

NELHA Water Quality Laboratory

Transect 6

July 2024 - June 2025

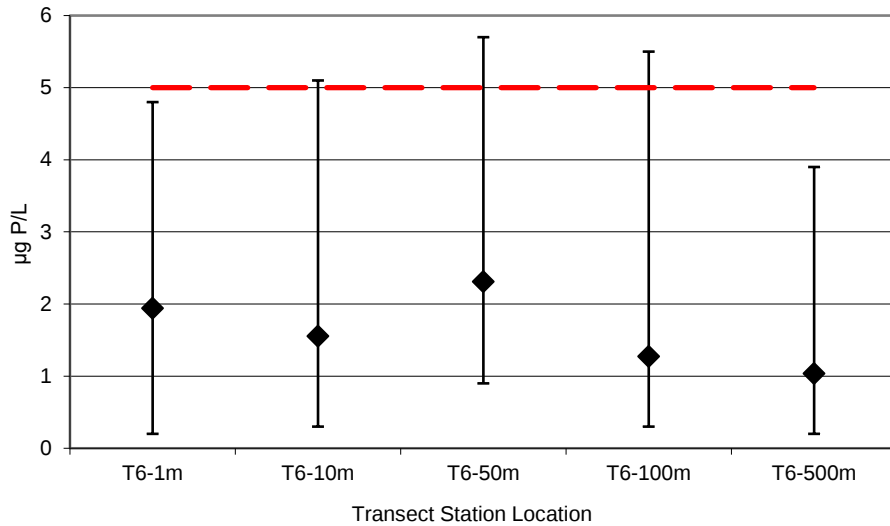
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T6-1m	8/8/24	1013	0.5	Ebb	0.13	4.0	1.03	14.4	0.30	4.2	5.5	154	0.25	7.6	5.4	76	0.16	34.56	26.8	8.10	6.82	0.19	214.9
T6-1m	12/18/24	1223	0.5	Low	0.15	4.8	0.81	11.3	0.29	4.0	4.7	133	0.28	8.8	5.3	75	0.13	34.66	25.8	8.15	6.95	0.18	261.4
T6-1m	3/6/25	1045	0.1	Low	0.12	3.7	3.83	53.7	0.11	1.5	13.5	380	0.19	6.0	9.1	128	0.09	34.53	25.1	8.12	7.05	0.25	247.8
T6-1m	6/19/25	1352	1.1	Ebb	0.01	0.2	0.49	6.9	0.31	4.4	2.3	65	0.17	5.2	5.9	82	0.15	34.80	26.7	8.20	7.41	0.23	213.3
Geomear	FY '25				0.06	1.9	1.12	15.7	0.2	3.2			0.2	6.8	6.3	88	0.13					0.21	
T6-10m	8/8/24	1017	0.5	Ebb	0.15	4.8	1.44	20.1	0.13	1.8	7.3	204	0.28	8.7	6.1	86	0.14	34.54	26.8	8.10	6.81	0.18	218.0
T6-10m	12/18/24	1229	0.5	Low	0.16	5.1	0.87	12.2	0.29	4.1	4.8	135	0.30	9.2	6.1	85	0.13	34.64	25.9	8.15	6.91	0.16	264.3
T6-10m	3/6/25	1050	0.1	Low	0.03	0.8	0.74	10.3	0.01	0.1	3.2	91	0.18	5.7	6.5	91	0.10	34.92	25.4	8.13	6.96	0.25	253.1
T6-10m	6/19/25	1356	1.1	Ebb	0.01	0.3	0.51	7.2	0.24	3.4	2.5	70	0.17	5.4	6.1	86	0.13	34.76	26.7	8.21	7.48	0.24	214.2
Geomear	FY '25				0.05	1.6	0.83	11.6	0.1	1.3			0.2	7.0	6.2	87	0.12					0.20	
T6-50m	8/8/24	1024	0.5	Ebb	0.14	4.3	0.73	10.2	0.03	0.4	5.4	153	0.27	8.3	5.8	81	0.20	34.52	26.9	8.11	6.74	0.22	220.8
T6-50m	12/18/24	1234	0.5	Low	0.18	5.7	1.02	14.3	0.34	4.8	6.5	184	0.29	9.1	6.0	84	0.11	34.67	26.0	8.16	7.03	0.17	263.2
T6-50m	3/6/25	1055	0.1	Low	0.03	0.9	1.13	15.8	0.20	2.8	6.3	177	0.18	5.5	7.1	99	0.12	34.77	25.3	8.13	7.06	0.26	256.1
T6-50m	6/19/25	1402	1.1	Ebb	0.04	1.3	0.59	8.2	0.30	4.2	2.9	83	0.21	6.5	8.5	118	0.10	34.78	26.7	8.20	7.30	0.23	214.4
Geomear	FY '25				0.07	2.3	0.84	11.7	0.2	2.2			0.2	7.2	6.7	95	0.13					0.22	
T6-100m	8/8/24	1030	0.5	Ebb	0.10	3.2	0.21	3.0	0.09	1.2	2.1	58	0.24	7.3	5.2	73	0.10	34.54	27.0	8.11	6.74	0.21	220.7
T6-100m	12/18/24	1239	0.5	Low	0.18	5.5	1.12	15.7	0.23	3.2	7.1	199	0.29	8.9	6.1	85	0.13	34.68	25.9	8.16	7.00	0.22	263.1
T6-100m	3/6/25	1101	0.1	Low	0.02	0.5	0.66	9.3	0.13	1.8	3.9	110	0.16	5.0	6.7	93	0.09	34.93	25.6	8.12	6.86	0.23	252.5
T6-100m	6/19/25	1408	1.1	Ebb	0.01	0.3	0.11	1.6	0.16	2.3	0.3	8	0.19	5.9	6.4	90	0.10	34.87	26.6	8.17	6.89	0.21	215.0
Geomear	FY '25				0.04	1.3	0.37	5.1	0.1	2.0			0.2	6.6	6.1	85	0.10					0.22	
T6-500m	8/8/24	1038	0.5	Ebb	0.10	3.0	0.01	0.1	0.04	0.5	1.4	39	0.27	8.3	5.1	72	0.09	34.75	27.5	8.11	6.67	0.20	221.3
T6-500m	12/18/24	1247	0.5	Low	0.13	3.9	0.01	0.1	0.19	2.6	0.4	11	0.26	8	5.6	79	0.07	34.88	26.0	8.15	6.71	0.09	266.0
T6-500m	3/6/25	1110	0.1	Low	0.01	0.2	0.05	0.7	0.03	0.4	0.0	-1	0.16	5.1	5.9	83	0.08	35.01	25.6	8.12	6.84	0.22	250.7
T6-500m	6/19/25	1415	1.1	Ebb	0.02	0.5	0.04	0.5	0.06	0.9	-0.1	-3	0.18	5.7	5.4	75	0.08	34.89	27.0	8.16	6.73	0.15	213.7
Geomear	FY '25				0.03	1.0	0.02	0.2	0.1	0.8			0.2	6.6	5.5	77	0.08					0.16	

NELHA Water Quality Laboratory

Transect 6

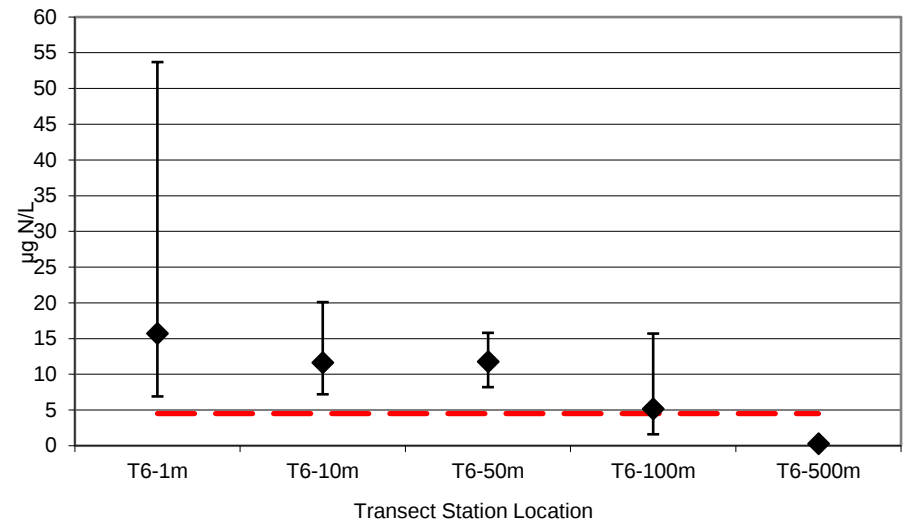
July 2024 - June 2025

**Ortho-Phosphate
Geometric Mean**



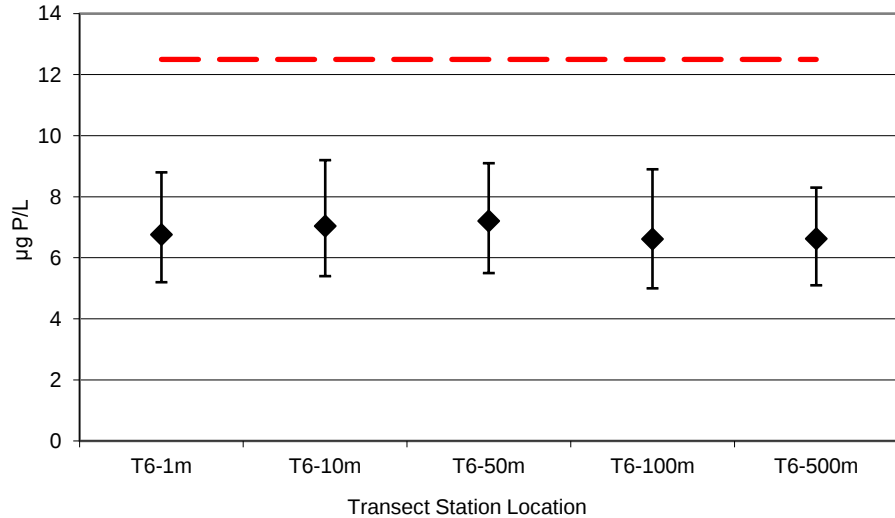
◆ Transect 6, July 2023 - June 2024

**Nitrate + Nitrite
Geometric Mean**



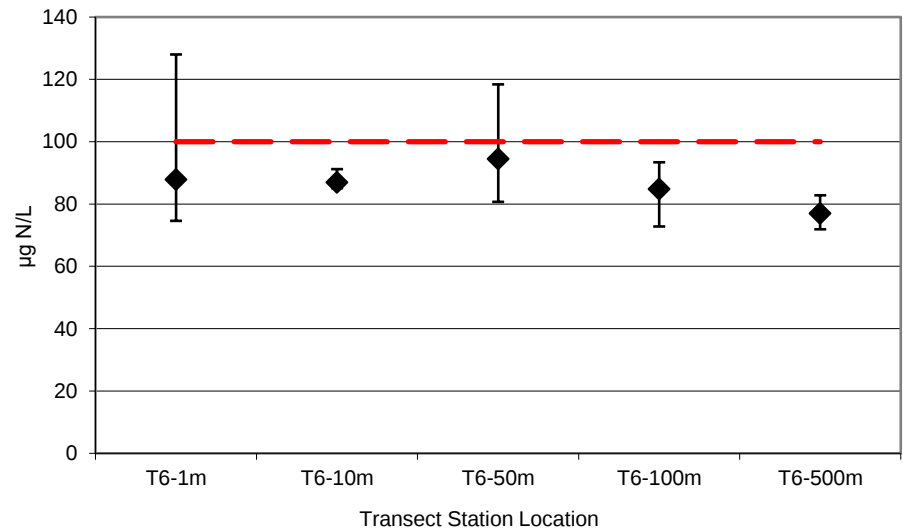
◆ Transect 6, July 2023 - June 2024

**Total Dissolved Phosphorous
Geometric Mean**



◆ Transect 6, July 2023 - June 2024

**Total Dissolved Nitrogen
Geometric Mean**



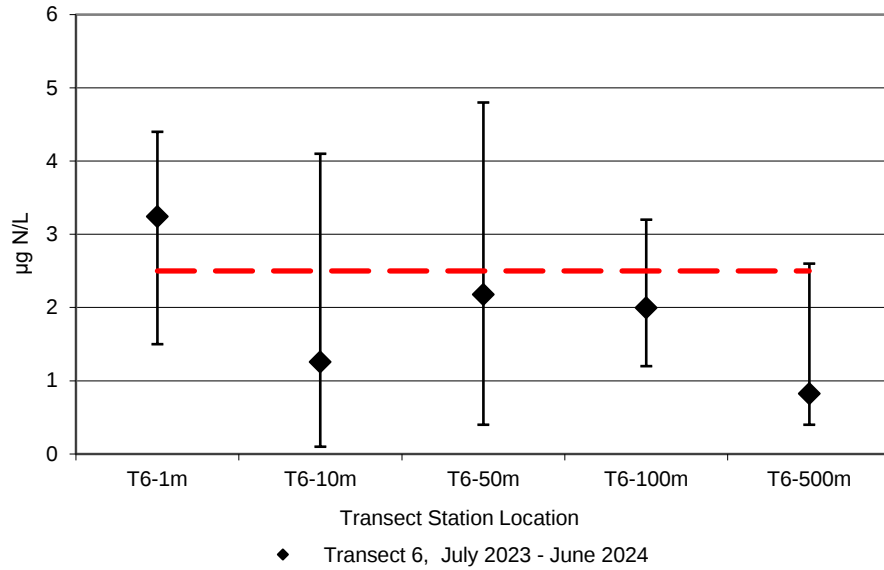
◆ Transect 6, July 2023 - June 2024

NELHA Water Quality Laboratory

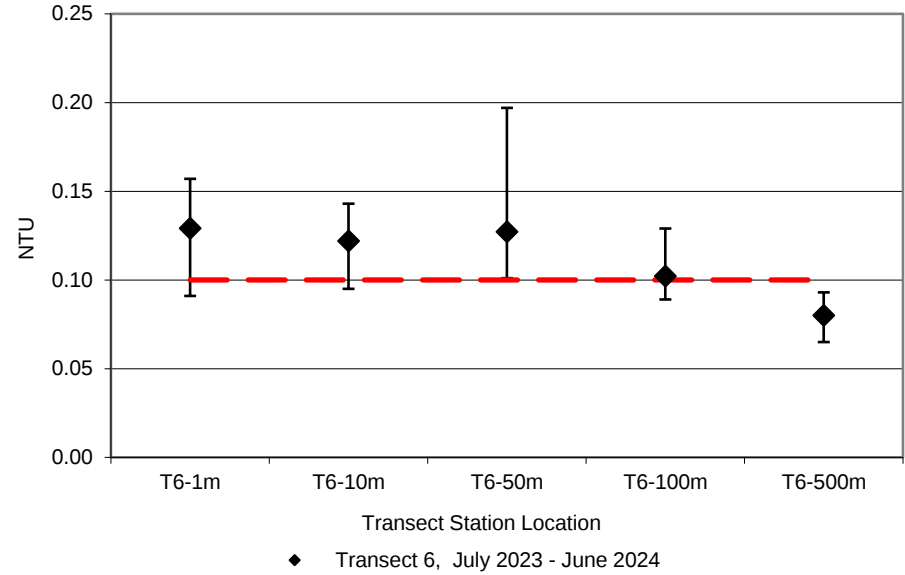
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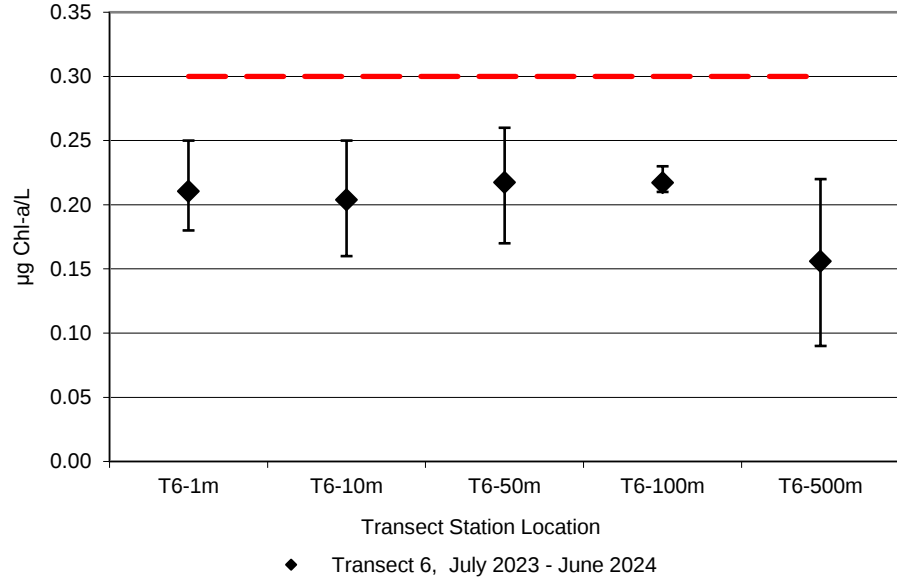
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 6

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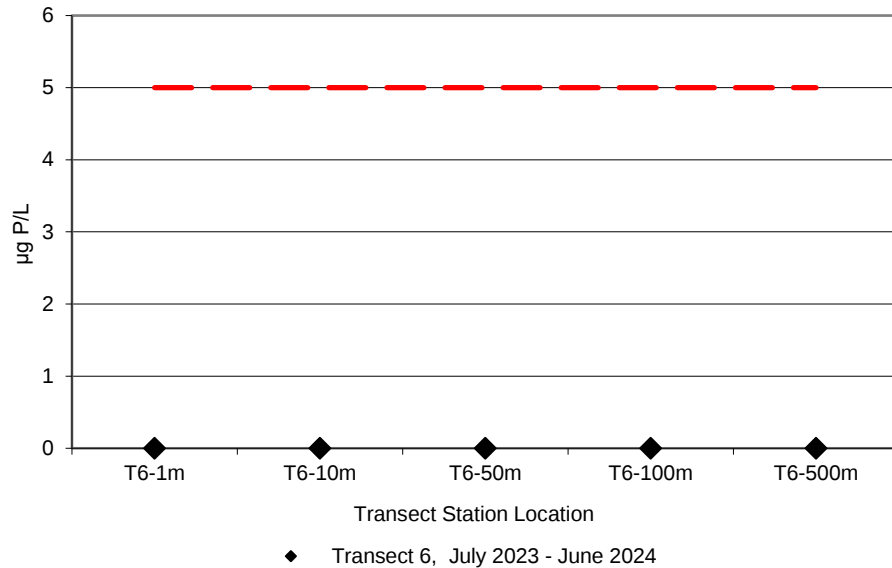
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T6-1m	9/14/23	1020	0.3	Low	0.21	6.5	3.63	50.9	0.29	4.0	16.5	463	0.36	11.2	9.1	128	0.14	34.26	26.4	8.09	6.87	0.21	232.4
T6-1m	12/8/23	1051	1.3	High	0.08	2.6	0.46	6.5	0.64	9.0	1.6	45	0.37	11.4	5.2	73	0.14	34.88	26.2	8.11	6.82	0.17	193.1
T6-1m	2/22/24	858	0.2	Low	-0.02	-0.6	2.46	34.4	0.30	4.2	8.7	245	0.09	2.8	7.7	109	0.13	34.75	24.8	8.07	6.66	0.21	208.9
T6-1m	6/19/24	1125	1.0	Flood	0.15	4.5	0.66	9.2	0.30	4.2	4.5	127	0.29	9.0	5.2	72	0.21	34.73	26.6	8.05	7.26	0.15	232.9
Geomear FY '24					#NUM!	#NUM!	1.28	18.0	0.4	5.0			0.2	7.5	6.6	92	0.15					0.18	
T6-10m	9/14/23	1025	0.3	Low	0.20	6.1	3.42	47.9	0.25	3.5	13.3	373	0.30	9.2	9.0	126	0.19	34.39	26.6	8.09	6.83	0.22	237.8
T6-10m	12/8/23	1057	1.3	High	0.16	4.9	0.48	6.7	0.42	5.9	1.9	53	0.35	10.8	5.2	72	0.14	34.92	26.3	8.10	6.67	0.16	193.3
T6-10m	2/22/24	902	0.2	Low	-0.04	-1.3	1.04	14.6	0.19	2.7	5.8	164	0.13	3.9	6.1	85	0.14	34.87	24.9	8.08	6.64	0.20	205.7
T6-10m	6/19/24	1132	1.0	Flood	0.17	5.4	0.89	12.5	0.48	6.7	6.7	190	0.30	9.3	6.7	94	0.16	34.68	26.6	8.06	7.35	0.16	242.0
Geomear FY '24					#NUM!	#NUM!	1.11	15.6	0.3	4.4			0.3	7.7	6.6	92	0.16					0.18	
T6-50m	9/14/23	1030	0.3	Low	0.12	3.6	1.51	21.2	0.24	3.4	8.1	228	0.41	12.7	9.7	136	0.17	34.68	26.8	8.09	6.85	0.24	238.6
T6-50m	12/8/23	1105	1.3	High	0.14	4.3	0.44	6.2	0.45	6.3	1.8	50	0.33	10.1	5.6	78	0.13	34.97	26.3	8.11	6.77	0.15	193.7
T6-50m	2/22/24	907	0.2	Low	-0.05	-1.5	1.16	16.3	0.26	3.7	4.5	127	0.08	2.5	6.6	92	0.15	35.03	25.0	8.09	6.60	0.19	204.1
T6-50m	6/19/24	1140	1.0	Flood	0.18	5.6	0.73	10.2	0.45	6.3	5.2	146	0.33	10.1	6.8	96	0.14	34.61	26.7	8.08	7.57	0.16	245.0
Geomear FY '24					#NUM!	#NUM!	0.87	12.2	0.3	4.7			0.2	7.5	7.0	99	0.15					0.18	
T6-100m	9/14/23	1035	0.3	Low	0.18	5.5	3.50	49.0	0.50	7.0	18.5	519	0.33	10.2	10.7	149	0.17	34.16	26.8	8.10	6.95	0.20	239.4
T6-100m	12/8/23	1113	1.3	High	0.14	4.4	0.36	5.1	0.35	4.9	1.6	44	0.41	12.8	5.8	81	0.13	34.92	26.3	8.11	6.77	0.16	194.0
T6-100m	2/22/24	914	0.2	Low	-0.06	-2.0	0.60	8.4	0.31	4.4	4.1	115	0.06	1.9	6.0	84	0.14	34.99	24.9	8.09	6.68	0.20	203.5
T6-100m	6/19/24	1148	1.0	Flood	0.17	5.2	1.30	18.2	0.46	6.4	8.2	231	0.33	10.1	7.1	100	0.20	34.64	26.7	8.08	7.52	0.20	242.4
Geomear FY '24					#NUM!	#NUM!	1.00	14.0	0.4	5.6			0.2	7.1	7.2	100	0.16					0.19	
T6-500m	9/14/23	1043	0.3	Low	0.11	3.4	0.16	2.2	0.16	2.2	0.8	21	0.25	7.7	5.5	77	0.14	34.82	27.0	8.09	6.65	0.22	240.4
T6-500m	12/8/23	1124	1.3	High	0.17	5.4	0.34	4.7	0.34	4.7	2.6	73	0.36	11.3	5.5	77	0.14	34.90	26.4	8.08	6.52	0.19	194.9
T6-500m	2/22/24	924	0.2	Low	-0.02	-0.7	0.20	2.8	0.40	5.6	-0.5	-13	0.05	1.7	5.7	80	0.13	35.08	25.0	8.12	6.80	0.22	201.8
T6-500m	6/19/24	1156	1.0	Flood	0.15	4.7	0.20	2.8	0.22	3.1	2.1	58	0.28	8.6	5.9	82	0.12	34.85	26.5	8.03	6.73	0.13	244.7
Geomear FY '24					#NUM!	#NUM!	0.21	3.0	0.3	3.7			0.2	6.0	5.6	79	0.13					0.19	

NELHA Water Quality Laboratory

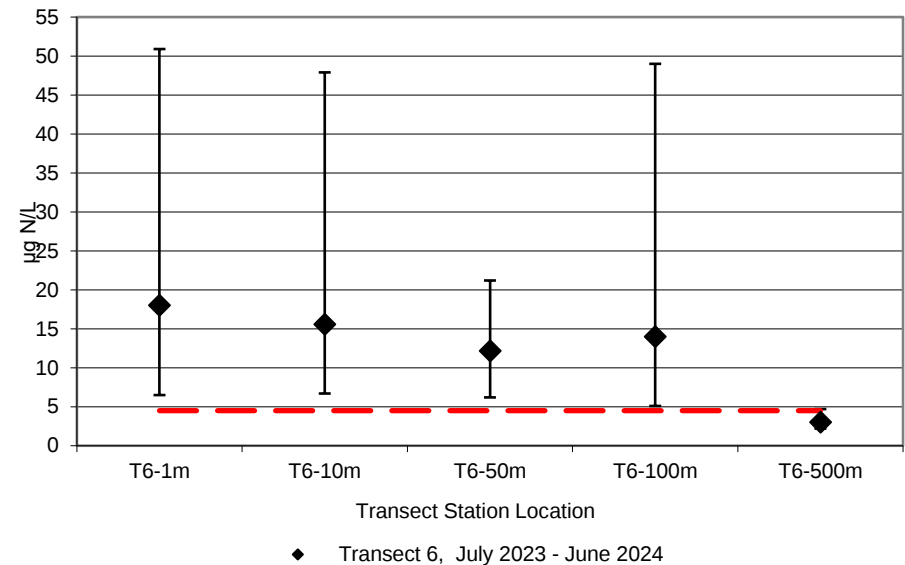
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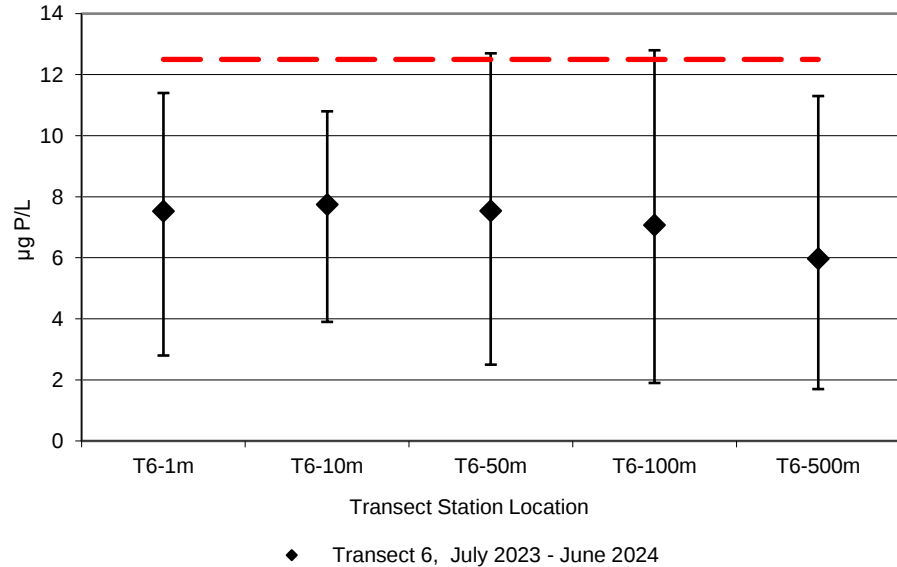
**Ortho-Phosphate
Geometric Mean**



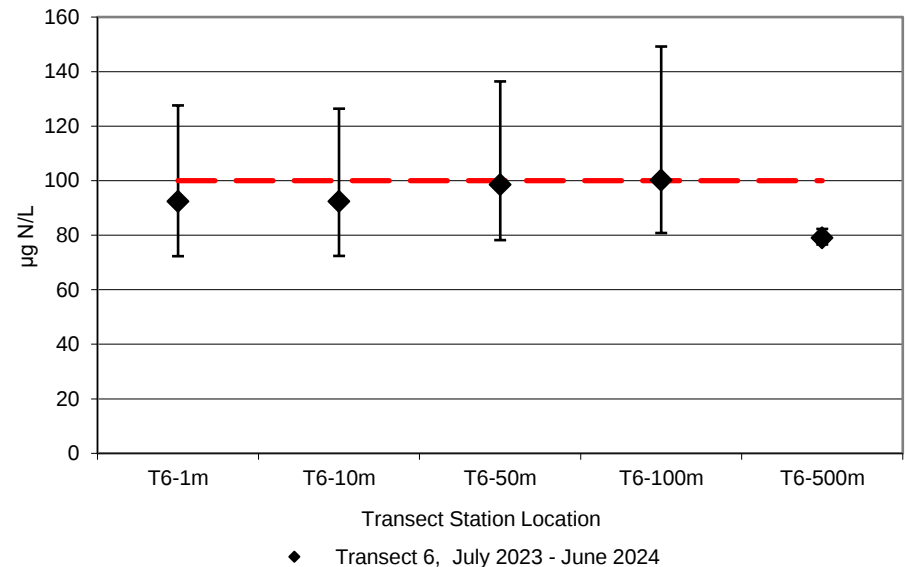
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

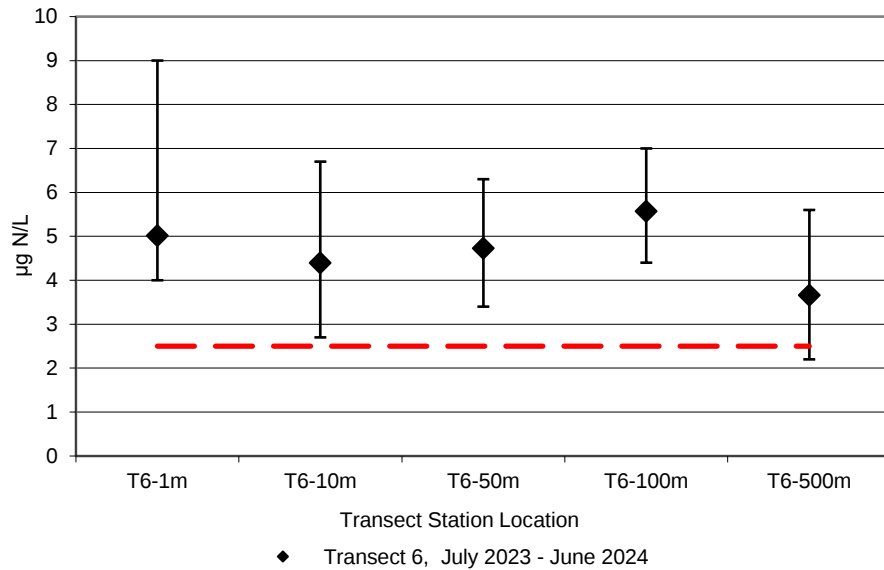


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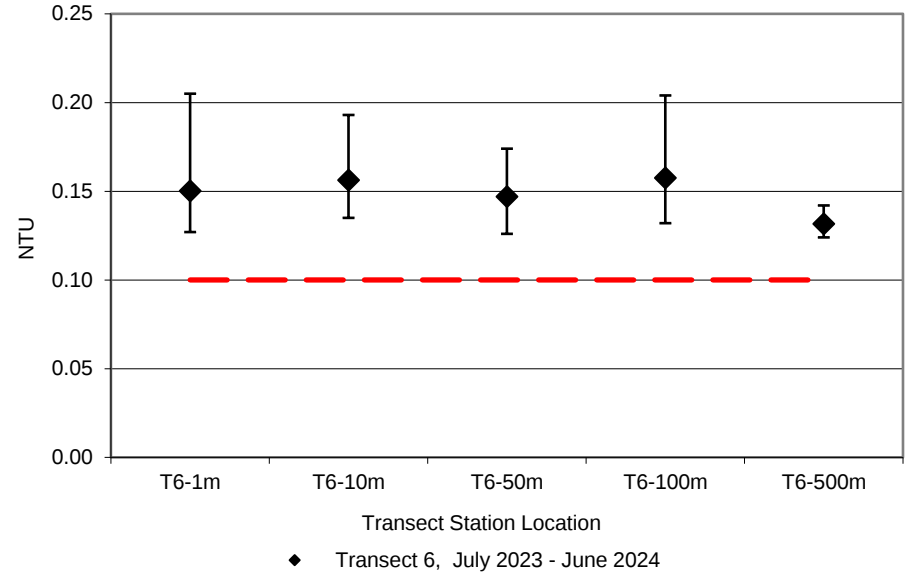
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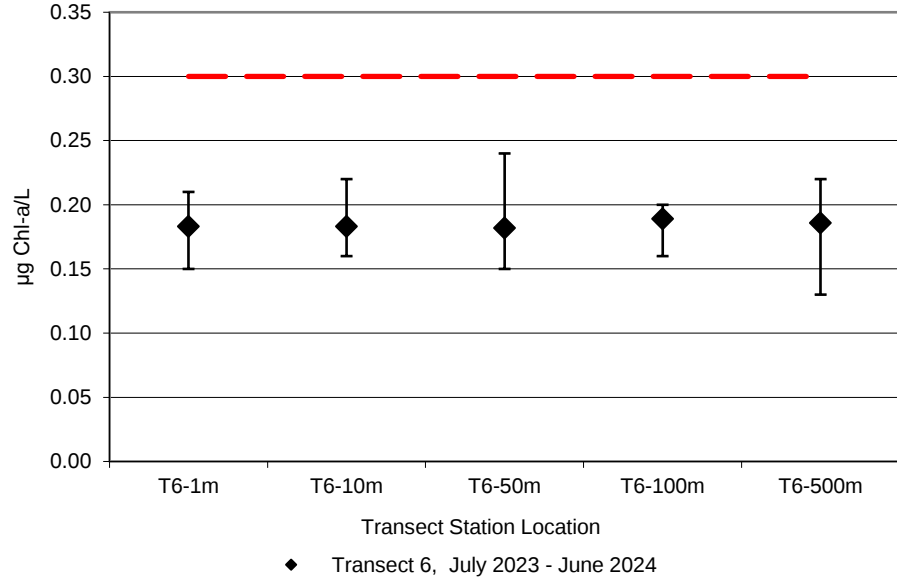
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



