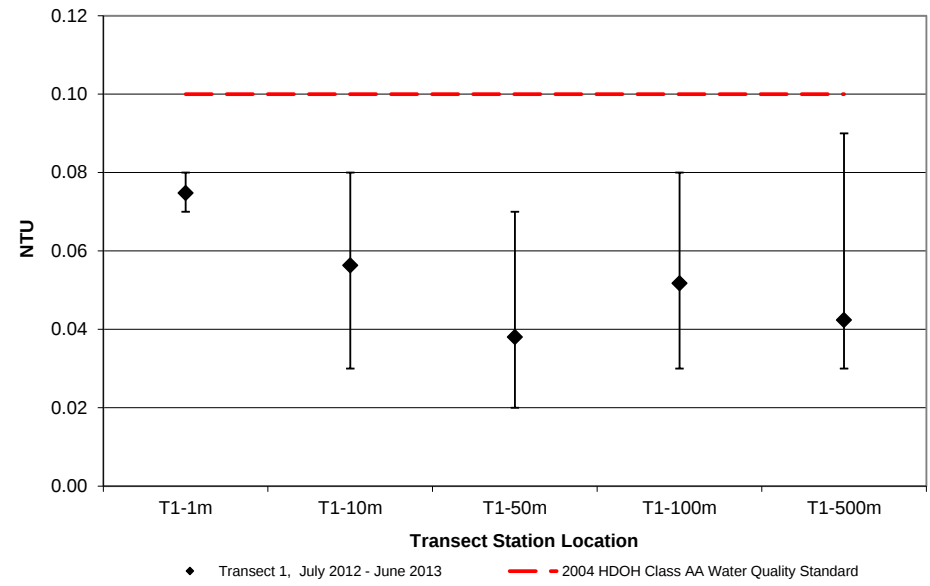
Transect 1

July 2012 - June 2013

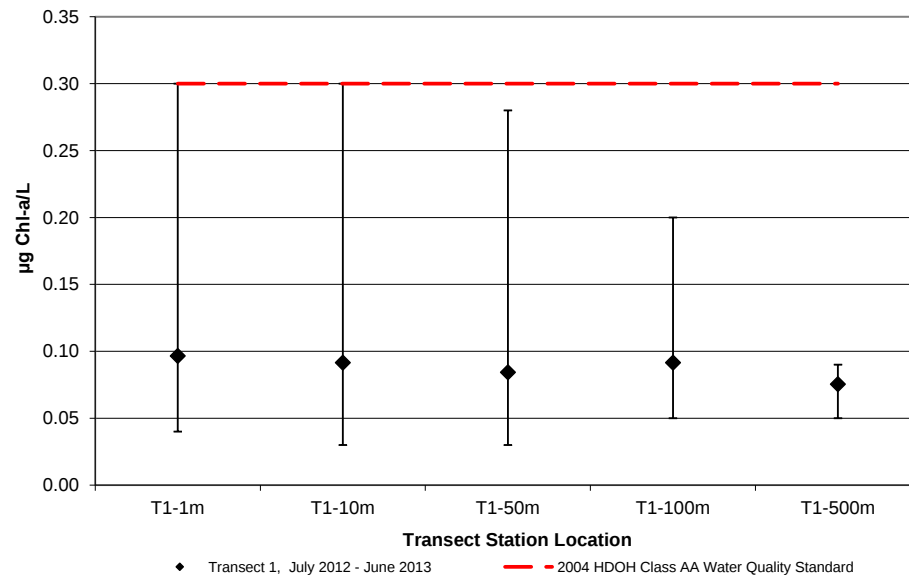
Transect 1 Station Summary
Total Ammonia Geometric Mean



Transect 1 Station Summary
Turbidity Geometric Mean



Transect 1 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 1

July 2011 - June 2012

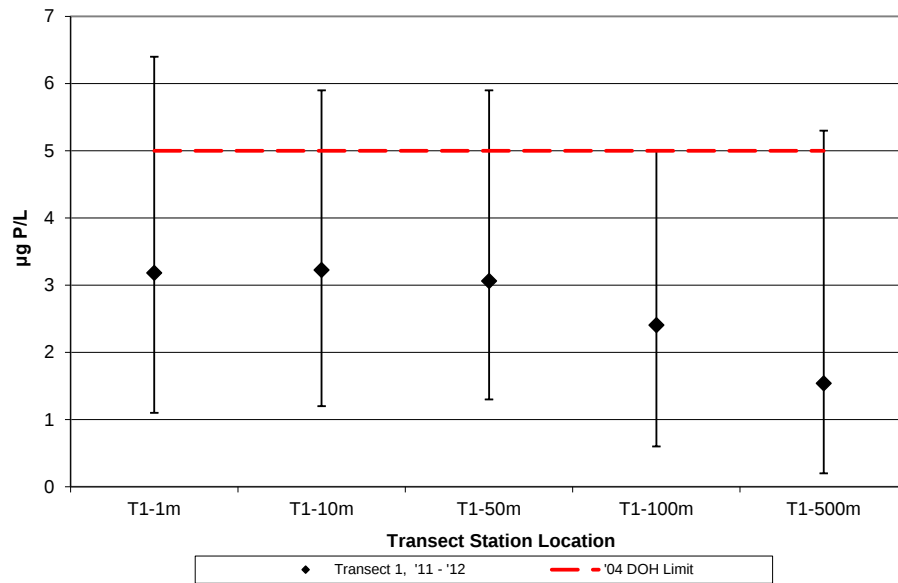
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10	0.30					
T1-1m	7/26/11	944	0.8 Flood	0.21	6.4	0.38	5.3	0.10	1.4	2.8	80	0.52	16.1	4.15	58	0.05	34.76	25.9	8.25	6.36	0.09
T1-1m	10/18/11	927	1.9 Ebb	0.04	1.1	0.29	4.1	0.26	3.7	2.3	64	0.30	9.4	5.60	79	0.09	35.04	26.5	8.19	6.45	0.11
T1-1m	1/25/12	949	0.8 Ebb	0.11	3.4	0.26	3.6	0.08	1.1	3.1	86	0.42	13.1	4.68	66	0.10	35.00	24.7	8.18	6.72	0.11
T1-1m	4/24/12	1014	0.0 Ebb	0.14	4.3	0.24	3.4	0.29	4.1	2.6	73	0.43	13.2	3.55	50	0.11	35.10	24.7	8.20	6.56	0.13
Geomean	'11-'12			0.10	3.2	0.29	4.0	0.2	2.2		0.4	12.7	4.4	62	0.08	0.11					
T1-10m	7/26/11	952	0.8 Flood	0.19	5.9	0.35	4.9	0.12	1.7	2.3	66	0.47	14.6	4.99	70	0.08	34.78	25.9	8.24	6.46	0.10
T1-10m	10/18/11	930	1.9 Ebb	0.04	1.2	0.29	4.1	0.29	4.0	2.7	76	0.30	9.3	5.15	72	0.07	35.04	26.5	8.20	6.59	0.10
T1-10m	1/25/12	953	0.8 Ebb	0.11	3.4	0.36	5.1	0.16	2.2	4.4	124	0.43	13.3	5.65	79	0.10	34.95	24.6	8.19	6.84	0.06
T1-10m	4/24/12	1019	0.0 Ebb	0.15	4.5	0.45	6.3	0.24	3.4	4.4	122	0.41	12.8	4.19	59	0.08	35.06	24.7	8.23	6.63	0.20
Geomean	'11-'12			0.10	3.2	0.36	5.0	0.19	2.7		0.40	12.3	5.0	70	0.08	0.10					
T1-50m	7/26/11	957	0.9 Flood	0.19	5.9	0.33	4.6	0.13	1.8	2.4	69	0.48	15.0	4.44	62	0.04	34.80	26.0	8.25	6.39	0.06
T1-50m	10/18/11	935	1.9 Ebb	0.04	1.3	0.29	4.0	0.26	3.6	2.6	72	0.31	9.6	4.83	68	0.10	35.03	26.5	8.20	6.57	0.12
T1-50m	1/25/12	958	0.8 Ebb	0.10	3.1	0.30	4.2	0.11	1.6	3.6	100	0.44	13.7	5.70	80	0.05	34.98	24.7	8.18	6.57	0.12
T1-50m	4/24/12	1026	0.0 Ebb	0.12	3.7	0.26	3.7	0.23	3.2	3.1	88	0.39	12.1	3.79	53	0.12	35.07	24.8	8.21	6.66	0.24
Geomean	'11-'12			0.10	3.1	0.29	4.1	0.17	2.4		0.40	12.4	4.6	65	0.07	0.12					
T1-100m	7/26/11	1006	0.9 Flood	0.16	5.0	0.02	0.3	0.09	1.3	1.8	50	0.48	14.8	5.09	71	0.08	34.86	26.2	8.26	6.42	0.07
T1-100m	10/18/11	938	1.9 Ebb	0.02	0.6	0.21	2.9	0.18	2.5	3.2	90	0.32	9.8	5.72	80	0.07	35.05	26.6	8.20	6.55	0.09
T1-100m	1/25/12	1006	0.8 Ebb	0.10	3.2	0.51	7.1	0.11	1.5	5.7	159	0.47	14.5	5.55	78	0.09	34.93	24.6	8.17	6.53	0.10
T1-100m	4/24/12	1031	0.0 Ebb	0.11	3.5	0.21	3.0	0.16	2.3	2.8	79	0.40	12.5	4.30	60	0.13	35.07	24.8	8.21	6.60	0.07
Geomean	'11-'12			0.08	2.4	0.15	2.1	0.13	1.8		0.41	12.7	5.1	72	0.09	0.08					
T1-500m	7/26/11	1017	0.9 Flood	0.17	5.3	0.29	4.0	0.06	0.9	2.7	76	0.48	14.8	5.39	76	0.08	34.79	26.1	8.26	6.32	0.08
T1-500m	10/18/11	947	1.8 Ebb	0.01	0.2	0.03	0.4	0.11	1.5	2.0	55	0.39	12.0	5.51	77	0.08	35.06	26.6	8.23	6.78	0.13
T1-500m	1/25/12	1013	0.7 Ebb	0.06	1.9	0.01	0.2	0.04	0.6	1.8	51	0.41	12.7	6.20	87	0.07	35.04	24.8	8.20	6.74	0.08
T1-500m	4/24/12	1038	-0.1 Ebb	0.09	2.8	0.03	0.4	0.15	2.1	0.9	24	0.38	11.9	4.44	62	0.11	35.19	24.6	8.22	6.66	0.08
Geomean	'11-'12			0.05	1.5	0.04	0.6	0.08	1.1		0.41	12.8	5.3	75	0.08	0.09					

NELHA Water Quality Laboratory

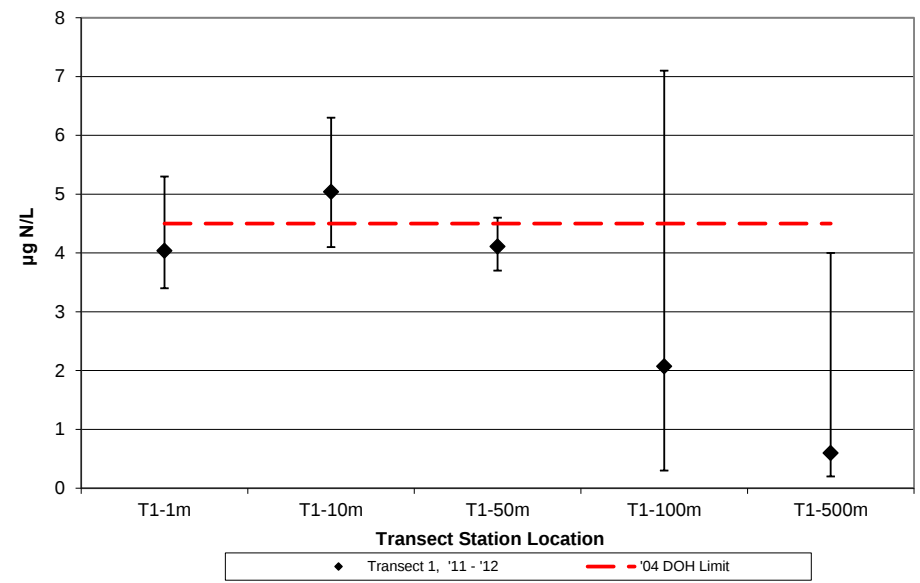
Transect 1

July 2011 - June 2012

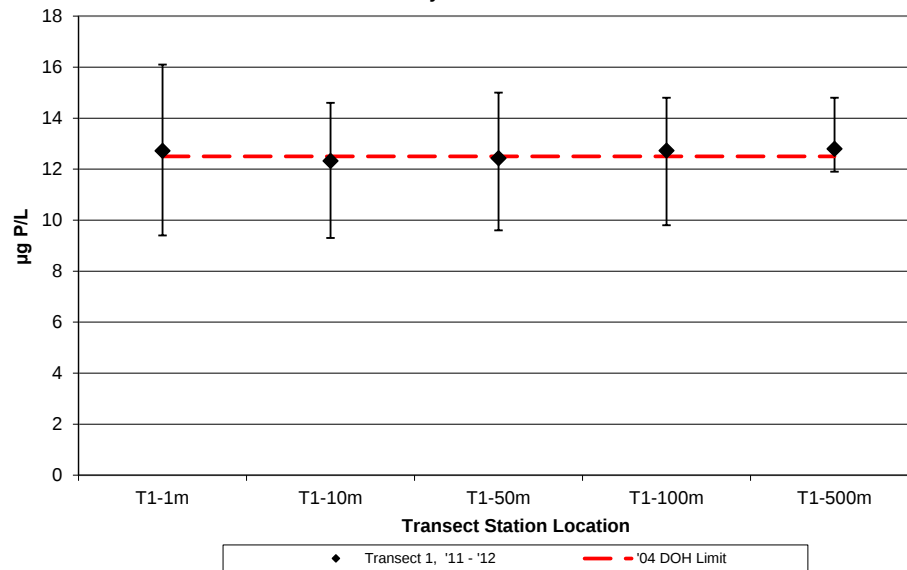
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean, July 2011 - June 2012



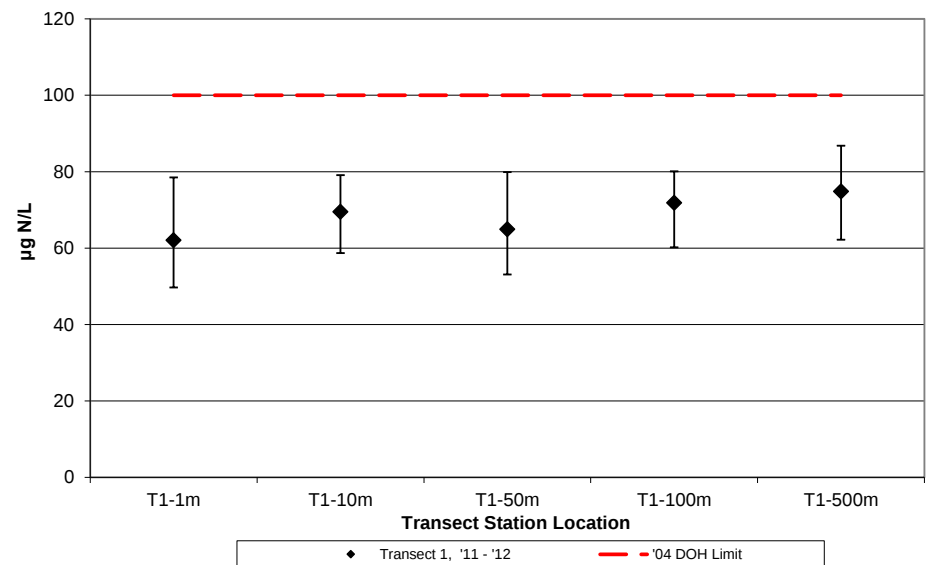
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean, July 2011 - June 2012



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2011 - June 2012



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2011 - June 2012

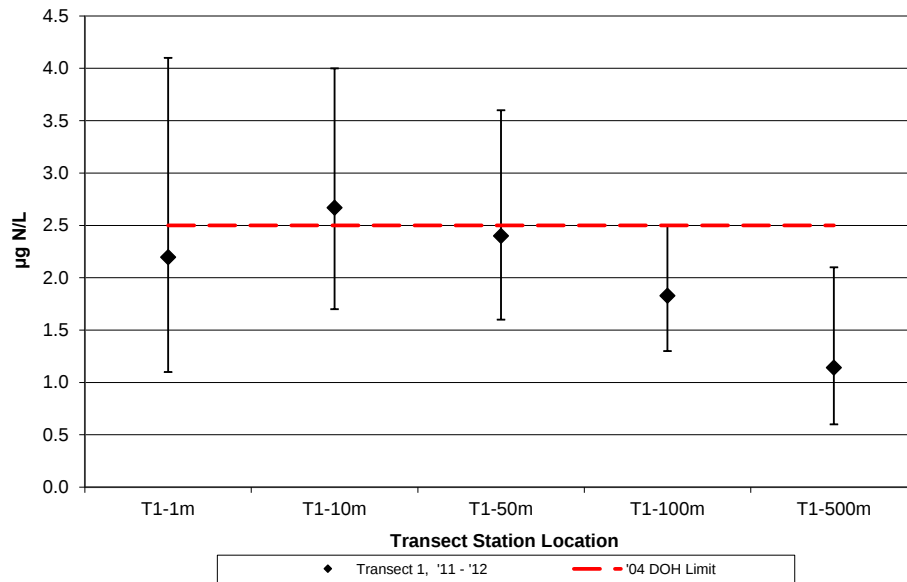


NELHA Water Quality Laboratory

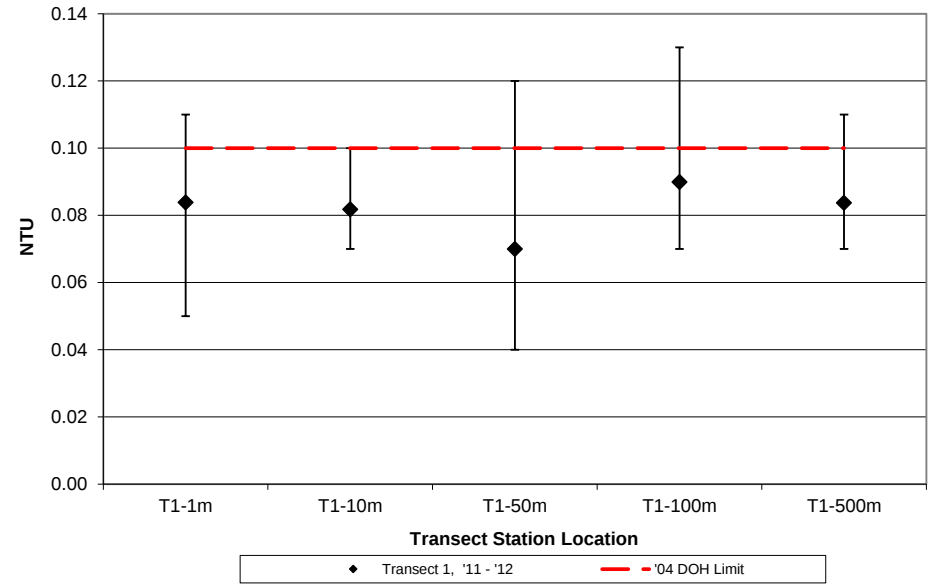
Transect 1

July 2011 - June 2012

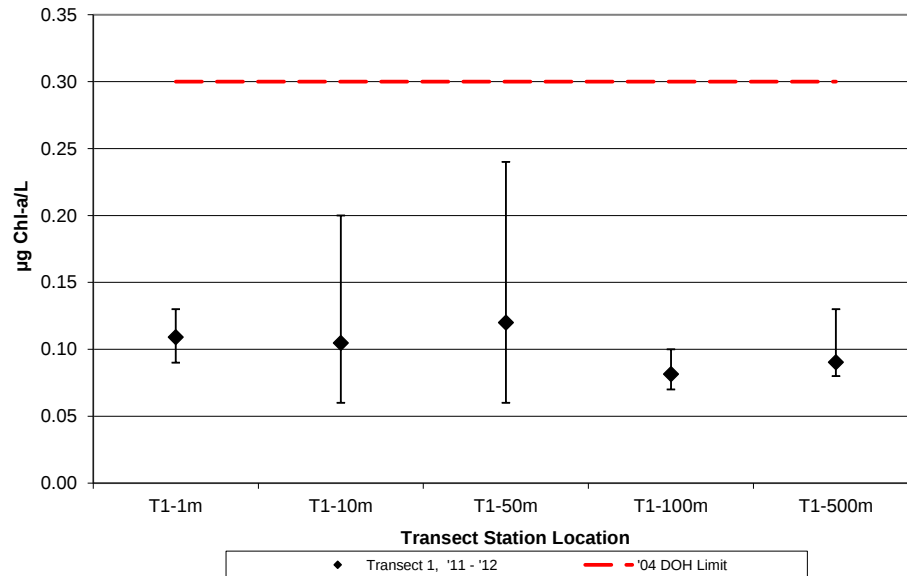
Transect 1 Station Summary
Total Ammonia Geometric Mean, July 2011 - June 2012



Transect 1 Station Summary
Turbidity Geometric Mean, July 2011 - June 2012



Transect 1 Station Summary
Chlorophyll-a Geometric Mean, July 2011 - June 2012



NELHA Water Quality Laboratory

Transect 1

July 2010 - June 2011

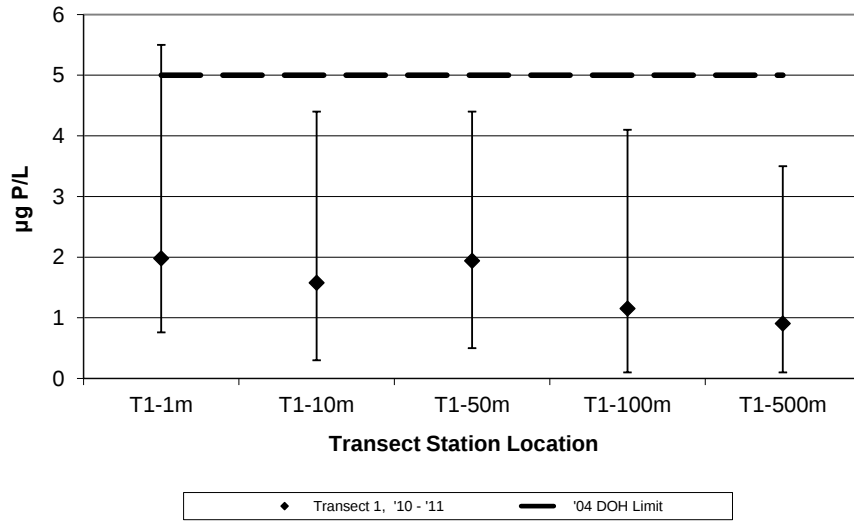
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T1-1m	8/10/10	937	-0.2 Ebb	0.03 0.9	0.49 6.8	0.26 3.7	5.8 164	0.29 8.9	3.3 46	0.08	34.84	26.0	8.24	6.45	0.07
T1-1m	11/8/10	927	1.3 Ebb	0.02 0.8	0.29 4.0	0.16 2.2	5.3 149	0.38 11.7	4.7 65	0.18	35.25	26.4	8.24	6.18	0.04
T1-1m	1/11/11	935	1.1 Ebb	0.13 4.1	0.21 2.9	0.03 0.4	3.3 93	0.44 13.5	3.9 55	0.09	35.01	25.0	8.21	6.42	0.08
T1-1m	4/26/11	935	0.4 Flood	0.18 5.5	0.35 4.9	0.14 1.9	6.8 192	0.48 14.9	3.5 49	0.08	34.95	25.1	8.23	6.46	0.14
Geomean	'10-'11			0.06 2.0	0.32 4.4	0.1 1.6		0.4 12.0	3.8 53	0.10					0.07
T1-10m	8/10/10	942	-0.2 Ebb	0.04 1.2	0.58 8.1	0.06 0.9	4.8 135	0.29 9	3.3 46	0.08	34.84	26.0	8.25	6.41	0.07
T1-10m	11/8/10	931	1.2 Ebb	0.01 0.3	0.17 2.4	0.14 2.0	2.3 65	0.35 10.7	3.4 48	0.04	35.26	26.4	8.25	6.15	0.05
T1-10m	1/11/11	940	1.1 Ebb	0.13 3.9	0.22 3.1	0.01 0.1	4.4 123	0.42 12.9	3.6 51	0.09	35.01	25.0	8.21	6.41	0.09
T1-10m	4/26/11	940	0.4 Flood	0.14 4.4	0.44 6.2	0.07 1.0	8.3 234	0.45 14.0	3.9 55	0.09	34.94	25.0	8.21	6.53	0.12
Geomean	'10-'11			0.05 1.6	0.31 4.4	0.05 0.7		0.37 11.5	3.6 50	0.07					0.08
T1-50m	8/10/10	945	-0.3 Ebb	0.05 1.5	0.86 12.0	0.05 0.7	6.2 173	0.29 9.1	3.4 48	0.04	34.31	26.0	8.24	6.38	0.12
T1-50m	11/8/10	934	1.2 Ebb	0.02 0.5	0.14 2.0	0.12 1.7	3.5 98	0.41 12.6	4.0 56	0.03	35.25	26.4	8.25	6.13	0.08
T1-50m	1/11/11	945	1.1 Ebb	0.14 4.3	0.54 7.5	0.06 0.9	3.7 104	0.51 15.7	4.5 64	0.06	35.02	25.0	8.20	6.46	0.09
T1-50m	4/26/11	945	0.5 Flood	0.14 4.4	0.53 7.4	0.05 0.7	3.3 94	0.47 14.6	3.8 53	0.06	34.95	25.0	8.21	6.50	0.2
Geomean	'10-'11			0.06 1.9	0.43 6.0	0.07 0.9		0.41 12.7	3.9 55	0.05					0.11
T1-100m	8/10/10	948	-0.3 Ebb	0.04 1.2	0.92 12.9	0.05 0.7	11.5 324	0.58 17.9	4.9 68	0.09	34.73	26.0	8.24	6.42	0.10
T1-100m	11/8/10	938	1.1 Ebb	0.00 0.1	0.25 3.5	0.17 2.4	2.2 62	0.41 12.6	4.7 66	0.08	35.26	26.4	8.24	6.12	0.06
T1-100m	1/11/11	949	1.1 Ebb	0.13 4.1	0.54 7.5	0.01 0.1	5.6 158	0.45 13.8	3.9 55	0.05	35.01	25.0	8.21	6.47	0.11
T1-100m	4/26/11	950	0.5 Flood	0.12 3.6	0.34 4.8	0.15 2.1	10.5 295	0.43 13.4	4.2 59	0.06	34.97	25.0	8.22	6.46	0.12
Geomean	'10-'11			0.04 1.2	0.45 6.3	0.06 0.8		0.46 14.3	4.4 62	0.07					0.09
T1-500m	8/10/10	955	-0.3 Low	0.02 0.6	0.67 9.4	0.05 0.7	7.2 202	0.27 8.3	3.60 50	0.06	34.77	26.0	8.22	6.28	0.06
T1-500m	11/8/10	943	1.0 Ebb	0.00 0.1	0.02 0.3	0.07 1.0	7.0 197	0.32 9.9	4.45 62	0.04	35.31	26.6	8.25	6.17	0.03
T1-500m	1/11/11	957	1.0 Ebb	0.11 3.5	0.00 0.1	0.07 1.0	0.6 17	0.42 13.1	3.04 43	0.04	35.04	25.1	8.21	6.34	0.13
T1-500m	4/26/11	953	0.4 Flood	0.10 3.2	0.21 3.0	0.08 1.1	4.7 132	0.46 14.1	3.53 49	0.08	34.94	25.0	8.22	6.33	0.14
Geomean	'10-'11			0.03 0.9	0.06 0.8	0.07 0.9		0.36 11.1	3.6 51	0.05					0.08