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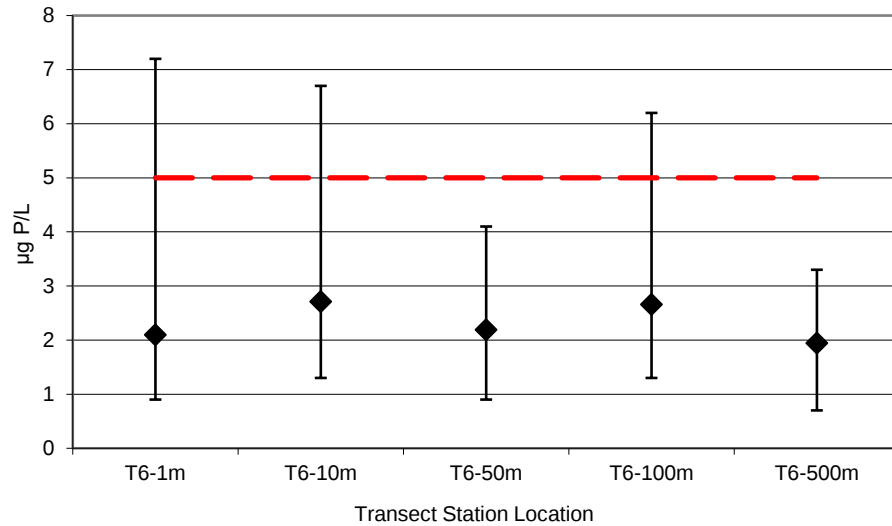
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	9/22/22	1012	0.7	Flood	0.03	0.9	0.64	9.0	0.24	3.4	3.9	109	0.19	5.9	5.1	71	0.20	34.81	27.1	8.09	6.86	0.20
T6-1m	12/27/22	1153	0.4	Low	0.08	2.5	1.73	24.3	0.23	3.2	8.8	247	0.20	6.2	6.5	91	0.05	34.68	25.7	8.15	7.01	0.26
T6-1m	3/16/23	944	0.6	Flood	0.23	7.2	3.66	51.3	0.31	4.4	16.1	453	0.33	10.1	7.9	111	0.12	34.20	24.4	8.06	7.09	0.31
T6-1m	6/1/23	1025	0.5	Flood	0.04	1.2	0.41	5.8	0.12	1.7	1.6	45	0.20	6.3	4.8	67	0.27	34.69	25.8	8.09	6.92	0.17
Geomear FY '23					0.07	2.1	1.14	16.0	0.2	3.0			0.2	6.9	5.9	83	0.14					0.23
T6-10m	9/22/22	1018	0.7	Flood	0.08	2.5	0.40	5.6	0.24	3.3	2.5	70	0.16	5	5.2	73	0.17	34.81	27.1	8.09	6.88	0.21
T6-10m	12/27/22	1157	0.4	Low	0.08	2.5	1.02	14.3	0.23	3.2	5.8	162	0.16	5.1	6.1	86	0.09	34.82	25.9	8.15	7.04	0.23
T6-10m	3/16/23	948	0.6	Flood	0.22	6.7	3.31	46.3	0.32	4.5	14.5	406	0.23	7.2	5.2	73	0.11	34.32	24.5	8.06	7.06	0.33
T6-10m	6/1/23	1031	0.5	Flood	0.04	1.3	0.47	6.6	0.04	0.6	3.1	88	0.22	6.9	5.2	72	0.13	34.69	25.7	8.10	6.93	0.19
Geomear FY '23					0.09	2.7	0.89	12.5	0.2	2.3			0.2	6.0	5.4	76	0.12					0.23
T6-50m	9/22/22	1026	0.7	Flood	0.08	2.5	0.41	5.7	0.11	1.6	3.1	88	0.08	2.4	5.1	71	0.21	34.83	27.2	8.08	6.73	0.21
T6-50m	12/27/22	1201	0.4	Low	0.08	2.5	0.65	9.1	0.17	2.4	4.3	120	0.16	5	6.2	87	0.07	34.87	25.9	8.15	6.91	0.18
T6-50m	3/16/23	953	0.6	Flood	0.13	4.1	0.98	13.7	0.22	3.1	6.2	174	0.22	6.9	5.7	80	0.13	34.44	24.6	8.06	7.04	0.32
T6-50m	6/1/23	1038	0.5	Flood	0.03	0.9	0.66	9.2	0.04	0.6	4.9	138	0.23	7.0	5.8	82	0.17	34.58	25.9	8.07	6.61	0.19
Geomear FY '23					0.07	2.2	0.64	9.0	0.1	1.6			0.2	4.9	5.7	80	0.13					0.22
T6-100m	9/22/22	1031	0.7	Flood	0.08	2.5	0.09	1.3	0.06	0.9	0.3	8	0.08	2.5	5.0	70	0.13	34.90	27.1	8.09	6.67	0.24
T6-100m	12/27/22	1207	0.4	Low	0.08	2.5	0.46	6.4	0.21	2.9	2.6	73	0.19	5.8	5.5	78	0.08	34.88	25.9	8.15	6.90	0.22
T6-100m	3/16/23	959	0.6	Flood	0.20	6.2	2.58	36.1	0.28	3.9	17.1	481	0.29	8.9	8.0	112	0.13	34.32	24.6	8.06	6.97	0.43
T6-100m	6/1/23	1045	0.5	Flood	0.04	1.3	0.61	8.6	0.04	0.5	4.3	121	0.21	6.6	5.8	81	0.12	34.61	25.9	8.08	6.63	0.19
Geomear FY '23					0.09	2.7	0.51	7.1	0.1	1.5			0.2	5.4	6.0	84	0.11					0.26
T6-500m	9/22/22	1038	0.7	Flood	0.08	2.5	0.06	0.9	0.09	1.3	-0.1	-4	0.07	2.1	5.2	72	0.20	34.91	27.4	8.09	6.65	0.20
T6-500m	12/27/22	1214	0.4	Low	0.08	2.5	0.06	0.9	0.09	1.2	0.4	12	0.11	3.5	4.9	69	0.10	34.95	25.9	8.15	6.74	0.26
T6-500m	3/16/23	1007	0.6	Flood	0.11	3.3	0.12	1.7	0.22	3.1	1.6	45	0.32	10.0	8.6	121	0.13	34.67	25.0	8.07	6.94	0.24
T6-500m	6/1/23	1055	0.5	Flood	0.02	0.7	0.07	1.0	0.09	1.3	0.3	7	0.19	5.9	4.9	68	0.11	34.75	25.9	8.09	6.74	0.17
Geomear FY '23					0.06	1.9	0.08	1.1	0.1	1.6			0.1	4.6	5.7	80	0.13					0.21

NELHA Water Quality Laboratory

Transect 6

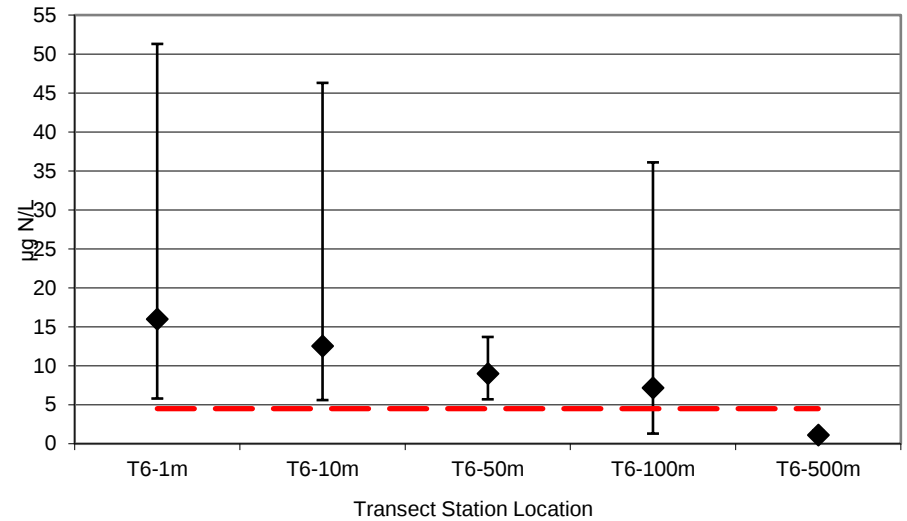
July 2022 - June 2023

**Ortho-Phosphate
Geometric Mean**



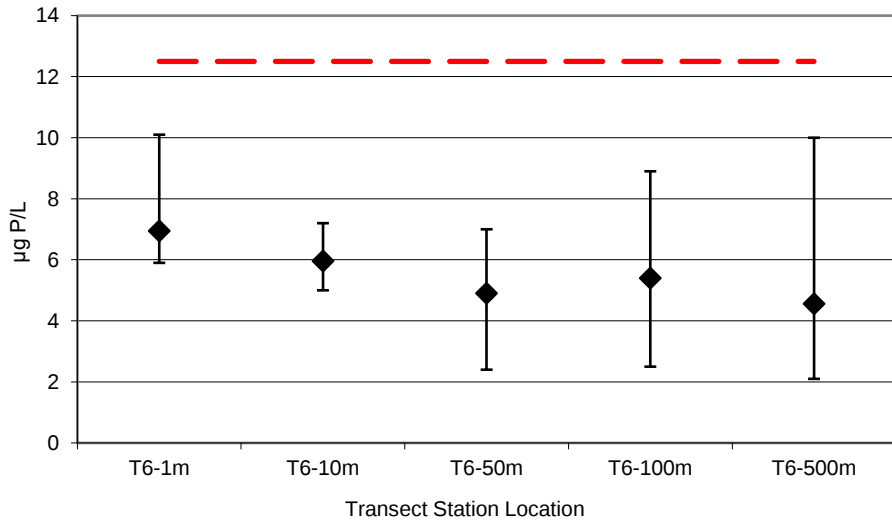
◆ Transect 6, July 2022 - June 2023

**Nitrate + Nitrite
Geometric Mean**



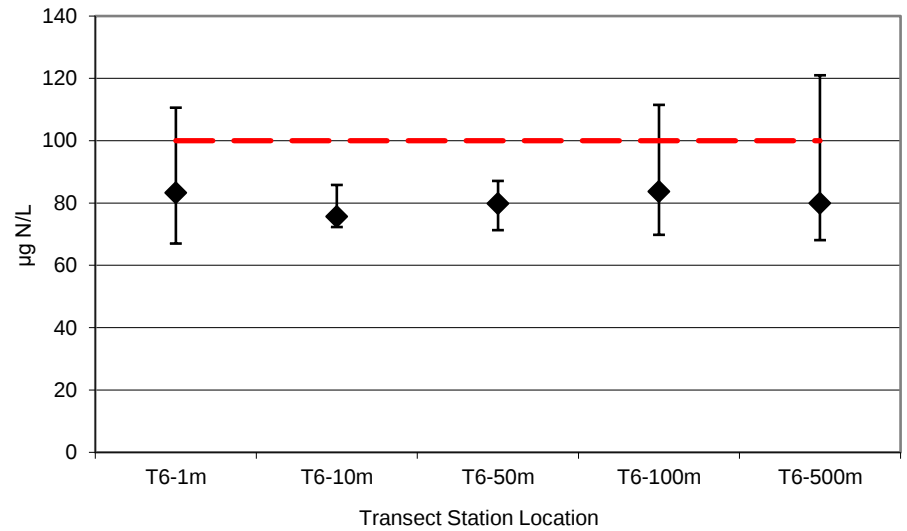
◆ Transect 6, July 2022 - June 2023

**Total Dissolved Phosphorous
Geometric Mean**



◆ Transect 6, July 2022 - June 2023

**Total Dissolved Nitrogen
Geometric Mean**



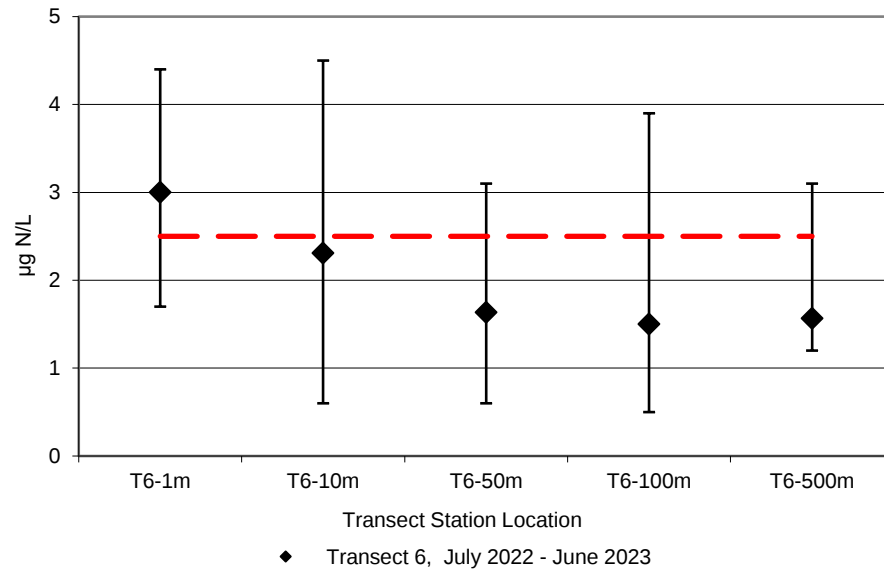
◆ Transect 6, July 2022 - June 2023

NELHA Water Quality Laboratory

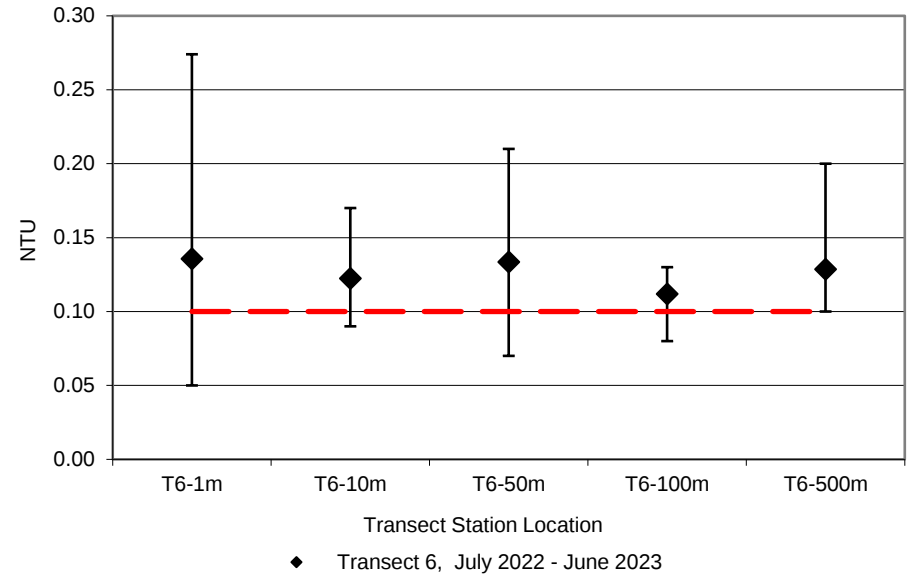
Transect 6

July 2022 - June 2023

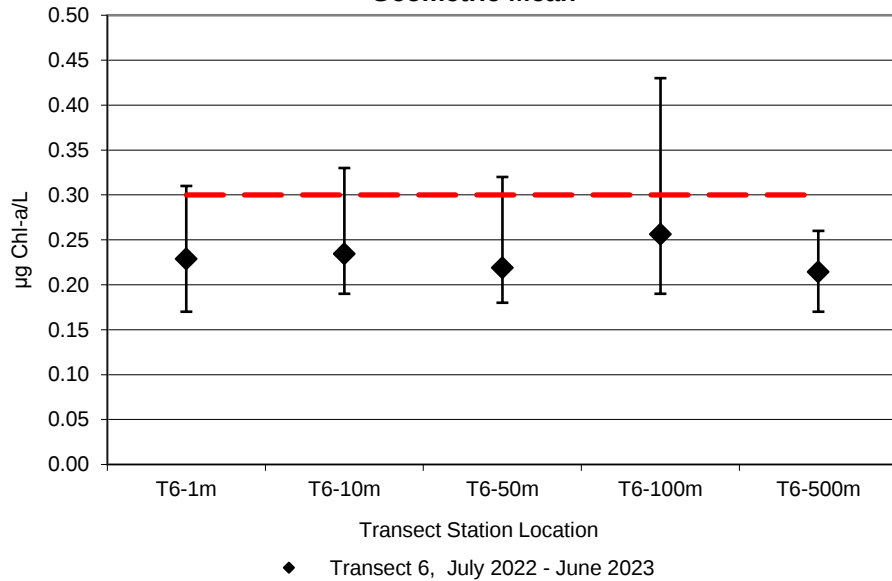
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 6

July 2021 - June 2022

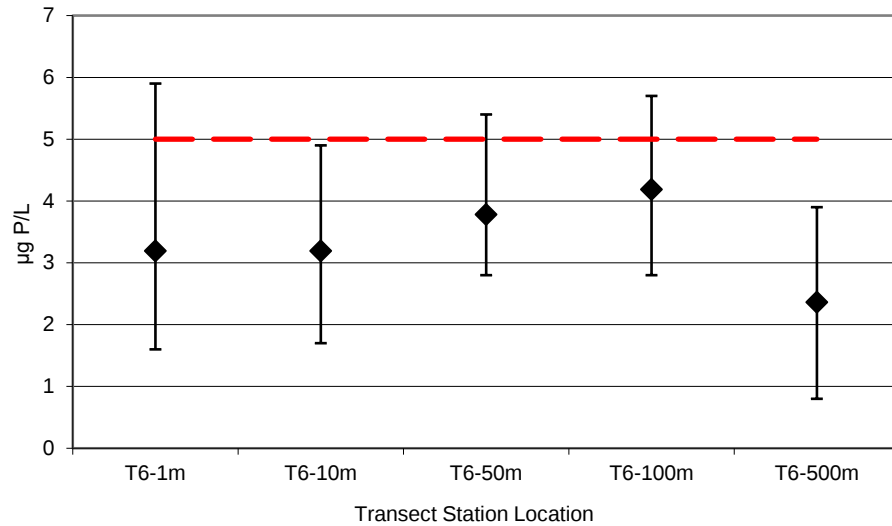
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	9/24/21	1110	0.5	Low	0.05	1.6	0.42	5.9	0.26	3.6	2.1	59	0.21	6.4	5.1	71	0.12	35.45	26.7	8.02	6.89	0.13
T6-1m	12/16/21	1028	0.8	Flood	0.12	3.8	0.53	7.4	0.29	4.1	2.6	73	0.26	8.0	4.9	69	0.08	35.05	26.0	8.11	6.77	0.21
T6-1m	3/16/22	1108	0.4	Flood	0.19	5.9	1.28	17.9	0.03	0.4	7.6	214	0.32	10.0	5.5	78	0.07	34.69	25.5	8.07	7.01	0.20
T6-1m	6/9/22	1007	1.0	Flood	0.09	2.9	0.23	3.2	0.44	6.2	0.6	17	0.26	8.2	4.5	64	0.11	34.47	26.3	8.03	6.93	0.12
Geomear FY '22					0.10	3.2	0.50	7.1	0.2	2.5			0.3	8.0	5.0	70	0.09					0.16
T6-10m	9/24/21	1117	0.5	Low	0.05	1.7	0.39	5.5	0.31	4.4	1.9	53	0.19	5.8	5.2	72	0.09	35.45	26.7	8.03	6.90	0.13
T6-10m	12/16/21	1033	0.8	Flood	0.12	3.8	0.62	8.7	0.24	3.3	3.4	94	0.26	8.2	5.6	79	0.08	35.05	25.9	8.11	6.68	0.21
T6-10m	3/16/22	1113	0.4	Flood	0.16	4.9	1.12	15.7	0.14	1.9	7.1	201	0.32	9.8	5.4	76	0.11	34.67	25.5	8.07	7.03	0.21
T6-10m	6/9/22	1012	1.0	Flood	0.11	3.3	0.19	2.6	0.34	4.8	0.5	15	0.27	8.4	4.6	65	0.10	34.47	26.3	8.03	6.89	0.13
Geomear FY '22					0.10	3.2	0.47	6.6	0.2	3.4			0.3	7.9	5.2	73	0.09					0.17
T6-50m	9/24/21	1123	0.5	Low	0.09	2.8	0.73	10.2	0.37	5.2	4.4	124	0.20	6.3	5.7	80	0.10	35.37	26.7	8.03	6.92	0.15
T6-50m	12/16/21	1037	0.8	Flood	0.13	4.1	0.53	7.4	0.21	3.0	2.9	81	0.26	8.1	6.7	94	0.10	35.08	26.0	8.11	6.65	0.22
T6-50m	3/16/22	1120	0.4	Flood	0.17	5.4	1.41	19.8	0.24	3.3	9.8	276	0.32	9.8	5.8	81	0.07	34.56	25.5	8.08	7.05	0.22
T6-50m	6/9/22	1019	1.0	Flood	0.11	3.3	0.29	4.0	0.27	3.8	3.0	85	0.27	8.3	5.2	73	0.08	34.40	26.3	8.02	6.78	0.17
Geomear FY '22					0.12	3.8	0.63	8.8	0.3	3.7			0.3	8.0	5.8	81	0.09					0.19
T6-100m	9/24/21	1131	0.5	Low	0.15	4.6	0.71	10.0	0.39	5.4	4.9	138	0.20	6.3	6.0	84	0.09	35.37	26.7	8.03	6.90	0.16
T6-100m	12/16/21	1042	0.8	Flood	0.14	4.2	0.62	8.7	0.23	3.2	4.1	116	0.26	8.2	6.0	85	0.07	35.03	25.9	8.11	6.67	0.23
T6-100m	3/16/22	1127	0.4	Flood	0.18	5.7	1.24	17.4	0.14	1.9	6.8	192	0.32	9.9	5.9	83	0.07	34.64	25.7	8.05	6.79	0.26
T6-100m	6/9/22	1025	1.0	Flood	0.09	2.8	0.21	3.0	0.36	5.0	2.3	64	0.29	9.1	5.1	71	0.08	34.42	26.4	8.01	6.66	0.19
Geomear FY '22					0.14	4.2	0.59	8.2	0.3	3.6			0.3	8.3	5.7	80	0.08					0.21
T6-500m	9/24/21	1137	0.5	Low	0.03	0.8	0.04	0.5	0.31	4.3	-0.4	-11	0.18	5.7	5.2	73	0.08	35.55	26.9	8.02	6.64	0.16
T6-500m	12/16/21	1050	0.8	Flood	0.13	3.9	0.11	1.5	0.15	2.1	1.1	31	0.26	7.9	6.9	97	0.09	35.10	26.0	8.10	6.59	0.29
T6-500m	3/16/22	1134	0.4	Flood	0.12	3.7	0.01	0.1	0.05	0.7	-0.2	-4	0.32	10.0	4.4	61	0.08	34.86	25.6	8.07	6.84	0.16
T6-500m	6/9/22	1032	1.0	Flood	0.09	2.7	0.13	1.8	0.28	3.9	0.7	19	0.27	8.5	4.9	69	0.10	34.47	26.6	8.02	6.72	0.16
Geomear FY '22					0.08	2.4	0.04	0.6	0.2	2.2			0.3	7.9	5.3	74	0.09					0.19

NELHA Water Quality Laboratory

Transect 6

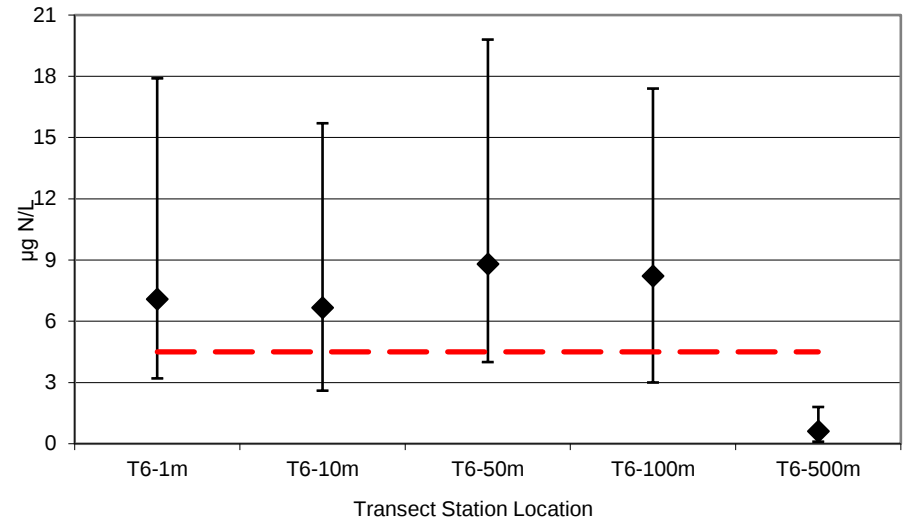
July 2021 - June 2022

**Ortho-Phosphate
Geometric Mean**



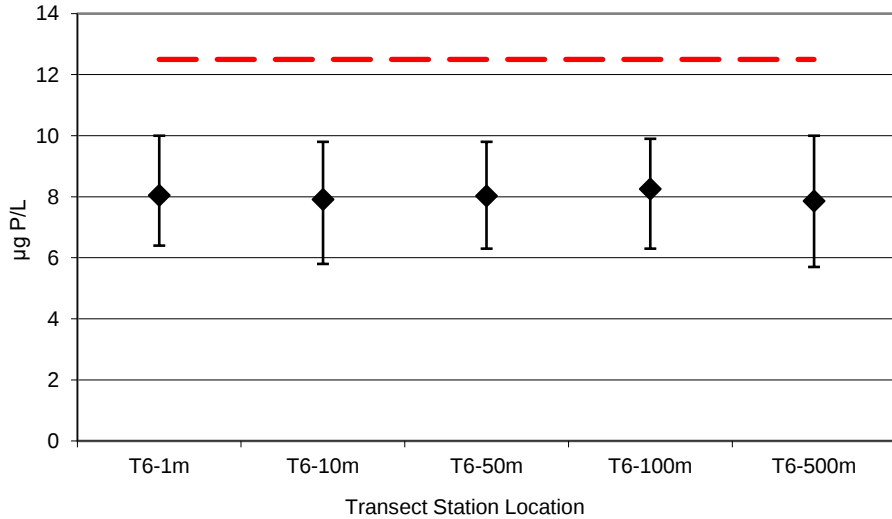
◆ Transect 6, July 2021 - June 2022

**Nitrate + Nitrite
Geometric Mean**



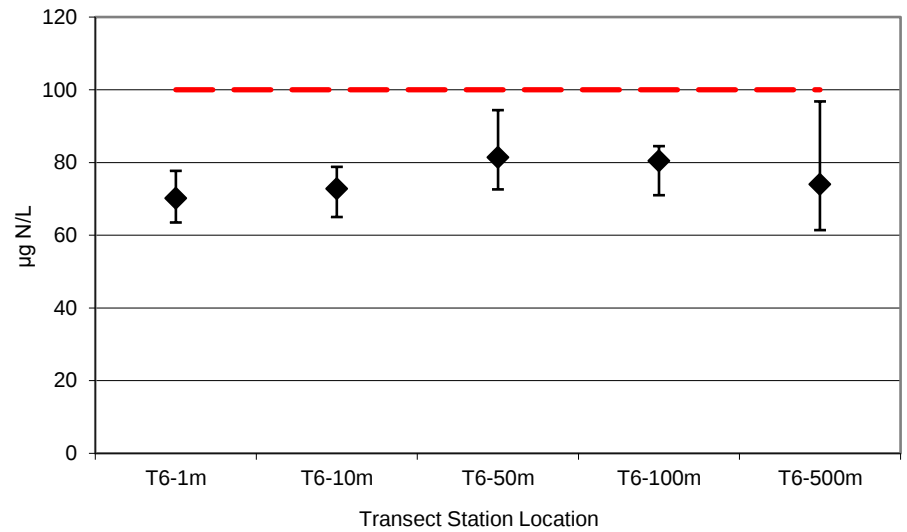
◆ Transect 6, July 2021 - June 2022

**Total Dissolved Phosphorous
Geometric Mean**



◆ Transect 6, July 2021 - June 2022

**Total Dissolved Nitrogen
Geometric Mean**



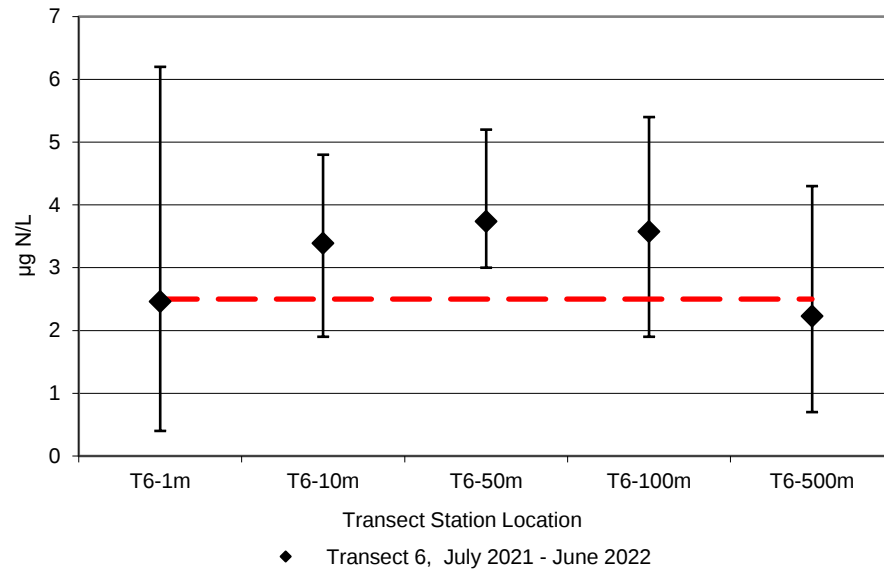
◆ Transect 6, July 2021 - June 2022

NELHA Water Quality Laboratory

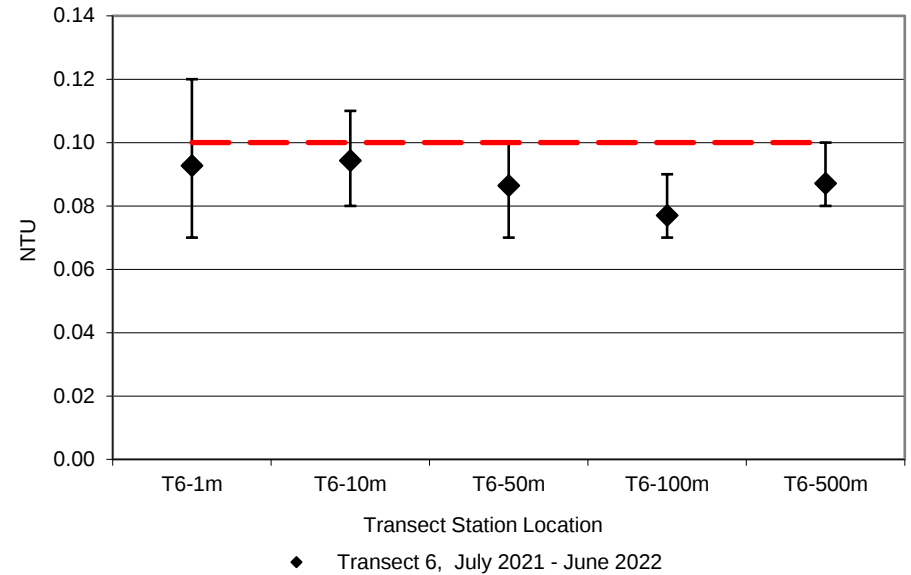
Transect 6

July 2021 - June 2022

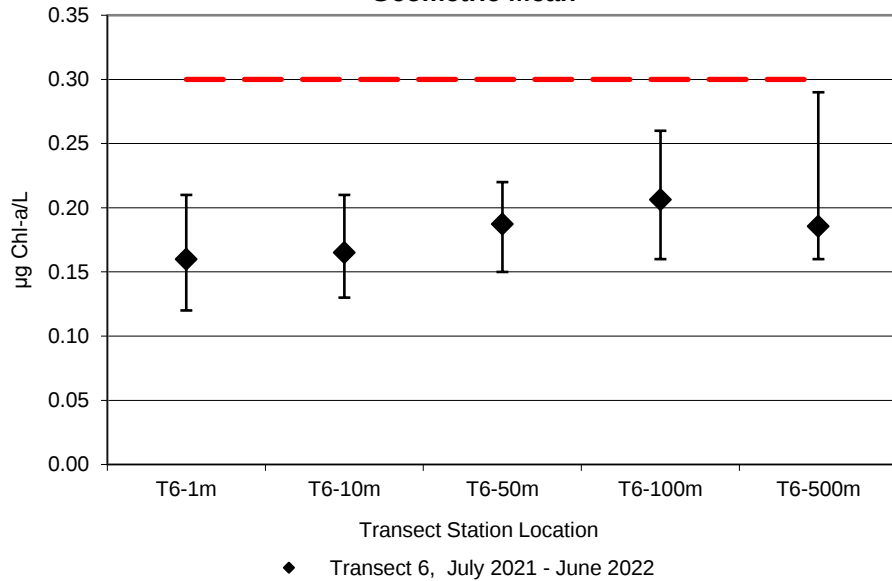
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 6