NELHA Water Quality Laboratory

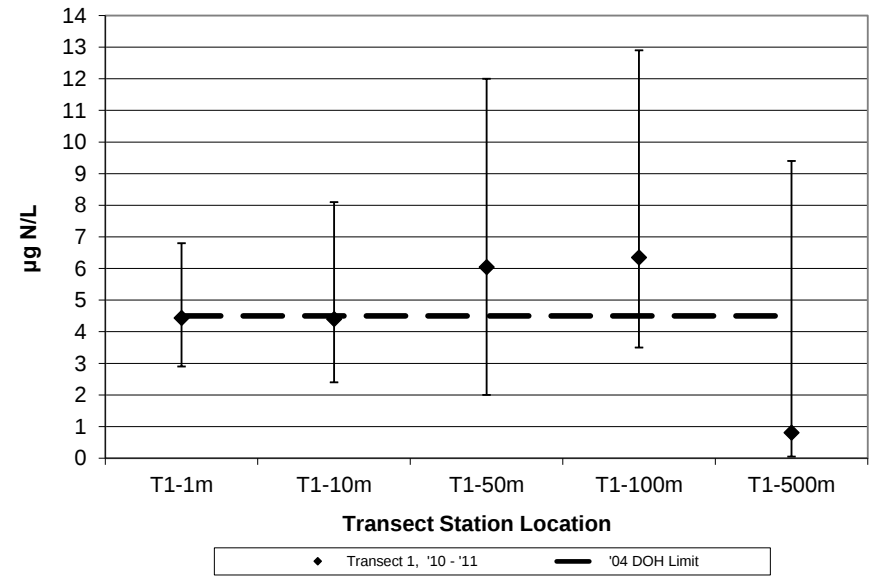
Transect 1

July 2010 - June 2011

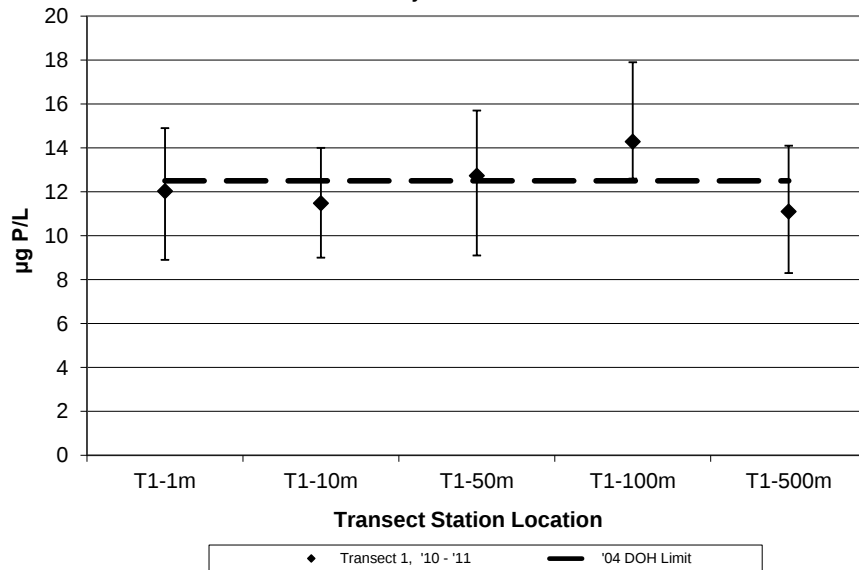
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean, July 2010 - June 2011



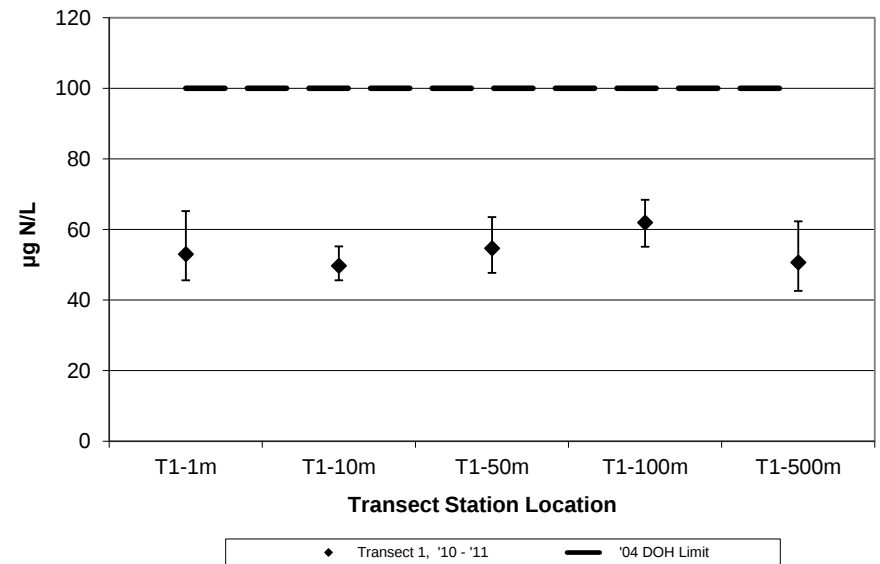
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean, July 2010 - June 2011



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2010 - June 2011



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2010 - June 2011

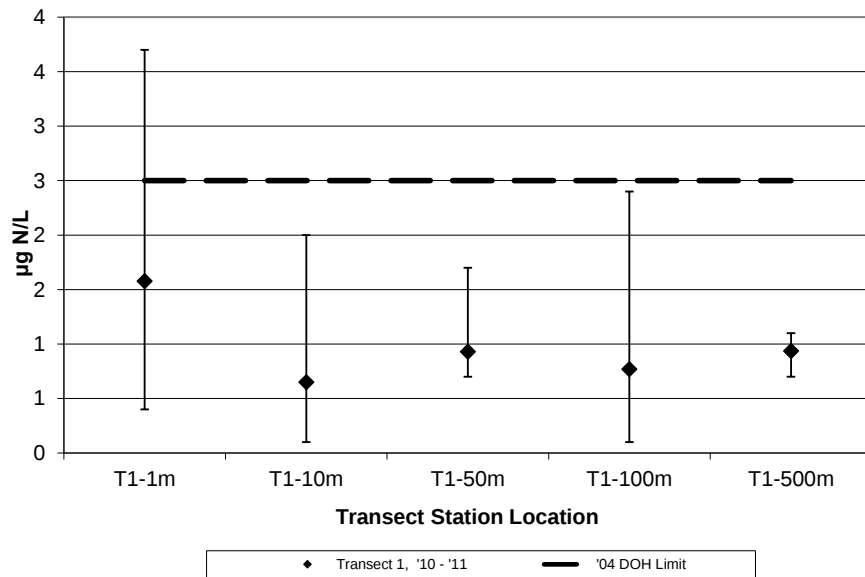


NELHA Water Quality Laboratory

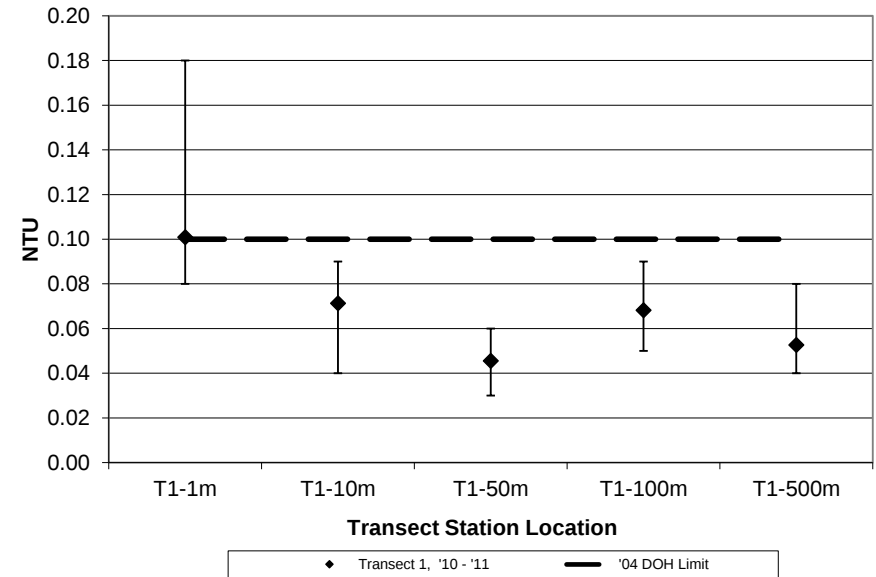
Transect 1

July 2010 - June 2011

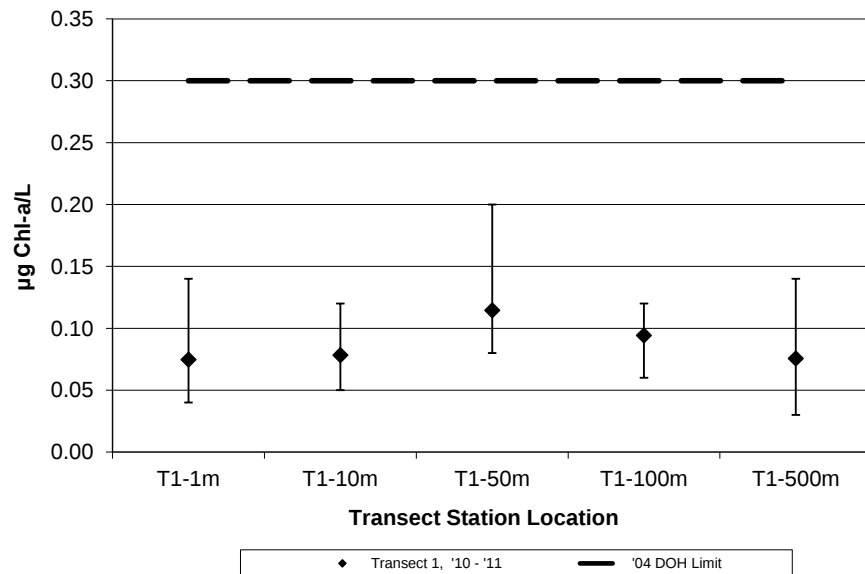
Transect 1 Station Summary
Ammonia Geometric Mean, July 2010 - June 2011



Transect 1 Station Summary
Turbidity Geometric Mean, July 2010 - June 2011



Transect 1 Station Summary
Chlorophyll-a Geometric Mean, July 2010 - June 2011



NELHA Water Quality Laboratory

Transect 1

July 2009 - June 2010

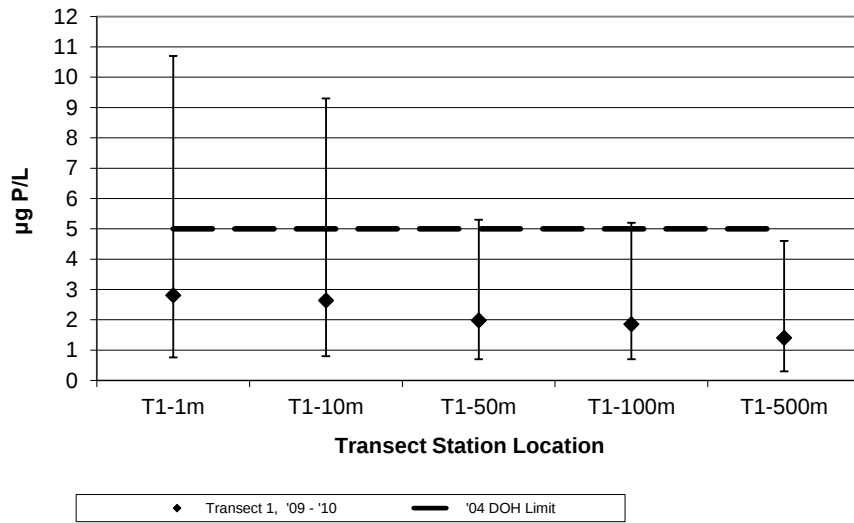
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T1-1m	9/9/09	856	1.8 Ebb	0.35 10.7	0.36 5.1	0.16 2.2	9.8 276	0.65 20.0	7.2 101	0.11	35.08	26.8	8.22	6.01	0.06
T1-1m	11/23/09	928	1.8 High	0.02 0.8	0.33 4.6	0.04 0.6	33.5 940	0.31 9.7	6.4 90	0.08	35.17	25.3	8.25	6.13	0.18
T1-1m	2/23/10	928	0.3 Flood	0.16 5.1	0.44 6.1	0.39 5.5	42.7 1199	0.35 10.8	5.1 71	0.10	35.03	24.6	8.21	6.23	0.32
T1-1m	5/25/10	1056	0.5 Flood	0.05 1.5	0.12 1.7	0.12 1.7	10.3 290	0.58 18.1	6.2 87	0.08	34.96	25.1	8.25	7.01	0.09
Geomean	'09-'10			0.09 2.8	0.28 3.9	0.1 1.9		0.5 14.0	6.2 87	0.09					0.13
T1-10m	9/9/09	911	1.8 Ebb	0.30 9.3	0.27 3.8	0.10 1.4	13.3 375	0.54 16.7	7.4 104	0.14	35.20	26.6	8.23	5.76	0.04
T1-10m	11/23/09	934	1.8 High	0.03 0.8	0.24 3.4	0.14 1.9	19.1 536	0.34 10.4	6.8 95	0.08	35.19	25.3	8.27	6.13	0.2
T1-10m	2/23/10	942	0.4 Flood	0.17 5.4	0.43 6.0	0.40 5.6	31.5 886	0.35 10.9	4.9 69	0.09	35.04	24.6	8.21	6.23	0.32
T1-10m	5/25/10	1100	0.5 Flood	0.04 1.2	0.12 1.7	0.12 1.7	14.6 411	0.36 11.2	5.2 73	0.07	34.97	25.1	8.23	7.02	0.09
Geomean	'09-'10			0.09 2.6	0.24 3.4	0.16 2.2		0.39 12.1	6.0 84	0.09					0.12
T1-50m	9/9/09	919	1.8 Ebb	0.17 5.3	0.50 7.0	0.04 0.5	8.1 226	0.56 17.4	7.1 99	0.11	35.15	26.8	8.22	5.54	0.16
T1-50m	11/23/09	938	1.8 High	0.03 0.8	0.22 3.1	0.14 1.9	9.7 273	0.37 11.6	5.2 74	0.06	35.16	25.3	8.29	6.11	0.17
T1-50m	2/23/10	945	0.4 Flood	0.17 5.2	0.39 5.4	0.49 6.9	17.6 495	0.38 11.8	4.5 63	0.06	35.03	24.6	8.20	6.22	0.2
T1-50m	5/25/10	1104	0.5 Flood	0.02 0.7	0.06 0.8	0.05 0.7	13.7 386	0.29 9.0	3.2 45	0.08	35.00	24.9	8.22	6.85	0.1
Geomean	'09-'10			0.06 2.0	0.22 3.1	0.10 1.5		0.39 12.1	4.8 68	0.08					0.15
T1-100m	9/9/09	926	1.7 Ebb	0.13 4.1	0.16 2.2	0.10 1.4	6.0 169	0.50 15.6	5.3 75	0.12	35.16	26.9	8.23	5.50	0.27
T1-100m	11/23/09	942	1.8 High	0.03 0.8	0.43 6.0	0.12 1.7	33.5 941	0.42 12.9	7.7 108	0.09	35.13	25.3	8.26	6.13	0.13
T1-100m	2/23/10	951	0.4 Flood	0.17 5.2	0.22 3.1	0.48 6.7	93.0 2612	0.40 12.3	4.4 62	0.05	35.06	24.6	8.21	6.13	0.34
T1-100m	5/25/10	1109	0.5 Flood	0.02 0.7	0.07 1.0	0.04 0.5	4.1 114	0.29 9.0	4.6 65	0.08	35.01	24.9	8.25	6.84	0.1
Geomean	'09-'10			0.06 1.9	0.18 2.5	0.12 1.7		0.39 12.2	5.4 75	0.08					0.19
T1-500m	9/9/09	935	1.7 Ebb	0.11 3.5	0.11 1.6	0.12 1.7	6.1 171	0.53 16.4	6.40 90	0.11	35.20	26.8	8.20	5.66	0.26
T1-500m	11/23/09	951	1.7 Ebb	0.03 0.8	0.08 1.1	0.05 0.7	15.9 448	0.40 12.5	5.12 72	0.07	35.18	25.3	8.25	6.16	0.18
T1-500m	2/23/10	1002	0.4 Flood	0.15 4.6	0.00 0.1	0.48 6.7	14.5 407	0.38 11.9	4.05 57	0.04	35.06	24.6	8.21	6.03	0.23
T1-500m	5/25/10	1115	0.6 Flood	0.01 0.3	0.01 0.1	0.04 0.5	2.3 66	0.31 9.6	4.78 67	0.11	35.06	25.2	8.22	6.87	0.05
Geomean	'09-'10			0.05 1.4	0.02 0.3	0.10 1.4		0.40 12.4	5.0 70	0.08					0.15

NELHA Water Quality Laboratory

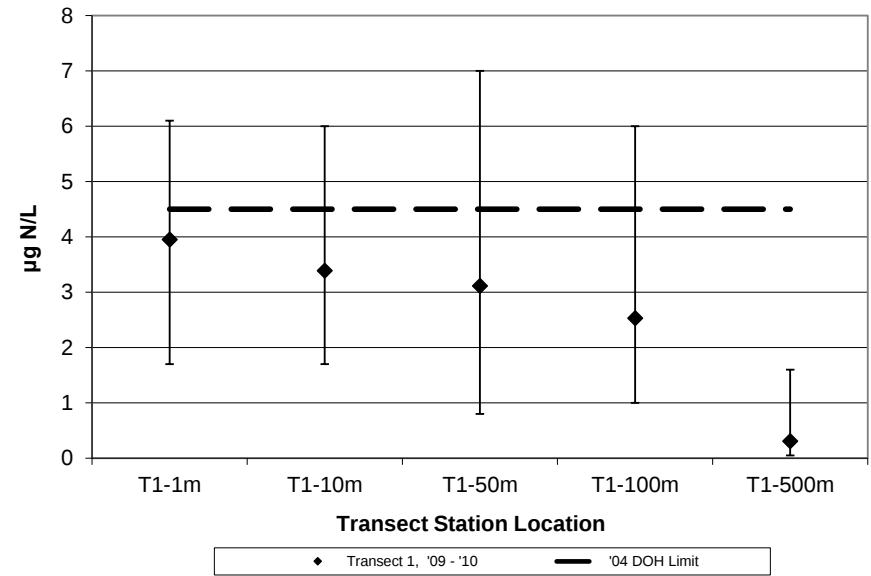
Transect 1

July 2009 - June 2010

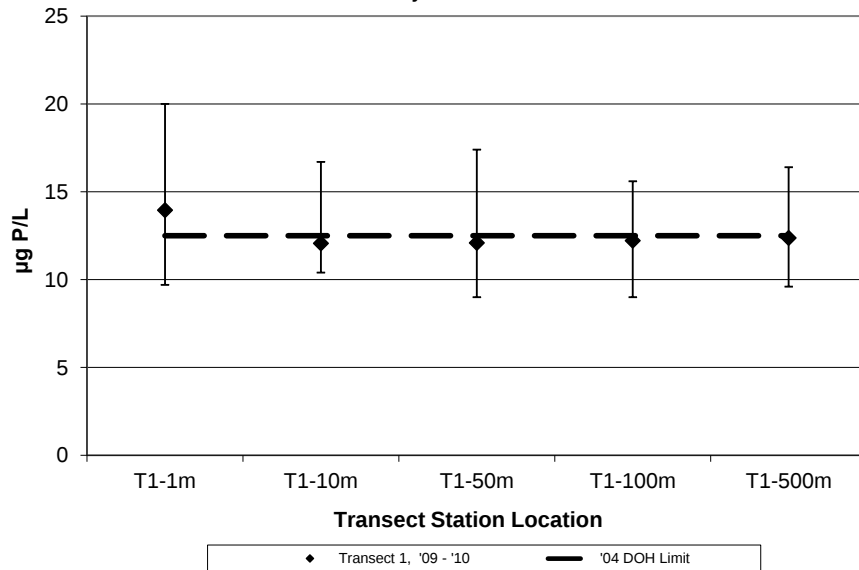
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean, July 2009 - June 2010



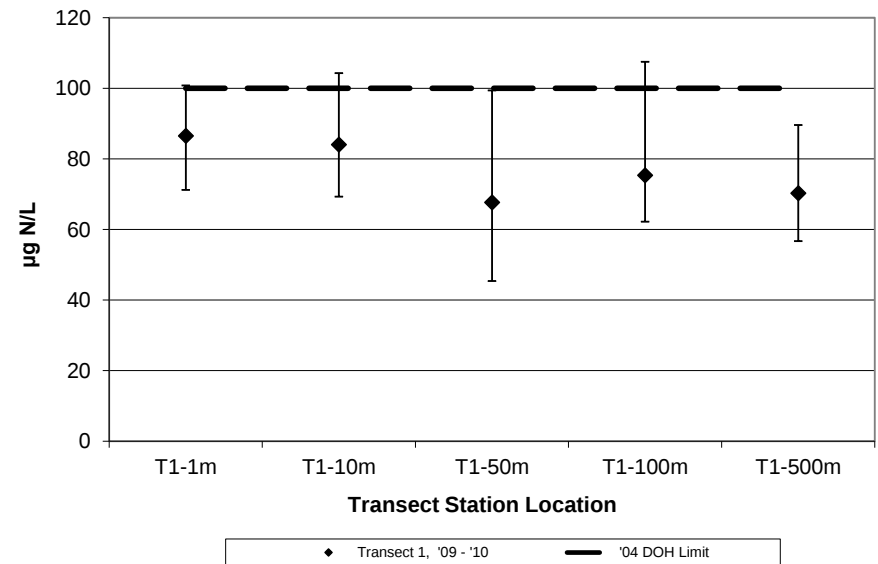
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean, July 2009 - June 2010



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2009 - June 2010



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2009 - June 2010

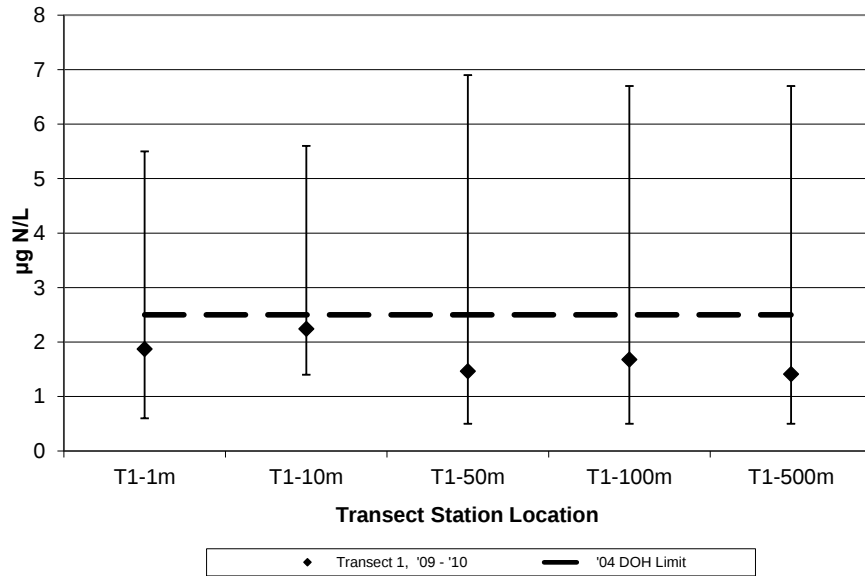


NELHA Water Quality Laboratory

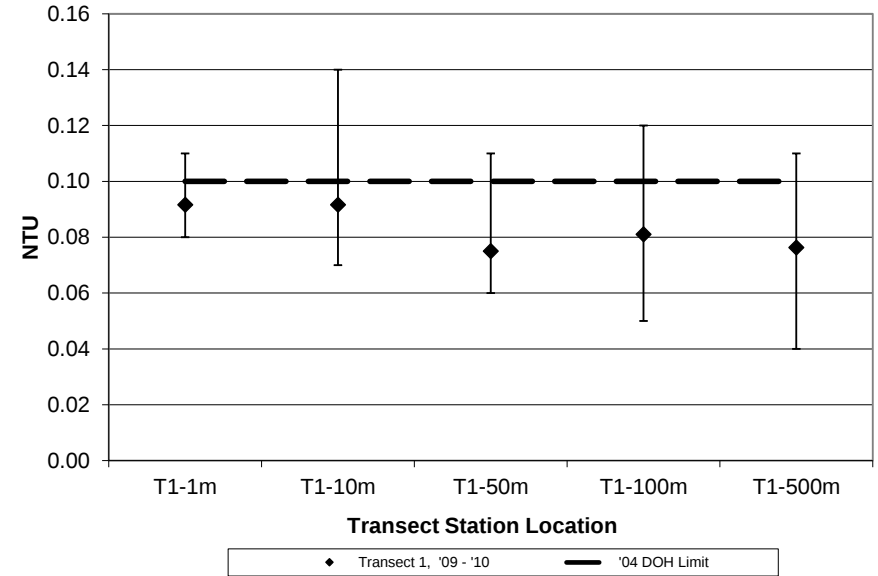
Transect 1

July 2009 - June 2010

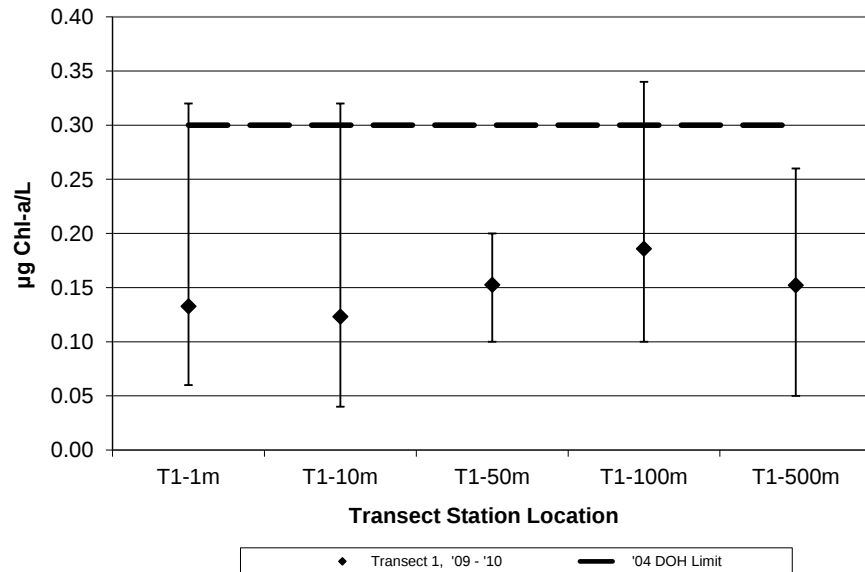
Transect 1 Station Summary
Ammonia Geometric Mean, July 2009 - June 2010