July 2020 - June 2021

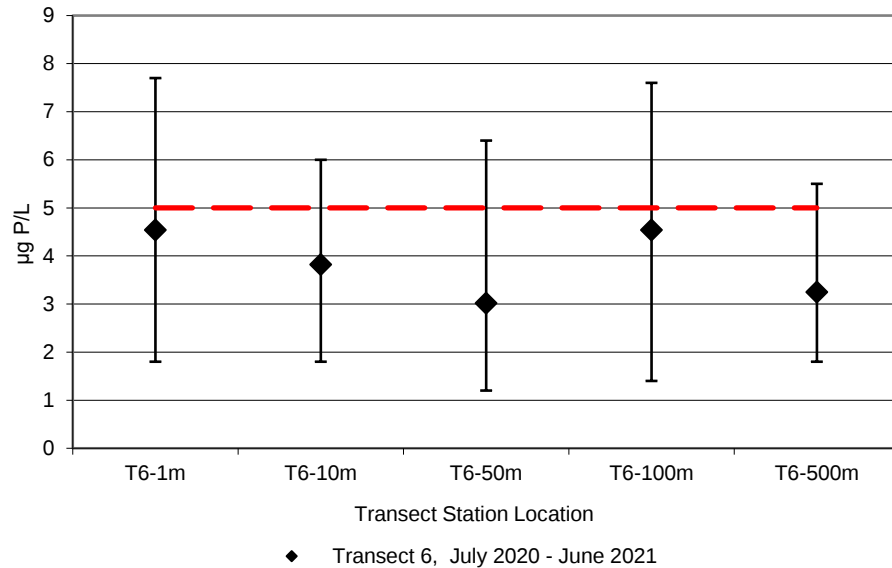
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	9/23/20	1036	1.8	High	0.18	5.6	0.28	3.9	0.49	6.9	2.3	65	0.42	12.9	6.2	87	0.07	36.08	26.0	8.19	5.62	0.16
T6-1m	12/16/20	1039	0.5	Ebb	0.18	5.5	1.02	14.3	0.38	5.3	5.8	163	0.28	8.8	6.6	93	0.10	35.48	26.5	8.10	6.70	0.21
T6-1m	3/10/21	1048	0.5	Flood	0.25	7.7	1.93	27.1	0.29	4.1	8.0	224	0.39	12.0	5.9	82	0.07	35.53	24.7	8.08	6.80	0.16
T6-1m	5/25/21	1226	1.0	Flood	0.06	1.8	0.78	10.9	0.13	1.8	5.5	155	0.13	3.9	5.6	78	0.05	35.56	25.8	8.07	7.06	0.17
Geomear FY '21					0.15	4.5	0.81	11.3	0.3	4.1			0.3	8.5	6.1	85	0.07					0.17
T6-10m	9/23/20	1040	1.8	High	0.19	6.0	0.28	3.9	0.51	7.2	2.3	65	0.35	10.7	5.6	78	0.05	36.09	26.0	8.18	5.64	0.21
T6-10m	12/16/20	1045	0.5	Ebb	0.15	4.7	0.37	5.2	0.37	5.2	1.6	44	0.28	8.6	5.6	79	0.08	35.54	26.6	8.11	6.69	0.17
T6-10m	3/10/21	1054	0.5	Flood	0.14	4.2	0.81	11.4	0.33	4.6	4.6	130	0.37	11.6	4.5	63	0.05	35.53	24.6	8.09	6.85	0.14
T6-10m	5/25/21	1222	1.0	Flood	0.06	1.8	0.59	8.2	0.16	2.3	4.5	127	0.14	4.4	5.3	75	0.10	35.57	25.8	8.07	7.02	0.15
Geomear FY '21					0.12	3.8	0.47	6.6	0.3	4.5			0.3	8.3	5.2	73	0.07					0.17
T6-50m	9/23/20	1046	1.8	High	0.19	6.0	0.22	3.1	0.56	7.8	1.5	42	0.40	12.5	5.5	78	0.06	36.08	26.1	8.19	5.68	0.19
T6-50m	12/16/20	1052	0.5	Ebb	0.21	6.4	0.77	10.8	0.33	4.6	4.8	135	0.31	9.7	6.6	93	0.09	35.49	26.5	8.11	6.70	0.20
T6-50m	3/10/21	1059	0.5	Flood	0.04	1.2	0.89	12.5	0.34	4.7	6.7	189	0.37	11.4	4.4	62	0.05	35.48	24.7	8.10	7.02	0.19
T6-50m	5/25/21	1216	1.0	Flood	0.06	1.8	0.59	8.2	0.34	4.7	4.9	138	0.13	3.9	5.7	80	0.10	35.55	25.7	8.07	7.06	0.11
Geomear FY '21					0.10	3.0	0.55	7.7	0.4	5.3			0.3	8.6	5.5	77	0.07					0.17
T6-100m	9/23/20	1051	1.8	High	0.23	7.0	0.05	0.7	0.39	5.4	0.8	23	0.34	10.5	6.0	84	0.02	36.11	26.1	8.19	5.50	0.18
T6-100m	12/16/20	1058	0.5	Ebb	0.18	5.7	0.69	9.6	0.35	4.9	4.5	127	0.27	8.5	7.1	100	0.07	35.48	26.5	8.11	6.70	0.22
T6-100m	3/10/21	1104	0.5	Flood	0.25	7.6	2.06	28.9	0.36	5.1	15.9	447	0.35	10.9	6.1	86	0.06	35.16	24.6	8.10	6.98	0.18
T6-100m	5/25/21	1212	1.0	Flood	0.05	1.4	0.54	7.6	0.20	2.8	4.2	119	0.15	4.6	5.9	82	0.09	35.56	25.8	8.06	6.97	0.15
Geomear FY '21					0.15	4.5	0.44	6.2	0.3	4.4			0.3	8.2	6.3	88	0.05					0.18
T6-500m	9/23/20	1100	1.8	High	0.18	5.5	0.03	0.4	0.34	4.8	0.7	19	0.37	11.6	6.2	88	0.02	36.12	26.3	8.19	5.50	0.17
T6-500m	12/16/20	1107	0.5	Ebb	0.15	4.5	0.02	0.3	0.33	4.6	0.2	7	0.26	8	6.1	86	0.05	35.61	26.6	8.11	6.62	0.16
T6-500m	3/10/21	1112	0.5	Flood	0.08	2.5	0.12	1.7	0.35	4.9	0.5	13	0.31	9.7	4.2	58	0.07	35.71	24.8	8.09	6.75	0.19
T6-500m	5/25/21	1204	1.0	Flood	0.06	1.8	0.11	1.6	0.09	1.3	0.2	5	0.12	3.8	4.8	67	0.08	35.72	26.1	8.06	6.78	0.09
Geomear FY '21					0.10	3.2	0.05	0.8	0.2	3.4			0.2	7.6	5.3	74	0.05					0.15

NELHA Water Quality Laboratory

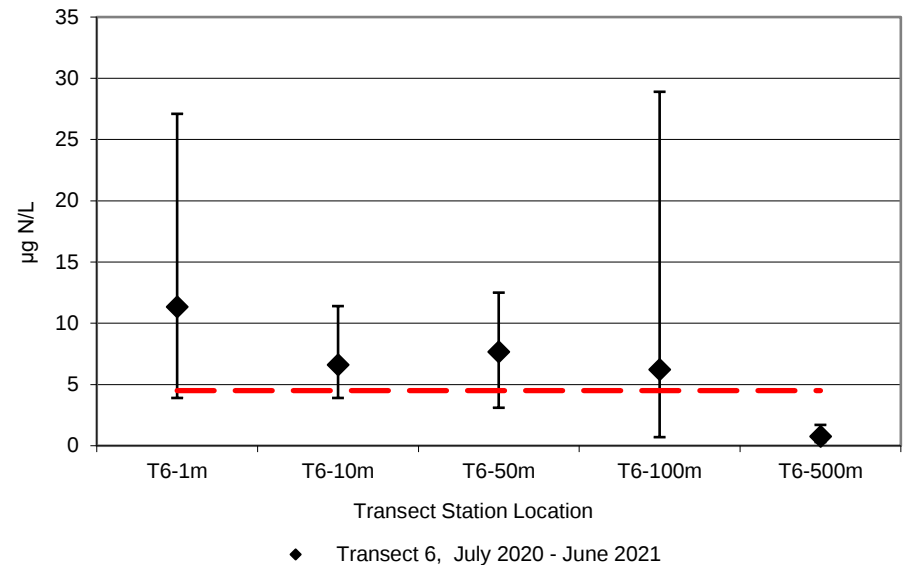
Transect 6

July 2020 - June 2021

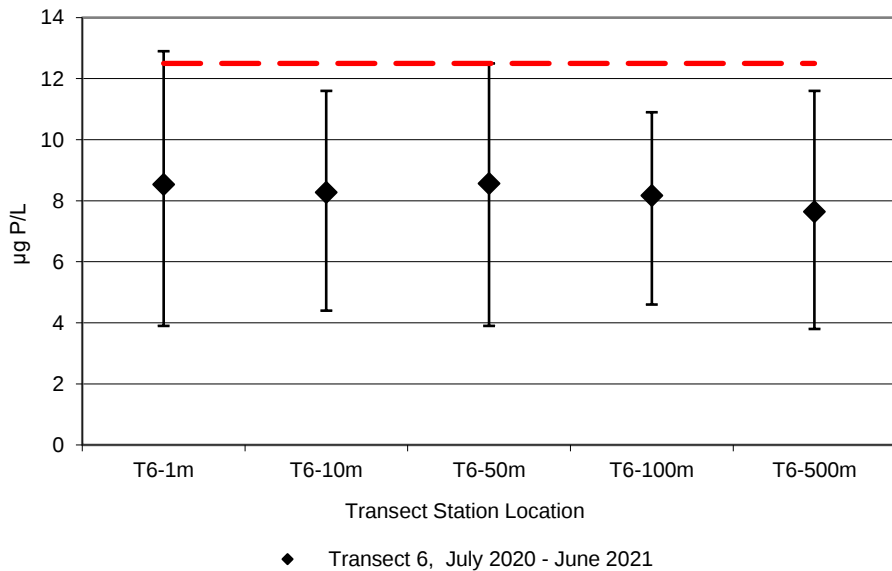
**Ortho-Phosphate
Geometric Mean**



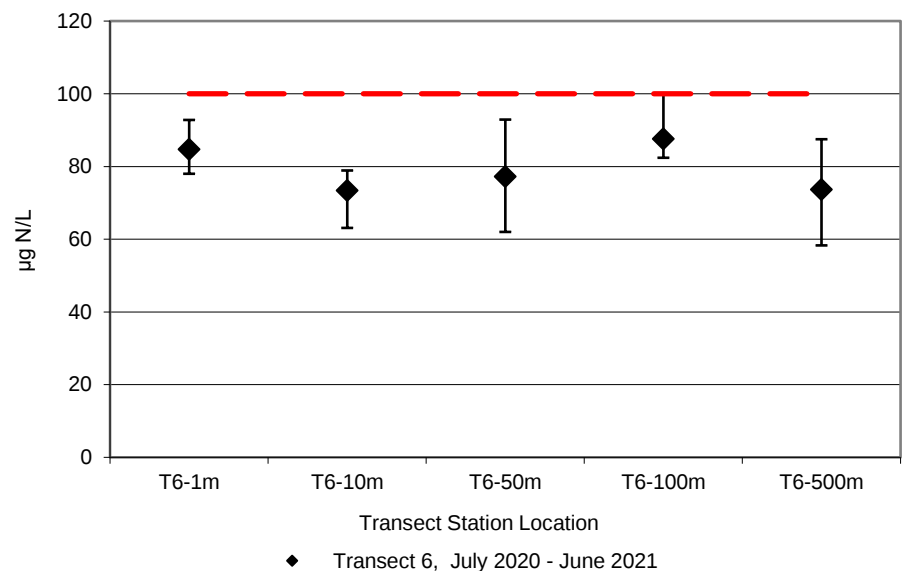
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

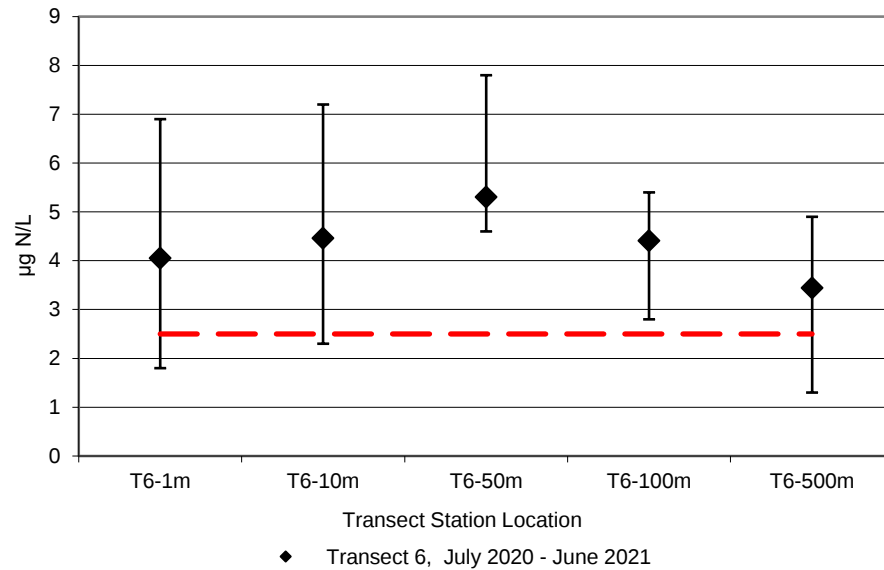


NELHA Water Quality Laboratory

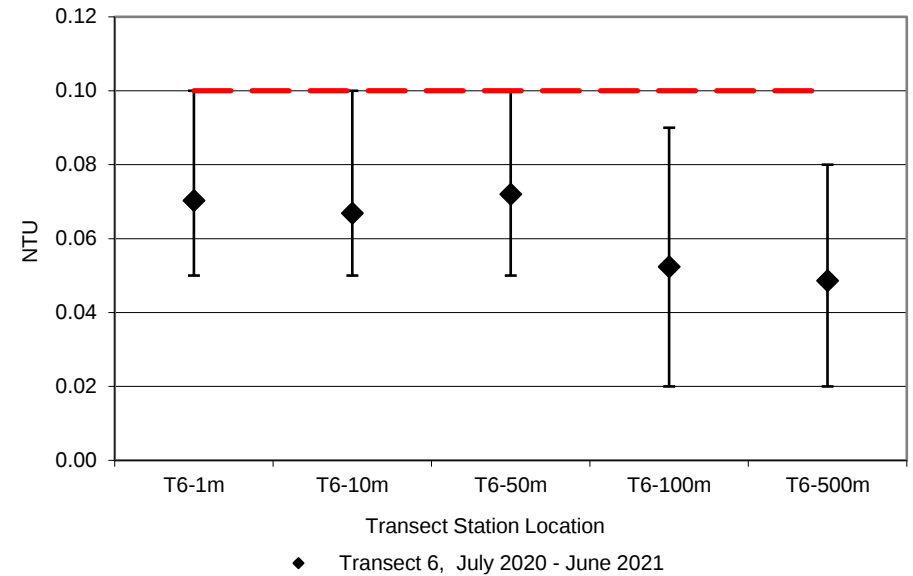
Transect 6

July 2020 - June 2021

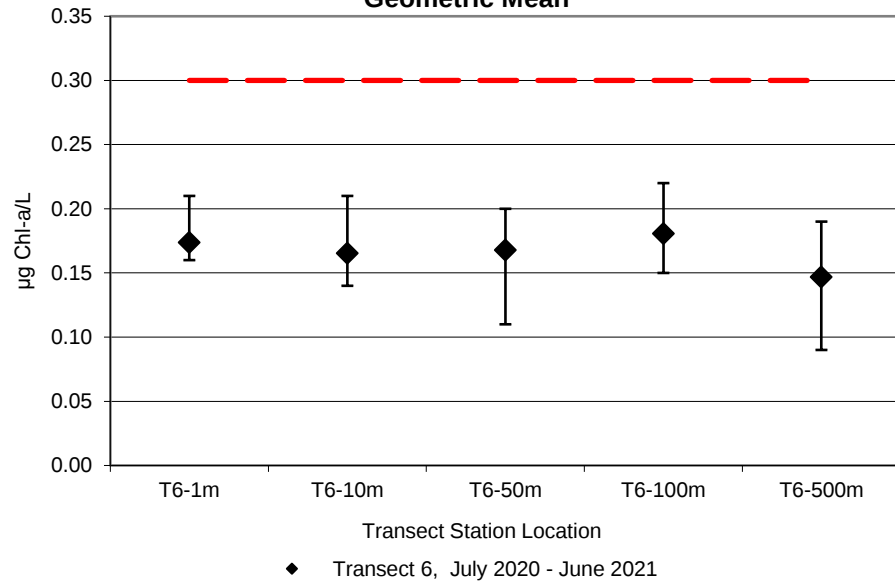
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 6, Station 1

7/26/1993 - 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.	Enteroc.
	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
																		0.10					0.30		
DOH LIMIT			5		4.5		2.5				12.5		100												
O6-1S-8rr	7/26/93	926	0.18	5.6	0.12	1.7	0.45	6.3	3.3	92	0.28	8.7	7.3	102	0.29	8.98	1.26	0.11	34.436	26.8	8.26	6.85	0.06		
O6-1S-8rr	12/6/93	950	0.09	2.8	0.32	4.5	0.09	1.3	4.0	111	0.27	8.4	6.4	90	0.27	8.36	1.16	0.09	34.791	25.8	8.25	6.83	0.11		
O6-1S-8rr	3/7/94	915	0.24	7.4	1.03	14.4	0.18	2.5	12.6	353	0.30	9.3	6.2	86	0.30	9.29	1.18	0.10	33.936	24.8	8.22	6.94	0.02	3	<1
O6-1S-8rr	6/15/94	919	0.22	6.8	2.24	31.4	0.54	7.6	4.7	131	0.22	6.9	8.2	115	0.29	8.98	1.12	0.10	34.480	25.7	8.22	6.86	0.08	<1	<1
Geomear FY '94				5.3		7.6		3.5			8.3		98					0.10					0.06		
O6-1S-8rr	9/9/94	1012	0.09	2.8	0.32	4.5	0.21	2.9	5.5	155	0.30	9.3	6.9	96	0.32	9.91	1.13	0.08	34.487	27.6	8.23	6.58	0.11	<1	<1
O6-1S-8rr	#####	818	0.14	4.3	0.69	9.7	0.50	7.0	8.6	240	0.34	10.5	5.5	77	0.38	11.77	1.00	0.11	34.485	26.0	8.26	6.58	0.06	<1	<1
O6-1S-8rr	3/22/95	854	0.19	5.9	0.30	4.2	0.35	4.9	4.5	126	0.33	10.2	5.8	82	0.34	10.53	1.06	0.08	34.170	25.1	8.25	7.03	0.17	<1	<1
O6-1S-8rr	6/20/95	837	0.13	4.0	0.36	5.0	0.09	1.3	4.3	122	0.27	8.4	6.3	88	0.28	8.67	0.96	0.06	34.379	26.2	8.21	6.66	0.34	<1	<1
Geomear FY '95			4.1			5.5		3.4			9.6		85					0.08					0.14		
O6-1S-8rr	9/26/95	922	0.14	4.3	0.45	6.3	0.47	6.6	7.7	217	0.31	9.6	5.4	75	0.31	9.60	0.89	0.25	34.386	27.0	8.23	6.66	0.14	1	4
O6-1S-8rr	#####	1114	0.12	3.7	0.42	5.9	0.55	7.7	6.1	171	0.31	9.6	5.4	76	0.31	9.60	1.11	0.10	34.218	26.9	8.28	6.79	0.08	<1	<1
O6-1S-8rr	3/12/96	1137	0.14	4.3	0.16	2.2	0.48	6.7	3.7	105	0.34	10.5	4.8	68	0.34	10.53	1.09	0.06	34.144	25.5	8.23	7.06	0.05	<1	<1
O6-1S-8rr	5/14/96	1130	0.13	4.0	0.41	5.7	0.22	3.1	7.7	215	0.30	9.3	4.6	64	0.30	9.29	1.11	0.06	34.155	27.4	8.21	7.07	0.09	<1	<1
Geomear FY '96			4.1			4.7		5.7			9.7		71					0.10					0.08		
O6-1S-8rr	7/31/96	1200	0.15	4.6	2.05	28.7	0.53	7.4	27.0	757	0.29	9.0	4.3	60	0.29	8.98	0.80	0.14	33.614	27.9	8.27	6.84	0.08	<1	<1
O6-1S-8rr	10/2/96	1131	0.11	3.4	1.11	15.5	0.50	7.0	15.5	435	0.28	8.7	5.5	76	0.28	8.67	1.01	0.13	34.171	28.4	8.24	6.75	0.16	<1	<1
O6-1S-8rr	1/7/97	1138	0.09	2.8	0.40	5.6	0.25	3.5	6.4	181	0.27	8.4	5.2	72	0.27	8.36	1.33	0.11	34.557	25.7	8.29	6.97	0.01	<1	<1
O6-1S-8rr	4/28/97	1155	0.12	3.7	0.27	3.8	0.43	6.0	5.7	161	0.79	24.5	5.0	70	0.79	24.47	1.10	0.11	34.474	26.4	8.29	6.76	0.01	<1	<1
Geomear FY '97			3.6			9.9		5.8			11.2		69					0.12					0.03		
O6-1S-8rr	8/19/97	1138	0.08	2.5	0.22	3.1	0.18	2.5	6.2	173	0.36	11.2	4.9	68	0.38	11.77	1.09	0.10	34.536	27.2	8.40	6.44	0.19	<1	<1
O6-1S-8rr	10/7/97	1044	0.11	3.4	0.09	1.3	0.33	4.6	3.7	104	0.30	9.3	4.7	66	0.30	9.29	1.09	0.08	34.722	27.6	8.45	6.52	0.08	<1	<1
O6-1S-8rr	3/4/98	1213	0.14	4.3	0.84	11.8	0.25	3.5	11.3	318	0.31	9.6	5.4	76	0.31	9.60	0.97	0.08	34.769	25.0	8.24	6.96	0.01	<1	<1
O6-1S-8rr	5/5/98	1205	0.14	4.3	1.20	16.8	0.36	5.0	17.7	497	0.41	12.7	8.7	122	0.42	13.01	1.11	0.10	34.537	24.4	8.28	7.62	0.08	<1	<1
Geomear FY '98			3.5			5.3		3.8			10.6		80					0.09					0.06		
O6-1S-8rr	7/7/98	1225	0.12	3.7	0.53	7.4	0.08	1.1	10.2	286	0.38	11.8	6.8	95	0.41	12.70	1.15	0.11	34.807	26.3	8.24	7.08	0.17	<1	<1
O6-1S-8rr	10/6/98	1131	0.12	3.7	0.60	8.4	0.09	1.3	9.7	273	0.39	12.1	6.9	97	0.39	12.08	1.10	0.08	34.944	27.2	8.22	7.24	0.07	<1	<1
O6-1S-8rr	1/19/99	1207	0.15	4.6	1.44	20.2	0.08	1.1	22.2	623	0.41	12.7	5.4	76	0.46	14.25	1.09	0.09	34.645	25.1	8.21	6.93	0.17	<1	<1
O6-1S-8rr	4/12/99	1213	0.13	4.0	0.23	3.2	0.11	1.5	8.1	228	0.38	11.8	4.7	66	0.39	12.08	1.07	0.08	34.637	24.3	8.23	7.31	0.26	<1	<1
Geomear FY '99			4.0			8.0		1.2			12.1		82					0.09					0.15		

NELHA Water Quality Laboratory

Transect 6, Station 1

7/26/1993 - 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		
O6-1S-8r	7/6/99	1244	0.11	3.4	0.23	3.2	0.07	1.0	5.5	154	0.30	9.3	5.9	82	0.34	10.53	1.02	0.12	34.831	25.7	8.22	7.89	0.12	<1	<1
O6-1S-8r	10/4/99	1301	0.14	4.3	0.19	2.7	0.09	1.3	3.1	87	0.35	10.8	4.9	69	0.35	10.84	1.02	0.11	34.941	26.3	8.28	7.10	0.12	<1	<1
O6-1S-8r	1/12/00	1208	0.17	5.3	1.62	22.7	0.41	5.7	27.2	764	0.36	11.2	6.9	97	0.38	11.77	0.88	0.05	34.575	24.7	8.25	6.80	0.09	<1	<1
O6-1S-8r	4/11/00	1104	0.14	4.3	0.83	11.6	0.08	1.1	12.4	348	0.28	8.7	6.6	92	0.28	8.67	1.10	0.07	34.592	24.4	8.27	7.08	0.05	<1	<1
Geomear FY '00			4.3		6.9		1.7				9.9		84					0.08					0.09		
O6-1S-8r	7/25/00	1221	0.11	3.4	0.40	5.6	0.15	2.1	8.3	234	0.34	10.5	5.9	82	0.34	10.53	0.97	0.19	34.672	26.7	8.31	7.16	0.25	<1	1
O6-1S-8r	#####	1209	0.16	5.0	0.80	11.2	0.26	3.6	16.9	475	0.39	12.1	5.3	75	0.39	12.08	1.10	0.16	34.650	26.8	8.24	6.69	0.08	<1	<1
O6-1S-8r	3/6/01	1156	0.17	5.3	0.33	4.6	0.10	1.4	6.2	173	0.37	11.5	5.4	75	0.37	11.46	1.11	0.14	34.623	24.9	8.22	6.70	0.07	<1	<1
O6-1S-8r	5/7/01	1254	0.16	5.0	1.53	21.4	0.36	5.0	17.5	490	0.38	11.8	6.1	85	0.40	12.39	1.00	0.13	34.388	24.7	8.22	7.32	0.14	<1	<1
Geomear FY '01			4.6		8.9		2.7				11.4		79					0.15					0.12		
O6-1S-8r	8/14/01	1100	0.13	4.0	0.07	1.0	0.31	4.3	4.0	111	0.38	11.8	5.1	71	0.38	11.77	1.06	0.13	34.806	26.8	8.24	7.01	0.17	<1	<1
O6-1S-8r	#####	1109	0.15	4.6	0.82	11.5	0.03	0.4	7.3	206	0.42	13.0	5.6	78	0.44	13.63	1.02	0.08	34.851	26.8	8.22	6.88	0.14	<1	<1
O6-1S-8r	3/6/02	1112	0.12	3.7	0.45	6.3	0.02	0.3	13.0	364	0.42	13.0	6.6	92	0.50	15.49	0.97	0.08	34.383	24.1	8.23	6.93	0.16	<1	<1
O6-1S-8r	4/15/02	1133	0.19	5.9	2.33	32.6	0.03	0.4	14.8	416	0.40	12.4	7.0	99	0.40	12.39	0.98	0.07	34.105	25.5	8.23	6.80	0.13	<1	<1
Geomear FY '02			4.5		6.9		0.7				12.5		84					0.09					0.15		
O6-1S-8r	7/10/02	1122	0.12	3.7	2.32	32.5	0.17	2.4	14.4	404	0.38	11.8	7.8	109	0.39	12.08	0.87	0.08	34.311	26.2	8.22	7.19	0.07	<1	<1
O6-1S-8r	10/8/02	1115	0.15	4.6	2.25	31.5	0.04	0.6	12.1	341	0.38	11.8	6.8	96	0.39	12.08	0.96	0.11	34.644	27.0	8.24	6.87	0.07	<1	1
O6-1S-8r	3/12/03	1018	0.12	3.7	0.45	6.3	0.03	0.4	13.0	364	0.47	14.6	5.9	82	0.50	15.49	1.08	0.07	34.652	25.0	8.26	7.05	0.10	<1	2
O6-1S-8r	4/23/03	1120	0.19	5.9	2.33	32.6	0.03	0.4	14.8	416	0.40	12.4	6.8	95	0.40	12.39	0.98	0.09	34.564	24.9	8.29	7.59	0.12	<1	<1
Geomear FY '03			4.4		21.4		0.7				12.6		95					0.09					0.09		
O6-1S-8r	8/21/03	1110	0.10	3.1	0.11	1.5	0.10	1.4	5.1	143	0.36	11.2	6.6	93	0.38	11.77	n/a	0.09	34.758	28.5	8.27	6.70	0.03	<1	<1
O6-1S-8r	11/3/03	952	0.13	4.0	0.09	1.3	0.17	2.4	4.5	128	0.38	11.8	7.0	98	0.45	13.94	n/a	0.16	34.661	27.3	8.24	n/a	0.18	<1	<1
O6-1S-8r	3/18/04	1053	0.20	6.2	0.10	1.4	0.33	4.6	14.8	415	0.49	15.2	5.7	79	0.56	17.35	n/a	n/a	34.017	25.4	8.24	6.90	0.21	<1	<1
O6-1S-8r	5/24/04	1104	0.17	5.3	0.50	7.0	0.20	2.8	10.4	291	0.47	14.6	6.3	88	0.46	14.25	n/a	n/a	33.26	26.8	8.23	7.00	0.01	<1	<1
Geomear FY '04			4.5		2.1		2.6				13.0		89					0.12					0.06		
O6-1S-8r	9/22/04	1138	0.09	2.8	0.02	0.3	0.31	4.3	2.4	67	0.29	9.0	4.0	56	0.31	9.60	n/a	0.08	24.90	n/a	8.28	6.95	0.13	<1	<1
O6-1S-8r	#####	1046	0.09	2.8	0.41	5.7	0.14	2.0	4.5	127	0.32	9.9	4.3	60	0.31	9.60	n/a	0.07	33.69	27.1	8.30	9.79	0.05	<1	<1
O6-1S-8r	1/24/05	1124	0.07	2.2	0.19	2.7	0.14	2.0	4.8	134	0.30	9.3	4.7	66	0.30	9.29	n/a	0.07	34.770	25.5	8.33	6.87	0.07	<1	<1
O6-1S-8r	4/13/05	1130	0.13	4.0	0.42	5.9	0.16	2.2	6.4	178	0.39	12.1	4.5	63	0.40	12.39	n/a	0.10	34.350	25.4	8.30	6.82	0.08	1	1
Geomear FY '05			2.9		2.2		2.5				10.0		61					0.08					0.08		

NELHA Water Quality Laboratory

Transect 6, Station 1

7/26/1993 - 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		
O6-1S-8r	7/21/05	1107	0.06	1.9	0.33	4.6	0.44	6.2	4.8	135	0.31	9.6	4.0	56	0.34	10.53	n/a	0.12	34.678	27.4	8.27	6.67	0.02	<1	<1
O6-1S-8r	#####	1035	0.05	1.5	0.03	0.4	0.17	2.4	1.7	47	0.37	11.5	4.6	64	0.35	10.84	1.00	0.10	34.923	27.4	8.30	6.76	0.06	<1	<1
O6-1S-8r	3/15/06	1005	0.36	11.2	1.77	24.8	0.33	4.6	13.8	388	0.48	14.9	5.2	73	0.48	14.87	n/a	0.08	34.513	24.3	8.25	7.06	0.11	<1	1
O6-1S-8r	5/17/06	1045	0.17	5.3	1.78	24.9	0.05	0.7	13.1	368	0.52	16.1	6.3	88	0.52	16.11	0.98	0.14	34.322	24.8	8.28	7.14	0.07	<1	<1
Geomear FY '06			3.6		5.9		2.6				12.7		69					0.11					0.06		
O6-1S-8r	8/16/06	1051	0.12	3.7	0.34	4.8	0.36	5.0	2.9	82	0.36	11.2	5.2	72	0.41	12.70	0.94	0.16	34.589	26.8	8.24	9.17	0.09	<1	<1
O6-1S-8r	#####	1047	0.17	5.3	1.49	20.9	0.52	7.3	11.0	309	0.39	12.1	5.5	77	0.41	12.70	1.08	0.34	34.478	26.6	8.27	6.85	0.15	1	<1
O6-1S-8r	2/12/07	1147	0.19	5.9	1.65	23.1	0.48	6.7	11.6	326	0.45	13.9	6.2	86	0.43	13.32	1.38	0.20	34.084	24.6	8.25	7.16	0.12	<1	<1
O6-1S-8r	4/16/07	1130	0.28	8.7	4.19	58.7	0.60	8.4	33.5	941	0.52	16.1	8.8	123	0.53	16.42	0.89	0.28	33.611	25.5	8.31	7.40	0.12	<1	<1
Geomear FY '07			5.6		19.2		6.7				13.2		88					0.23					0.12		
T6-1m	9/27/07	1027	0.17	5.3	0.73	10.2	0.01	0.1	7.7	217	0.32	9.9	5.4	76				0.16	34.725	26.6	8.08	6.56	0.08		
T6-1m	#####	1025	0.08	2.6	0.44	6.1	0.00		4.8	134	0.31	9.7	9.1	127				0.07	34.625	25.6	8.19	6.72	0.34		
T6-1m	3/11/08	1033	0.12	3.8	1.10	15.4	0.06	0.8	8.4	237	0.16	5.0	7.1	100				0.14	34.78	24.7	8.11	6.53	0.35		
T6-1m	6/9/08	1055	0.10	3.2	0.44	6.2	0.16	2.2	19.8	557	0.26	8.2	5.4	76				0.1	34.578	25.1	8.11	5.77	0.21		
Geomear FY '08			3.6		8.8		0.6				7.9		93					0.11					0.21		
T6-1m	9/23/08	1151	0.02	0.5	0.37	5.2	0.51	7.1	3.0	84	0.30	9.3	5.1	72				0.10	34.787	27.0	8.09	6.50	0.13		
T6-1m	12/8/08	1055	0.18	5.5	0.42	5.9	1.20	16.8	3.9	109	0.37	11.5	5.3	74				0.08	34.900	26.0	8.32	5.76	0.04		
T6-1m	2/10/09	949	0.17	5.3	2.61	36.6	0.18	2.5	15.4	432	0.22	6.9	7.0	98				0.17	34.814	24.6	8.06	6.04	0.05		
T6-1m	6/30/09	1041	0.25	7.8	0.57	8	0.28	3.9	5.8	162	0.43	13.3	4.7	67				0.09	34.828	26.7	8.21	6.15	0.08		
Geomear FY '09			3.3		9.7		5.8				10.0		77					0.11					0.07		
T6-1m	9/10/09	1045	0.10	3.1	0.39	5.5	0.71	9.9	11.6	327	0.52	16	5.7	80				0.08	35.17	27.5	8.21	5.74	0.25		
T6-1m	#####	1009	0.02	0.766	0.35	4.9	0.07	1	30.8	864	0.29	9.1	5.0	70				0.06	35.20	25.1	8.24	6.48	0.10		
T6-1m	2/24/10	1043	0.15	4.5	0.31	4.4	0.39	5.5	3.4	95	0.36	11	7.4	104				0.08	34.78	24.6	8.22	5.57	0.20		
T6-1m	5/26/10	959	0.02	0.6	0.40	5.6	0.35	4.9	4.4	124	0.21	6.6	7.2	102				0.04	34.73	25.1	8.28	6.85	0.09		
Geomear FY '10			1.6		5.1		4.0				10.1		88					0.06					0.15		
T6-1m	8/11/10	1018	0.07	2.3	1.09	15.2	0.21	2.9	9.1	255	0.36	11.3	4.1	57				0.05	34.75	25.93	8.22	6.77	0.11		
T6-1m	11/9/10	1014	0.05	1.4	0.37	5.2	0.21	3.0	7.2	203	0.42	13	5.9	83				0.12	34.90	26.37	8.28	6.21	0.08		
T6-1m	1/11/11	1242	0.18	5.6	2.11	29.5	0.11	1.5	14.6	409	0.44	13.5	3.9	55				0.06	34.82	24.80	8.25	6.48	0.15		
T6-1m	4/27/11	1016	0.15	4.7	0.46	6.5	0.15	2.1	8.0	225	0.46	14.2	3.4	48				0.06	34.82	24.82	8.23	6.39	0.19		
Geomear FY '11			3.0		11.1		2.3				13.0		59					0.07					0.13		