Transect 1 Station Summary
Turbidity Geometric Mean, July 2009 - June 2010



Transect 1 Station Summary
Chlorophyll-a Geometric Mean, July 2009 - June 2010



NELHA Water Quality Laboratory

Transect 1

July 2008 - June 2009

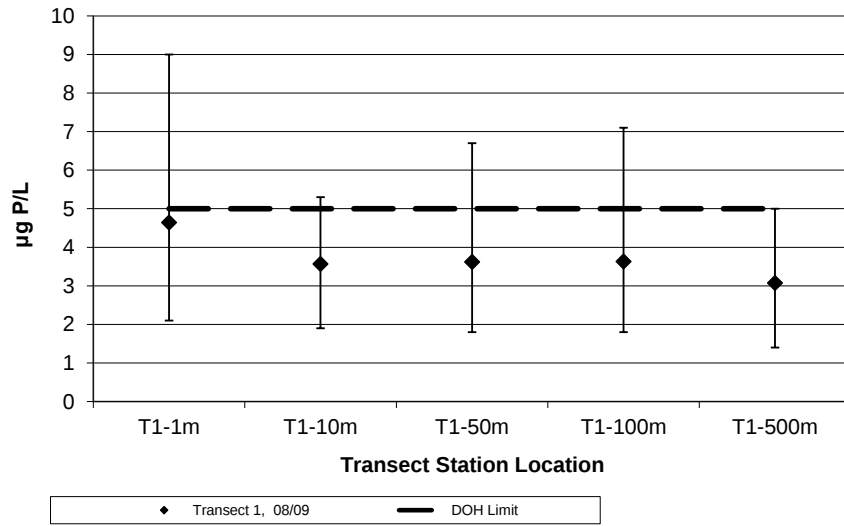
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30		
T1-1m	9/22/08	1037	2.2 High	0.07	2.1	0.09	1.3	0.41	5.8	2.1	59	0.32	9.9	5.4	76	0.10	34.750	26.6	7.95	6.68	0.02
T1-1m	11/17/08	916	2.0 Ebb	0.13	4.1	0.23	3.2	0.28	3.9	2.7	75	0.29	8.9	4.1	58	0.15	34.950	25.7	8.10	5.39	0.02
T1-1m	2/9/09	913	0.2 Ebb	0.19	6.0	0.30	4.2	0.12	1.7	2.1	60	0.32	9.8	4.6	65	0.27	34.961	24.9	8.06	6.28	0.01
T1-1m	4/13/09	907	0.5 Ebb	0.29	9.0	0.36	5.1	0.33	4.6	3.7	105	0.60	18.7	5.7	80	0.20	34.958	23.9	8.05	6.06	0.05
Geomean	08/09			0.15	4.6	0.22	3.1	0.3	3.6		0.4	11.3	4.9	69	0.17					0.02	
T1-10m	9/22/08	1041	2.2 High	0.06	1.9	0.12	1.7	0.04	0.6	2.5	70	0.25	7.7	5.0	70	0.12	34.832	26.6	7.99	6.53	0.06
T1-10m	11/17/08	923	2.0 Ebb	0.17	5.3	0.23	3.2	0.14	1.9	3.3	93	0.36	11.3	4.7	66	0.08	34.951	25.6	8.16	5.3	0.07
T1-10m	2/9/09	918	0.2 Ebb	0.10	3.1	0.10	1.4	0.12	1.7	1.6	46	0.22	6.8	4.9	69	0.18	34.984	24.9	8.06	6.23	0.01
T1-10m	4/13/09	912	0.5 Ebb	0.17	5.2	0.21	2.9	1.25	17.5	2.7	75	0.40	12.5	6.7	94	0.10	34.985	23.9	8.10	6.01	0.04
Geomean	08/09			0.12	3.6	0.15	2.2	0.17	2.4		0.30	9.3	5.3	74	0.11					0.04	
T1-50m	9/22/08	1047	2.2 High	0.06	1.8	0.17	2.4	0.07	1.0	2.6	72	0.25	7.7	5.0	70	0.07	34.805	26.6	8.01	6.33	0.10
T1-50m	11/17/08	927	2.0 Ebb	0.16	5.1	0.40	5.6	0.14	1.9	3.6	102	0.37	11.5	6.1	86	0.33	34.905	25.6	8.20	6.17	0.08
T1-50m	2/9/09	924	0.1 Ebb	0.09	2.8	0.10	1.4	0.12	1.7	1.1	32	0.16	4.9	5.7	80	0.11	35.049	24.9	8.07	6.20	0.01
T1-50m	4/13/09	916	0.5 Ebb	0.22	6.7	0.15	2.1	0.24	3.4	2.8	79	0.51	15.9	6.5	91	0.14	34.983	23.9	8.13	5.79	0.04
Geomean	08/09			0.12	3.6	0.18	2.5	0.13	1.8		0.29	9.1	5.8	81	0.14					0.04	
T1-100m	9/22/08	1053	2.2 High	0.06	1.8	0.14	2.0	0.15	2.1	2.3	66	0.25	7.8	4.9	68	0.10	34.814	26.6	8.01	6.83	0.10
T1-100m	11/17/08	932	2.0 Ebb	0.15	4.7	0.07	1.0	0.14	1.9	3.7	104	0.39	12.1	5.8	81	0.09	34.934	25.7	8.22	6.11	0.07
T1-100m	2/9/09	933	0.0 Ebb	0.09	2.9	0.16	2.2	0.12	1.7	1.7	49	0.22	6.7	5.4	76	0.14	35.058	24.9	8.06	6.15	0.01
T1-100m	4/13/09	923	0.5 Ebb	0.23	7.1	0.23	3.2	0.34	4.7	3.8	107	0.48	14.8	4.9	69	0.16	34.968	24.0	8.15	5.9	0.05
Geomean	08/09			0.12	3.6	0.14	1.9	0.17	2.4		0.32	9.8	5.2	73	0.12					0.04	
T1-500m	9/22/08	1101	2.2 High	0.05	1.4	0.05	0.7	0.14	2.0	1.4	40	0.25	7.8	5.89	83	0.08	34.839	26.7	8.02	6.27	0.05
T1-500m	11/17/08	939	2.0 Ebb	0.16	5.0	0.04	0.5	0.14	1.9	2.8	80	0.37	11.5	5.48	77	0.20	34.966	25.6	8.24	5.99	0.08
T1-500m	2/9/09	939	0.0 Ebb	0.09	2.9	0.21	2.9	0.12	1.7	2.9	81	0.17	5.2	4.94	69	0.09	35.047	24.9	8.06	6.04	0.01
T1-500m	4/13/09	932	0.5 Ebb	0.14	4.4	0.30	4.2	3.47	48.6	4.6	128	0.48	15.0	10.51	147	0.18	34.924	24.1	8.15	6.03	0.10
Geomean	08/09			0.10	3.1	0.10	1.4	0.30	4.2		0.30	9.1	6.4	90	0.13					0.04	

NELHA Water Quality Laboratory

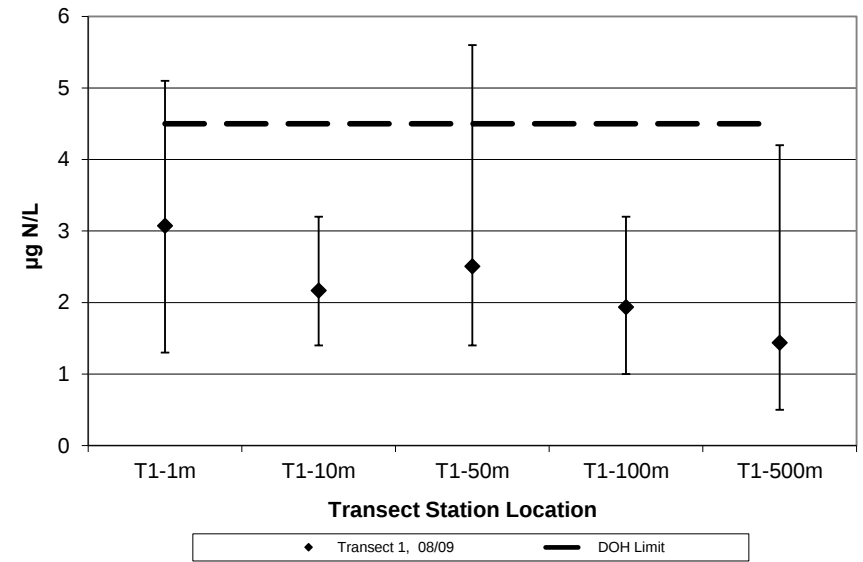
Transect 1

July 2008 - June 2009

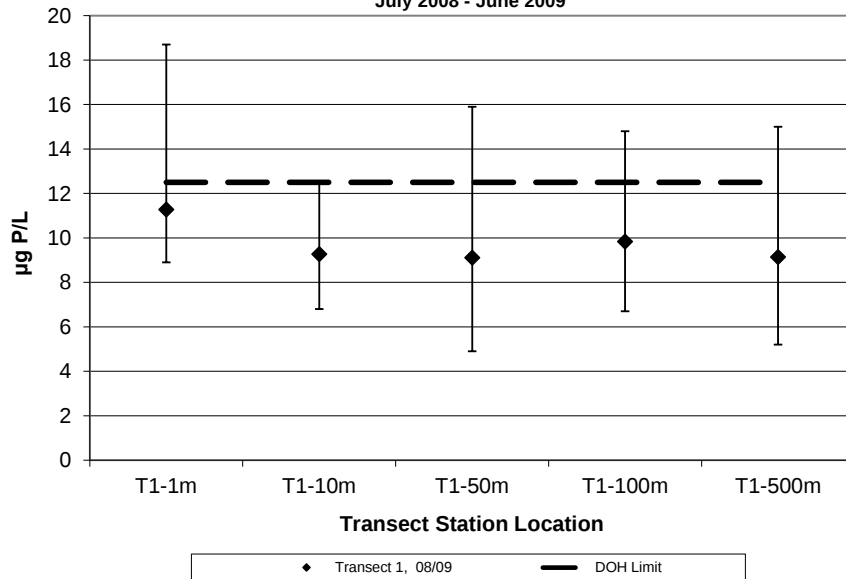
Transect 1 Station Summary
Ortho-Phosphate Geometric Mean, July 2008 - June 2009



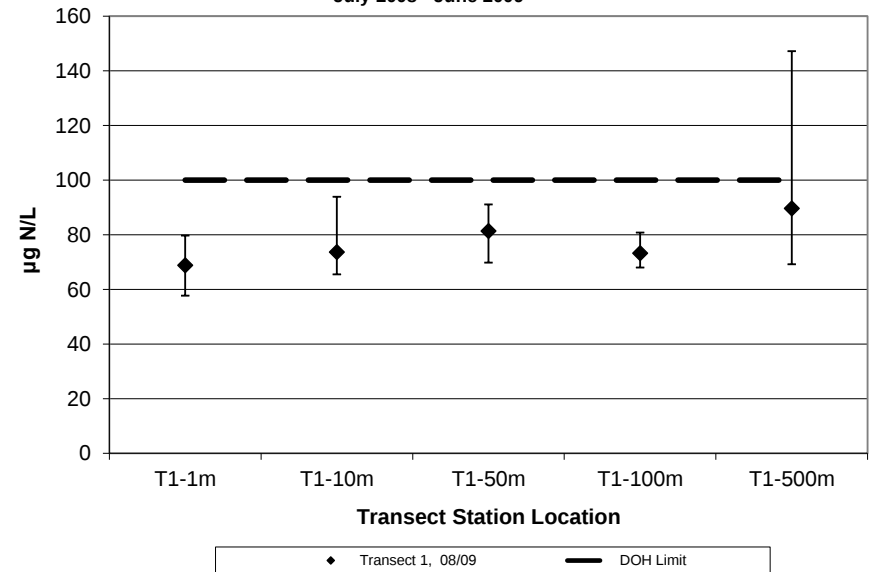
Transect 1 Station Summary
Nitrate + Nitrite Geometric Mean, July 2008 - June 2009



Transect 1 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2008 - June 2009



Transect 1 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2008 - June 2009

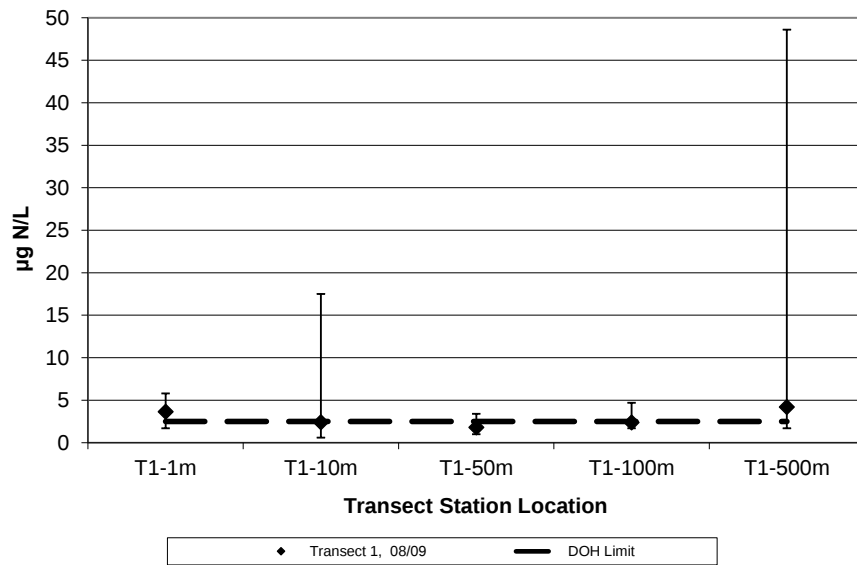


NELHA Water Quality Laboratory

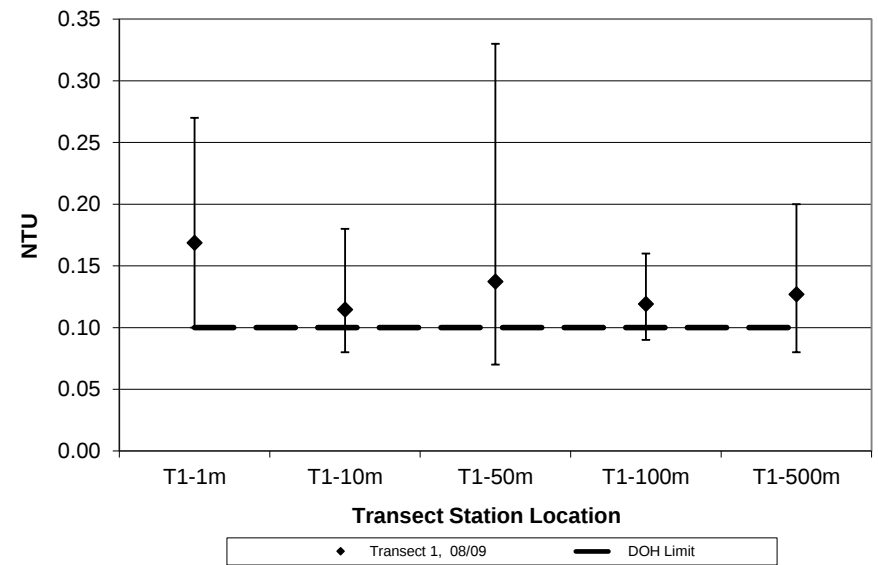
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July 2008 - June 2009

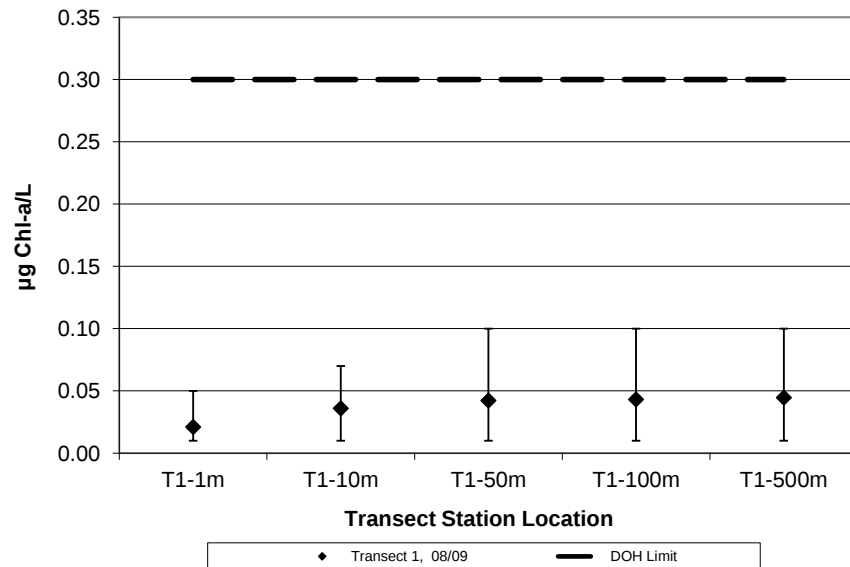
Transect 1 Station Summary
Ammonia Geometric Mean, July 2008 - June 2009