NELHA Water Quality Laboratory

Transect 6, Station 1

7/26/1993 - 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		
T6-1m	7/27/11	1101	0.18	5.7	0.26	3.6	0.13	1.8	2.0	57	0.50	15.4	3.3	47				0.05	34.77	25.97	8.23	6.65	0.11		
T6-1m	#####	1043	0.06	1.8	0.34	4.8	0.15	2.1	3.3	92	0.37	11.6	4.0	56				0.05	35.10	26.55	8.27	7.16	0.11		
T6-1m	1/26/12	1007	0.08	2.6	0.53	7.4	0.01	0.1	5.6	157	0.36	11.1	3.6	50				0.07	34.91	24.43	8.20	6.67	0.11		
T6-1m	4/25/12	1028	0.16	5.1	0.69	9.6	0.36	5.1	6.3	176	0.48	14.9	5.3	74				0.06	34.76	24.88	8.20	6.88	0.14		
Geomear FY '12			3.4		5.9		1.2				13.1		56					0.06					0.12		
T6-1m	7/25/12	1027	0.05	1.5	0.46	6.5	0.41	5.8	3.6	100	0.42	12.9	5.1	71				0.09	34.99	26.45	8.27	7.65	0.10		
T6-1m	#####	1025	0.11	3.4	1.10	15.4	0.27	3.8	6.1	171	0.54	16.6	6.8	96				0.05	35.08	25.13	8.20	6.70	0.15		
T6-1m	1/24/13	1012	0.12	3.7	1.05	14.7	0.11	1.6	5.7	160	0.49	15.1	5.8	81				0.03	34.95	24.72	8.23	6.51	0.10		
T6-1m	4/24/13	936	0.22	6.95	2.11	29.5	0.14	1.95	6.3	176	0.57	17.8	9.2	129				0.07	34.87	24.84	8.21	6.73	0.12		
Geomear FY '13			3.4		14.4		2.9				15.5		92					0.06					0.12		
T6-1m	8/6/13	1100	0.14	4.3	1.94	27.2	0.39	5.5	10.3	288	0.67	20.7	5.9	82				0.07	34.97	26.2	8.22	7.49	0.20		
T6-1m	#####	1005	0.15	4.6	0.41	5.7	0.14	1.9	2.8	80	0.49	15.2	6.4	89				0.02	34.90	27.0	8.22	5.97	0.14		
T6-1m	2/5/14	1032	0.16	5.1	0.60	8.4	0.47	6.6	3.3	93	0.44	13.6	4.3	61				0.02	34.97	25.2	8.20	6.58	0.04		
T6-1m	5/7/14	1026	0.11	3.5	0.41	5.7	0.31	4.4	2.5	69	0.45	14.0	6.3	88				0.02	34.76	25.7	8.20	5.65	0.12		
Geomear FY '14			4.3		9.3		4.2				15.6		79					0.03					0.11		
T6-1m	8/6/14	1018	0.18	5.7	0.62	8.7	0.54	7.6	4.1	114	0.50	15.6	5.1	71				0.04	34.84	26.6	8.24	6.10	0.15		
T6-1m	12/4/14	1057	0.17	5.2	1.64	23.0	0.61	8.5	8.7	244	0.52	16.2	7.9	111				0.05	34.71	25.9	8.26	6.51	0.02		
T6-1m	3/5/15	1102	0.13	4.0	2.55	35.7	0.25	3.5	9.5	266	0.39	12.1	8.7	122				0.10	34.54	25.1	8.27	6.90	0.16		
T6-1m	6/18/15	1028	0.16	5.1	2.61	36.6	0.47	6.6	10.1	285	0.25	7.7	12.3	173				0.06	34.18	26.5	8.21	6.89	0.17		
Geomear FY '15			5.0		22.6		6.2				12.4		113					0.06					0.10		
T6-1m	8/27/15	1030	0.16	5.0	0.54	7.5	0.27	3.8	5.1	142	0.19	6.0	5.3	74				0.02	34.60	28.3	8.27	6.16	0.20		
T6-1m	#####	1101	0.18	5.5	0.57	8.0	0.48	6.7	5.3	148	0.53	16.5	5.3	74				0.08	34.63	27.4	8.27	6.73	0.15		
T6-1m	3/2/16	944	0.15	4.8	0.31	4.3	0.48	6.7	0.2	7	0.48	14.9	4.0	56				0.11	34.75	25.3	8.26	5.84	0.09		
T6-1m	5/4/16	1040	0.09	2.9	0.99	13.8	0.15	2.1	5.1	142	0.35	10.8	6.0	84				0.06	34.51	25.8	8.18	6.12	0.17		
Geomear FY '16			4.4		7.7		4.4				11.2		71					0.06					0.15		
T6-1m	7/7/16	1043	0.18	5.7	0.89	12.5	0.43	6.0	8.9	250	0.52	16.1	5.2	73				0.09	34.38	26.4	8.32	6.65	0.13		
T6-1m	#####	1102	0.08	2.4	0.42	5.9	0.27	3.8	2.7	77	0.36	11.1	3.8	53				0.03	34.61	25.6	8.28	5.87	0.12		
T6-1m	3/1/17	1150	0.05	1.5	0.89	12.4	0.17	2.4	6.0	170	0.32	9.9	4.5	63				0.10	34.58	24.5	8.25	5.85	0.16		
T6-1m	5/10/17	1140	0.05	1.4	0.23	3.2	0.25	3.5	2.2	62	0.26	8.0	3.8	53				0.10	34.82	25.9	8.22	4.22	0.05		
Geomear FY '17			2.3		7.4		3.7				10.9		60					0.07					0.11		

NELHA Water Quality Laboratory

Transect 6, Station 1

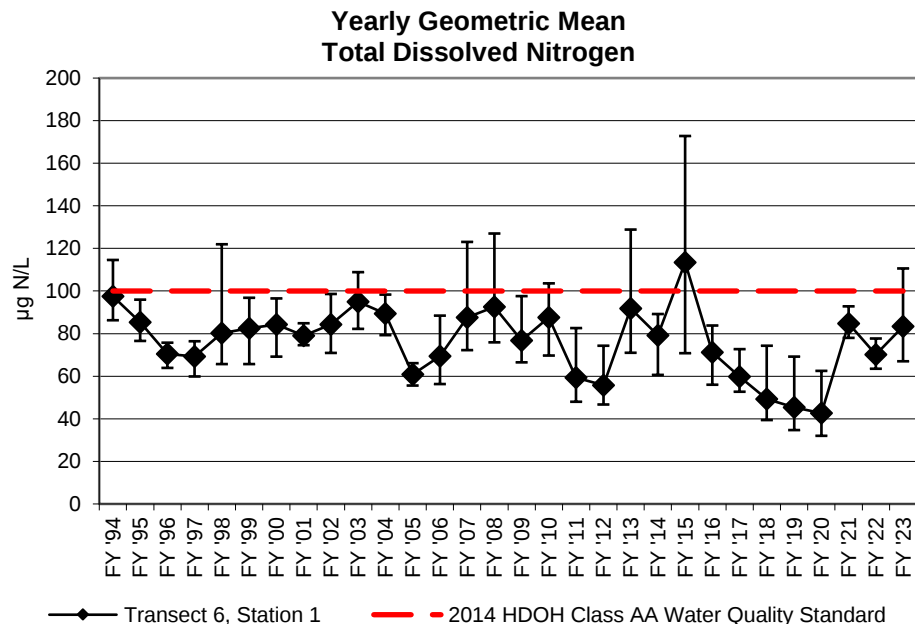
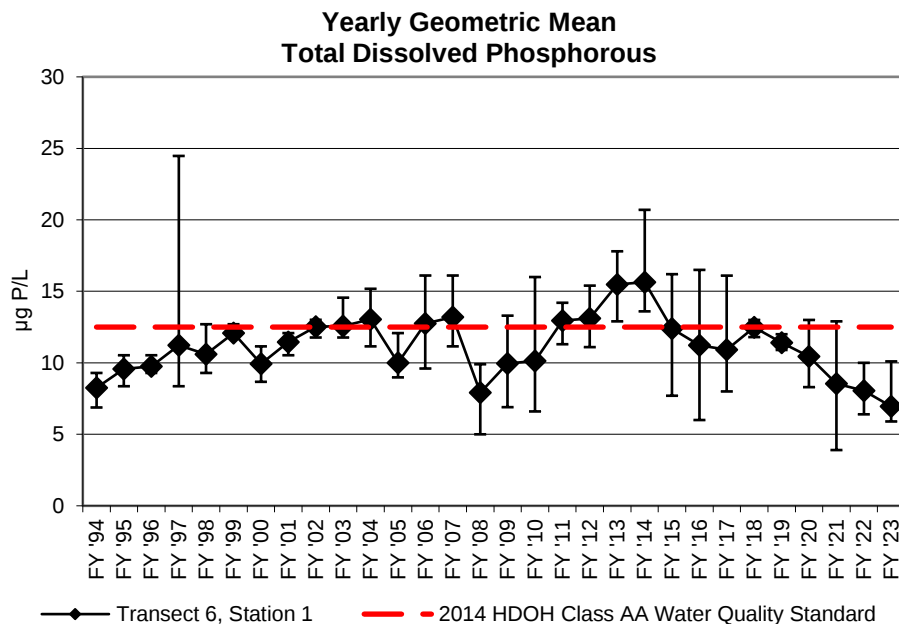
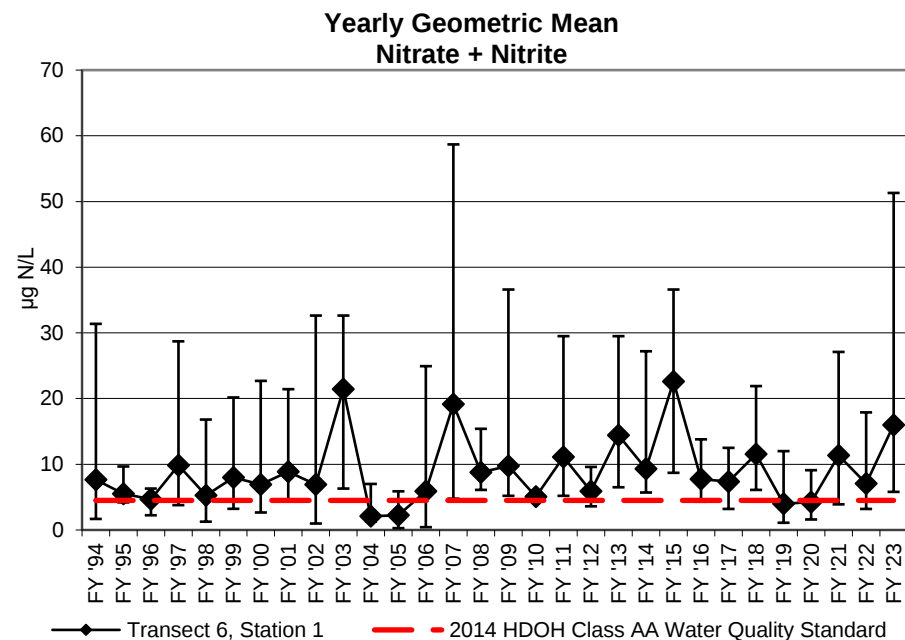
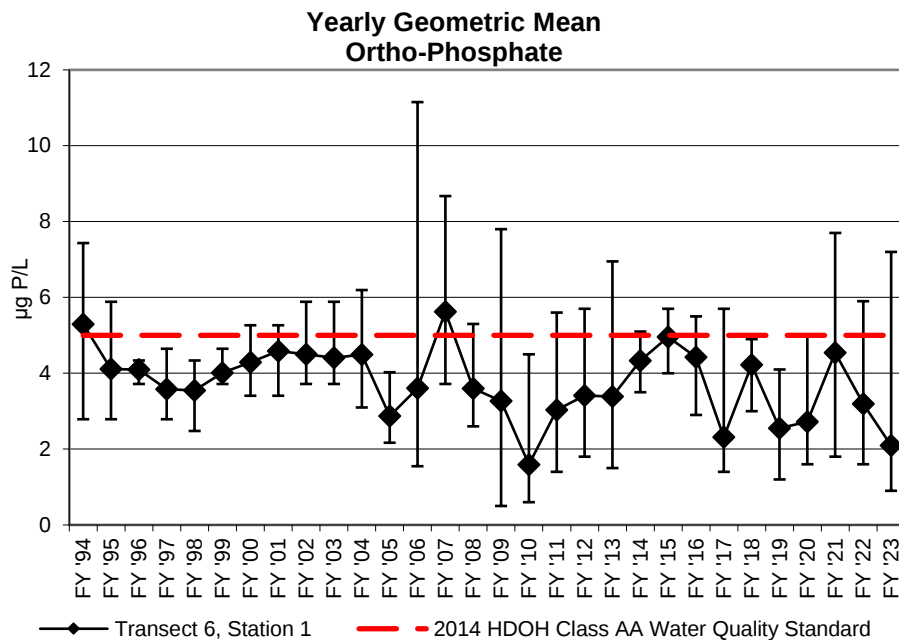
7/26/1993 - 7/10/2025

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		
T6-1m	9/28/17	1033	0.16	4.9	0.56	7.8	0.39	5.5	4.3	122	0.41	12.6	3.3	46				0.10	34.67	27.6	8.18	4.84	0.22		
T6-1m	#####	1019	0.16	4.9	1.56	21.9	0.61	8.5	7.6	212	0.41	12.6	5.3	74				0.08	35.00	26.2	8.24	5.59	0.16		
T6-1m	2/6/18	1110	0.10	3.0	0.44	6.1	0.52	7.3	3.6	102	0.38	11.8	2.8	39				0.11	34.75	24.8	8.16	5.79	0.10		
T6-1m	5/17/18	1034	0.14	4.4	1.23	17.2	0.26	3.6	10.2	288	0.42	13.0	3.1	44				0.09	34.50	26.0	8.16	6.53	0.14		
Geomear FY '18			4.2		11.6		5.9				12.5		49					0.09					0.15		
T6-1m	9/26/18	1324	0.04	1.2	0.08	1.1	0.26	3.6	4.5	125	0.35	10.9	2.9	40				0.09	34.58	27.8	8.16	4.73	0.15		
T6-1m	#####	1129	0.08	2.6	0.86	12.0	0.48	6.7	3.2	89	0.36	11.0	4.9	69				0.10	34.77	27.3	8.22	6.58	0.20		
T6-1m	1/23/19	1113	0.11	3.3	0.35	4.9	0.20	2.8	4.4	123	0.38	11.8	2.5	35				0.10	34.83	24.9	8.19	5.08	0.20		
T6-1m	4/17/19	1108	0.13	4.1	0.29	4.0	0.20	2.8	2.0	55	0.39	12.0	3.1	44				0.06	34.67	25.7	8.13	7.07	0.10		
Geomear FY '19			2.5		4.0		3.7				11.4		45					0.09					0.16		
T6-1m	8/15/19	1036	0.05	1.7	0.11	1.6	0.14	2.0	4.7	133	0.31	9.5	2.3	32				0.11	35.19	28.2	8.27	6.78	0.14		
T6-1m	#####	1149	0.13	4.0	0.34	4.7	0.75	10.5	1.3	37	0.37	11.6	2.8	40				0.11	35.15	27.6	8.23	6.84	0.13		
T6-1m	1/23/20	1058	0.16	5.0	0.65	9.1	0.06	0.9	6.6	185	0.42	13.0	4.5	63				0.25	34.76	24.8	8.22	7.07	0.15		
T6-1m	6/25/20	1018	0.05	1.6	0.34	4.8	0.15	2.1	3.4	97	0.27	8.3	3.0	42				0.06	35.44	26.0	8.18	6.61	0.21		
Geomear FY '20			2.7		4.3		2.5				10.4		43					0.12					0.15		
T6-1m	9/23/20	1036	0.18	5.6	0.28	3.9	0.49	6.9	2.3	65	0.42	12.9	6.2	87				0.07	36.08	26.0	8.19	5.62	0.16		
T6-1m	#####	1039	0.18	5.5	1.02	14.3	0.38	5.3	5.8	163	0.28	8.8	6.6	93				0.10	35.48	26.5	8.10	6.70	0.21		
T6-1m	3/10/21	1048	0.25	7.7	1.93	27.1	0.29	4.1	8.0	224	0.39	12.0	5.9	82				0.07	35.53	24.7	8.08	6.80	0.16		
T6-1m	5/25/21	1226	0.06	1.8	0.78	10.9	0.13	1.8	5.5	155	0.13	3.9	5.6	78				0.05	35.56	25.8	8.07	7.06	0.17		
Geomear FY '21			4.5		11.3		4.1				8.5		85					0.07					0.17		
T6-1m	9/24/21	1110	0.05	1.6	0.42	5.9	0.26	3.6	2.1	59	0.21	6.4	5.1	71				0.12	35.45	26.7	8.02	6.89	0.13		
T6-1m	#####	1028	0.12	3.8	0.53	7.4	0.29	4.1	2.6	73	0.26	8.0	4.9	69				0.08	35.05	26.0	8.11	6.77	0.21		
T6-1m	3/16/22	1108	0.19	5.9	1.28	17.9	0.03	0.4	7.6	214	0.32	10.0	5.5	78				0.07	34.69	25.5	8.07	7.01	0.20		
T6-1m	6/9/22	1007	0.09	2.9	0.23	3.2	0.44	6.2	0.6	17	0.26	8.2	4.5	64				0.11	34.47	26.3	8.03	6.93	0.12		
Geomear FY '22			3.2		7.1		2.5				8.0		70					0.09					0.16		
T6-1m	9/22/22	1012	0.03	0.9	0.64	9.0	0.24	3.4	3.9	109	0.19	5.9	5.1	71				0.20	34.81	27.1	8.09	6.86	0.20		
T6-1m	#####	1153	0.08	2.5	1.73	24.3	0.23	3.2	8.8	247	0.20	6.2	6.5	91				0.05	34.68	25.7	8.15	7.01	0.26		
T6-1m	3/16/23	944	0.23	7.2	3.66	51.3	0.31	4.4	16.1	453	0.33	10.1	7.9	111				0.12	34.20	24.4	8.06	7.09	0.31		
T6-1m	6/1/23	1025	0.04	1.2	0.41	5.8	0.12	1.7	1.6	45	0.20	6.3	4.8	67				0.27	34.69	25.8	8.09	6.92	0.17		
Geomear FY '23			2.1		16.0		3.0				6.9		83					0.14					0.23		

NELHA Water Quality Laboratory

Transect 6, Station 1

7/26/1993 - 7/10/2025

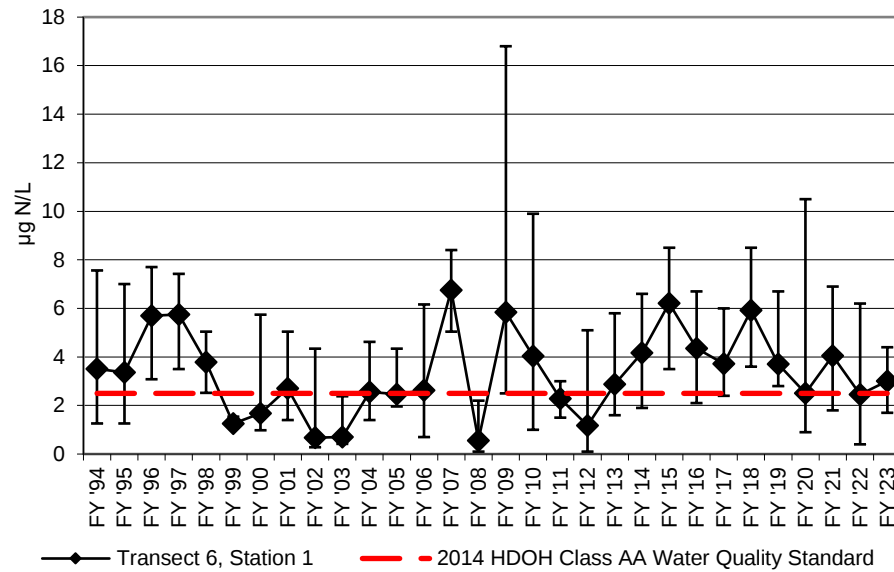


NELHA Water Quality Laboratory

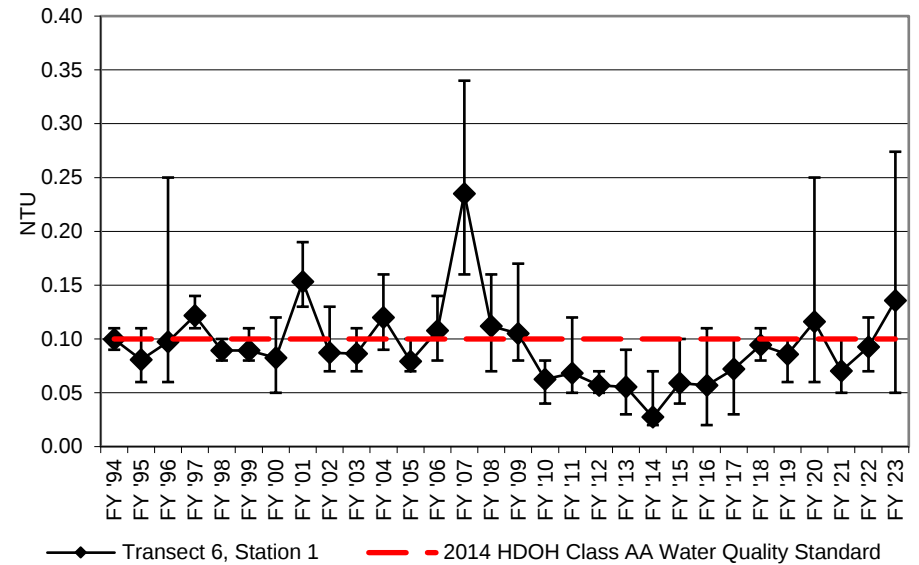
Transect 6, Station 1

7/26/1993 - 7/10/2025

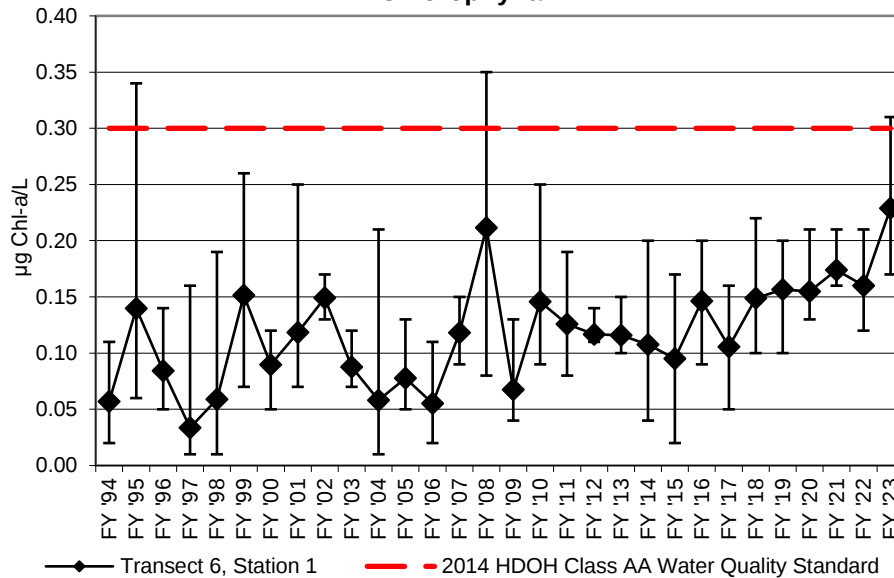
**Yearly Geometric Mean
Total Ammonia**



**Yearly Geometric Mean
Turbidity**



**Yearly Geometric Mean
Chlorophyll-a**



NELHA Water Quality Laboratory

Transect 6, Station 2

7/26/1993 - 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		0.1					0.3
O6-2S-23r	7/26/93	1152	0.13	4.0	0.15	2.1	0.40	5.6	3.4	96					0.07	34.430	27.0			
O6-2S-23r	12/6/93	935	0.08	2.5	0.28	3.9	0.09	1.3	3.2	90					0.11	34.795	25.8			
O6-2S-23r	3/7/94	904	0.22	6.8	0.45	6.3	0.17	2.4	6.1	171					0.08	34.156	24.9			
O6-2S-23r	6/15/94	904	0.22	6.8	0.38	5.3	0.12	1.7	4.0	111					0.11	34.499	25.6			
Geomean FY '94			4.6		4.1		2.3								0.09					
O6-2S-23r	9/9/94	853	0.08	2.5	0.27	3.8	0.21	2.9	4.9	138					0.13	34.488	27.6			
O6-2S-23r	11/14/94	807	0.15	4.6	0.66	9.2	0.61	8.5	8.8	246					0.08	34.461	26.0			
O6-2S-23r	3/22/95	836	0.16	5.0	0.18	2.5	0.35	4.9	4.0	112					0.08	34.179	25.1			
O6-2S-23r	6/20/95	830	0.12	3.7	0.23	3.2	0.12	1.7	3.6	101					0.08	34.399	26.2			
Geomean FY '95			3.8		4.1		3.8								0.09					
O6-2S-23r	9/26/95	933	0.14	4.3	0.63	8.8	0.53	7.4	9.7	273					0.17	34.310	27.0			
O6-2S-23r	11/14/95	1108	0.11	3.4	0.29	4.1	0.49	6.9	4.3	121					0.11	34.271	26.9			
O6-2S-23r	3/12/96	1132	0.15	4.6	0.18	2.5	0.50	7.0	3.8	107					0.08	34.145	25.4			
O6-2S-23r	5/14/96	1126	0.12	3.7	0.27	3.8	0.19	2.7	6.9	194					0.11	34.212	27.4			
Geomean FY '96			4.0		4.3		5.6								0.11					
O6-2S-23r	7/31/96	1155	0.15	4.6	2.11	29.6	0.53	7.4	26.2	736					0.14	33.604	27.8			
O6-2S-23r	10/2/96	1127	0.09	2.8	0.81	11.3	0.45	6.3	11.9	333					0.13	34.319	28.4			
O6-2S-23r	1/7/97	1134	0.08	2.5	0.09	1.3	0.23	3.2	3.7	103					0.08	34.670	25.7			
O6-2S-23r	4/28/97	1153	0.12	3.7	0.31	4.3	0.45	6.3	5.7	161					0.10	34.328	26.5			
Geomean FY '97			3.3		6.5		5.6								0.11					
O6-2S-23r	8/19/97	1132	0.09	2.8	0.38	5.3	0.22	3.1	7.9	220					0.15	34.471	27.1			
O6-2S-23r	10/7/97	1037	0.11	3.4	0.13	1.8	0.37	5.2	4.1	114					0.10	34.678	27.6			
O6-2S-23r	3/4/98	1209	0.12	3.7	0.76	10.6	0.25	3.5	15.9	446					0.09	34.729	25.1			
O6-2S-23r	5/5/98	1158	0.14	4.3	1.24	17.4	0.29	4.1	18.3	514					0.14	34.528	24.4			
Geomean FY '98			3.5		6.5		3.9								0.12					
O6-2S-23r	7/7/98	1217	0.14	4.3	0.87	12.2	0.07	1.0	13.2	371					0.09	34.698	26.3			
O6-2S-23r	10/6/98	1126	0.10	3.1	0.42	5.9	0.10	1.4	5.1	143					0.08	34.989	27.1			
O6-2S-23r	1/19/99	1202	0.11	3.4	0.77	10.8	0.18	2.5	12.5	351					0.10	34.874	25.1			
O6-2S-23r	4/12/99	1208	0.12	3.7	0.20	2.8	0.11	1.5	4.5	126					0.08	34.631	24.2			
Geomean FY '99			3.6		6.8		1.5								0.09					

NELHA Water Quality Laboratory

Transect 6, Station 2

7/26/1993 - 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		0.1					0.3
O6-2S-23r	7/6/99	1235	0.10	3.1	0.28	3.9	0.05	0.7	7.6	212					0.14	34.802	25.7			
O6-2S-23r	10/4/99	1255	0.12	3.7	0.26	3.6	0.13	1.8	3.3	92					0.14	34.956	26.3			
O6-2S-23r	1/12/00	1203	0.16	5.0	1.37	19.2	0.41	5.7	20.6	579					0.15	34.518	24.8			
O6-2S-23r	4/11/00	1100	0.11	3.4	0.51	7.1	0.06	0.8	9.1	255					0.07	34.658	24.4			
Geomean	FY '00		3.7			6.7	1.6								0.12					
O6-2S-23r	7/25/00	1219	0.11	3.4	0.33	4.6	0.10	1.4	7.2	201					0.14	34.716	26.7			
O6-2S-23r	10/31/00	1205	0.13	4.0	0.42	5.9	0.08	1.1	10.1	285					0.13	34.736	26.9			
O6-2S-23r	3/6/01	1150	0.17	5.3	0.26	3.6	0.12	1.7	6.2	174					0.14	34.621	24.9			
O6-2S-23r	5/7/01	1250	0.16	5.0	1.53	21.4	0.38	5.3	17.7	498					0.16	34.373	24.7			
Geomean	FY '01		4.3			6.8	1.9								0.14					
O6-2S-23r	8/14/01	1055	0.12	3.7	0.14	2.0	0.31	4.3	3.9	109					0.19	34.814	26.8			
O6-2S-23r	10/30/01	1106	0.13	4.0	0.47	6.6	0.03	0.4	4.7	133					0.10	34.911	26.7			
O6-2S-23r	3/6/02	1109	0.27	8.4	3.13	43.8	0.08	1.1	51.3	1441					0.08	33.836	24.3			
O6-2S-23r	4/15/02	1128	0.17	5.3	2.05	28.7	0.07	1.0	12.4	348					0.08	34.168	25.5			
Geomean	FY '02			5.1		11.3	1.2								0.11					
O6-2S-23r	7/10/02	1117	0.09	2.8	1.73	24.2	0.18	2.5	12.6	355					0.11	34.368	26.2			
O6-2S-23r	10/8/02	1110	0.10	3.1	1.91	26.8	0.06	0.8	13.0	364					0.08	34.594	27.1			
O6-2S-23r	3/12/03	1010	0.11	3.4	0.38	5.3	0.03	0.4	5.4	151					0.09	34.646	25.0			
O6-2S-23r	4/23/03	1117	0.15	4.6	1.17	16.4	0.03	0.4	11.3	318					0.12	34.705	24.9			
Geomean	FY '03		3.4			15.4	0.8								0.10					
O6-2S-23r	8/21/03	1054	0.09	2.8	0.06	0.8	0.10	1.4	4.5	126					0.08	34.770	28.5			
O6-2S-23r	11/3/03	1035	0.12	3.7	0.13	1.8	0.26	3.6	5.0	140					0.10	34.628	27.5			
O6-2S-23r	3/18/04	1046	0.18	5.6	1.54	21.6	0.35	4.9	13.7	384					n/a	34.031	25.4			
O6-2S-23r	5/24/04	1058	0.14	4.3	0.12	1.7	0.20	2.8	5.2	147					n/a	33.32	26.7			
Geomean	FY '04		4.0		2.7			2.9							0.09					
O6-2S-23r	9/22/04	1133	0.08	2.5	0.01	0.1	0.27	3.8	2.4	67					0.09	30.76	27.9			
O6-2S-23r	11/29/04	1040	0.09	2.8	0.35	4.9	0.13	1.8	4.5	127					0.07	33.62	27.0			
O6-2S-23r	1/24/05	1117	0.10	3.1	0.64	9.0	0.12	1.7	8.3	232					0.07	34.730	25.5			
O6-2S-23r	4/13/05	1124	0.20	6.2	0.43	6.0	0.18	2.5	9.2	258					0.12	34.457	25.1			
Geomean	FY '05		3.4		2.5		2.3								0.09					

NELHA Water Quality Laboratory

Transect 6, Station 2

7/26/1993 - 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		0.1					0.3
O6-2S-23r	7/21/05	1058	0.08	2.5	0.41	5.7	0.45	6.3	8.7	243					0.13	34.767	27.4			
O6-2S-23r	10/13/05	1031	0.06	1.9	0.12	1.7	0.16	2.2	3.5	98					0.11	34.864	27.4			
O6-2S-23r	3/15/06	958	0.10	3.1	0.60	8.4	0.40	5.6	8.0	224					0.10	34.649	24.3			
O6-2S-23r	5/17/06	1038	0.17	5.3	1.98	27.7	0.07	1.0	16.6	466					0.13	34.191	24.9			
Geomean FY '06			2.9		6.9		3.0								0.12					
O6-2S-23r	8/16/06	1047	0.11	3.4	0.35	4.9	0.35	4.9	3.1	87					0.14	34.518	26.8			
O6-2S-23r	11/20/06	1040	0.19	5.9	1.83	25.6	0.52	7.3	15.4	433					0.16	34.352	26.6			
O6-2S-23r	2/12/07	1141	0.27	8.4	2.01	28.2	0.55	7.7	13.2	371					0.24	34.015	24.6			
O6-2S-23r	4/16/07	1121	0.21	6.5	2.26	31.7	0.47	6.6	16.4	461					0.17	34.225	26.5			
Geomean FY '07			5.7		18.3		6.5								0.17					
T6-10m	9/27/07	1020	0.17	5.2	0.64	9.0	0.15	2.1	4.9	138	0.33	10.1	5.7	80	0.13	34.707	26.7	8.10	6.37	0.07
T6-10m	12/14/07	1028	0.12	3.6	0.44	6.1	0.00		4.9	138	0.38	11.9	5.9	83	0.10	34.566	25.6	8.18	6.70	0.31
T6-10m	3/11/08	1035	0.13	4.0	1.23	17.2	0.06	0.8	21.3	598	0.29	9.1	7.6	107	0.09	34.680	24.7	8.1	6.57	0.29
T6-10m	6/9/08	1102	0.09	2.9	0.35	4.9	0.16	2.2	17.4	489	0.25	7.8	4.7	66	0.08	34.553	25.1	8.12	5.8	0.13
Geomean FY '08			3.8		8.2		1.5				9.6		82		0.10					0.17
T6-10m	9/23/08	1157	0.03	1	0.43	6	0.47	6.6	3.5	98	0.34	10.4	5.8	82	0.08	34.755	26.9	8.10	6.43	0.11
T6-10m	12/8/08	1058	0.16	5	0.36	5.1	0.34	4.7	3.8	106	0.27	8.3	4.9	68	0.06	34.899	26.1	8.31	5.71	0.04
T6-10m	2/10/09	954	0.15	4.8	1.76	24.7	0.18	2.5	12.3	344	0.32	9.8	11.9	167	0.15	34.724	24.8	8.05	6.11	0.07
T6-10m	6/30/09	1045	0.27	8.3	0.41	5.8	0.12	1.7	4.6	129	0.47	14.6	5.1	72	0.34	34.862	26.7	8.20	6.28	0.12
Geomean FY '09			3.8		8.1		3.4				10.5		91		0.13					0.08
T6-10m	9/10/09	1054	0.16	5.1	0.41	5.7	0.24	3.4	7.0	197	0.57	17.6	6.1	85	0.11	35.26	27.2	8.22	5.70	0.3
T6-10m	11/24/09	1013	0.02	0.766	0.30	4.2	0.10	1.4	5.2	145	0.27	8.5	4.8	68	0.04	35.20	25.1	8.25	6.51	0.12
T6-10m	2/24/10	1047	0.14	4.3	0.27	3.8	0.32	4.5	3.6	102	0.12	3.7	8.7	121	0.07	34.78	24.6	8.22	5.61	0.11
T6-10m	5/26/10	1004	0.02	0.7	0.39	5.4	0.28	3.9	13.1	367	0.19	6	4.4	61	0.05	34.73	25.1	8.28	6.88	0.07
Geomean FY '10			1.9		4.7		3.0				7.6		81		0.06					0.13
T6-10m	8/11/10	1022	0.05	1.7	0.67	9.4	0.20	2.8	8.6	241	0.32	9.9	3.5	50	0.09	34.84	26.01	8.23	9.92	0.11
T6-10m	11/9/10	1018	0.05	1.5	0.36	5	0.26	3.6	3.4	96	0.37	11.6	5.0	71	0.09	34.88	26.40	8.28	6.20	0.06
T6-10m	1/11/11	1245	0.13	4.1	0.61	8.5	0.20	2.8	11.2	314	0.42	12.9	3.6	51	0.03	34.91	25.01	8.25	6.51	0.09
T6-10m	4/27/11	1020	0.15	4.6	0.44	6.1	0.20	2.8	9.8	275	0.43	13.4	3.6	50	0.07	34.79	24.84	8.23	6.44	0.19
Geomean FY '11			2.6		7.0		3.0				11.9		55		0.06					0.10