Transect 1 Station Summary
Turbidity Geometric Mean, July 2008 - June 2009

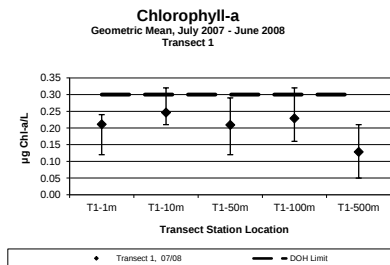
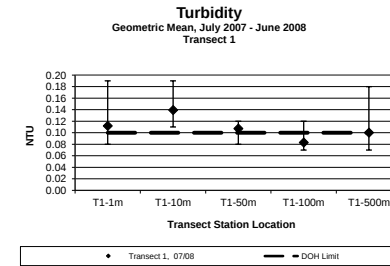
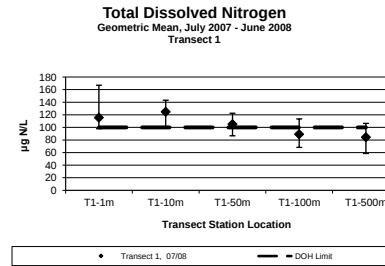
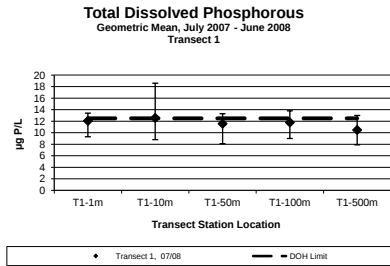
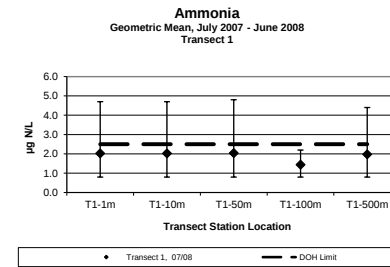
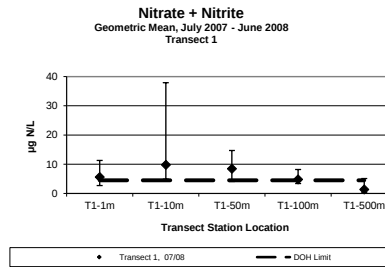
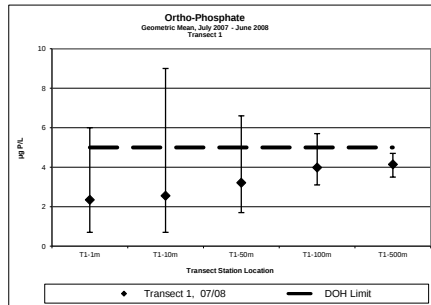


Transect 1 Station Summary
Chlorophyll-a Geometric Mean, July 2008 - June 2009



NELHA Water Quality Laboratory
FY 07/08, Transect 1

SITE ID	DATE M/D/Y	TIME (2400)	PO4 (µM) (µg P/L)		NO3+NO2 (µM) (µg N/L)		NH3 (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µg P/L)		TDN (µg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (Deg C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT			0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.3
T1-1m	09/26/07	855	0.19	6.0	0.81	11.3	0.34	4.7	9.3	260	0.43	13.4	7.0	98	0.08	34.750	26.8	8.10	6.12	0.12
T1-1m	12/13/07	1030	0.06	1.9	0.61	8.6			6.8	190	0.43	13.4	7.0	99	0.19	34.672	25.7	8.36	6.43	0.23
T1-1m	03/10/08	930	0.02	0.7	0.26	3.7	0.06	0.8	3.4	96	0.41	12.6	7.9	111	0.09	34.893	24.9	8.09	6.51	0.24
T1-1m	06/05/08	941	0.12	3.8	0.19	2.7	0.16	2.2	12.6	354	0.30	9.3	11.9	167	0.10	34.817	24.9	8.09	6.81	0.21
Geomean	07/08		0.08	2.3	0.40	5.6	0.1	2.0			0.4	12.0	8.2	115	0.11					0.21
T1-10m	9/26/07	907	0.29	9.0	2.71	37.9	0.34	4.7	22.0	619	0.60	18.6	9.5	133	0.12	33.972	26.8	8.10	6.39	0.32
T1-10m	12/13/07	1032	0.07	2.1	0.39	5.5			13.2	370	0.37	11.6	7.0	99	0.19	34.638	25.7	8.32	6.33	0.21
T1-10m	3/10/08	932	0.02	0.7	0.64	8.9	0.06	0.8	12.8	360	0.42	13.1	10.2	143	0.15	34.867	25.0	8.10	6.57	0.25
T1-10m	6/5/08	943	0.10	3.2	0.35	4.9	0.16	2.2	10.3	290	0.28	8.8	9.2	129	0.11	34.8026	25.0	8.08	6.73	0.22
Geomean	07/08		0.08	2.6	0.70	9.8	0.14	2.0			0.41	12.6	8.9	125	0.14					0.25
T1-50m	09/26/07	919	0.21	6.6	1.05	14.7	0.34	4.8	10.4	292	0.42	13.0	6.2	87	0.09	34.680	26.75	8.09	6.32	0.12
T1-50m	12/13/07	1036	0.11	3.4	0.67	9.4			5.8	162	0.41	12.7	7.1	99	0.12	34.503	25.71	8.31	6.28	0.25
T1-50m	03/10/08	938	0.05	1.7	0.64	9.0	0.06	0.8	5.2	147	0.43	13.3	8.7	123	0.10	34.787	24.97	8.10	6.50	0.20
T1-50m	06/05/08	945	0.09	2.8	0.29	4.1	0.16	2.2	18.6	522	0.26	8.1	8.2	116	0.08	34.8034	24.99	8.08	6.78	0.29
Geomean	07/08		0.10	3.2	0.60	8.5	0.15	2.0			0.37	11.5	7.5	105	0.11					0.21
T1-100m	9/26/07	928	0.18	5.7	0.35	4.9	0.12	1.7	4.1	114	0.45	13.8	4.9	68	0.07	34.920	26.8	8.14	6.33	0.16
T1-100m	12/13/07	1039	0.10	3.1	0.27	3.8			15.0	422	0.36	11.2	5.2	73	0.12	34.490	25.68	8.30	6.15	0.27
T1-100m	3/10/08	940	0.14	4.3	0.59	8.2	0.06	0.8	5.6	159	0.45	13.8	8.1	113	0.07	34.841	24.94	8.12	6.59	0.32
T1-100m	6/5/08	949	0.11	3.3	0.24	3.4	0.16	2.2	17.7	497	0.29	9.0	8.0	111	0.08	34.814	25.02	8.08	6.72	0.20
Geomean	07/08		0.13	4.0	0.34	4.8	0.10	1.4			0.38	11.8	6.4	89	0.08					0.23
T1-500m	9/26/07	832	0.11	3.5	0.06	0.9	0.31	4.4	5.0	141	0.32	9.9	4.18	59	0.07	34.992	26.8	8.11	6.20	0.05
T1-500m	12/13/07	1044	0.15	4.7	0.03	0.4			5.6	157	0.42	13.0	6.33	89	0.18	34.720	25.7	8.28	6.20	0.20
T1-500m	3/10/08	946	0.15	4.7	0.36	5.1	0.06	0.8	4.5	127	0.38	11.8	7.60	106	0.10	34.888	25.0	8.20	6.53	0.21
T1-500m	6/5/08	953	0.12	3.8	0.13	1.8	0.16	2.2	16.6	466	0.26	7.9	6.55	92	0.08	34.8146	25.0	8.07	6.63	0.13
Geomean	07/08		0.13	4.1	0.10	1.3	0.14	2.0			0.34	10.5	6.0	84	0.10					0.13



SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH3 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O1-1B	27-Jul-93	1209	0.09	0.17	0.37	1.90	0.26	0.26	8.20
O1-1B	7-Dec-93	1104	0.06	0.10	0.11	1.98	0.23	0.23	5.47
O1-1B	16-Mar-94	1038	0.18	0.37	0.17	10.4	0.33	0.33	3.52
O1-1B	14-Jun-94	1029	0.12	0.05	0.01	2.10	0.29	0.29	7.33
O1-1B	15-Sep-94	1030	0.10	0.07	0.09	2.46	0.29	0.30	5.66
O1-1B	16-Nov-94	938	0.16	0.21	0.52	2.59	0.34	0.37	5.50
O1-1B	21-Mar-95	1214	0.19	0.19	0.12	6.14	0.36	0.36	5.06
O1-1B	26-Jun-95	953	0.12	0.21	0.45	2.32	0.31	0.31	5.80
O1-1B	25-Sep-95	907	0.12	0.30	0.12	4.13	0.30	0.30	5.37
O1-1B	13-Nov-95	1153	0.17	0.40	0.50	7.97	0.29	0.29	7.68
O1-1B	11-Mar-96	937	0.13	0.29	0.37	2.54	0.33	0.33	4.18
O1-1B	13-May-96	904	0.13	0.37	0.19	5.71	0.31	0.31	5.34
O1-1B	30-Jul-96	818	0.11	0.56	0.15	9.48	0.27	0.27	5.26
O1-1B	1-Oct-96	1207	0.08	0.15	0.52	2.10	0.30	0.30	3.54
O1-1B	6-Jan-97	1215	0.09	0.04	0.14	1.95	0.30	0.31	4.52
O1-1B	21-Apr-97	1206	0.10	0.60	0.32	5.25	0.35	0.35	5.01
O1-1B	18-Aug-97	1143	0.09	0.06	0.21	3.84	0.32	0.34	4.10
O1-1B	6-Oct-97	1203	0.10	0.13	0.36	3.73	0.37	0.38	4.48
O1-1B	3-Mar-98	1205	0.10	0.29	0.24	3.47	0.32	0.38	4.93
O1-1B	4-May-98	1118	0.10	0.29	0.11	2.95	0.38	0.39	4.64
O1-1B	6-Jul-98	1220	0.10	0.13	0.09	3.28	0.35	0.35	5.96
O1-1B	5-Oct-98	1149	0.11	0.18	0.16	2.41	0.34	0.39	6.35
O1-1B	13-Jan-99	1157	0.08	0.18	0.14	2.96	0.35	0.35	5.38
O1-1B	12-Apr-99	927	0.13	0.29	0.11	6.90	0.38	0.38	4.45
O1-1B	6-Jul-99	930	0.11	0.29	0.13	2.42	0.36	0.36	4.93
O1-1B	4-Oct-99	1021	0.14	0.31	0.13	6.43	0.36	0.38	5.13
O1-1B	4-Jan-00	1213	0.10	0.41	0.37	8.24	0.31	0.31	5.86
O1-1B	17-Apr-00	1004	0.14	0.14	0.06	2.74	0.34	0.33	6.28
O1-1B	24-Jul-00	1234	0.11	0.08	0.06	3.82	0.33	0.32	5.27
O1-1B	30-Oct-00	1256	0.14	0.17	0.30	14.9	0.36	0.37	5.25
O1-1B	26-Feb-01	1233	0.18	0.69	0.17	10.8	0.37	0.36	6.17
O1-1B	7-May-01	1019	0.12	0.25	0.33	3.48	0.37	0.36	4.97
O1-1B	21-Aug-01	1201	0.15	0.34	0.03	3.84	0.37	0.37	5.73
O1-1B	8-Oct-01	950	0.12	0.20	0.03	3.23	0.34	0.33	5.15
O1-1B	5-Mar-02	1108	0.14	0.45	0.08	3.57	0.37	0.37	5.51
O1-1B	17-Apr-02	1126	0.10	0.13	0.29	3.87	0.39	0.38	6.34
O1-1B	8-Jul-02	1020	0.16	0.03	0.16	3.34	0.41	0.42	5.37
O1-1B	9-Oct-02	1109	1.05	0.32	0.72	3.49	1.51	1.56	16.1
O1-1B	11-Mar-03	958	0.12	0.64	0.03	4.59	0.36	0.34	6.28
O1-1B	22-Apr-03	1100	0.07	0.11	0.07	2.05	0.29	0.31	5.39
O1-1B	18-Aug-03	1250	0.06	0.08	0.30	3.77	0.36	0.33	5.89
O1-1B	29-Oct-03	1038	0.09	<0.01	0.18	2.41	0.36	0.36	4.51
O1-1B	11-Mar-04	950	0.15	0.30	0.16	2.57	0.38	0.39	6.12
O1-1B	20-May-04	930	0.12	0.13	0.18	2.94	0.35	0.35	5.55
O1-1B	20-Sep-04	935	0.09	0.04	0.23	1.76	0.33	0.35	5.22
O1-1B	17-Nov-04	906	0.11	0.21	0.22	3.14	0.35	0.38	6.54
O1-1B	13-Jan-05	1030	0.08	0.32	0.09	3.34	0.29	0.29	5.32
O1-1B	11-Apr-05	1026	0.18	0.89	0.31	6.09	0.39	0.40	5.57
O1-1B	20-Jul-05	1012	0.05	<0.01	0.12	1.75	0.30	0.29	4.49

O1-1B	11-Oct-05	900	0.05	<0.01	0.08	4.30	0.31	0.32	4.37
O1-1B	13-Mar-06	944	0.18	1.84	0.28	11.9	0.48	0.45	6.06
O1-1B	15-May-06	943	0.31	5.18	0.39	38.3	0.63	0.72	8.14
O1-1B	14-Aug-06	937	0.15	0.37	0.26	3.02	0.41	0.45	5.12
O1-1B	1-Nov-06	943	0.17	1.03	0.83	10.2	0.39	0.40	6.49
O1-1B	12-Feb-07	1005	0.16	0.45	0.37	3.90	0.37	0.36	5.10
O1-1B	9-Apr-07	938	0.12	0.15	0.30	3.95	0.35	0.38	4.45

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m	Colifor 3act/100 ml	Enterococci 3act/100 ml
1.19	0.06	34.503	26.5	8.269	7.38	0.10	no sample	no sample	
1.12	0.08	34.825	25.8	8.249	7.16	0.17	no sample	no sample	
1.16	0.11	34.428	24.7	8.247	7.36	0.06	<1	<1	
1.10	0.10	34.593	25.3	8.239	7.40	0.07	<1	<1	
1.33	0.10	34.639	27.7	8.274	7.17	0.00	<1	<1	
1.03	0.09	34.600	26.0	8.247	7.04	0.20	1	<1	
0.94	0.12	34.192	25.0	8.255	7.50	0.18	1	<1	
0.92	0.07	34.562	26.7	8.232	7.21	0.07	<1	<1	
0.93	0.13	34.476	27.0	8.254	6.83	0.08	1	<1	
1.15	0.07	34.248	27.0	8.094	6.96	0.07	<1	<1	
1.03	0.10	34.218	25.1	7.947	7.03	0.00	<1	1	
1.08	0.08	34.204	26.5	7.890	7.03	0.13	2	<1	
1.11	0.09	34.387	27.9	8.232	6.81	0.10	<1	<1	
1.00	0.10	34.715	27.9	8.222	7.13	0.04	<1	<1	
1.34	0.12	34.721	25.5	8.264	7.41	0.04	<1	<1	
1.07	0.13	34.567	26.5	8.278	7.15	0.02	<1	<1	
1.05	0.10	34.676	26.9	8.400	6.85	0.00	<1	<1	
1.01	0.11	34.701	27.4	8.461	7.14	0.08	<1	<1	
1.03	0.12	35.012	25.0	8.232	7.31	0.06	<1	<1	
0.91	0.08	35.067	23.9	8.235	7.65	0.14	<1	<1	
1.16	0.13	35.028	26.2	8.222	7.57	0.15	<1	<1	
1.13	0.14	35.089	27.3	8.231	7.96	0.06	<1	<1	
1.18	0.09	35.088	25.2	8.240	7.41	0.03	<1	<1	
1.04	0.11	34.661	24.1	8.210	7.48	0.11	<1	<1	
1.04	0.14	34.945	25.5	8.199	7.16	0.21	<1	<1	
1.06	0.09	34.919	25.9	8.256	7.18	0.15	<1	<1	
0.97	0.11	35.121	24.7	8.236	7.71	0.06	<1	<1	
1.06	0.14	34.641	24.2	8.256	7.19	0.09	<1	<1	
0.98	0.11	34.850	27.2	8.278	7.47	0.14	<1	<1	
1.10	0.11	34.931	27.1	8.244	7.30	0.14	<1	<1	
1.04	0.10	34.529	24.9	8.209	7.16	0.11	<1	<1	
1.03	0.08	34.882	24.6	8.199	7.58	0.12	<1	<1	
1.46	0.12	34.783	26.7	8.228	7.26	0.14	<1	<1	
1.01	0.07	34.942	27.1	8.210	7.15	0.18	<1	<1	
0.95	0.14	34.696	24.2	8.229	7.19	0.13	<1	<1	
1.02	0.10	34.468	25.7	8.207	7.15	0.13	<1	<1	
1.03	0.09	34.656	26.6	8.224	7.13	0.20	<1	<1	
1.34	0.10	34.956	26.9	8.260	7.32	0.12	<1	10	
1.54	0.08	34.894	24.5	8.245	7.44	0.01	<1	<1	
1.00	0.14	35.052	25.0	8.268	7.64	0.19	<1	<1	
	0.08	34.913	28.0	8.231	6.62	0.05	<1	<1	
	0.10	34.836	27.4	8.218	NO DATA	0.02	<1	<1	
	NO DATA	34.324	25.4	8.262	6.43	0.16	<1	<1	
	NO DATA	33.50	26.5	8.242	6.83	0.01	<1	<1	
	0.07	33.73	27.7	8.237	6.55	0.09	<1	<1	
	0.10	33.58	27.1	8.272	6.64	0.10	<1	<1	
	0.12	34.808	25.4	8.335	6.80	0.12	1	<1	
	0.10	34.401	25.2	8.300	7.00	0.08	<1	<1	
	0.09	no sample	26.9	8.256	7.09	0.01	<1	<1	

1.02	0.14	34.918	26.5	8.280	6.64	0.12	<1	<1
	0.13	34.540	24.5	8.272	7.06	0.07	<1	<1
1.07	0.16	33.599	25.0	8.259	6.96	1.04	<1	1
0.93	0.13	34.632	26.6	8.256	7.08	0.07	<1	<1
1.14	0.19	34.569	26.8	8.281	7.12	0.34	<1	<1
1.15	0.18	34.515	24.5	8.224	6.73	0.16	<1	<1
0.94	0.16	34.653	25.0	8.230	6.60	0.07	<1	<1

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH3 (μM)	Si (μM)	TDN (μM)	TURBIDITY (NTU)	SALINITY (o/oo)
O1-2B	27-Jul-93	1201	0.03	0.04	0.08	1.30	3.49	0.06	34.510
O1-2B	7-Dec-93	1058	0.06	0.11	0.11	1.92		0.07	34.825
O1-2B	16-Mar-94	1032	0.19	0.34	0.22	4.46		0.13	34.470
O1-2B	14-Jun-94	1021	0.11	0.04	0.01	1.59		0.09	34.588
O1-2B	15-Sep-94	1036	0.10	0.06	0.11	3.64		0.08	34.640
O1-2B	16-Nov-94	932	0.15	0.18	0.52	2.11		0.07	34.621
O1-2B	21-Mar-95	1203	0.19	0.12	0.12	3.46		0.10	34.216
O1-2B	26-Jun-95	948	0.11	0.21	0.55	8.16		0.05	34.567
O1-2B	25-Sep-95	900	0.13	0.45	0.15	5.32		0.09	34.408
O1-2B	13-Nov-95	1147	0.17	0.54	0.53	8.32		0.08	34.190
O1-2B	11-Mar-96	932	0.12	0.21	0.33	1.68		0.07	34.252
O1-2B	13-May-96	856	0.11	0.22	0.23	3.69		0.07	34.267
O1-2B	30-Jul-96	850	0.06	0.11	0.09	1.78		0.09	34.502
O1-2B	1-Oct-96	1203	0.06	0.14	0.52	1.85		0.08	34.712
O1-2B	6-Jan-97	1211	0.09	0.05	0.16	1.98		0.11	34.721
O1-2B	21-Apr-97	1200	0.10	0.45	0.25	1.94		0.11	34.560
O1-2B	18-Aug-97	1140	0.08	0.03	0.19	2.68		0.09	34.670
O1-2B	6-Oct-97	1159	0.10	0.02	0.34	4.88		0.10	34.720
O1-2B	3-Mar-98	1201	0.09	0.18	0.22	2.73		0.10	35.024
O1-2B	4-May-98	1113	0.09	0.21	0.11	2.89		0.07	35.059
O1-2B	6-Jul-98	1214	0.09	0.15	0.06	4.55		0.08	35.044
O1-2B	5-Oct-98	1144	0.09	0.11	0.14	4.52		0.08	35.097
O1-2B	13-Jan-99	1153	0.08	0.02	0.08	2.91		0.09	35.098
O1-2B	12-Apr-99	922	0.14	0.25	0.11	8.84		0.12	34.664
O1-2B	6-Jul-99	926	0.10	0.14	0.08	2.32		0.11	34.950
O1-2B	4-Oct-99	1028	0.14	0.20	0.10	3.17		0.08	34.966
O1-2B	4-Jan-00	1208	0.11	0.34	0.38	2.92		0.10	35.158
O1-2B	17-Apr-00	1000	0.14	0.06	0.04	2.14		0.06	34.664
O1-2B	24-Jul-00	1230	0.11	0.38	0.09	3.56		0.11	34.860
O1-2B	30-Oct-00	1247	0.13	0.28	0.28	5.48		0.09	34.975
O1-2B	26-Feb-01	1228	0.16	0.40	0.16	7.76		0.10	34.619
O1-2B	7-May-01	1017	0.12	0.26	0.30	6.10		0.07	34.891
O1-2B	21-Aug-01	1151	0.14	0.20	0.02	2.60		0.10	34.794
O1-2B	8-Oct-01	947	0.10	0.17	0.05	1.93		0.07	34.960
O1-2B	5-Mar-02	1101	0.13	0.22	0.05	4.33		0.17	34.738
O1-2B	17-Apr-02	1121	0.09	0.10	0.22	2.86		0.09	34.482
O1-2B	8-Jul-02	1016	0.13	0.03	0.06	3.98		0.08	34.661
O1-2B	9-Oct-02	1104	0.07	0.21	0.09	2.40		0.07	34.967
O1-2B	11-Mar-03	956	0.14	0.15	0.03	2.80		0.09	34.951
O1-2B	22-Apr-03	1056	0.08	0.02	0.07	2.17		0.07	35.050
O1-2B	18-Aug-03	1113	0.06	0.13	0.30	1.50		0.08	34.919
O1-2B	29-Oct-03	1029	0.08	0.04	0.15	2.47		0.09	34.878
O1-2B	11-Mar-04	944	0.15	0.35	0.10	2.90		NO DATA	34.288
O1-2B	20-May-04	936	0.12	0.10	0.18	3.05		NO DATA	33.69
O1-2B	20-Sep-04	931	0.08	0.06	0.23	1.67		0.08	33.76
O1-2B	17-Nov-04	902	0.10	0.28	0.13	2.34		0.10	33.67
O1-2B	13-Jan-05	1025	0.05	0.05	0.06	2.15		0.06	34.812
O1-2B	11-Apr-05	1018	0.16	0.46	0.24	3.49		0.09	34.469
O1-2B	20-Jul-05	1005	0.05	0.02	0.14	2.85		0.07	34.747

O1-2B	11-Oct-05	853	0.05	0.01	0.10	3.48	0.17	34.949
O1-2B	13-Mar-06	937	0.11	0.53	0.28	3.64	0.10	34.782
O1-2B	15-May-06	937	0.10	0.30	<0.05	2.58	0.18	34.720
O1-2B	14-Aug-06	930	0.13	0.17	0.11	1.53	0.10	34.699
O1-2B	1-Nov-06	934	0.12	0.50	0.66	6.46	0.22	34.716
O1-2B	12-Feb-07	958	0.12	0.12	0.38	2.25	0.13	34.596
O1-2B	9-Apr-07	932	0.11	0.17	0.40	2.90	0.24	34.689

TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)
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26.5			
25.8			
24.8			
25.3			
27.6			
26.0			
25.0			
26.6			
27.1			
26.9			
25.1			
26.7			
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27.9			
25.5			
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26.9			
27.4			
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23.8			
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26.9			
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25.1			
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26.5
24.8
24.9
26.4
26.7
24.5
25.4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH3 (μM)	Si (μM)	TDP (μM)	TP (μM)
O1-3B	27-Jul-93	1149	0.13	0.17	0.34	1.67		
O1-3B	7-Dec-93	1048	0.06	0.14	0.06	2.19		
O1-3B	16-Mar-94	1026	0.17	0.31	0.24	5.82		
O1-3B	14-Jun-94	1014	0.11	0.03	0.02	1.75		
O1-3B	15-Sep-94	1032	0.10	0.07	0.17	2.81		
O1-3B	16-Nov-94	929	0.15	0.19	0.52	1.95		
O1-3B	21-Mar-95	1154	0.18	0.07	0.11	2.74		
O1-3B	26-Jun-95	947	0.11	0.21	0.45	2.96		
O1-3B	25-Sep-95	850	0.15	0.24	0.15	1.79		
O1-3B	13-Nov-95	1144	0.12	0.00	0.40	2.54		
O1-3B	11-Mar-96	926	0.13	0.21	0.37	1.74		
O1-3B	13-May-96	851	0.09	0.17	0.14	2.40		
O1-3B	30-Jul-96	845	0.06	0.09	0.08	1.53		
O1-3B	1-Oct-96	1158	0.06	0.09	0.56	1.17		
O1-3B	6-Jan-97	1204	0.08	0.05	0.14	1.95		
O1-3B	21-Apr-97	COLLECTED						
O1-3B	18-Aug-97	1135	0.08	0.15	0.13	4.27		
O1-3B	6-Oct-97	1156	0.10	0.09	0.36	2.57		
O1-3B	3-Mar-98	1157	0.09	0.22	0.24	3.78		
O1-3B	4-May-98	1107	0.10	0.25	0.11	3.02		
O1-3B	6-Jul-98	1209	0.09	0.16	0.08	2.26		
O1-3B	5-Oct-98	1139	0.10	0.17	0.15	4.86		
O1-3B	13-Jan-99	1148	0.08	0.10	0.11	2.53		
O1-3B	12-Apr-99	917	0.12	0.18	0.08	3.55		
O1-3B	6-Jul-99	920	0.11	0.17	0.06	4.01		
O1-3B	4-Oct-99	1011	0.13	0.32	0.13	4.27		
O1-3B	4-Jan-00	1204	0.12	0.35	0.40	2.91		
O1-3B	17-Apr-00	955	0.13	0.11	0.02	2.45		
O1-3B	24-Jul-00	1228	0.12	0.28	0.03	3.42		
O1-3B	30-Oct-00	1240	0.13	0.26	0.70	4.10		
O1-3B	26-Feb-01	1223	0.15	0.04	0.20	24.3		
O1-3B	7-May-01	1014	0.11	0.16	0.38	2.58		
O1-3B	21-Aug-01	1142	0.14	0.11	0.02	2.09		
O1-3B	8-Oct-01	940	0.10	0.16	0.06	2.70		
O1-3B	5-Mar-02	1058	0.13	0.16	0.02	3.76		
O1-3B	17-Apr-02	1118	0.13	0.17	0.20	3.65		
O1-3B	8-Jul-02	1007	0.15	0.03	0.07	2.95		
O1-3B	9-Oct-02	1100	0.05	0.15	0.06	3.38		
O1-3B	11-Mar-03	949	0.12	<0.03	0.04	3.78		
O1-3B	22-Apr-03	1054	0.07	<0.03	0.08	2.08		
O1-3B	18-Aug-03	1110	0.05	0.08	0.30	2.38		
O1-3B	29-Oct-03	1020	0.06	0.03	0.10	1.91		
O1-3B	11-Mar-04	938	0.13	0.06	0.08	1.70		
O1-3B	20-May-04	943	0.11	0.05	0.19	2.01		
O1-3B	20-Sep-04	923	0.07	0.05	0.17	1.50		
O1-3B	17-Nov-04	856	0.10	0.17	0.13	2.54		
O1-3B	13-Jan-05	1020	0.05	0.02	0.06	1.93		
O1-3B	11-Apr-05	1009	0.18	0.19	1.92	1.92		
O1-3B	20-Jul-05	958	0.05	0.02	0.19	1.61		

O1-3B	11-Oct-05	846	0.05	0.03	0.10	1.96
O1-3B	13-Mar-06	930	0.13	0.05	0.25	2.52
O1-3B	15-May-06	931	0.11	0.44	0.11	3.87
O1-3B	14-Aug-06	924	0.10	<0.07	0.09	1.22
O1-3B	1-Nov-06	928	0.09	0.15	0.44	2.70
O1-3B	12-Feb-07	950	0.13	0.11	0.34	2.13
O1-3B	9-Apr-07	925	0.12	0.18	0.31	3.81