NELHA Water Quality Laboratory

Transect 6, Station 2

7/26/1993 - 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		0.1					0.3
T6-10m	7/27/11	1105	0.18	5.6	0.26	3.7	0.09	1.3	2.1	60	0.47	14.5	3.3	47	0.10	34.77	25.99	8.23	6.59	0.11
T6-10m	10/19/11	1047	0.06	1.9	0.34	4.8	0.15	2.1	3.2	89	0.34	10.5	3.9	55	0.08	35.08	26.54	8.25	7.11	0.12
T6-10m	1/26/12	1011	0.08	2.4	0.41	5.8	0.09	1.3	4.7	132	0.34	10.5	3.8	54	0.03	34.94	24.44	8.20	6.76	0.12
T6-10m	4/25/12	1030	0.16	5	0.69	9.7	0.27	3.8	6.9	194	0.46	14.1	5.2	73	0.09	34.77	24.87	8.19	6.79	0.06
Geomean	FY '12		3.4		5.6		1.9				12.3		56		0.07					0.10
T6-10m	7/25/12	1030	0.05	1.6	0.41	5.8	0.41	5.8	3.5	98	0.56	17.4	8.7	121	0.12	35.01	26.49	8.27	7.53	0.15
T6-10m	11/28/12	1030	0.11	3.4	1.00	14	0.23	3.2	5.7	161	0.43	13.2	4.8	67	0.05	35.12	25.14	8.20	6.75	0.19
T6-10m	1/24/13	1015	0.12	3.7	1.06	14.8	0.14	1.9	5.7	161	0.44	13.7	5.1	71	0.02	34.98	24.72	8.22	6.40	0.09
T6-10m	4/24/13	940	0.22	6.85	2.10	29.35	0.16	2.25	6.9	194	0.53	16.5	6.6	93	0.04	34.91	24.89	8.21	6.73	0.12
Geomean	FY '13		3.4		13.7		3.0				15.1		86		0.05					0.13
T6-10m	8/6/13	1102	0.14	4.2	1.72	24.1	0.38	5.3	10.2	288	0.34	10.6	6.7	94	0.08	34.83	26.2	8.20	7.50	0.12
T6-10m	10/30/13	1009	0.15	4.6	0.47	6.6	0.25	3.5	3.0	84	0.43	13.4	5.2	72	0.03	34.89	27.0	8.22	5.92	0.08
T6-10m	2/5/14	1036	0.14	4.3	0.49	6.8	0.47	6.6	2.8	79	0.42	13.0	5.3	74	0.02	34.99	25.2	8.20	6.55	0.16
T6-10m	5/7/14	1029	0.14	4.2	0.41	5.7	0.32	4.5	2.4	67	0.40	12.5	6.3	88	0.04	34.78	25.7	8.20	5.57	0.11
Geomean	FY '14		4.3		8.9		4.8				12.3		82		0.04					0.11
T6-10m	8/6/14	1022	0.17	5.3	0.51	7.1	0.44	6.2	3.4	95	0.53	16.3	4.8	67	0.08	34.85	26.6	8.23	6.16	0.04
T6-10m	12/4/14	1101	0.18	5.6	2.33	32.6	0.54	7.6	10.8	304	0.52	16.1	8.0	112	0.07	34.81	26.1	8.26	6.55	0.21
T6-10m	3/5/15	1109	0.09	2.7	1.51	21.2	0.55	7.7	6.0	168	0.36	11.1	7.2	100	0.08	34.69	25.3	8.27	6.91	0.15
T6-10m	6/18/15	1034	0.15	4.7	2.51	35.1	0.44	6.2	11.6	325	0.24	7.3	9.7	135	0.08	34.11	26.5	8.21	6.89	0.12
Geomean	FY '15		4.4		20.4		6.9				12.1		101		0.08					0.11
T6-10m	8/27/15	1036	0.16	4.9	0.44	6.1	0.43	6.0	18.0	505	0.39	12.2	4.4	61	0.02	34.64	28.3	8.28	6.14	0.21
T6-10m	11/18/15	1107	0.17	5.3	0.84	11.7	0.41	5.7	7.2	202	0.48	14.8	6.4	90	0.07	34.63	27.4	8.27	6.70	0.17
T6-10m	3/2/16	948	0.15	4.6	0.34	4.7	0.33	4.6	1.2	35	0.48	14.9	5.1	71	0.09	34.75	25.2	8.26	5.79	0.11
T6-10m	5/4/16	1046	0.12	3.7	0.59	8.3	0.24	3.4	5.2	145	0.49	15.1	4.7	66	0.09	34.54	25.8	8.19	6.14	0.18
Geomean	FY '16		4.6		7.3		4.8				14.2		71		0.06					0.16
T6-10m	7/7/16	1049	0.15	4.8	0.42	5.9	0.59	8.3	8.5	238	0.46	14.2	3.6	51	0.09	34.38	26.6	8.32	6.75	0.20
T6-10m	12/21/16	1115	0.05	1.5	0.26	3.7	0.06	0.9	1.9	54	0.35	10.7	3.3	46	0.03	34.62	25.6	8.29	5.86	0.13
T6-10m	3/1/17	1155	0.05	1.5	0.77	10.8	0.09	1.2	5.7	159	0.31	9.7	5.2	73	0.10	34.60	24.6	8.26	5.83	0.18
T6-10m	5/10/17	1144	0.05	1.4	0.20	2.8	0.16	2.2	2.0	55	0.23	7.2	2.6	37	0.07	34.84	25.8	8.24	4.25	0.09
Geomean	FY '17		2.0		5.1		2.1				10.1		50		0.07					0.14

NELHA Water Quality Laboratory

Transect 6, Station 2

7/26/1993 - 7/10/2025

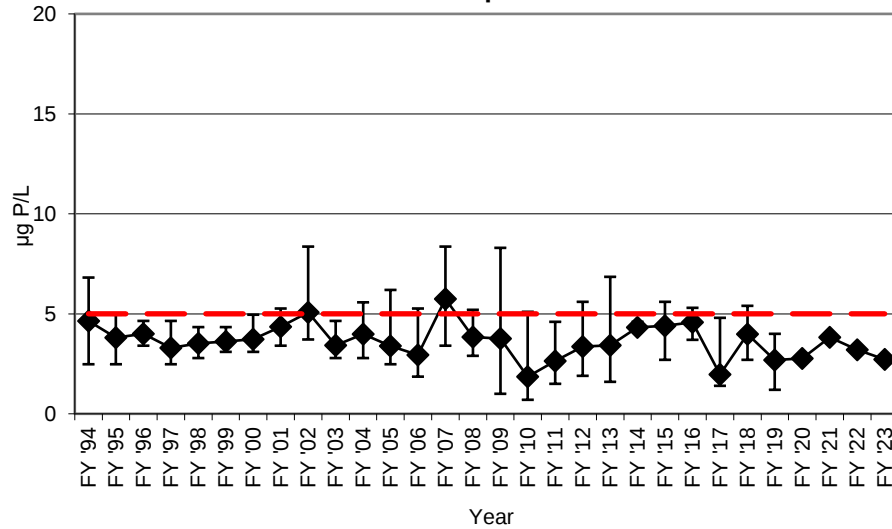
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.1					0.3
T6-10m	9/28/17	1039	0.17	5.4	0.46	6.5	0.27	3.8	3.8	107	0.39	12.2	3.8	54	0.10	34.72	27.6	8.18	4.76	0.20
T6-10m	11/30/17	1023	0.12	3.7	0.73	10.2	0.54	7.5	3.9	110	0.36	11.3	3.1	43	0.10	35.12	26.2	8.24	5.66	0.17
T6-10m	2/6/18	1115	0.09	2.7	0.28	3.9	0.46	6.5	2.8	79	0.34	10.4	1.9	26	0.16	34.72	24.8	8.16	5.83	0.11
T6-10m	5/17/18	1039	0.15	4.7	1.58	22.2	0.23	3.2	11.2	314	0.42	12.9	5.0	70	0.07	34.49	25.8	8.17	6.42	0.12
Geomean	FY '18		4.0		8.7		4.9				11.7		45		0.10					0.15
T6-10m	9/26/18	1329	0.04	1.2	0.16	2.3	0.16	2.2	1.4	38	0.35	10.7	3.2	45	0.10	34.67	27.7	8.15	4.75	0.13
T6-10m	11/14/18	1133	0.10	3.1	1.61	22.5	0.48	6.7	6.9	195	0.35	10.9	6.3	89	0.10	34.71	27.3	8.22	6.54	0.26
T6-10m	1/23/19	1118	0.11	3.5	0.55	7.7	0.10	1.4	5.3	149	0.37	11.6	4.8	68	0.10	34.77	24.9	8.19	5.09	0.18
T6-10m	4/17/19	1112	0.13	4.0	0.32	4.5	0.25	3.5	2.2	61	0.36	11.2	2.5	35	0.04	34.67	25.7	8.13	7.03	0.10
Geomean	FY '19		2.7		6.5		2.9				11.1		55		0.08					0.16
T6-10m	8/15/19	1041	0.05	1.6	0.03	0.4	0.08	1.1	4.6	130	0.31	9.6	2.1	30	0.12	35.20	28.2	8.27	6.66	0.13
T6-10m	11/20/19	1155	0.13	3.9	0.28	3.9	0.51	7.2	1.3	38	0.40	12.4	2.7	38	0.08	35.15	27.6	8.24	6.97	0.13
T6-10m	1/23/20	1101	0.15	4.5	0.56	7.8	0.09	1.2	6.3	178	0.40	12.5	4.0	56	0.15	34.78	24.8	8.24	7.05	0.20
T6-10m	6/25/20	1022	0.07	2.1	0.14	2.0	0.20	2.8	2.8	79	0.30	9.4	2.8	39	0.06	35.48	26.0	8.18	6.55	0.21
Geomean	FY '20		2.8		2.2		2.3				10.9		40		0.10					0.16
T6-10m	9/23/20	1040	0.19	6.0	0.28	3.9	0.51	7.2	2.3	65	0.35	10.7	5.6	78	0.05	36.09	26.0	8.18	5.64	0.21
T6-10m	12/16/20	1045	0.15	4.7	0.37	5.2	0.37	5.2	1.6	44	0.28	8.6	5.6	79	0.08	35.54	26.6	8.11	6.69	0.17
T6-10m	3/10/21	1054	0.14	4.2	0.81	11.4	0.33	4.6	4.6	130	0.37	11.6	4.5	63	0.05	35.53	24.6	8.09	6.85	0.14
T6-10m	5/25/21	1222	0.06	1.8	0.59	8.2	0.16	2.3	4.5	127	0.14	4.4	5.3	75	0.10	35.57	25.8	8.07	7.02	0.15
Geomean	FY '21		3.8		6.6		4.5				8.3		73		0.07					0.17
T6-10m	9/24/21	1117	0.05	1.7	0.39	5.5	0.31	4.4	1.9	53	0.19	5.8	5.2	72	0.09	35.45	26.7	8.03	6.90	0.13
T6-10m	12/16/21	1033	0.12	3.8	0.62	8.7	0.24	3.3	3.4	94	0.26	8.2	5.6	79	0.08	35.05	25.9	8.11	6.68	0.21
T6-10m	3/16/22	1113	0.16	4.9	1.12	15.7	0.14	1.9	7.1	201	0.32	9.8	5.4	76	0.11	34.67	25.5	8.07	7.03	0.21
T6-10m	6/9/22	1012	0.11	3.3	0.19	2.6	0.34	4.8	0.5	15	0.27	8.4	4.6	65	0.10	34.47	26.3	8.03	6.89	0.13
Geomean	FY '22		3.2		6.6		3.4				7.9		73		0.09					0.17
T6-10m	9/22/22	1018	0.08	2.5	0.40	5.6	0.24	3.3	2.5	70	0.16	5.0	5.2	73	0.17	34.81	27.1	8.09	6.88	0.21
T6-10m	12/27/22	1157	0.08	2.5	1.02	14.3	0.23	3.2	5.8	162	0.16	5.1	6.1	86	0.09	34.82	25.9	8.15	7.04	0.23
T6-10m	3/16/23	948	0.22	6.7	3.31	46.3	0.32	4.5	14.5	406	0.23	7.2	5.2	73	0.11	34.32	24.5	8.06	7.06	0.33
T6-10m	6/1/23	1031	0.04	1.3	0.47	6.6	0.04	0.6	3.1	88	0.22	6.9	5.2	72	0.13	34.69	25.7	8.10	6.93	0.19
Geomean	FY '23		2.7		12.5		2.3				6.0		76		0.12					0.23

NELHA Water Quality Laboratory

Transect 6, Station 2

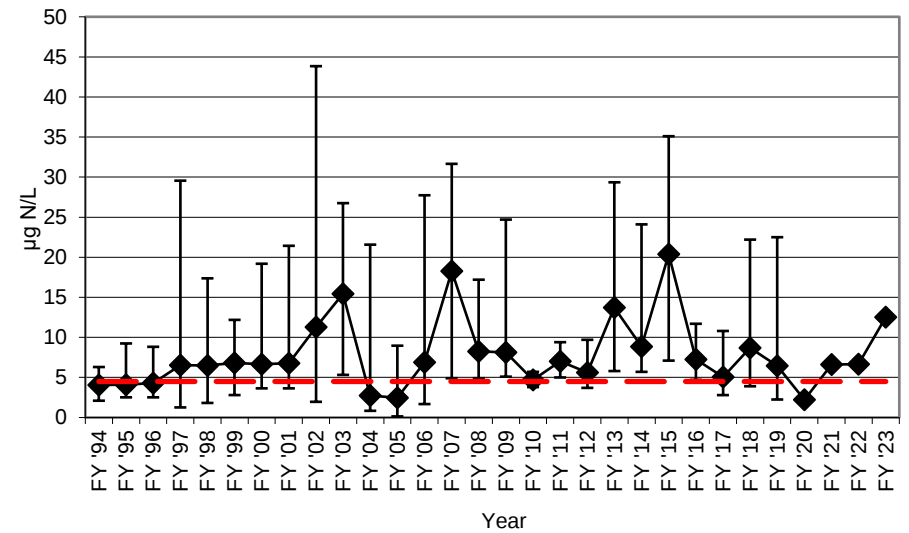
7/26/1993 - 7/10/2025

**Yearly Geometric Mean
Ortho-Phosphate**



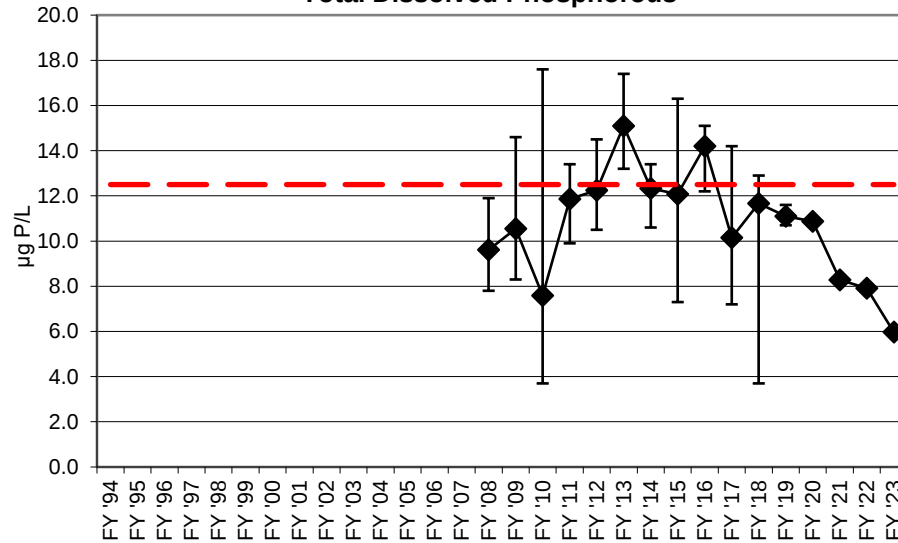
Transect 6, Station 2 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Nitrate + Nitrite**



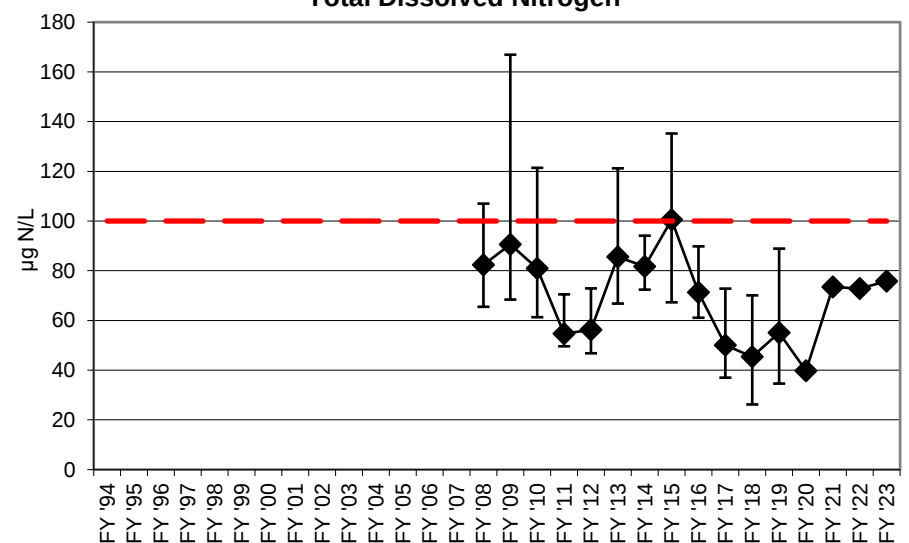
Transect 6, Station 2 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Total Dissolved Phosphorous**



Transect 6, Station 2 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Total Dissolved Nitrogen**



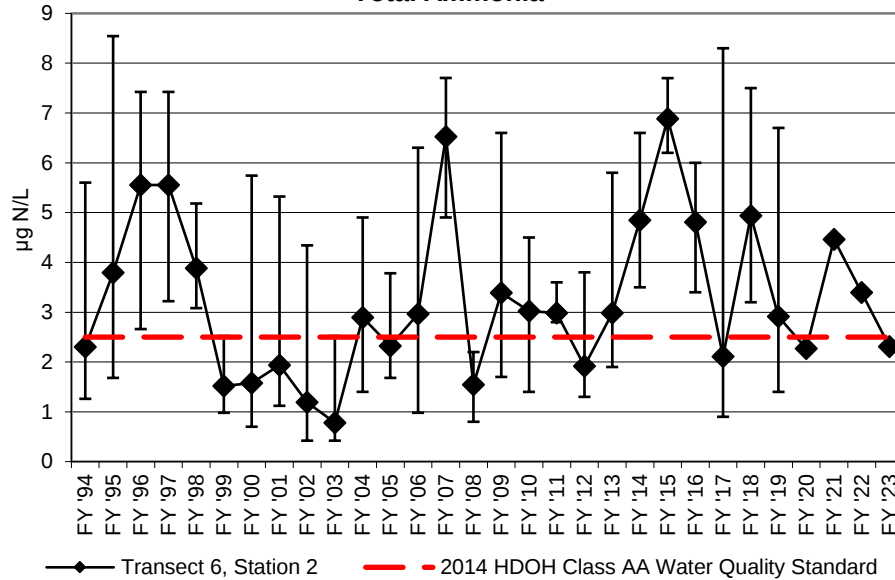
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NELHA Water Quality Laboratory

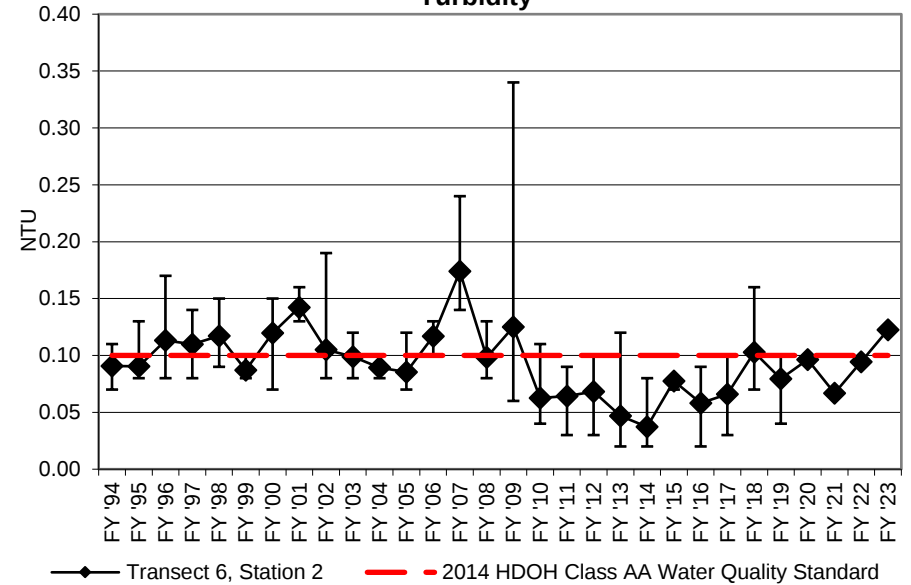
Transect 6, Station 2

7/26/1993 - 7/10/2025

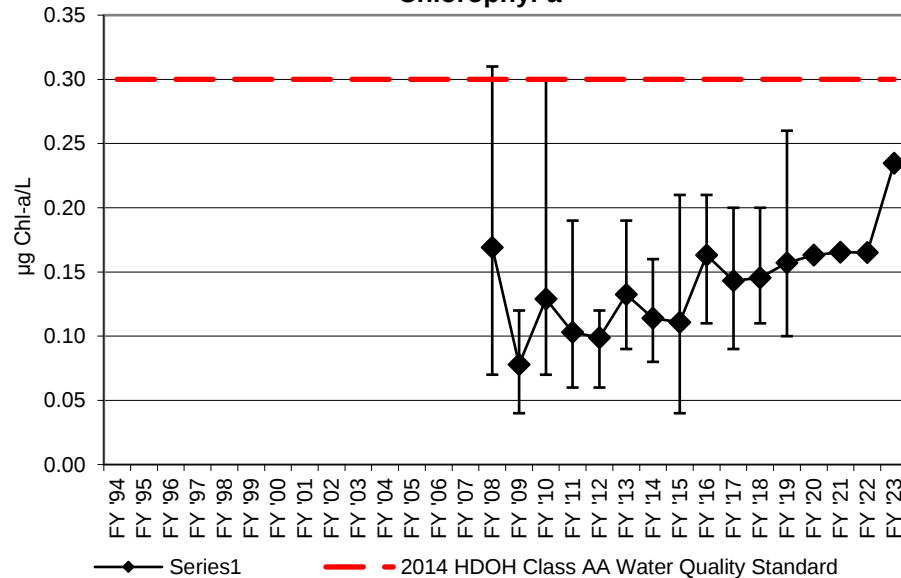
**Yearly Geometric Mean
Total Ammonia**



**Yearly Geometric Mean
Turbidity**



**Yearly Geometric Mean
Chlorophyll-a**



NELHA Water Quality Laboratory

Transect 6, Station 3

7/26/1993 - 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)	(o/oo)	(°C)		(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-3S-38n	7/26/93	1141	0.11	3.4	0.11	1.5	0.33	4.6	2.3	65					0.06	34.432	27.0			
O6-3S-38n	12/6/93	926	0.07	2.2	0.44	6.2	0.13	1.8	4.0	112					0.09	34.763	25.7			
O6-3S-38n	3/7/94	856	0.22	6.8	0.80	11.2	0.22	3.1	10.3	288					0.09	34.014	24.9			
O6-3S-38n	6/15/94	901	0.21	6.5	0.25	3.5	0.12	1.7	4.0	112					0.09	34.481	25.6			
Geomean FY '94			4.3		4.4		2.6								0.08					
O6-3S-38n	9/9/94	849	0.08	2.5	0.33	4.6	0.18	2.5	5.7	160					0.11	34.476	27.5			
O6-3S-38n	11/14/94	803	0.15	4.6	0.67	9.4	0.55	7.7	8.9	251					0.09	34.446	26.0			
O6-3S-38n	3/22/95	828	0.16	5.0	0.26	3.6	0.32	4.5	4.9	139					0.09	34.143	25.1			
O6-3S-38n	6/20/95	828	0.12	3.7	0.23	3.2	0.14	2.0	3.8	106					0.07	34.398	26.2			
Geomean FY '95			3.8		4.7		3.6								0.09					
O6-3S-38n	9/26/95	941	0.13	4.0	0.78	10.9	0.47	6.6	12.0	338					0.13	34.221	27.0			
O6-3S-38n	11/14/95	1103	0.12	3.7	0.32	4.5	0.58	8.1	4.8	133					0.09	34.256	26.9			
O6-3S-38n	3/12/96	1127	0.14	4.3	0.19	2.7	0.50	7.0	3.8	107					0.06	34.135	25.5			
O6-3S-38n	5/14/96	1121	0.13	4.0	0.37	5.2	0.22	3.1	7.7	217					0.08	34.161	27.4			
Geomean FY '96			4.0		5.1		5.8								0.09					
O6-3S-38n	7/31/96	1150	0.13	4.0	1.61	22.6	0.51	7.1	21.2	596					0.10	33.799	27.7			
O6-3S-38n	10/2/96	1123	0.08	2.5	0.58	8.1	0.43	6.0	9.2	259					0.15	34.400	28.4			
O6-3S-38n	1/7/97	1128	0.08	2.5	0.10	1.4	0.23	3.2	4.3	120					0.10	34.670	25.7			
O6-3S-38n	4/28/97	1150	0.23	7.1	0.58	8.1	0.49	6.9	16.0	449					0.11	34.218	26.4			
Geomean FY '97			3.6		6.8		5.6								0.11					
O6-3S-38n	8/19/97	1128	0.08	2.5	0.45	6.3	0.21	2.9	9.0	252					0.12	34.427	27.0			
O6-3S-38n	10/7/97	1032	0.11	3.4	0.11	1.5	0.38	5.3	5.8	163					0.10	34.673	27.6			
O6-3S-38n	3/4/98	1203	0.12	3.7	0.67	9.4	0.25	3.5	10.3	289					0.13	34.746	25.2			
O6-3S-38n	5/5/98	1154	0.12	3.7	0.84	11.8	0.31	4.3	12.8	359					0.09	34.734	24.3			
Geomean FY '98			3.3		5.7		3.9								0.11					
O6-3S-38n	7/7/98	1211	0.14	4.3	1.08	15.1	0.02	0.3	16.0	450					0.10	34.628	26.3			
O6-3S-38n	10/6/98	1120	0.13	4.0	0.88	12.3	0.11	1.5	11.3	317					0.08	34.819	27.2			
O6-3S-38n	1/19/99	1157	0.10	3.1	0.76	10.6	0.08	1.1	11.2	315					0.10	34.867	25.1			
O6-3S-38n	4/12/99	1203	0.12	3.7	0.15	2.1	0.14	2.0	4.4	125					0.07	34.634	24.2			
Geomean FY '99			3.8		8.0		1.0								0.09					

NELHA Water Quality Laboratory

Transect 6, Station 3

7/26/1993 - 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
O6-3S-38n	7/6/99	1229	0.10	3.1	0.28	3.9	0.05	0.7	7.3	206					0.12	34.827	25.7			
O6-3S-38n	10/4/99	1250	0.12	3.7	0.25	3.5	0.11	1.5	3.9	108					0.10	34.927	26.4			
O6-3S-38n	1/12/00	1157	0.16	5.0	1.63	22.8	0.46	6.4	28.9	810					0.08	34.351	24.9			
O6-3S-38n	4/11/00	1055	0.11	3.4	0.58	8.1	0.06	0.8	13.6	382					0.10	34.625	24.5			
Geomean FY '00			3.7		7.1		1.6								0.10					
O6-3S-38n	7/25/00	1215	0.11	3.4	0.19	2.7	0.05	0.7	10.4	293					0.08	34.775	26.7			
O6-3S-38n	10/31/00	1159	0.13	4.0	0.45	6.3	0.28	3.9	10.6	298					0.08	34.721	27.0			
O6-3S-38n	3/6/01	1145	0.18	5.6	0.24	3.4	0.06	0.8	5.6	158					0.07	34.674	24.8			
O6-3S-38n	5/7/01	1246	0.17	5.3	1.58	22.1	0.33	4.6	19.1	537					0.12	34.367	24.7			
Geomean FY '01			4.5		5.9		1.8								0.09					
O6-3S-38n	8/14/01	1050	0.12	3.7	0.15	2.1	0.32	4.5	3.8	107					0.14	34.811	26.7			
O6-3S-38n	10/30/01	1100	0.14	4.3	0.60	8.4	0.02	0.3	5.5	155					0.07	34.888	26.7			
O6-3S-38n	3/6/02	1106	0.24	7.4	2.85	39.9	0.08	1.1	20.8	584					0.12	34.060	24.2			
O6-3S-38n	4/15/02	1123	0.18	5.6	1.93	27.0	0.04	0.6	12.3	345					0.09	34.167	25.6			
Geomean FY '02			5.1		11.7		0.9								0.10					
O6-3S-38n	7/10/02	1112	0.11	3.4	2.00	28.0	0.18	2.5	14.3	401					0.10	34.304	26.2			
O6-3S-38n	10/8/02	1106	0.14	4.3	1.81	25.4	0.06	0.8	13.8	386					0.09	34.547	27.0			
O6-3S-38n	3/12/03	1004	0.14	4.3	0.70	9.8	0.03	0.4	8.7	245					0.10	34.527	25.0			
O6-3S-38n	4/23/03	1114	0.14	4.3	0.93	13.0	0.03	0.4	10.5	294					0.08	34.709	24.9			
Geomean FY '03			4.1		17.4		0.8								0.09					
O6-3S-38n	8/21/03	1045	0.08	2.5	0.03	0.4	0.10	1.4	4.1	115					0.07	34.770	28.4			
O6-3S-38n	11/3/03	1029	0.13	4.0	0.17	2.4	0.23	3.2	6.0	169					0.12	34.597	27.4			
O6-3S-38n	3/18/04	1040	0.18	5.6	1.12	15.7	0.37	5.2	11.8	331					n/a	34.075	25.5			
O6-3S-38n	5/24/04	1053	0.17	5.3	0.24	3.4	0.16	2.2	4.7	131					n/a	33.25	26.8			
Geomean FY '04			4.1		2.7		2.7								0.09					
O6-3S-38n	9/22/04	1128	0.08	2.5	0.01	0.1	0.36	5.0	2.5	69					0.09	33.66	27.8			
O6-3S-38n	11/29/04	1036	0.08	2.5	0.29	4.1	0.11	1.5	3.8	106					0.07	33.64	26.9			
O6-3S-38n	1/24/05	1112	0.10	3.1	0.74	10.4	0.18	2.5	9.4	264					0.09	34.587	25.7			
O6-3S-38n	4/13/05	1119	0.14	4.3	0.28	3.9	0.13	1.8	5.8	161					0.09	34.381	25.0			
Geomean FY '05			3.0		2.2		2.4								0.08					

NELHA Water Quality Laboratory

Transect 6, Station 3

7/26/1993 - 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
O6-3S-38n	7/21/05	1053	0.06	1.9	0.32	4.5	0.35	4.9	12.8	358					0.12	34.631	27.4			
O6-3S-38n	10/13/05	1026	0.06	1.9	0.11	1.5	0.20	2.8	3.6	101					0.11	34.928	27.4			
O6-3S-38n	3/15/06	952	0.11	3.4	0.74	10.4	0.38	5.3	9.2	258					0.08	34.630	24.3			
O6-3S-38n	5/17/06	1035	0.09	2.8	0.07	1.0	0.05	0.7	2.0	56					0.13	34.672	24.9			
Geomean FY '06			2.4		2.9		2.7								0.11					
O6-3S-38n	8/16/06	1042	0.11	3.4	0.36	5.0	0.36	5.0	3.0	85					0.14	34.596	26.8			
O6-3S-38n	11/20/06	1035	0.26	8.1	2.56	35.9	0.56	7.8	20.7	581					0.22	34.150	26.6			
O6-3S-38n	2/12/07	1136	0.21	6.5	2.14	30.0	0.65	9.1	14.3	402					0.34	33.991	24.5			
O6-3S-38n	4/16/07	1117	0.21	6.5	2.52	35.3	0.41	5.7	20.9	587					0.20	34.335	26.7			
Geomean FY '07			5.8		20.9		6.7								0.21					
T6-50m	9/27/07	1010	0.16	5.1	0.38	5.3	0.03	0.4	8.4	235	0.33	10.1	7.1	100	0.10	34.785	26.7	8.10	6.39	0.11
T6-50m	12/14/07	1031	0.12	3.7	1.02	14.3	0.00		9.2	259	0.42	13.1	5.9	83	0.08	34.398	25.7	8.18	6.96	0.3
T6-50m	3/11/08	1037	0.12	3.7	0.79	11.0	0.06	0.8	13.0	366	0.27	8.4	6.9	96	0.11	34.720	24.7	8.1	6.59	0.29
T6-50m	6/9/08	1104	0.11	3.3	0.48	6.7	0.16	2.2	19.9	559	0.27	8.4	5.8	81	0.15	34.5592	25.2	8.12	5.79	0.2
Geomean FY '08			3.9		8.6		0.9				9.8		90		0.11					0.21
T6-50m	9/23/08	1204	0.03	0.8	0.19	2.6	0.37	5.2	2.3	64	0.29	9.1	4.8	68	0.07	34.786	26.9	8.08	6.40	0.15
T6-50m	12/8/08	1105	0.18	5.6	0.95	13.3	0.44	6.1	8.2	231	0.32	9.9	6.6	92	0.12	34.671	26.2	8.31	5.46	0.07
T6-50m	2/10/09	958	0.09	2.9	0.76	10.7	0.18	2.5	6.8	191	0.26	8	8.3	116	0.08	34.847	24.7	8.06	6.10	0.07
T6-50m	6/30/09	1050	0.23	7.2	0.44	6.1	0.44	6.2	5.0	142	0.46	14.1	4.3	60	0.24	34.785	26.8	8.22	6.36	0.11
Geomean FY '09			3.1		6.9		4.7				10.0		81		0.11					0.09
T6-50m	9/10/09	1102	0.13	3.9	0.46	6.5	0.30	4.2	6.7	189	0.58	18.0	6.3	88	0.10	35.02	27.4	8.20	5.70	0.17
T6-50m	11/24/09	1020	0.02	0.766	0.39	5.4	0.14	1.9	25.6	719	0.28	8.7	5.2	73	0.04	35.18	25.1	8.26	6.61	0.13
T6-50m	2/24/10	1050	0.12	3.8	0.09	1.2	0.36	5	7.4	208	0.28	8.8	7.6	107	0.08	34.78	24.6	8.23	5.61	0.27
T6-50m	5/26/10	1011	0.02	0.6	0.33	4.6	0.16	2.2	4.8	134	0.27	8.4	6.4	90	0.10	34.73	25.1	8.28	6.91	0.09
Geomean FY '10			1.6		3.7		3.1				10.4		88		0.08					0.15
T6-50m	8/11/10	1027	0.05	1.5	0.58	8.1	0.05	0.7	5.1	142	0.29	8.9	2.9	41	0.05	34.92	25.98	8.22	6.64	0.10
T6-50m	11/9/10	1022	0.05	1.7	0.51	7.1	0.16	2.3	10.0	281	0.40	12.4	4.8	67	0.09	34.85	26.38	8.29	6.26	0.04
T6-50m	1/11/11	1249	0.15	4.8	0.87	12.2	0.15	2.1	17.3	486	0.51	15.7	4.5	64	0.04	34.96	25.00	8.25	6.49	0.11
T6-50m	4/27/11	1023	0.16	5.1	0.56	7.9	0.19	2.7	22.6	635	0.43	13.3	3.9	54	0.09	34.77	24.84	8.23	6.48	0.17
Geomean FY '11			2.8		8.6		1.7				12.3		55		0.06					0.09

NELHA Water Quality Laboratory

Transect 6, Station 3

7/26/1993 - 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
T6-50m	7/27/11	1109	0.19	5.8	0.26	3.6	0.10	1.4	2.7	75	0.48	14.9	4.0	56	0.07	34.76	26.06	8.23	6.42	0.10
T6-50m	10/19/11	1051	0.06	1.8	0.30	4.2	0.28	3.9	3.1	88	0.36	11.2	4.1	58	0.04	35.08	26.54	8.26	7.12	0.14
T6-50m	1/26/12	1016	0.08	2.6	0.56	7.8	0.15	2.1	5.8	163	0.36	11.2	3.4	48	0.07	34.90	24.42	8.20	6.69	0.14
T6-50m	4/25/12	1032	0.18	5.6	0.94	13.2	0.35	4.9	9.5	267	0.43	13.4	3.9	55	0.07	34.65	24.79	8.20	6.94	0.08
Geomean	FY '12		3.5		6.3		2.7				12.6		54		0.06					0.11
T6-50m	7/25/12	1041	0.03	0.8	0.23	3.2	0.21	2.9	2.4	68	0.42	12.9	4.7	67	0.16	35.06	26.49	8.24	6.74	0.20
T6-50m	11/28/12	1034	0.15	4.8	2.23	31.3	0.28	3.9	13.5	380	0.46	14.4	6.2	86	0.02	34.79	25.06	8.20	6.85	0.22
T6-50m	1/24/13	1020	0.10	3.2	0.65	9.1	0.15	2.1	5.0	141	0.45	13.8	5.0	70	0.02	34.97	24.76	8.23	6.48	0.07
T6-50m	4/24/13	946	0.22	6.7	1.87	26.2	0.16	2.3	9.5	267	0.55	16.95	5.6	79	0.03	34.92	24.91	8.22	6.73	0.10
Geomean	FY '13		3.0		12.4		2.7				14.4		75		0.04					0.13
T6-50m	8/6/13	1107	0.15	4.7	1.91	26.8	0.43	6.0	11.9	333	0.39	12.1	7.0	98	0.02	34.90	26.2	8.21	7.41	0.14
T6-50m	10/30/13	1014	0.15	4.8	0.47	6.6	0.21	2.9	3.2	89	0.56	17.2	6.2	87	0.03	34.89	27.0	8.22	5.81	0.15
T6-50m	2/5/14	1039	0.15	4.5	0.34	4.7	0.33	4.6	2.4	68	0.43	13.4	4.2	59	0.02	35.00	25.2	8.20	6.56	0.13
T6-50m	5/7/14	1034	0.13	4.0	0.50	7.0	0.30	4.2	6.2	173	0.42	12.9	5.4	76	0.08	34.72	25.8	8.20	5.57	0.13
Geomean	FY '14		4.5		8.7		4.3				13.8		79		0.03					0.14
T6-50m	8/6/14	1026	0.20	6.2	0.84	11.7	0.52	7.3	5.1	143	0.51	15.9	5.3	75	0.07	34.80	26.7	8.24	6.29	0.18
T6-50m	12/4/14	1107	0.19	5.8	1.91	26.7	0.85	11.9	11.2	314	0.58	18.1	8.9	125	0.07	34.82	26.2	8.26	6.99	0.29
T6-50m	3/5/15	1116	0.10	3.2	2.21	30.9	0.31	4.3	10.8	302	0.39	12.2	7.1	99	0.07	34.44	25.3	8.30	6.90	0.16
T6-50m	6/18/15	1041	0.21	6.4	2.68	37.5	0.43	6.0	12.5	350	0.46	14.2	8.5	120	0.08	34.06	26.5	8.21	6.99	0.18
Geomean	FY '15		5.2		24.5		6.9				14.9		103		0.07					0.20
T6-50m	8/27/15	1041	0.17	5.4	0.17	2.4	0.19	2.6	4.2	117	0.40	12.4	4.8	67	0.02	34.67	28.5	8.28	6.03	0.17
T6-50m	11/18/15	1114	0.19	6.0	0.89	12.4	2.11	29.5	6.0	170	0.43	13.3	6.9	97	0.08	34.61	27.4	8.29	6.96	0.24
T6-50m	3/2/16	953	0.13	3.9	0.34	4.7	0.25	3.5	1.3	37	0.50	15.4	7.7	108	0.09	34.72	25.2	8.25	5.84	0.11
T6-50m	5/4/16	1051	0.14	4.3	0.56	7.8	0.33	4.6	5.7	161	0.26	8.0	4.5	63	0.09	34.53	25.8	8.19	6.15	0.20
Geomean	FY '16		4.8		5.7		5.9				11.9		82		0.06					0.17
T6-50m	7/7/16	1054	0.13	3.9	0.27	3.8	0.51	7.2	6.5	182	0.46	14.3	3.0	42	0.10	34.47	26.7	8.32	6.75	0.26
T6-50m	12/21/16	1125	0.05	1.4	0.29	4.0	0.36	5.1	2.8	80	0.36	11.0	4.4	62	0.04	34.62	25.6	8.28	5.98	0.13
T6-50m	3/1/17	1200	0.03	1.0	0.64	8.9	0.08	1.1	5.1	142	0.15	4.6	5.3	74	0.08	34.61	24.6	8.25	5.83	0.18
T6-50m	5/10/17	1149	0.05	1.4	0.18	2.5	0.10	1.4	1.7	48	0.22	6.8	4.4	61	0.09	34.83	25.8	8.24	4.15	0.15
Geomean	FY '17		1.7		4.3		2.7				8.4		58		0.07					0.17

NELHA Water Quality Laboratory

Transect 6, Station 3

7/26/1993 - 7/10/2025

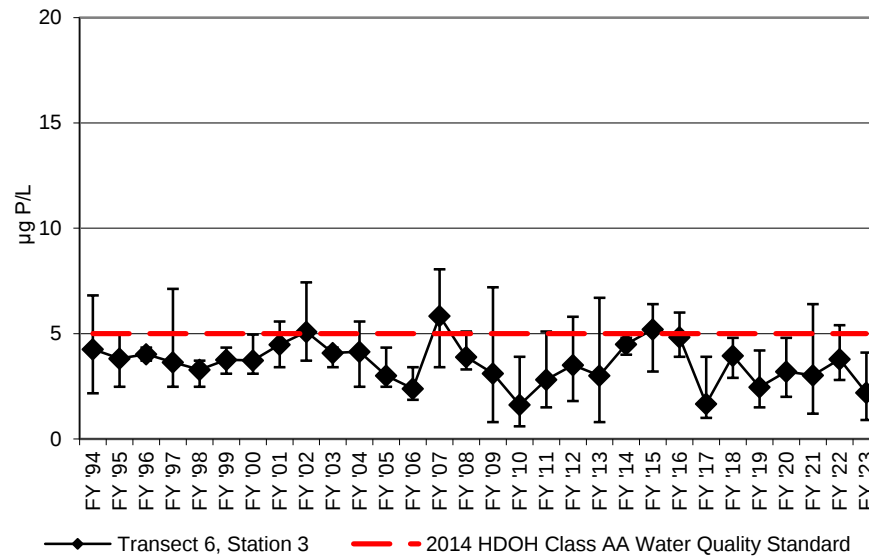
SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T6-50m	9/28/17	1045	0.13	4.0	0.33	4.6	0.20	2.8	1.7	49	0.39	12.1	2.1	29	0.06	34.81	27.7	8.18	4.64	0.14
T6-50m	11/30/17	1028	0.14	4.4	1.24	17.3	0.59	8.2	6.8	190	0.40	12.4	3.8	53	0.07	35.02	26.2	8.24	5.65	0.22
T6-50m	2/6/18	1121	0.09	2.9	0.36	5.1	0.46	6.5	3.8	106	0.35	10.7	4.3	61	0.11	34.75	24.8	8.17	5.85	0.12
T6-50m	5/17/18	1044	0.15	4.8	1.47	20.6	0.21	2.9	11.1	312	0.40	12.3	3.5	49	0.06	34.55	25.8	8.17	6.46	0.16
Geomean	FY '18		4.0		9.6		4.6				11.9		46		0.07					0.16
T6-50m	9/26/18	1335	0.05	1.5	0.16	2.3	0.11	1.5	2.2	61	0.37	11.5	3.3	46	0.10	34.66	27.6	8.16	4.50	0.12
T6-50m	11/14/18	1139	0.05	1.7	0.49	6.9	0.19	2.7	1.4	38	0.34	10.6	5.6	78	0.09	34.87	27.3	8.20	6.18	0.27
T6-50m	1/23/19	1123	0.11	3.4	0.49	6.8	0.17	2.4	5.6	156	0.39	12.1	2.5	35	0.08	34.78	24.9	8.18	5.13	0.20
T6-50m	4/17/19	1120	0.14	4.2	0.39	5.4	0.23	3.2	2.8	77	0.39	12.0	2.5	35	0.07	34.67	25.7	8.13	7.07	0.12
Geomean	FY '19		2.5		4.9		2.4				11.5		46		0.08					0.17
T6-50m	8/15/19	1048	0.06	2.0	0.08	1.1	0.09	1.3	5.2	146	0.33	10.3	2.1	30	0.10	35.20	28.2	8.28	6.67	0.16
T6-50m	11/20/19	1201	0.11	3.3	0.12	1.7	0.33	4.6	0.7	20	0.41	12.8	4.0	56	0.08	35.18	27.6	8.23	6.67	0.15
T6-50m	1/23/20	1106	0.15	4.8	0.49	6.8	0.41	5.7	5.6	157	0.43	13.3	4.0	56	0.21	34.77	24.8	8.25	7.07	0.14
T6-50m	6/25/20	1027	0.11	3.3	0.14	1.9	0.19	2.7	3.9	110	0.32	9.8	2.6	36	0.07	35.42	26.1	8.19	6.69	0.21
Geomean	FY '20		3.2		2.2		3.1				11.4		43		0.10					0.16
T6-50m	9/23/20	1046	0.19	6.0	0.22	3.1	0.56	7.8	1.5	42	0.40	12.5	5.5	78	0.06	36.08	26.1	8.19	5.68	0.19
T6-50m	12/16/20	1052	0.21	6.4	0.77	10.8	0.33	4.6	4.8	135	0.31	9.7	6.6	93	0.09	35.49	26.5	8.11	6.70	0.20
T6-50m	3/10/21	1059	0.04	1.2	0.89	12.5	0.34	4.7	6.7	189	0.37	11.4	4.4	62	0.05	35.48	24.7	8.10	7.02	0.19
T6-50m	5/25/21	1216	0.06	1.8	0.59	8.2	0.34	4.7	4.9	138	0.13	3.9	5.7	80	0.10	35.55	25.7	8.07	7.06	0.11
Geomean	FY '21		3.0		7.7		5.3				8.6		77		0.07					0.17
T6-50m	9/24/21	1123	0.09	2.8	0.73	10.2	0.37	5.2	4.4	124	0.20	6.3	5.7	80	0.10	35.37	26.7	8.03	6.92	0.15
T6-50m	12/16/21	1037	0.13	4.1	0.53	7.4	0.21	3.0	2.9	81	0.26	8.1	6.7	94	0.10	35.08	26.0	8.11	6.65	0.22
T6-50m	3/16/22	1120	0.17	5.4	1.41	19.8	0.24	3.3	9.8	276	0.32	9.8	5.8	81	0.07	34.56	25.5	8.08	7.05	0.22
T6-50m	6/9/22	1019	0.11	3.3	0.29	4.0	0.27	3.8	3.0	85	0.27	8.3	5.2	73	0.08	34.40	26.3	8.02	6.78	0.17
Geomean	FY '22		3.8		8.8		3.7				8.0		81		0.09					0.19
T6-50m	9/22/22	1026	0.08	2.5	0.41	5.7	0.11	1.6	3.1	88	0.08	2.4	5.1	71	0.21	34.83	27.2	8.08	6.73	0.21
T6-50m	12/27/22	1201	0.08	2.5	0.65	9.1	0.17	2.4	4.3	120	0.16	5.0	6.2	87	0.07	34.87	25.9	8.15	6.91	0.18
T6-50m	3/16/23	953	0.13	4.1	0.98	13.7	0.22	3.1	6.2	174	0.22	6.9	5.7	80	0.13	34.44	24.6	8.06	7.04	0.32
T6-50m	6/1/23	1038	0.03	0.9	0.66	9.2	0.04	0.6	4.9	138	0.23	7.0	5.8	82	0.17	34.58	25.9	8.07	6.61	0.19
Geomean	FY '23		2.2		9.0		1.6				4.9		80		0.13					0.22

NELHA Water Quality Laboratory

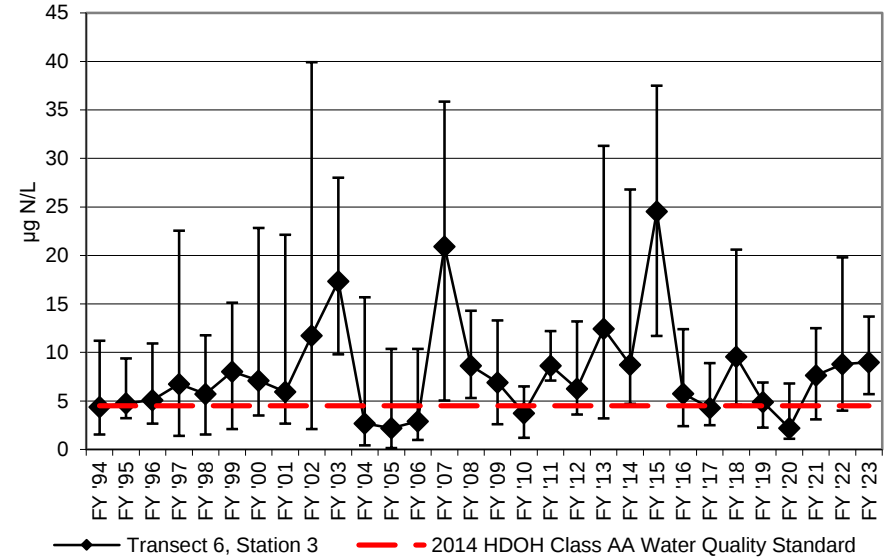
Transect 6, Station 3

7/26/1993 - 7/10/2025

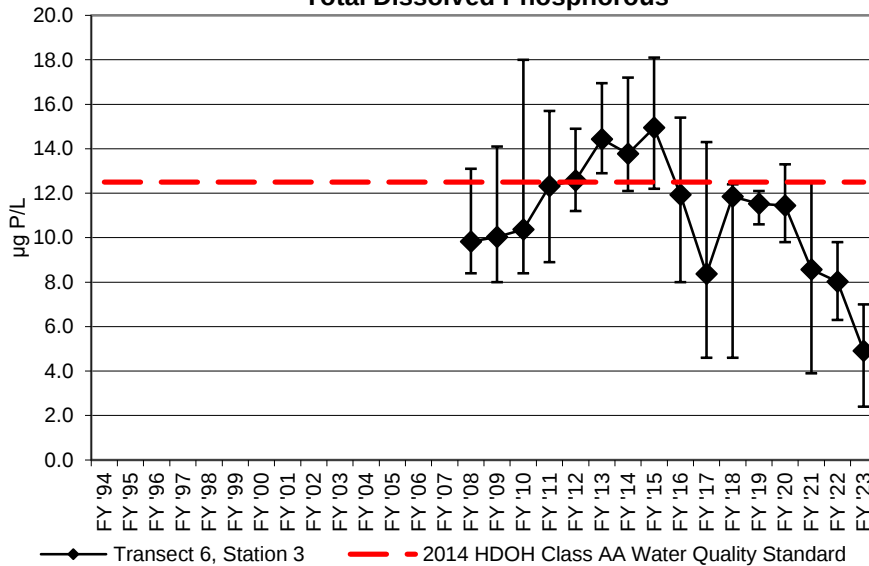
**Yearly Geometric Mean
Ortho-Phosphate**



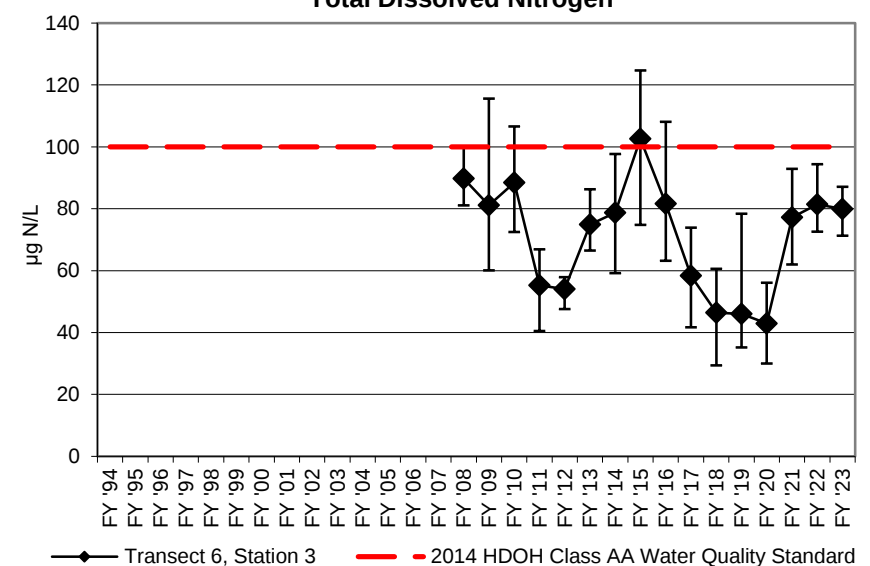
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

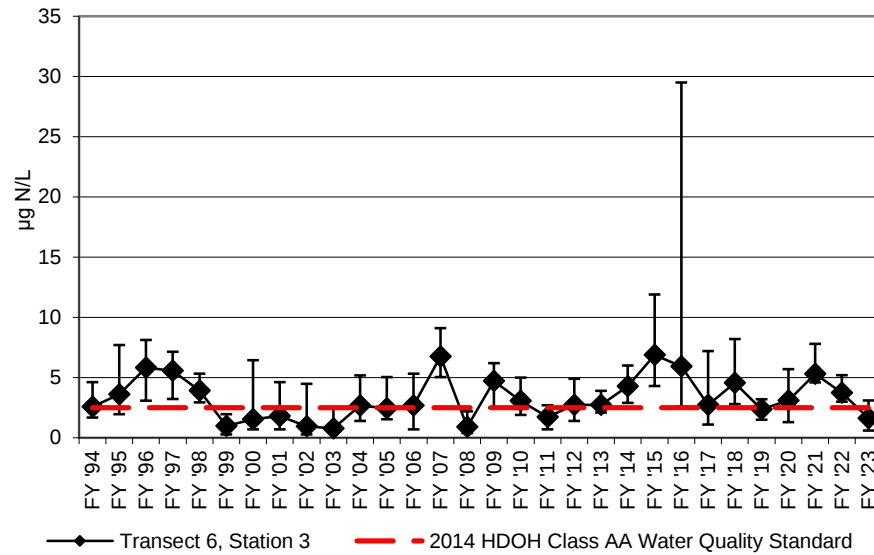


NELHA Water Quality Laboratory

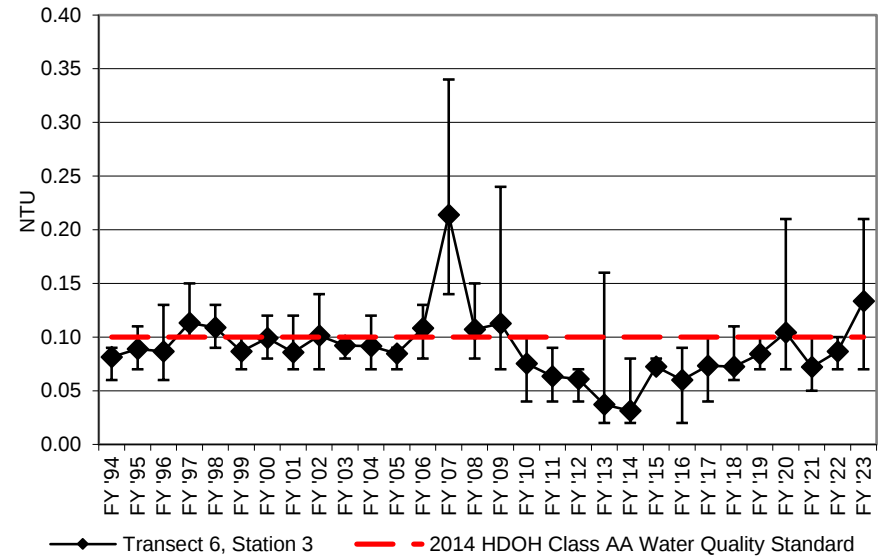
Transect 6, Station 3

7/26/1993 - 7/10/2025

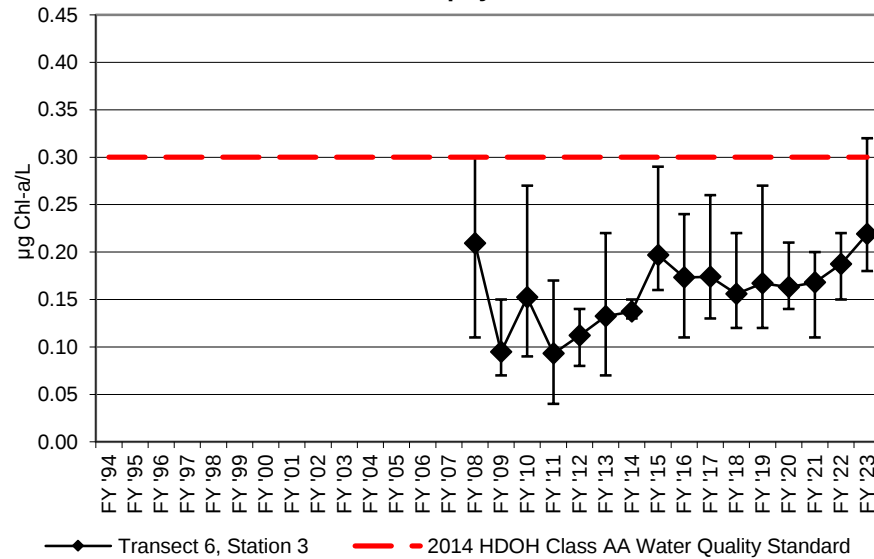
Yearly Geometric Mean
Total Ammonia



Yearly Geometric Mean
Turbidity



Yearly Geometric Mean
Chlorophyll-a



NELHA Water Quality Laboratory

Transect 6, Station 4

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-4S-53r	7/26/93	1130	0.09	2.8	0.12	1.7	0.42	5.9	2.1	58					0.07	34.440	27.0			
O6-4S-53r	12/6/93	917	0.06	1.9	0.53	7.4	0.09	1.3	4.2	118					0.09	34.755	25.7			
O6-4S-53r	3/7/94	849	0.22	6.8	0.91	12.7	0.18	2.5	11.4	320					0.08	33.964	24.9			
O6-4S-53r	6/15/94	857	0.22	6.8	0.27	3.8	0.40	5.6	4.2	117					0.13	34.497	25.6			
Geomean FY '94			3.9		5.0		3.2								0.09					
O6-4S-53r	9/9/94	847	0.06	1.9	0.01	0.1	0.10	1.4	2.5	70					0.07	34.580	27.6			
O6-4S-53r	11/14/94	759	0.14	4.3	0.48	6.7	0.55	7.7	6.7	188					0.11	34.521	26.0			
O6-4S-53r	3/22/95	830	0.17	5.3	0.29	4.1	0.34	4.8	5.5	154					0.11	34.128	25.1			
O6-4S-53r	6/20/95	820	0.12	3.7	0.24	3.4	0.10	1.4	3.8	106					0.07	34.389	26.2			
Geomean FY '95			3.5		1.9		2.9								0.09					
O6-4S-53r	9/26/95	953	0.14	4.3	0.58	8.1	0.56	7.8	10.0	281					0.17	34.295	27.0			
O6-4S-53r	11/14/95	1058	0.11	3.4	0.30	4.2	0.52	7.3	4.5	125					0.09	34.315	26.8			
O6-4S-53r	3/12/96	1121	0.14	4.3	0.27	3.8	0.52	7.3	4.9	138					0.06	34.095	25.5			
O6-4S-53r	5/14/96	1117	0.10	3.1	0.14	2.0	0.16	2.2	4.1	114					0.08	34.273	27.5			
Geomean FY '96			3.8		4.0		5.5								0.09					
O6-4S-53r	7/31/96	1146	0.13	4.0	1.73	24.2	0.53	7.4	23.1	649					0.12	33.745	27.8			
O6-4S-53r	10/2/96	1119	0.08	2.5	0.06	0.8	0.46	6.4	10.6	299					0.13	34.343	28.4			
O6-4S-53r	1/7/97	1124	0.09	2.8	0.59	8.3	0.24	3.4	9.5	267					0.09	34.486	25.6			
O6-4S-53r	4/28/97	1141	0.17	5.3	0.56	7.8	0.53	7.4	9.3	260					0.09	34.227	26.5			
Geomean FY '97			3.5		6.0		5.9								0.11					
O6-4S-53r	8/19/97	1123	0.12	3.7	0.53	7.4	0.24	3.4	10.9	306					0.12	34.387	27.0			
O6-4S-53r	10/7/97	1025	0.11	3.4	0.19	2.7	0.37	5.2	7.1	199					0.10	34.654	27.6			
O6-4S-53r	3/4/98	1157	0.14	4.3	1.65	23.1	0.36	5.0	26.3	739					0.10	34.160	25.2			
O6-4S-53r	5/5/98	1148	0.14	4.3	1.38	19.3	0.31	4.3	17.6	495					0.12	34.579	24.4			
Geomean FY '98			3.9		9.7		4.4								0.11					
O6-4S-53r	7/7/98	1204	0.14	4.3	0.95	13.3	0.04	0.6	14.3	402					0.11	34.647	26.3			
O6-4S-53r	10/6/98	1113	0.12	3.7	0.85	11.9	0.13	1.8	10.0	282					0.08	34.817	27.1			
O6-4S-53r	1/19/99	1152	0.08	2.5	0.52	7.3	0.13	1.8	8.4	237					0.07	34.946	25.2			
O6-4S-53r	4/12/99	1156	0.12	3.7	0.18	2.5	0.14	2.0	5.1	144					0.09	34.620	24.2			
Geomean FY '99			3.5		7.3		1.4								0.09					

NELHA Water Quality Laboratory

Transect 6, Station 4

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-4S-53r	7/6/99	1222	0.09	2.8	0.28	3.9	0.08	1.1	6.0	170					0.12	34.811	25.7			
O6-4S-53r	10/4/99	1242	0.11	3.4	0.26	3.6	0.06	0.8	4.4	124					0.09	34.923	26.4			
O6-4S-53r	1/12/00	1149	0.15	4.6	1.53	21.4	0.42	5.9	25.9	726					0.07	34.375	24.8			
O6-4S-53r	4/11/00	1049	0.12	3.7	0.72	10.1	0.04	0.6	11.1	311					0.05	34.560	24.5			
Geomean FY '00			3.6		7.5		1.3								0.08					
O6-4S-53r	7/25/00	1209	0.11	3.4	0.21	2.9	0.07	1.0	5.8	164					0.07	34.763	26.7			
O6-4S-53r	10/31/00	1153	0.12	3.7	0.39	5.5	0.27	3.8	9.3	260					0.11	34.773	26.9			
O6-4S-53r	3/6/01	1140	0.17	5.3	0.20	2.8	0.10	1.4	5.6	157					0.12	34.678	24.8			
O6-4S-53r	5/7/01	1241	0.17	5.3	1.50	21.0	0.35	4.9	23.5	660					0.09	34.363	24.8			
Geomean FY '01			4.3		5.5		2.2								0.10					
O6-4S-53r	8/14/01	1044	0.12	3.7	0.14	2.0	0.29	4.1	3.6	100					0.10	34.814	26.7			
O6-4S-53r	10/30/01	1056	0.15	4.6	0.74	10.4	0.05	0.7	7.1	199					0.08	34.833	26.8			
O6-4S-53r	3/6/02	1102	0.25	7.7	3.10	43.4	0.08	1.1	23.3	654					0.09	34.958	24.2			
O6-4S-53r	4/15/02	1117	0.12	3.7	1.85	25.9	0.06	0.8	12.3	346					0.09	34.173	25.6			
Geomean FY '02			4.7		12.3		1.3								0.09					
O6-4S-53r	7/10/02	1106	0.07	2.2	2.10	29.4	0.20	2.8	14.0	393					0.07	34.319	26.2			
O6-4S-53r	10/8/02	1102	0.14	4.3	1.76	24.7	0.09	1.3	11.8	331					0.10	34.617	27.1			
O6-4S-53r	3/12/03	959	0.14	4.3	0.80	11.2	0.03	0.4	10.5	295					0.09	34.472	24.9			
O6-4S-53r	4/23/03	1110	0.15	4.6	1.32	18.5	0.03	0.4	14.6	409					0.09	35.561	25.0			
Geomean FY '03			3.7		19.7		0.9								0.09					
O6-4S-53r	8/21/03	1038	0.09	2.8	0.03	0.4	0.10	1.4	3.8	106					0.05	34.779	28.4			
O6-4S-53r	11/3/03	1016	0.10	3.1	0.01	0.1	0.17	2.4	2.4	67					0.08	34.647	27.3			
O6-4S-53r	3/18/04	1033	0.12	3.7	0.52	7.3	0.38	5.3	6.8	190					n/a	34.195	25.7			
O6-4S-53r	5/24/04	1041	0.16	5.0	0.50	7.0	0.23	3.2	5.5	154					n/a	33.35	26.8			
Geomean FY '04			3.6		1.3		2.7								0.06					
O6-4S-53r	9/22/04	1123	0.07	2.2	0.01	0.1	0.27	3.8	2.3	64					0.08	33.68	27.8			
O6-4S-53r	11/29/04	1031	0.09	2.8	0.38	5.3	0.17	2.4	4.6	129					0.04	33.69	26.9			
O6-4S-53r	1/24/05	1108	0.06	1.9	0.01	0.1	0.14	2.0	2.1	59					0.07	34.341	25.7			
O6-4S-53r	4/13/05	1112	0.14	4.3	0.34	4.8	0.16	2.2	6.2	175					0.08	34.844	25.0			
Geomean FY '05			2.6		0.8		2.5								0.07					