TDN (µM)	TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal Bact/100 m	Colifor Bact/100 m	Enterococci Bact/100 m
		0.09	34.515	26.5						
		0.07	34.826	25.7						
		0.13	34.492	24.7						
		0.07	34.589	25.3						
		0.08	34.624	27.6						
		0.08	34.627	26.0						
		0.11	34.233	25.0						
		0.07	34.536	26.6						
		0.10	34.496	27.1						
		0.06	34.365	27.0						
		0.08	34.263	25.1						
		0.09	34.291	26.6						
		0.09	34.511	27.9						
		0.08	34.553	27.9						
		0.12	34.723	25.6						
		NO SAMPLE COLLECTED		24.3						
		0.08	34.611	27.0						
		0.08	34.718	27.4						
		0.14	35.042	25.0						
		0.11	35.058	23.9						
		0.11	35.049	26.1						
		0.08	35.096	27.3						
		0.09	35.106	25.1						
		0.08	34.687	24.0						
		0.11	34.954	25.6						
		0.08	34.937	25.9						
		0.09	35.167	24.5						
		0.09	34.660	24.2						
		0.11	34.873	27.1						
		0.11	34.976	27.0						
		0.10	34.684	24.9						
		0.10	34.927	24.5						
		0.16	34.817	26.7						
		0.08	34.955	27.1						
		0.08	34.699	24.3						
		0.13	34.481	25.7						
		0.07	34.665	26.5						
		0.07	34.958	26.9						
		0.08	34.976	24.5						
		0.11	35.059	24.9						
		0.05	34.927	26.8						
		0.10	34.910	27.5						
		NO DATA	34.347	25.5						
		NO DATA	33.53	26.5						
		0.06	33.74	27.6						
		0.10	33.69	26.9						
		0.07	34.793	25.5						
		0.07	34.512	25.1						
		0.11	34.874	26.9						

0.12	34.924	26.5
0.12	34.829	24.6
0.15	34.751	25.3
0.14	34.594	26.5
0.19	34.816	26.8
0.32	34.592	24.5
0.17	34.662	25.4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH3 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O1-4B	27-Jul-93	1136	0.04	0.08	0.22	2.31			
O1-4B	7-Dec-93	1041	0.06	0.10	0.18	3.32			
O1-4B	16-Mar-94	1020	0.17	0.28	0.18	3.91			
O1-4B	14-Jun-94	1008	0.11	0.12	0.03	1.93			
O1-4B	15-Sep-94	1027	0.08	0.02	0.09	3.59			
O1-4B	16-Nov-94	927	0.15	0.21	0.52	2.26			
O1-4B	21-Mar-95	1149	0.18	0.12	0.18	2.53			
O1-4B	26-Jun-95	940	0.11	0.16	0.45	1.98			
O1-4B	25-Sep-95	844	0.15	1.15	0.29	14.1			
O1-4B	13-Nov-95	1140	0.14	0.03	0.40	1.80			
O1-4B	11-Mar-96	921	0.13	0.28	0.33	2.11			
O1-4B	13-May-96	844	0.11	0.17	0.26	2.77			
O1-4B	30-Jul-96	840	0.06	0.03	0.08	5.07			
O1-4B	1-Oct-96	1152	0.08	0.13	0.58	1.75			
O1-4B	6-Jan-97	1159	0.09	0.11	0.12	2.05			
O1-4B	21-Apr-97	1146	0.10	0.50	0.23	1.78			
O1-4B	18-Aug-97	1130	0.08	0.05	0.14	3.51			
O1-4B	6-Oct-97	1151	0.09	0.05	0.34	3.12			
O1-4B	3-Mar-98	1152	0.09	0.19	0.19	2.45			
O1-4B	4-May-98	1103	0.13	0.63	0.16	5.97			
O1-4B	6-Jul-98	1204	0.10	0.10	0.02	2.41			
O1-4B	5-Oct-98	1134	0.09	0.12	0.11	1.77			
O1-4B	13-Jan-99	1143	0.08	0.22	0.11	3.20			
O1-4B	12-Apr-99	912	0.15	0.19	0.11	4.70			
O1-4B	6-Jul-99	915	0.19	0.16	0.08	2.67			
O1-4B	4-Oct-99	1005	0.16	0.27	0.13	4.36			
O1-4B	4-Jan-00	1159	0.09	0.25	0.38	2.53			
O1-4B	17-Apr-00	951	0.13	0.14	0.02	2.00			
O1-4B	24-Jul-00	1220	0.11	0.35	0.02	2.81			
O1-4B	30-Oct-00	1234	0.13	0.21	0.32	4.12			
O1-4B	26-Feb-01	1218	0.15	0.02	0.19	6.35			
O1-4B	7-May-01	1008	0.11	0.13	0.25	4.21			
O1-4B	21-Aug-01	1143	0.13	0.07	0.02	2.87			
O1-4B	8-Oct-01	936	0.11	0.13	0.09	2.14			
O1-4B	5-Mar-02	1052	0.12	0.09	0.04	3.36			
O1-4B	17-Apr-02	1112	0.14	0.34	0.20	2.92			
O1-4B	8-Jul-02	1002	0.14	0.06	0.12	2.94			
O1-4B	9-Oct-02	1055	0.05	0.11	0.06	2.70			
O1-4B	11-Mar-03	941	0.12	0.18	<0.03	2.38			
O1-4B	22-Apr-03	1049	0.17	0.20	0.07	2.42			
O1-4B	18-Aug-03	1050	0.02	0.06	0.30	3.40			
O1-4B	29-Oct-03	1012	0.05	0.01	0.18	1.77			
O1-4B	11-Mar-04	931	0.13	0.02	0.05	1.65			
O1-4B	20-May-04	948	0.13	0.05	0.19	2.41			
O1-4B	20-Sep-04	919	0.08	0.04	0.25	1.49			
O1-4B	17-Nov-04	851	0.09	0.10	0.13	1.90			
O1-4B	13-Jan-05	1014	0.07	0.50	0.06	4.67			
O1-4B	11-Apr-05	1003	0.12	0.09	0.17	1.47			
O1-4B	20-Jul-05	950	0.09	0.65	0.16	6.35			

O1-4B	11-Oct-05	840	0.05	0.06	0.18	4.15
O1-4B	13-Mar-06	924	0.09	0.02	0.19	1.89
O1-4B	15-May-06	927	0.11	0.33	<0.05	3.27
O1-4B	14-Aug-06	916	0.10	0.09	0.12	1.27
O1-4B	1-Nov-06	920	0.09	0.30	0.40	3.63
O1-4B	12-Feb-07	943	0.12	0.11	0.42	1.95
O1-4B	9-Apr-07	919	0.12	0.07	0.20	2.73

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m	Colifor 3act/100 ml	Enterococci 3act/100 ml
	0.06	34.524	26.5						
	0.08	34.824	25.8						
	0.09	34.491	24.7						
	0.09	34.590	25.3						
	0.08	34.648	27.6						
	0.07	34.623	26.0						
	0.09	34.233	25.0						
	0.06	34.564	26.6						
	0.14	34.134	27.0						
	0.06	34.372	27.1						
	0.06	31.260	25.1						
	0.06	34.293	26.6						
	0.07	34.543	27.9						
	0.09	34.720	27.8						
	0.07	34.700	25.6						
	0.14	34.564	26.4						
	0.09	34.671	27.0						
	0.10	34.725	27.3						
	0.07	35.042	24.9						
	0.08	34.965	23.9						
	0.09	35.056	26.1						
	0.11	35.101	27.3						
	0.10	35.083	25.1						
	0.14	34.644	24.1						
	0.18	34.948	25.5						
	0.08	34.942	25.9						
	0.16	35.193	24.4						
	0.06	34.675	24.2						
	0.07	34.879	27.1						
	0.10	34.993	27.0						
	0.11	34.668	24.9						
	0.13	34.933	24.5						
	0.09	34.821	26.5						
	0.18	34.963	27.1						
	0.05	34.737	24.2						
	0.09	34.484	25.6						
	0.14	34.670	26.5						
	0.09	34.965	26.9						
	0.09	34.994	24.4						
	0.09	35.048	24.9						
	0.03	34.915	27.7						
	0.08	34.839	27.4						
	NO DATA	34.363	25.5						
	NO DATA	33.45	26.6						
	0.11	33.72	27.7						
	0.13	33.63	27.0						
	0.08	34.761	25.5						
	0.09	34.515	25.1						
	0.11	34.570	27.1						

0.11	34.915	26.5
0.11	34.832	24.8
0.19	34.724	24.5
0.12	34.702	26.4
0.09	34.810	26.9
0.32	34.580	24.6
0.13	34.687	25.2

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μ M)	NO3 (μ M)	NH3 (μ M)	Si (μ M)	TDP (μ M)	TP (μ M)	TDN (μ M)
O1-5B	27-Jul-93	1125	0.04	0.01	0.18	3.87			
O1-5B	7-Dec-93	1031	0.06	0.06	0.11	7.28			
O1-5B	16-Mar-94	1012	0.17	0.31	0.18	3.14			
O1-5B	14-Jun-94	1001	0.10	0.05	0.02	1.81			
O1-5B	15-Sep-94	1020	0.08	0.01	0.12	3.04			
O1-5B	16-Nov-94	923	0.16	0.17	0.52	1.83			
O1-5B	21-Mar-95	1142	0.19	0.15	0.18	3.21			
O1-5B	26-Jun-95	940	0.13	0.44	0.45	4.98			
O1-5B	25-Sep-95	835	0.13	0.76	0.40	10.0			
O1-5B	13-Nov-95	1131	0.14	0.03	0.45	2.82			
O1-5B	11-Mar-96	914	0.13	0.19	0.37	1.58			
O1-5B	13-May-96	838	0.09	0.00	0.23	1.64			
O1-5B	30-Jul-96	830	0.08	0.10	0.11	1.31			
O1-5B	1-Oct-96	1147	0.12	0.15	0.64	2.69			
O1-5B	6-Jan-97	1153	0.09	0.08	0.20	2.08			
O1-5B	21-Apr-97	1136	0.12	0.51	0.36	1.94			
O1-5B	18-Aug-97	1125	0.10	0.13	0.17	2.33			
O1-5B	6-Oct-97	1145	0.09	0.09	0.40	6.35			
O1-5B	3-Mar-98	1145	0.10	0.20	0.26	2.39			
O1-5B	4-May-98	1056	0.12	0.24	0.21	2.93			
O1-5B	6-Jul-98	1155	0.08	0.09	0.04	3.71			
O1-5B	5-Oct-98	1127	0.09	0.16	0.11	1.84			
O1-5B	13-Jan-99	1137	0.07	0.06	0.10	2.20			
O1-5B	12-Apr-99	906	0.13	0.24	0.08	4.70			
O1-5B	6-Jul-99	910	0.08	0.11	0.06	4.02			
O1-5B	4-Oct-99	1000	0.29	0.13	0.16	3.06			
O1-5B	4-Jan-00	1154	0.10	0.55	0.37	5.86			
O1-5B	17-Apr-00	946	0.12	0.16	0.01	4.50			
O1-5B	24-Jul-00	1212	0.10	0.41	0.02	2.70			
O1-5B	30-Oct-00	1228	0.13	0.03	0.40	3.61			
O1-5B	26-Feb-01	1210	0.14	14.4	0.22	4.92			
O1-5B	7-May-01	1003	0.10	0.06	0.31	2.35			
O1-5B	21-Aug-01	1126	0.13	0.07	0.02	3.80			
O1-5B	8-Oct-01	929	0.11	0.10	0.07	2.44			
O1-5B	5-Mar-02	1046	0.12	0.40	0.04	2.42			
O1-5B	17-Apr-02	1107	0.12	0.11	0.22	2.47			
O1-5B	8-Jul-02	955	0.13	0.07	0.09	2.55			
O1-5B	9-Oct-02	1050	0.05	0.10	0.06	2.34			
O1-5B	11-Mar-03	933	0.13	0.36	0.04	2.21			
O1-5B	22-Apr-03	1044	0.06	0.03	0.09	2.04			
O1-5B	18-Aug-03	No Data	0.03	<0.01	0.28	1.88			
O1-5B	29-Oct-03	1001	0.08	<0.01	0.02	1.97			
O1-5B	11-Mar-04	924	0.14	0.01	<0.04	1.58			
O1-5B	20-May-04	954	0.12	0.02	0.18	1.80			
O1-5B	20-Sep-04	910	0.07	<0.01	0.27	1.43			
O1-5B	17-Nov-04	845	0.08	0.02	0.09	1.50			
O1-5B	13-Jan-05	1010	0.04	<0.01	0.05	1.84			
O1-5B	11-Apr-05	955	0.09	0.02	0.23	1.43			
O1-5B	20-Jul-05	940	0.06	0.09	0.23	2.46			

O1-5B	11-Oct-05	833	0.06	0.05	0.18	2.68
O1-5B	13-Mar-06	915	0.09	0.01	0.28	5.04
O1-5B	15-May-06	920	0.08	0.13	<0.05	1.75
O1-5B	14-Aug-06	911	0.10	0.14	0.12	1.24
O1-5B	1-Nov-06	916	0.08	0.18	0.40	2.45
O1-5B	12-Feb-07	937	0.12	0.15	0.35	1.39
O1-5B	9-Apr-07	909	0.17	<0.07	0.38	1.69

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m	Colifor 3act/100 ml	Enterococci 3act/100 ml
	0.10	34.524	26.5						
	0.07	34.830	25.8						
	0.11	34.537	24.7						
	0.09	34.591	25.3						
	0.07	34.650	27.6						
	0.09	34.622	26.0						
	0.08	34.236	25.0						
	0.09	34.483	26.6						
	0.13	34.305	27.0						
	0.06	34.378	27.0						
	0.07	34.025	25.0						
	0.09	34.313	27.0						
	0.11	34.516	28.2						
	0.08	34.730	27.7						
	0.16	34.730	25.6						
	0.14	34.565	26.4						
	0.08	34.672	27.1						
	0.11	34.720	27.3						
	0.08	35.050	24.8						
	0.08	35.070	23.8						
	0.10	35.069	26.0						
	0.11	35.090	27.2						
	0.10	35.120	25.0						
	0.18	34.695	24.0						
	0.13	34.948	25.5						
	0.09	34.985	25.9						
	0.16	35.085	24.4						
	0.10	34.665	24.2						
	0.07	34.905	26.9						
	0.13	34.976	27.0						
	0.11	34.711	24.9						
	0.07	34.927	24.4						
	0.12	34.818	26.7						
	0.09	34.962	27.1						
	0.13	34.738	24.2						
	0.09	34.490	25.6						
	0.08	34.719	26.3						
	0.15	34.980	26.9						
	0.21	35.043	24.3						
	0.09	35.074	24.8						
	0.02	34.901	No Data						
	0.08	34.837	27.3						
	NO DATA	34.374	25.5						
	NO DATA	33.50	26.6						
	0.10	33.78	No Data						
	0.09	33.67	27.0						
	0.09	34.858	25.5						
	0.09	34.504	25.0						
	0.08	34.703	27.0						

0.08	34.927	26.7
0.13	34.836	24.8
0.12	34.759	24.4
0.17	34.695	26.5
0.14	34.839	26.7
0.29	34.584	24.5
0.17	34.733	25.1