NELHA Water Quality Laboratory

Transect 6, Station 4

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-4S-53r	7/21/05	1049	0.06	1.9	0.18	2.5	0.38	5.3	4.6	130					0.09	34.664	27.4			
O6-4S-53r	10/13/05	1021	0.06	1.9	0.05	0.7	0.20	2.8	2.8	77					0.10	34.901	27.4			
O6-4S-53r	3/15/06	945	0.11	3.4	0.63	8.8	0.33	4.6	11.1	313					0.08	34.655	24.4			
O6-4S-53r	5/17/06	1030	0.10	3.1	0.08	1.1	0.05	0.7	1.5	43					0.11	34.665	24.8			
Geomean FY '06			2.5		2.0		2.6								0.09					
O6-4S-53r	8/16/06	1032	0.12	3.7	0.49	6.9	0.33	4.6	3.9	109					0.09	34.585	26.8			
O6-4S-53r	11/20/06	1030	0.18	5.6	1.28	17.9	0.63	8.8	11.7	329					0.41	34.480	26.7			
O6-4S-53r	2/12/07	1130	0.19	5.9	2.03	28.4	0.42	5.9	15.8	444					0.18	33.994	24.9			
O6-4S-53r	4/16/07	1112	0.14	4.3	0.63	8.8	0.39	5.5	9.6	269					0.19	34.453	26.5			
Geomean FY '07			4.8		13.3		6.0								0.19					
T6-100m	9/27/07	1000	0.14	4.4	0.01	0.1	0.13	1.8	9.4	263	0.33	10.2	6.2	87	0.15	34.797	26.7	8.09	6.31	0.08
T6-100m	12/14/07	1033	0.13	4.0	0.89	12.5	0.00		9.1	255	0.39	12.1	7.8	109	0.11	34.470	25.7	8.16	6.84	0.22
T6-100m	3/11/08	1041	0.12	3.7	0.54	7.6	0.06	0.8	17.1	481	0.24	7.5	6.0	84	0.11	34.723	24.8	8.11	6.56	0.32
T6-100m	6/9/08	1109	0.09	2.8	0.07	1.0	0.16	2.2	14.6	410	0.29	9.1	6.7	93	0.12	34.5697	25.2	8.11	5.75	0.22
Geomean FY '08			3.7		1.8		1.5				9.6		93		0.12					0.19
T6-100m	9/23/08	1210	0.03	0.8	0.14	2	0.31	4.3	2.2	63	0.35	10.7	5.4	75	0.06	34.787	26.8	8.07	6.05	0.12
T6-100m	12/8/08	1114	0.16	5	0.58	8.1	0.30	4.2	5.3	149	0.35	10.8	5.8	81	0.08	34.690	26.3	8.30	5.63	0.04
T6-100m	2/10/09	1005	0.09	2.8	0.55	7.7	0.18	2.5	5.7	159	0.24	7.4	8.7	122	0.09	34.908	24.8	8.06	5.87	0.04
T6-100m	6/30/09	1055	0.29	9	1.44	20.1	0.63	8.8	13.6	381	0.49	15.1	5.3	75	0.10	34.516	26.7	8.18	6.28	0.16
Geomean FY '09			3.2		7.1		4.5				10.7		86		0.08					0.07
T6-100m	9/10/09	1108	0.18	5.7	0.60	8.4	0.52	7.3	8.5	239	0.60	18.5	6.7	94	0.09	35.11	27.3	8.19	5.77	0.32
T6-100m	11/24/09	1027	0.02	0.766	0.45	6.3	0.16	2.3	16.4	461	0.31	9.5	5.5	77	0.06	35.13	25.1	8.24	6.59	0.18
T6-100m	2/24/10	1054	0.12	3.7	0.16	2.2	0.38	5.3	2.6	73	0.32	10.0	7.3	103	0.07	34.83	24.6	8.22	5.56	0.27
T6-100m	5/26/10	1016	0.01	0.4	0.13	1.8	0.19	2.7	4.5	128	0.23	7.2	4.6	65	0.06	34.77	25.1	8.28	6.65	0.09
Geomean FY '10			1.6		3.8		3.9				10.6		83		0.07					0.19
T6-100m	8/11/10	1032	0.08	2.6	1.26	17.7	0.30	4.2	12.1	339	0.29	9.1	2.8	39	0.05	34.68	25.96	8.21	6.46	0.08
T6-100m	11/9/10	1028	0.05	1.5	0.49	6.8	0.11	1.5	4.9	138	0.45	14	5.3	74	0.09	34.84	26.43	8.29	6.28	0.07
T6-100m	1/11/11	1255	0.15	4.7	0.58	8.1	0.21	2.9	6.5	183	0.45	13.8	3.9	55	0.04	34.87	25.09	8.25	6.52	0.13
T6-100m	4/27/11	1027	0.15	4.7	0.26	3.6	0.11	1.5	4.6	129	0.40	12.5	3.8	53	0.08	34.83	24.94	8.22	6.30	0.14
Geomean FY '11			3.0		7.7		2.3				12.2		54		0.06					0.10

NELHA Water Quality Laboratory

Transect 6, Station 4

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T6-100m	7/27/11	1114	0.19	6	0.24	3.3	0.06	0.9	2.9	83	0.49	15.1	3.7	53	0.09	34.76	26.21	8.22	6.37	0.13
T6-100m	10/19/11	1056	0.06	1.8	0.25	3.5	0.08	1.1	3.9	109	0.36	11.2	3.7	51	0.07	35.09	26.56	8.25	6.86	0.13
T6-100m	1/26/12	1022	0.06	2	0.14	2	0.11	1.5	3.0	84	0.35	10.8	3.8	54	0.04	34.98	24.48	8.21	6.68	0.13
T6-100m	4/25/12	1035	0.22	6.9	0.83	11.6	0.42	5.9	9.5	266	0.43	13.3	4.3	60	0.07	34.68	24.83	8.20	6.81	0.17
Geomean FY '12			3.5		4.0		1.7				12.5		54		0.06					0.14
T6-100m	7/25/12	1045	0.03	0.8	0.14	2	0.33	4.6	2.5	70	0.43	13.3	4.9	68	0.07	35.05	26.43	8.23	6.82	0.26
T6-100m	11/28/12	1039	0.21	6.5	3.43	48.1	0.39	5.5	20.5	577	0.52	16.1	8.0	112	0.03	34.63	25.02	8.20	6.45	0.09
T6-100m	1/24/13	1027	0.12	3.6	0.96	13.4	0.16	2.3	7.4	207	0.46	14.2	6.2	87	0.04	34.91	24.75	8.22	6.43	0.12
T6-100m	4/24/13	951	0.18	5.5	0.82	11.55	0.12	1.65	9.5	266	0.49	15.15	4.8	67	0.03	34.95	24.97	8.21	6.70	0.11
Geomean FY '13			3.2		11.0		3.1				14.7		82		0.04					0.13
T6-100m	8/6/13	1111	0.11	3.3	1.27	17.8	0.28	3.9	7.8	218	0.35	10.9	5.6	79	0.02	34.94	26.4	8.21	7.05	0.14
T6-100m	10/30/13	1019	0.15	4.6	0.41	5.8	0.20	2.8	3.4	94	0.51	15.8	6.2	87	0.02	34.89	27.0	8.22	5.94	0.13
T6-100m	2/5/14	1043	0.14	4.4	0.25	3.5	0.35	4.9	2.3	63	0.46	14.1	4.6	65	0.02	35.00	25.2	8.21	6.36	0.13
T6-100m	5/7/14	1039	0.13	4.0	0.41	5.7	0.06	0.9	3.4	96	0.43	13.3	5.4	76	0.13	34.71	25.7	8.18	5.45	0.14
Geomean FY '14			4.0		6.7		2.6				13.4		76		0.03					0.13
T6-100m	8/6/14	1033	0.18	5.5	0.15	2.1	0.24	3.3	1.5	41	0.49	15.1	5.4	76	0.05	34.96	26.6	8.22	5.88	0.05
T6-100m	12/4/14	1112	0.18	5.5	1.85	25.9	0.47	6.6	14.3	402	0.61	19.0	8.9	125	0.03	34.74	26.3	8.26	6.47	0.18
T6-100m	3/5/15	1122	0.04	1.1	0.43	6.0	0.40	5.6	2.3	64	0.22	6.8	7.6	106	0.08	34.51	25.4	8.27	6.86	0.15
T6-100m	6/18/15	1047	0.20	6.2	2.63	36.8	0.43	6.0	13.3	373	0.46	14.1	11.4	160	0.07	33.91	26.6	8.19	6.63	0.28
Geomean FY '15			3.8		10.5		5.2				12.9		113		0.05					0.14
T6-100m	8/27/15	1045	0.14	4.4	0.09	1.2	0.19	2.7	3.5	99	0.20	6.3	4.5	63	0.03	34.66	28.5	8.28	6.02	0.35
T6-100m	11/18/15	1120	0.15	4.8	0.66	9.2	0.23	3.2	4.7	132	0.50	15.6	5.8	82	0.07	34.64	27.5	8.29	6.51	0.22
T6-100m	3/2/16	958	0.13	3.9	0.37	5.2	0.34	4.7	1.0	27	0.47	14.6	7.5	105	0.10	34.73	25.3	8.25	5.84	0.14
T6-100m	5/4/16	1058	0.12	3.6	0.64	8.9	0.29	4.0	6.4	181	0.28	8.7	5.3	75	0.09	34.50	25.8	8.19	6.01	0.24
Geomean FY '16			4.1		4.8		3.6				10.6		80		0.07					0.23
T6-100m	7/7/16	1059	0.15	4.5	0.09	1.2	0.57	8.0	8.4	236	0.55	16.9	4.6	64	0.10	34.42	26.8	8.31	6.49	0.16
T6-100m	12/21/16	1136	0.05	1.7	0.30	4.2	0.21	3.0	2.5	70	0.36	11.3	3.3	46	0.06	34.63	25.6	8.28	6.15	0.10
T6-100m	3/1/17	1206	0.00	0.1	0.17	2.4	0.06	0.8	1.5	42	0.29	9.1	3.6	50	0.10	34.73	24.6	8.25	5.65	0.21
T6-100m	5/10/17	1154	0.05	1.4	0.09	1.2	0.39	5.4	0.3	8	0.21	6.6	3.2	45	0.05	34.87	25.8	8.24	4.07	0.07
Geomean FY '17			1.0		2.0		3.2				10.3		51		0.07					0.12

NELHA Water Quality Laboratory

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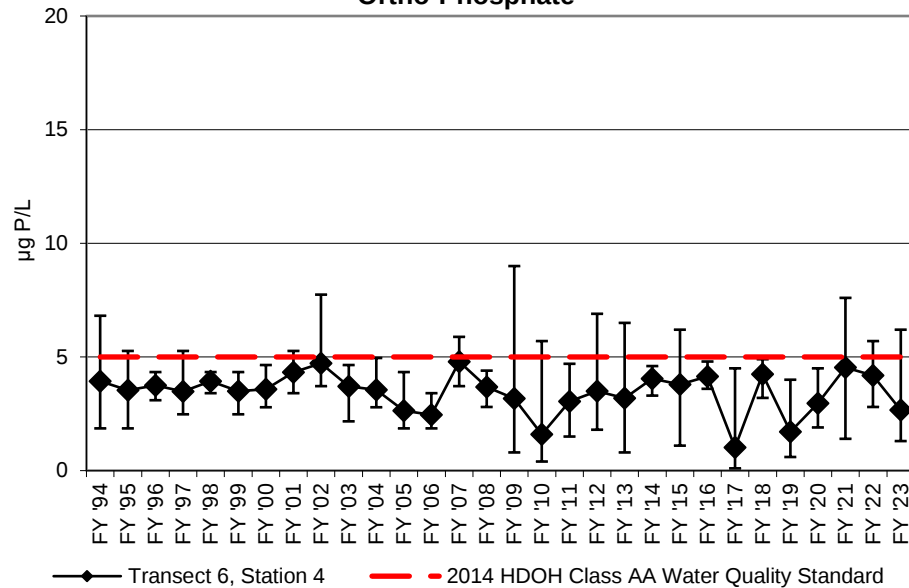
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T6-100m	9/28/17	1052	0.16	4.9	0.23	3.2	0.19	2.6	1.5	41	0.43	13.4	2.5	35	0.07	34.83	27.8	8.19	4.65	0.11
T6-100m	11/30/17	1032	0.15	4.7	1.60	22.4	0.74	10.3	8.5	239	0.41	12.8	4.7	66	0.09	34.99	26.2	8.24	5.62	0.20
T6-100m	2/6/18	1127	0.10	3.2	0.51	7.1	0.54	7.6	4.8	135	0.35	10.9	3.7	52	0.11	34.77	24.8	8.17	5.90	0.14
T6-100m	5/17/18	1100	0.14	4.4	1.11	15.5	0.34	4.8	10.6	299	0.39	12.2	2.7	38	0.06	34.57	25.9	8.17	6.49	0.18
Geomean FY '18			4.2		9.4		5.6				12.3		46		0.08					0.15
T6-100m	9/26/18	1341	0.02	0.6	0.16	2.3	0.09	1.3	1.7	47	0.33	10.3	1.9	27	0.13	34.67	27.6	8.16	4.82	0.15
T6-100m	11/14/18	1144	0.03	1.0	0.25	3.5	0.44	6.1	0.7	21	0.33	10.1	6.0	84	0.07	34.90	27.4	8.20	6.17	0.14
T6-100m	1/23/19	1128	0.11	3.5	0.52	7.3	0.19	2.7	4.5	127	0.39	12.0	2.7	38	0.05	34.92	25.0	8.19	4.98	0.14
T6-100m	4/17/19	1125	0.13	4.0	0.31	4.3	0.46	6.4	2.2	62	0.39	12.1	2.9	41	0.02	34.67	25.8	8.12	6.96	0.10
Geomean FY '19			1.7		4.0		3.4				11.1		43		0.05					0.13
T6-100m	8/15/19	1053	0.06	1.9	0.08	1.1	0.09	1.3	5.3	149	0.33	10.2	2.4	34	0.09	35.21	28.3	8.28	6.70	0.17
T6-100m	11/20/19	1206	0.10	3.2	0.05	0.7	0.09	1.3	0.3	9	0.42	13.0	2.8	39	0.06	35.19	27.7	8.22	6.44	0.14
T6-100m	1/23/20	1113	0.15	4.5	0.14	2.0	0.09	1.3	3.6	102	0.42	12.9	4.2	59	0.13	34.87	24.9	8.25	6.93	0.16
T6-100m	6/25/20	1032	0.09	2.8	0.01	0.2	0.09	1.3	3.4	97	0.35	10.7	3.2	44	0.08	35.41	26.1	8.18	6.63	0.24
Geomean FY '20			3.0		0.7		1.3				11.6		43		0.09					0.17
T6-100m	9/23/20	1051	0.23	7.0	0.05	0.7	0.39	5.4	0.8	23	0.34	10.5	6.0	84	0.02	36.11	26.1	8.19	5.50	0.18
T6-100m	12/16/20	1058	0.18	5.7	0.69	9.6	0.35	4.9	4.5	127	0.27	8.5	7.1	100	0.07	35.48	26.5	8.11	6.70	0.22
T6-100m	3/10/21	1104	0.25	7.6	2.06	28.9	0.36	5.1	15.9	447	0.35	10.9	6.1	86	0.06	35.16	24.6	8.10	6.98	0.18
T6-100m	5/25/21	1212	0.05	1.4	0.54	7.6	0.20	2.8	4.2	119	0.15	4.6	5.9	82	0.09	35.56	25.8	8.06	6.97	0.15
Geomean FY '21			4.5		6.2		4.4				8.2		88		0.05					0.18
T6-100m	9/24/21	1131	0.15	4.6	0.71	10.0	0.39	5.4	4.9	138	0.20	6.3	6.0	84	0.09	35.37	26.7	8.03	6.90	0.16
T6-100m	12/16/21	1042	0.14	4.2	0.62	8.7	0.23	3.2	4.1	116	0.26	8.2	6.0	85	0.07	35.03	25.9	8.11	6.67	0.23
T6-100m	3/16/22	1127	0.18	5.7	1.24	17.4	0.14	1.9	6.8	192	0.32	9.9	5.9	83	0.07	34.64	25.7	8.05	6.79	0.26
T6-100m	6/9/22	1025	0.09	2.8	0.21	3.0	0.36	5.0	2.3	64	0.29	9.1	5.1	71	0.08	34.42	26.4	8.01	6.66	0.19
Geomean FY '22			4.2		8.2		3.6				8.3		80		0.08					0.21
T6-100m	9/22/22	1031	0.08	2.5	0.09	1.3	0.06	0.9	0.3	8	0.08	2.5	5.0	70	0.13	34.90	27.1	8.09	6.67	0.24
T6-100m	12/27/22	1207	0.08	2.5	0.46	6.4	0.21	2.9	2.6	73	0.19	5.8	5.5	78	0.08	34.88	25.9	8.15	6.90	0.22
T6-100m	3/16/23	959	0.20	6.2	2.58	36.1	0.28	3.9	17.1	481	0.29	8.9	8.0	112	0.13	34.32	24.6	8.06	6.97	0.43
T6-100m	6/1/23	1045	0.04	1.3	0.61	8.6	0.04	0.5	4.3	121	0.21	6.6	5.8	81	0.12	34.61	25.9	8.08	6.63	0.19
Geomean FY '23			2.7		7.1		1.5				5.4		84		0.11					0.26

NELHA Water Quality Laboratory

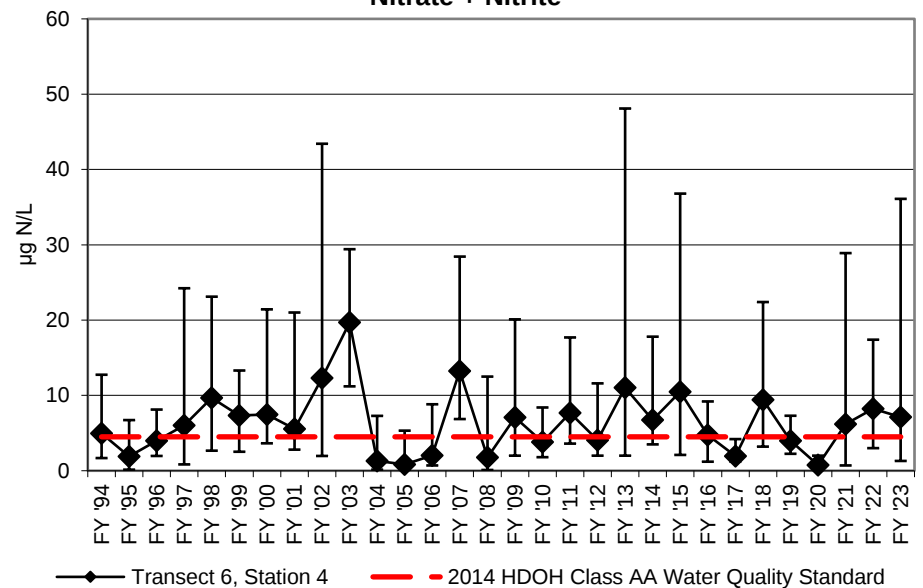
Transect 6, Station 4

7/26/1993 - 7/10/2025

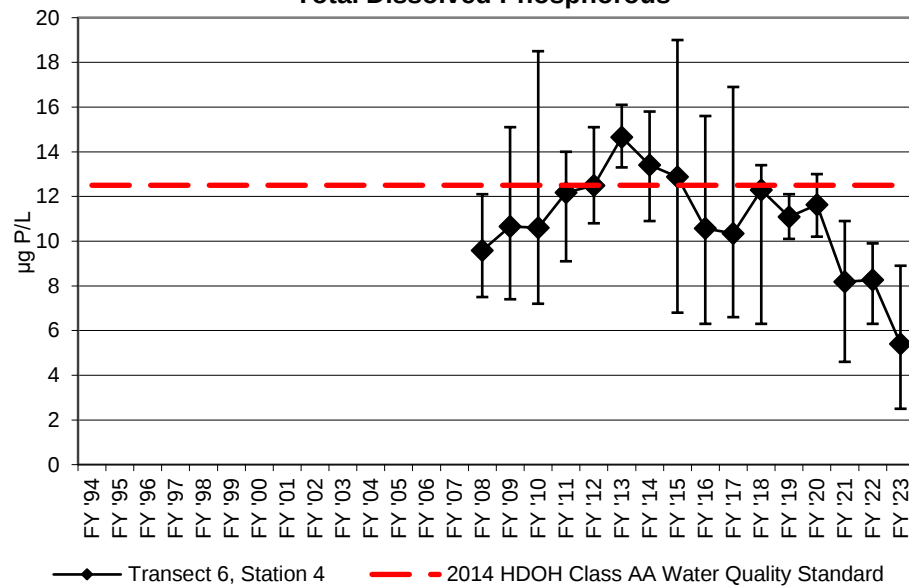
**Yearly Geometric Mean
Ortho-Phosphate**



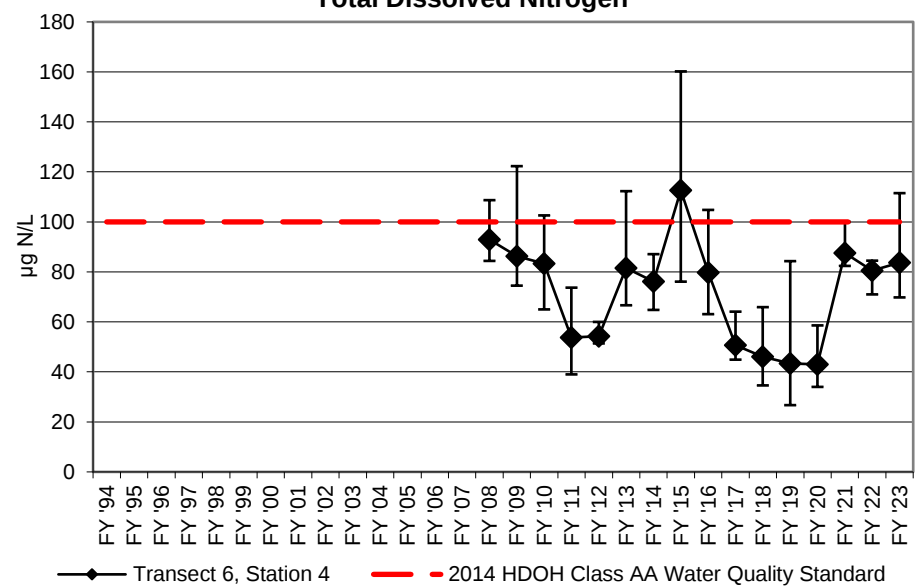
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

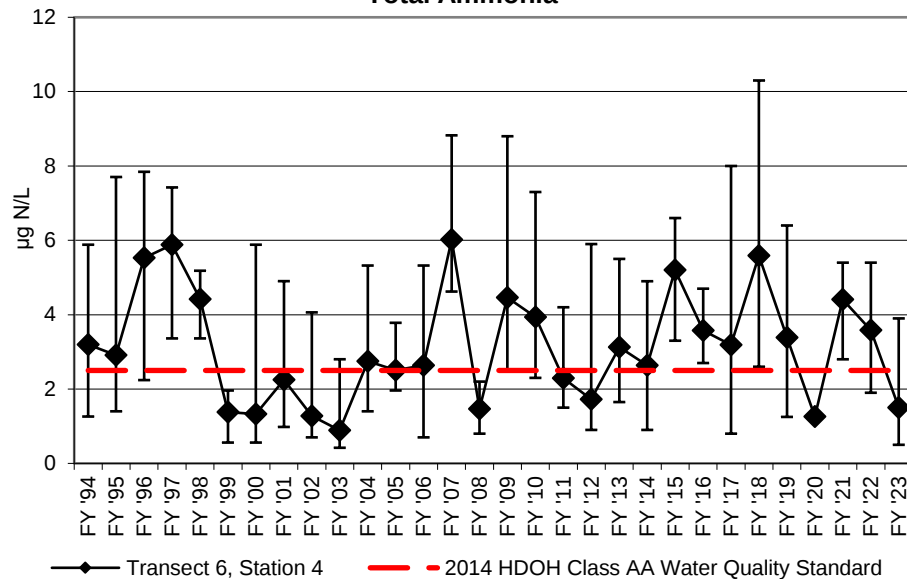


NELHA Water Quality Laboratory

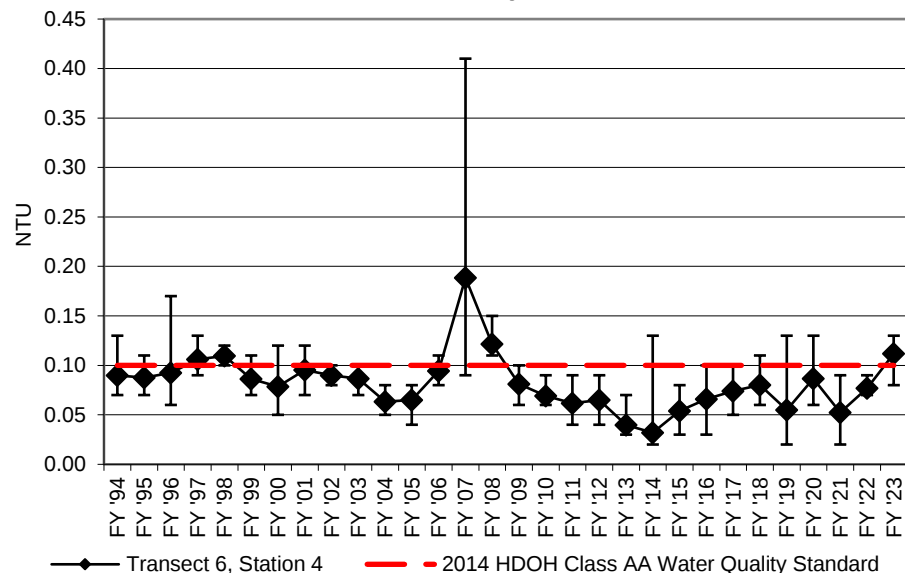
Transect 6, Station 4

7/26/1993 - 7/10/2025

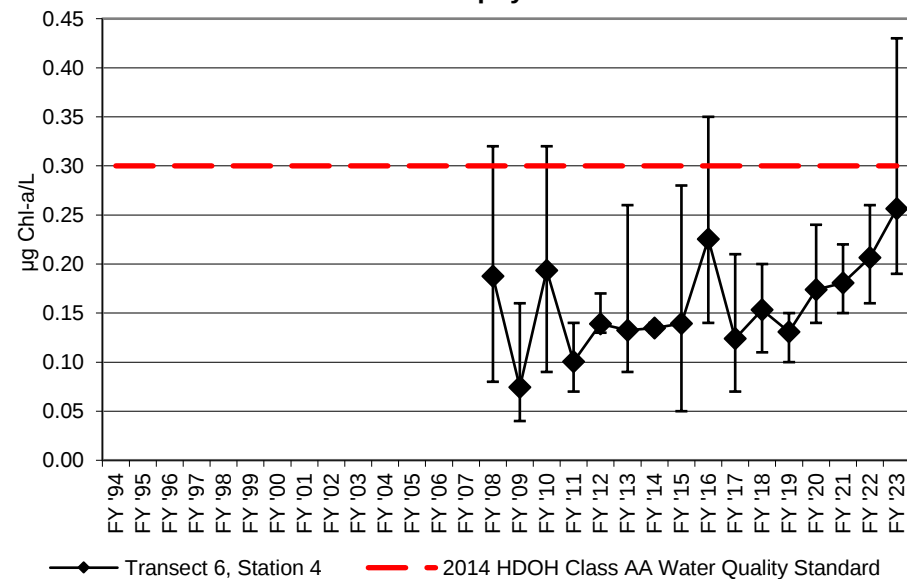
Yearly Geometric Mean
Total Ammonia



Yearly Geometric Mean
Turbidity



Yearly Geometric Mean
Chlorophyll-a



NELHA Water Quality Laboratory

Transect 6, Station 5

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-5S-69n	7/26/93	1119	0.08	2.5	0.14	2.0	0.39	5.5	2.1	60					0.08	34.431	26.9			
O6-5S-69n	12/6/93	907	0.06	1.9	0.51	7.1	0.06	0.8	3.9	109					0.08	34.772	25.7			
O6-5S-69n	3/7/94	840	0.22	6.8	0.84	11.8	0.18	2.5	10.6	298					0.08	33.989	24.9			
O6-5S-69n	6/15/94	853	0.20	6.2	0.21	2.9	0.12	1.7	4.1	116					0.10	34.476	25.6			
Geomean FY '94			3.7		4.7		2.1								0.08					
O6-5S-69n	9/9/94	842	0.07	2.2	0.03	0.4	0.04	0.6	2.6	72					0.09	34.598	27.6			
O6-5S-69n	11/14/94	755	0.15	4.6	0.61	8.5	0.55	7.7	8.3	232					0.09	34.473	26.0			
O6-5S-69n	3/22/95	814	0.17	5.3	0.24	3.4	0.34	4.8	4.8	135					0.11	34.152	25.0			
O6-5S-69n	6/20/95	815	0.14	4.3	0.40	5.6	0.09	1.3	5.4	151					0.06	34.342	26.2			
Geomean FY '95			3.9		2.9		2.3								0.09					
O6-5S-69n	9/26/95	1002	0.12	3.7	0.40	5.6	0.47	6.6	9.6	269					0.11	34.363	27.0			
O6-5S-69n	11/14/95	1054	0.12	3.7	0.37	5.2	0.60	8.4	5.3	148					0.12	34.233	26.8			
O6-5S-69n	3/12/96	1115	0.18	5.6	0.21	2.9	0.58	8.1	4.0	113					0.06	34.129	25.5			
O6-5S-69n	5/14/96	1113	0.09	2.8	0.02	0.3	0.11	1.5	2.3	65					0.05	34.317	27.5			
Geomean FY '96			3.8		2.2		5.1								0.08					
O6-5S-69n	7/31/96	1148	0.14	4.3	1.83	25.6	0.55	7.7	24.9	698					0.12	33.672	27.7			
O6-5S-69n	10/2/96	1115	0.09	2.8	0.72	10.1	0.50	7.0	11.1	313					0.15	34.317	28.4			
O6-5S-69n	1/7/97	1120	0.09	2.8	0.55	7.7	0.25	3.5	7.5	210					0.11	34.547	25.6			
O6-5S-69n	4/28/97	1136	0.17	5.3	0.59	8.3	0.55	7.7	8.8	248					0.09	34.222	26.6			
Geomean FY '97			3.6		11.3		6.2								0.12					
O6-5S-69n	8/19/97	1117	0.12	3.7	0.63	8.8	0.24	3.4	11.0	308					0.11	34.358	27.0			
O6-5S-69n	10/7/97	1016	0.10	3.1	0.11	1.5	0.37	5.2	4.4	125					0.13	34.709	27.6			
O6-5S-69n	3/4/98	1149	0.10	3.1	0.47	6.6	0.24	3.4	8.0	226					0.14	34.849	25.2			
O6-5S-69n	5/5/98	1141	0.14	4.3	1.47	20.6	0.31	4.3	16.6	466					0.08	34.647	24.5			
Geomean FY '98			3.5		6.6		4.0								0.11					
O6-5S-69n	7/7/98	1154	0.14	4.3	1.00	14.0	0.07	1.0	13.8	388					0.12	34.664	26.2			
O6-5S-69n	10/6/98	1106	0.13	4.0	0.02	0.3	0.13	1.8	13.6	381					0.09	34.838	27.3			
O6-5S-69n	1/19/99	1148	0.09	2.8	0.67	9.4	0.08	1.1	10.2	285					0.13	34.894	25.0			
O6-5S-69n	4/12/99	1145	0.12	3.7	0.20	2.8	0.14	2.0	6.1	172					0.09	34.614	24.2			
Geomean FY '99			3.7		3.2		1.4								0.11					

NELHA Water Quality Laboratory

Transect 6, Station 5

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-5S-69r	7/6/99	1213	0.09	2.8	0.26	3.6	0.08	1.1	5.0	139					0.08	34.854	25.8			
O6-5S-69r	10/4/99	1234	0.10	3.1	0.28	3.9	0.06	0.8	4.1	115					0.11	34.921	26.4			
O6-5S-69r	1/12/00	1140	0.14	4.3	0.96	13.4	0.40	5.6	13.9	389					0.07	34.680	24.9			
O6-5S-69r	4/11/00	1042	0.10	3.1	0.22	3.1	0.06	0.8	6.5	184					0.07	34.726	24.6			
Geomean FY '00			3.3		4.9		1.5								0.08					
O6-5S-69r	7/25/00	1205	0.10	3.1	0.17	2.4	0.05	0.7	5.0	140					0.07	34.789	26.7			
O6-5S-69r	10/31/00	1148	0.12	3.7	0.54	7.6	0.30	4.2	12.9	362					0.12	34.701	27.0			
O6-5S-69r	3/6/01	1134	0.15	4.6	0.18	2.5	0.10	1.4	4.2	117					0.07	34.684	24.8			
O6-5S-69r	5/7/01	1236	0.20	6.2	1.94	27.2	0.35	4.9	30.1	845					0.09	34.257	24.8			
Geomean FY '01			4.3		5.9		2.1								0.09					
O6-5S-69r	8/14/01	1038	0.12	3.7	0.10	1.4	0.25	3.5	3.0	85					0.14	34.852	26.8			
O6-5S-69r	10/30/01	1050	0.14	4.3	0.70	9.8	0.03	0.4	8.1	227					0.08	34.801	26.8			
O6-5S-69r	3/6/02	1057	0.21	6.5	3.43	48.0	0.08	1.1	17.1	480					0.13	34.231	24.3			
O6-5S-69r	4/15/02	1111	0.16	5.0	2.64	37.0	0.04	0.6	18.8	529					0.08	34.516	25.6			
Geomean FY '02			4.8		12.5		1.0								0.10					
O6-5S-69r	7/10/02	1101	0.06	1.9	1.74	24.4	0.20	2.8	12.2	342					0.07	34.379	26.2			
O6-5S-69r	10/8/02	1056	0.10	3.1	1.01	14.1	0.09	1.3	6.9	194					0.11	34.774	27.0			
O6-5S-69r	3/12/03	953	0.14	4.3	0.84	11.8	0.03	0.4	10.6	298					0.09	34.480	25.0			
O6-5S-69r	4/23/03	1105	0.14	4.3	1.40	19.6	0.03	0.4	13.9	391					0.10	34.578	24.9			
Geomean FY '03			3.2		16.8		0.9								0.09					
O6-5S-69r	8/21/03	1030	0.09	2.8	0.04	0.6	0.10	1.4	4.3	122					0.07	34.748	28.3			
O6-5S-69r	11/3/03	1000	0.10	3.1	0.01	0.1	0.14	2.0	2.5	71					0.08	34.651	26.8			
O6-5S-69r	3/18/04	1027	0.19	5.9	1.82	25.5	0.37	5.2	17.3	485					n/a	34.859	25.8			
O6-5S-69r	5/24/04	1043	0.15	4.6	0.42	5.9	0.23	3.2	5.8	163					n/a	33.31	26.8			
Geomean FY '04			3.9		1.9		2.6								0.07					
O6-5S-69r	9/22/04	1119	0.07	2.2	0.07	1.0	0.31	4.3	5.1	144					0.05	33.69	27.7			
O6-5S-69r	11/29/04	1026	0.09	2.8	0.34	4.8	0.17	2.4	4.6	129					0.05	33.63	27.0			
O6-5S-69r	1/24/05	1102	0.05	1.5	0.01	0.1	0.16	2.2	2.4	67					0.08	34.834	25.7			
O6-5S-69r	4/13/05	1108	0.14	4.3	0.34	4.8	0.16	2.2	8.6	242					0.07	34.333	25.0			
Geomean FY '05			2.5		1.3		2.7								0.06					

NELHA Water Quality Laboratory

Transect 6, Station 5

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O6-5S-69r	7/21/05	1041	0.06	1.9	0.26	3.6	0.39	5.5	6.0	169					0.08	34.364	27.4			
O6-5S-69r	10/13/05	1015	0.06	1.9	0.14	2.0	0.20	2.8	3.6	101					0.11	34.817	27.5			
O6-5S-69r	3/15/06	939	0.12	3.7	0.64	9.0	0.40	5.6	8.6	242					0.09	34.659	24.5			
O6-5S-69r	5/17/06	1023	0.09	2.8	0.07	1.0	0.17	2.4	3.0	84					0.07	34.662	24.7			
Geomean FY '06			2.4		2.8		3.8								0.09					
O6-5S-69r	8/16/06	1028	0.13	4.0	0.50	7.0	0.37	5.2	4.4	123					0.14	34.580	26.8			
O6-5S-69r	11/20/06	1023	0.14	4.3	0.65	9.1	0.52	7.3	6.8	192					0.12	34.660	26.7			
O6-5S-69r	2/12/07	1122	0.13	4.0	0.30	4.2	0.38	5.3	2.1	60					0.33	34.407	24.8			
O6-5S-69r	4/16/07	1105	0.16	5.0	1.03	14.4	0.41	5.7	12.9	362					0.13	34.021	26.5			
Geomean FY '07			4.3		7.9		5.8								0.16					
T6-500m	9/27/07	945	0.14	4.4	0.01	0.1	0.13	1.8	5.4	151	0.35	10.8	7.8	110	0.15	34.905	26.7	8.08	6.28	0.06
T6-500m	12/14/07	1038	0.09	2.9	0.01	0.1	0.00		2.0	55	0.35	10.8	6.2	87	0.08	34.727	25.7	8.16	6.52	0.12
T6-500m	3/11/08	1048	0.07	2.3	0.05	0.7	0.06	0.8	3.4	97	0.18	5.5	6.5	91	0.19	34.909	24.8	8.12	6.62	0.23
T6-500m	6/9/08	1114	0.05	1.6	0.05	0.7	0.16	2.2	14.8	416	0.23	7.2	8.9	124	0.09	34.7104	25.8	8.11	5.58	0.33
Geomean FY '08			2.6		0.3		1.5				8.2		102		0.12					0.15
T6-500m	9/23/08	1219	0.11	3.4	0.04	0.6	0.28	3.9	2.3	66	0.47	14.6	4.5	63	0.06	34.802	26.8	8.07	5.75	0.15
T6-500m	12/8/08	1121	0.16	5.1	0.40	5.6	0.33	4.6	4.2	119	0.34	10.6	5.6	78	0.07	34.889	26.4	8.29	5.59	0.02
T6-500m	2/10/09	1009	0.06	2	0.10	1.4	0.18	2.5	1.3	37	0.48	14.9	7.9	110	0.06	35.107	24.7	8.06	5.97	0.03
T6-500m	6/30/09	1102	0.27	8.3	0.45	6.3	0.12	1.7	6.2	173	0.49	15.3	4.8	67	0.14	34.917	27.0	8.20	5.92	0.09
Geomean FY '09			4.1		2.3		3.0				13.7		78		0.08					0.05
T6-500m	9/10/09	1123	0.17	5.3	0.09	1.3	0.56	7.8	5.0	139	0.54	16.8	5.3	74	0.06	35.21	27.4	8.18	5.22	0.32
T6-500m	11/24/09	1035	0.02	0.766	0.02	0.3	0.12	1.7	4.8	136	0.34	10.4	4.7	65	0.03	35.27	25.2	8.25	6.38	0.12
T6-500m	2/24/10	1104	0.11	3.3	0.03	0.4	0.40	5.6	2.2	62	0.43	13.2	6.9	97	0.11	34.68	24.6	8.20	5.44	0.24
T6-500m	5/26/10	1025	0.01	0.2	0.04	0.5	0.15	2.1	2.5	70	0.19	6	4.2	60	0.05	34.85	25.1	8.27	6.71	0.09
Geomean FY '10			1.3		0.5		3.5				10.8		73		0.06					0.17
T6-500m	8/11/10	1042	0.02	0.6	0.16	2.2	0.07	1	2.7	75	0.30	9.4	2.7	38	0.04	34.99	26.10	8.22	6.55	0.15
T6-500m	11/9/10	1037	0.03	0.8	0.13	1.8	0.15	2.1	2.5	71	0.38	11.9	4.1	57	0.08	34.94	26.50	8.29	6.13	0.03
T6-500m	1/11/11	1302	0.11	3.4	0.01	0.2	0.09	1.3	4.1	114	0.42	13.1	3.0	43	0.08	35.03	25.13	8.25	6.39	0.05
T6-500m	4/27/11	1034	0.14	4.4	0.12	1.7	0.06	0.8	6.1	171	0.41	12.7	4.0	56	0.11	34.87	24.89	8.22	6.22	0.20
Geomean FY '11			1.6		1.1		1.2				11.7		48		0.07					0.08

NELHA Water Quality Laboratory

Transect 6, Station 5

7/26/1993 - 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 (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T6-500m	7/27/11	1120	0.17	5.3	0.02	0.23	0.05	0.7	0.2	5	0.46	14.2	2.9	41	0.03	34.86	26.31	8.23	6.36	0.09
T6-500m	10/19/11	1104	0.04	1.2	0.06	0.9	0.05	0.7	2.9	82	0.39	12	3.5	49	0.05	35.09	26.71	8.26	6.98	0.15
T6-500m	1/26/12	1030	0.05	1.6	0.04	0.6	0.06	0.8	1.1	31	0.35	10.9	3.2	45	0.09	35.06	24.49	8.22	6.66	0.15
T6-500m	4/25/12	1042	0.17	5.4	0.15	2.1	0.36	5.1	3.2	89	0.44	13.6	3.8	54	0.10	34.91	24.88	8.19	6.69	0.04
Geomean	FY '12		2.7		0.7		1.2				12.6		47		0.06					0.09
T6-500m	7/25/12	1049	0.01	0.2	0.03	0.4	0.34	4.7	1.5	41	0.35	10.9	3.1	43	0.06	35.11	26.50	8.24	7.21	0.16
T6-500m	11/28/12	1041	0.12	3.6	1.06	14.9	0.31	4.4	7.4	209	0.55	16.9	4.8	67	0.03	34.96	25.23	8.20	6.59	0.15
T6-500m	1/24/13	1035	0.07	2.2	0.01	0.1	0.04	0.6	1.1	30	0.43	13.3	3.8	53	0.05	35.13	24.87	8.23	6.30	0.05
T6-500m	4/24/13	1000	0.15	4.75	0.01	0.1	0.13	1.85	3.2	89	0.55	17.15	3.6	51	0.03	35.15	25.17	8.22	6.80	0.05
Geomean	FY '13		1.7		0.5		2.2				14.3		53		0.04					0.09
T6-500m	8/6/13	1118	0.06	1.8	0.02	0.3	0.16	2.3	2.1	59	0.33	10.2	4.4	62	0.02	35.24	26.8	8.20	6.85	0.10
T6-500m	10/30/13	1027	0.13	4.1	0.17	2.4	0.06	0.8	2.0	57	0.53	16.4	5.3	75	0.02	34.90	27.1	8.22	5.84	0.11
T6-500m	2/5/14	1051	0.13	4.0	0.14	2.0	0.21	3.0	2.4	68	0.46	14.3	3.7	52	0.02	34.94	25.2	8.21	6.27	0.20
T6-500m	5/7/14	1049	0.13	3.9	0.31	4.4	0.11	1.5	2.8	78	0.45	13.9	5.4	75	0.06	34.75	25.8	8.20	5.36	0.15
Geomean	FY '14		3.3		1.6		1.7				13.5		65		0.03					0.13
T6-500m	8/6/14	1040	0.16	4.9	0.01	0.2	0.24	3.4	0.6	16	0.48	14.9	3.6	51	0.07	34.98	27.1	8.22	5.97	0.08
T6-500m	12/4/14	1120	0.08	4.6	0.06	12.6	0.09	7.8	-0.1	155	0.07	15.3	5.2	73	0.06	35.10	26.3	8.26	6.15	0.20
T6-500m	3/5/15	1137					0.17	2.4							0.10	34.70	25.5	8.29	6.60	0.11
T6-500m	6/18/15	1058	0.10	3.2	0.02	0.3	0.29	4.0	1.5	42	0.35	10.7	6.4	90	0.06	34.48	27.1	8.21	6.50	0.14
Geomean	FY '15		4.2		0.9		4.0				13.5		69		0.07					0.13
T6-500m	8/27/15	1054	0.14	4.2	0.06	0.8	0.18	2.5	2.7	77	0.19	5.9	4.7	67	0.03	34.69	28.6	8.28	5.99	0.03
T6-500m	11/18/15	1128	0.15	4.5	0.45	6.3	0.16	2.3	3.6	102	0.54	16.8	7.3	103	0.06	34.58	27.4	8.30	6.68	0.10
T6-500m	3/2/16	1005	0.11	3.3	0.06	0.8	0.39	5.5	1.1	31	0.46	14.4	6.1	85	0.08	34.81	25.4	8.26	5.71	0.09
T6-500m	5/4/16	1106	0.12	3.6	0.09	1.2	0.21	3.0	1.5	42	0.27	8.4	4.1	58	0.08	34.69	26.0	8.19	6.01	0.28
Geomean	FY '16		3.9		1.5		3.1				10.5		76		0.06					0.09
T6-500m	7/7/16	1106	0.07	2.1	1.06	14.8	0.49	6.8	0.4	12	0.41	12.8	2.1	29	0.10	34.68	27.1	8.33	6.70	0.22
T6-500m	12/21/16	1147	0.04	1.1	0.16	2.3	0.04	0.5	1.6	45	0.35	10.9	4.4	62	0.03	34.67	25.6	8.28	5.76	0.19
T6-500m	3/1/17	1215	0.01	0.3	0.01	0.1	0.07	1.0	0.2	5	0.30	9.2	3.6	51	0.09	34.78	24.6	8.25	5.61	0.17
T6-500m	5/10/17	1201	0.05	1.7	0.01	0.2	0.05	0.7	0.1	3	0.22	6.9	3.3	46	0.08	34.87	25.6	8.22	4.11	0.07
Geomean	FY '17		1.0		0.9		1.2				9.7		45		0.07					0.15

NELHA Water Quality Laboratory

Transect 6, Station 5

7/26/1993 - 7/10/2025

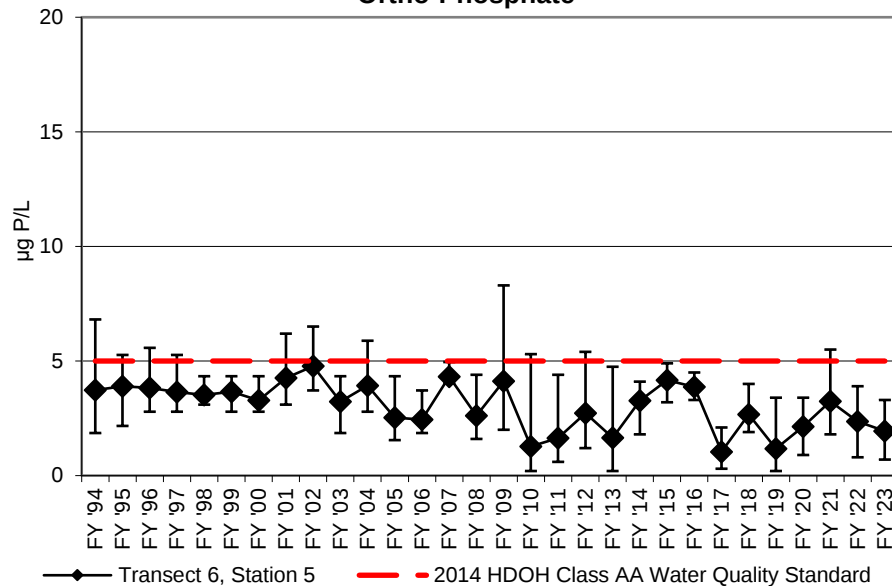
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T6-500m	9/28/17	1059	0.13	4.0	0.09	1.3	0.19	2.6	0.4	12	0.39	12.1	2.5	36	0.05	34.86	28.1	8.19	4.64	0.07
T6-500m	11/30/17	1039	0.09	2.7	0.10	1.4	0.51	7.2	1.2	33	0.36	11.2	3.6	51	0.04	35.23	26.5	8.25	5.50	0.13
T6-500m	2/6/18	1135	0.06	1.9	0.06	0.9	0.36	5.1	1.0	27.5	0.33	10.2	2.0	27.8	0.09	34.90	25.0	8.16	5.71	0.14
T6-500m	5/17/18	1051	0.08	2.5	0.13	1.8	0.17	2.4	3.3	93	0.36	11.2	3.1	43	0.05	34.81	26.2	8.16	6.31	0.12
Geomean FY '18			2.7		1.3		3.9				11.2		38		0.05					0.11
T6-500m	9/26/18	1348	0.01	0.2	0.16	2.3	0.09	1.3	0.8	22	0.33	10.3	1.8	25	0.10	34.70	27.6	8.15	4.70	0.16
T6-500m	11/14/18	1151	0.04	1.1	0.12	1.7	0.56	7.8	0.0	1	0.37	11.5	3.4	48	0.06	34.93	27.3	8.20	6.02	0.20
T6-500m	1/23/19	1137	0.08	2.6	0.04	0.5	0.08	1.1	0.1	2.0	0.37	11.4	2.2	31.0	0.06	34.82	25.2	8.20	5.01	0.23
T6-500m	4/17/19	1134	0.11	3.4	0.03	0.4	0.17	2.4	0.6	17	0.37	11.6	3.1	43	0.03	34.74	26.0	8.13	6.77	0.07
Geomean FY '19			1.2		0.9		2.3				11.2		35		0.06					0.15
T6-500m	8/15/19	1102	0.03	0.9	0.16	2.3	0.09	1.3	2.3	66	0.31	9.6	2.2	31	0.07	35.31	28.4	8.28	6.54	0.17
T6-500m	11/20/19	1215	0.11	3.4	0.04	0.5	0.09	1.3	0.5	13	0.42	13.1	3.0	42	0.06	35.21	27.7	8.22	6.49	0.12
T6-500m	1/23/20	1118	0.10	3.0	0.16	2.3	0.09	1.3	-0.7	-20.2	0.38	11.9	3.5	49.5	0.09	34.98	25.0	8.23	6.62	0.15
T6-500m	6/25/20	1039	0.07	2.3	0.16	2.3	0.06	0.9	0.5	13	0.33	10.3	2.5	36	0.06	35.54	26.4	8.18	6.60	0.22
Geomean FY '20			2.1		1.6		1.2				11.1		39		0.07					0.16
T6-500m	9/23/20	1100	0.18	5.5	0.03	0.4	0.34	4.8	0.7	19	0.37	11.6	6.2	88	0.02	36.12	26.3	8.19	5.50	0.17
T6-500m	12/16/20	1107	0.15	4.5	0.02	0.3	0.33	4.6	0.2	7	0.26	8.0	6.1	86	0.05	35.61	26.6	8.11	6.62	0.16
T6-500m	3/10/21	1112	0.08	2.5	0.12	1.7	0.35	4.9	0.5	13.0	0.31	9.7	4.2	58.3	0.07	35.71	24.8	8.09	6.75	0.19
T6-500m	5/25/21	1204	0.06	1.8	0.11	1.6	0.09	1.3	0.2	5	0.12	3.8	4.8	67	0.08	35.72	26.1	8.06	6.78	0.09
Geomean FY '21			3.2		0.8		3.4				7.6		74		0.05					0.15
T6-500m	9/24/21	1137	0.03	0.8	0.04	0.5	0.31	4.3	-0.4	-11	0.18	5.7	5.2	73	0.08	35.55	26.9	8.02	6.64	0.16
T6-500m	12/16/21	1050	0.13	3.9	0.11	1.5	0.15	2.1	1.1	31	0.26	7.9	6.9	97	0.09	35.10	26.0	8.10	6.59	0.29
T6-500m	3/16/22	1134	0.12	3.7	0.01	0.1	0.05	0.7	-0.2	-4.4	0.32	10.0	4.4	61.4	0.08	34.86	25.6	8.07	6.84	0.16
T6-500m	6/9/22	1032	0.09	2.7	0.13	1.8	0.28	3.9	0.7	19	0.27	8.5	4.9	69	0.10	34.47	26.6	8.02	6.72	0.16
Geomean FY '22			2.4		0.6		2.2				7.9		74		0.09					0.19
T6-500m	9/22/22	1038	0.08	2.5	0.06	0.9	0.09	1.3	-0.1	-4	0.07	2.1	5.2	72	0.20	34.91	27.4	8.09	6.65	0.20
T6-500m	12/27/22	1214	0.08	2.5	0.06	0.9	0.09	1.2	0.4	12	0.11	3.5	4.9	69	0.10	34.95	25.9	8.15	6.74	0.26
T6-500m	3/16/23	1007	0.11	3.3	0.12	1.7	0.22	3.1	1.6	45.0	0.32	10.0	8.6	121.0	0.13	34.67	25.0	8.07	6.94	0.24
T6-500m	6/1/23	1055	0.02	0.7	0.07	1.0	0.09	1.3	0.3	7	0.19	5.9	4.9	68	0.11	34.75	25.9	8.09	6.74	0.17
Geomean FY '23			1.9		1.1		1.6				4.6		80		0.13					0.21

NELHA Water Quality Laboratory

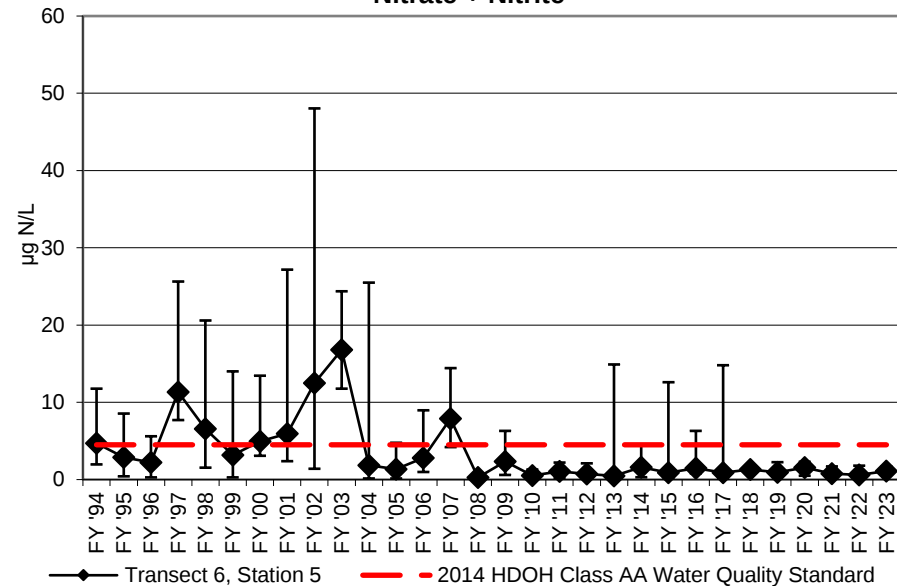
Transect 6, Station 5

7/26/1993 - 7/10/2025

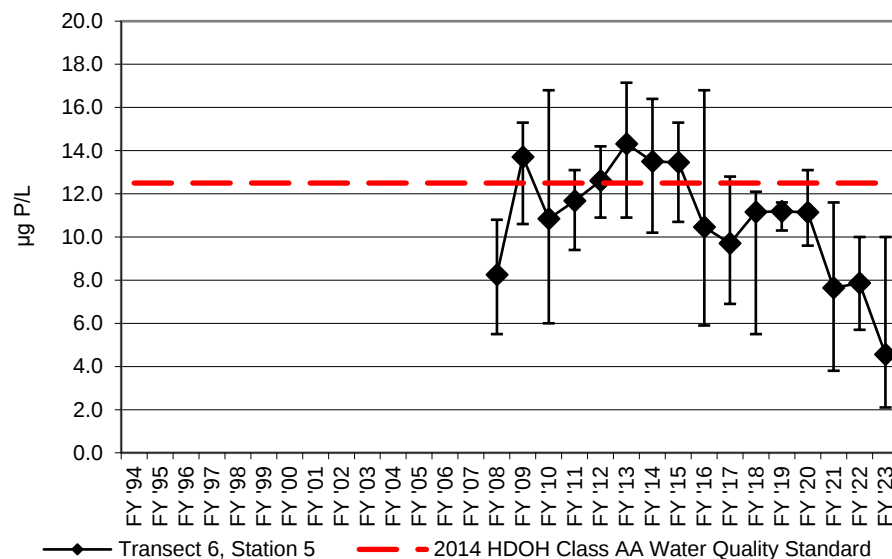
**Yearly Geometric Mean
Ortho-Phosphate**



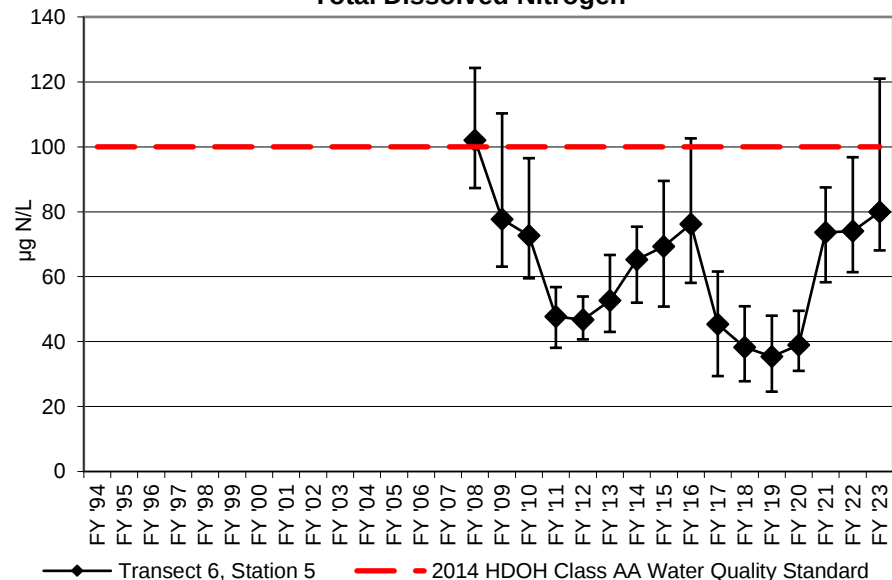
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

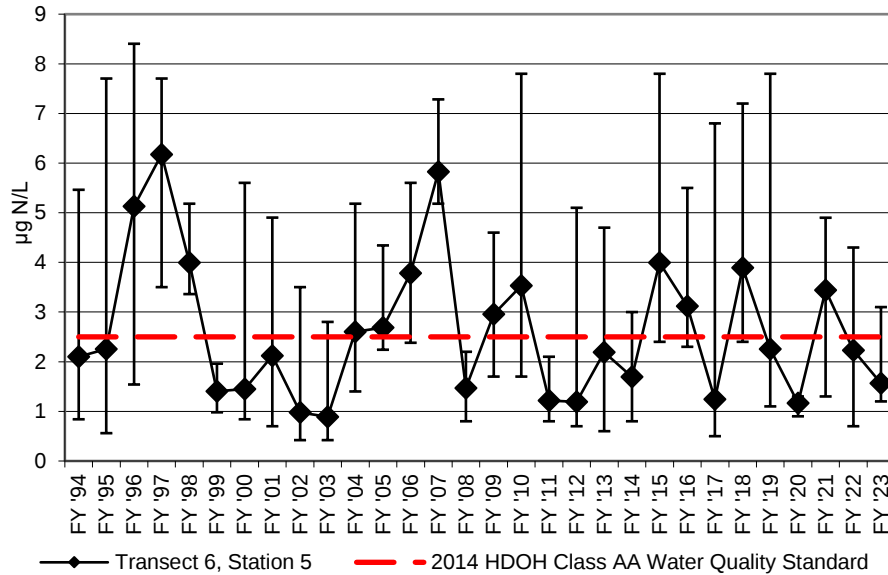


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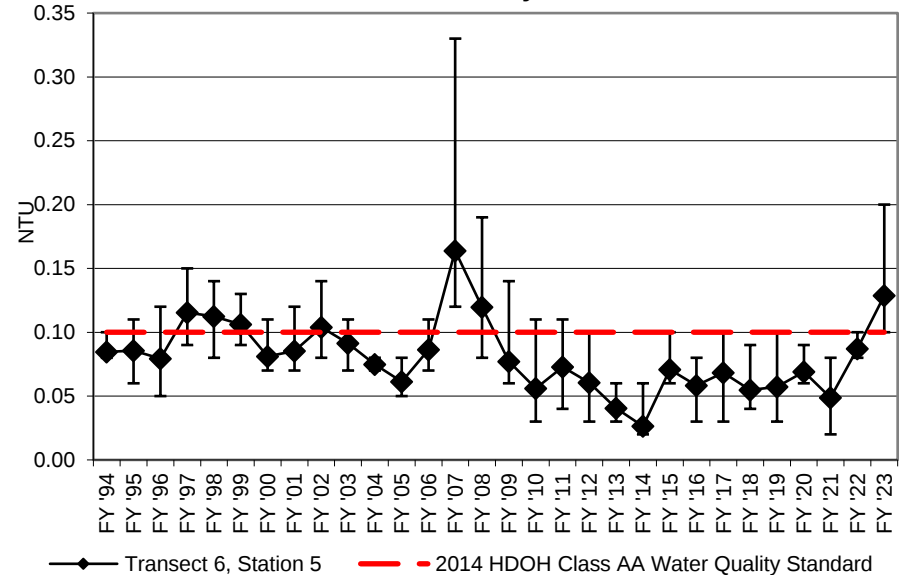
Transect 6, Station 5

7/26/1993 - 7/10/2025

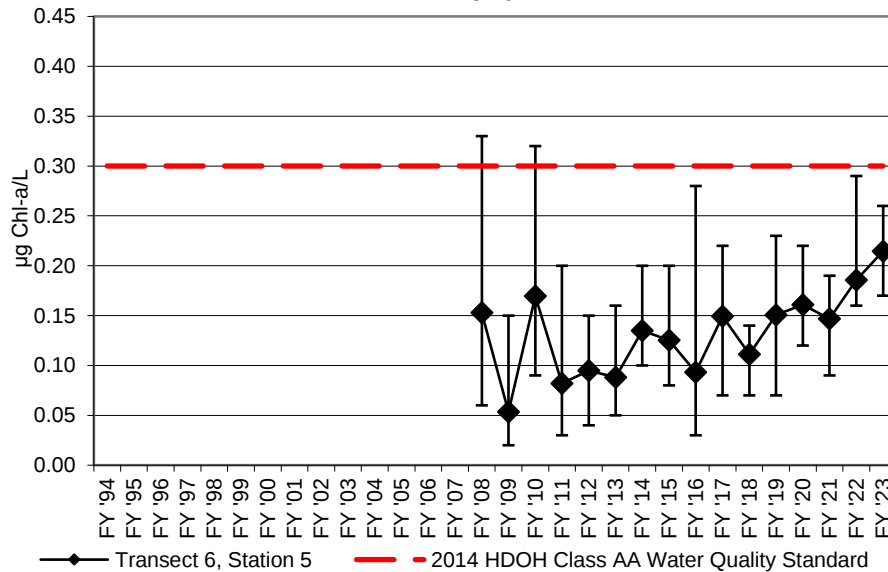
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 6

July 2018 - June 2019

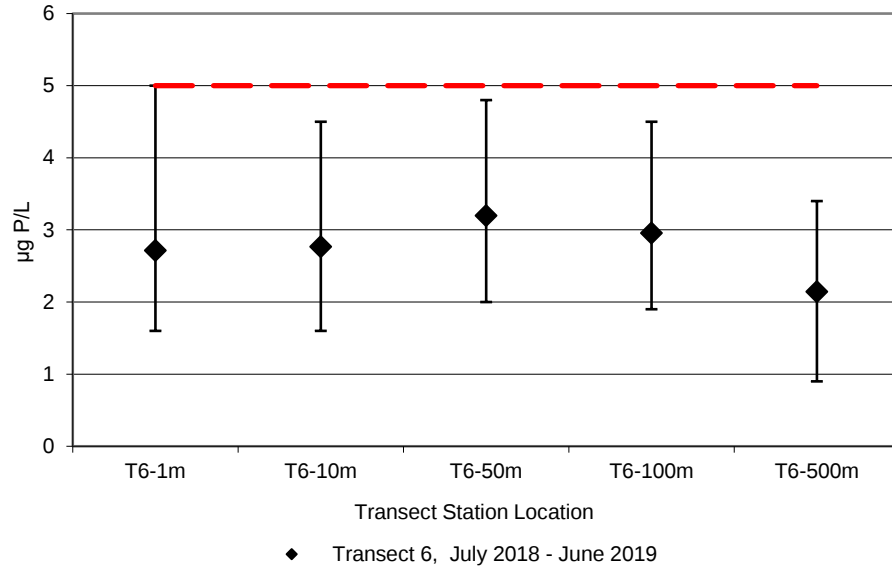
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	8/15/19	1036	0.2	Flood	0.05	1.7	0.11	1.6	0.14	2.0	4.7	133	0.31	9.5	2.28	32	0.11	35.19	28.2	8.27	6.78	0.14
T6-1m	11/20/19	1149	1.8	High	0.13	4.0	0.34	4.7	0.75	10.5	0.0	37	0.37	11.6	2.82	40	0.11	35.15	27.6	8.23	6.84	0.13
T6-1m	1/23/20	1058	0.5	Flood	0.16	5.0	0.65	9.1	0.06	0.9	0.0	185	0.42	13.0	4.46	63	0.25	34.76	24.8	8.22	7.07	0.15
T6-1m	6/25/20	1018	0.3	Ebb	0.05	1.6	0.34	4.8	0.15	2.1	0.0	97	0.27	8.3	2.98	42	0.06	35.44	26.0	8.18	6.61	0.21
Geomear FY '20					0.09	2.7	0.30	4.3	0.18	2.5			0.34	10.4	3.04	42.6	0.12					0.15
T6-10m	8/15/19	1041	0.2	Flood	0.05	1.6	0.03	0.4	0.08	1.1	4.6	130	0.31	9.6	2.14	30	0.12	35.20	28.2	8.27	6.66	0.13
T6-10m	11/20/19	1155	1.8	High	0.13	3.9	0.28	3.9	0.51	7.2	0.0	38	0.40	12.4	2.74	38	0.08	35.15	27.6	8.24	6.97	0.13
T6-10m	1/1/20	1101	0.5	Flood	0.15	4.5	0.56	7.8	0.09	1.2	0.0	178	0.40	12.5	4.01	56	0.15	34.78	24.8	8.24	7.05	0.20
T6-10m	6/25/20	1022	0.3	Ebb	0.07	2.1	0.14	2.0	0.20	2.8	0.0	79	0.30	9.4	2.76	39	0.06	35.48	26.0	8.18	6.55	0.21
Geomear FY '20					0.09	2.8	0.16	2.2	0.16	2.3			0.35	10.9	2.84	39.8	0.10					0.16
T6-50m	8/15/19	1048	0.3	Flood	0.06	2.0	0.08	1.1	0.09	1.3	5.2	146	0.33	10.3	2.14	30	0.10	35.20	28.2	8.28	6.67	0.16
T6-50m	11/20/19	1201	1.8	High	0.11	3.3	0.12	1.7	0.33	4.6	0.0	20	0.41	12.8	4.01	56	0.08	35.18	27.6	8.23	6.67	0.15
T6-50m	1/1/20	1106	0.5	Flood	0.15	4.8	0.49	6.8	0.41	5.7	0.0	157	0.43	13.3	4.01	56	0.21	34.77	24.8	8.25	7.07	0.14
T6-50m	6/25/20	1027	0.3	Ebb	0.11	3.3	0.14	1.9	0.19	2.7	0.0	110	0.32	9.8	2.58	36	0.07	35.42	26.1	8.19	6.69	0.21
Geomear FY '20					0.10	3.2	0.16	2.2	0.22	3.1			0.37	11.4	3.07	43.0	0.10					0.16
T6-100m	8/15/19	1053	0.3	Flood	0.06	1.9	0.08	1.1	0.09	1.3	5.3	149	0.33	10.2	2.43	34	0.09	35.21	28.3	8.28	6.70	0.17
T6-100m	11/20/19	1206	1.8	High	0.10	3.2	0.05	0.7	0.09	1.3	0.0	9	0.42	13.0	2.77	39	0.06	35.19	27.7	8.22	6.44	0.14
T6-100m	1/1/20	1113	0.5	Flood	0.15	4.5	0.14	2.0	0.09	1.3	0.0	102	0.42	12.9	4.18	59	0.13	34.87	24.9	8.25	6.93	0.16
T6-100m	6/25/20	1032	0.3	Ebb	0.09	2.8	0.01	0.2	0.09	1.3	0.0	97	0.35	10.7	3.16	44	0.08	35.41	26.1	8.18	6.63	0.24
Geomear FY '20					0.10	3.0	0.05	0.7	0.09	1.3			0.38	11.6	3.07	43.0	0.09					0.17
T6-500m	8/15/19	1102	0.3	Flood	0.03	0.9	0.16	2.3	0.09	1.3	2.3	66	0.31	9.6	2.21	31	0.07	35.31	28.4	8.28	6.54	0.17
T6-500m	11/20/19	1215	1.8	High	0.11	3.4	0.04	0.5	0.09	1.3	0.0	13	0.42	13.1	3.01	42	0.06	35.21	27.7	8.22	6.49	0.12
T6-500m	1/1/20	1118	0.5	Flood	0.10	3.0	0.16	2.3	0.09	1.3	0.0	-20	0.38	11.9	3.53	50	0.09	34.98	25.0	8.23	6.62	0.15
T6-500m	6/25/20	1039	0.3	Ebb	0.07	2.3	0.16	2.3	0.06	0.9	0.0	13	0.33	10.3	2.54	36	0.06	35.54	26.4	8.18	6.60	0.22
Geomear FY '20					0.07	2.1	0.11	1.6	0.08	1.2			0.36	11.1	2.78	38.9	0.07					0.16

NELHA Water Quality Laboratory

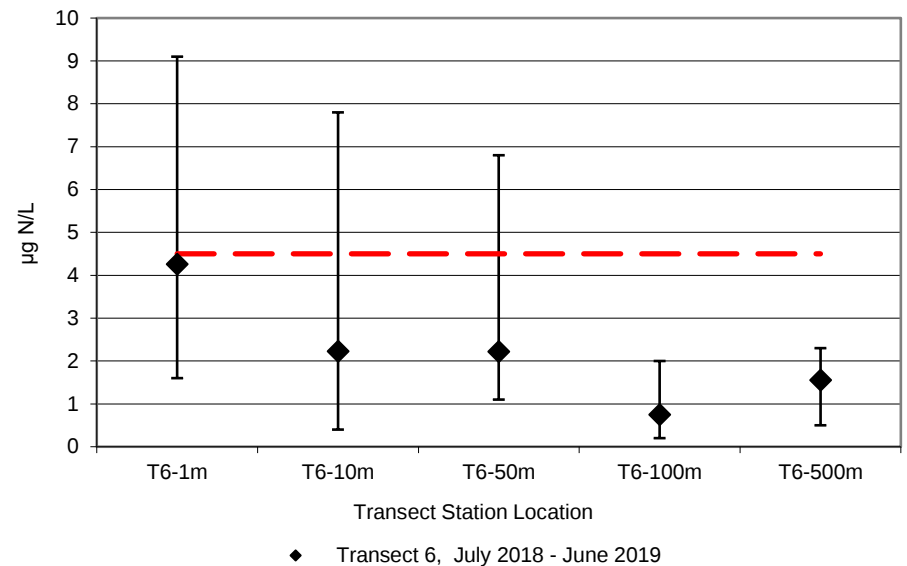
Transect 6

July 2018 - June 2019

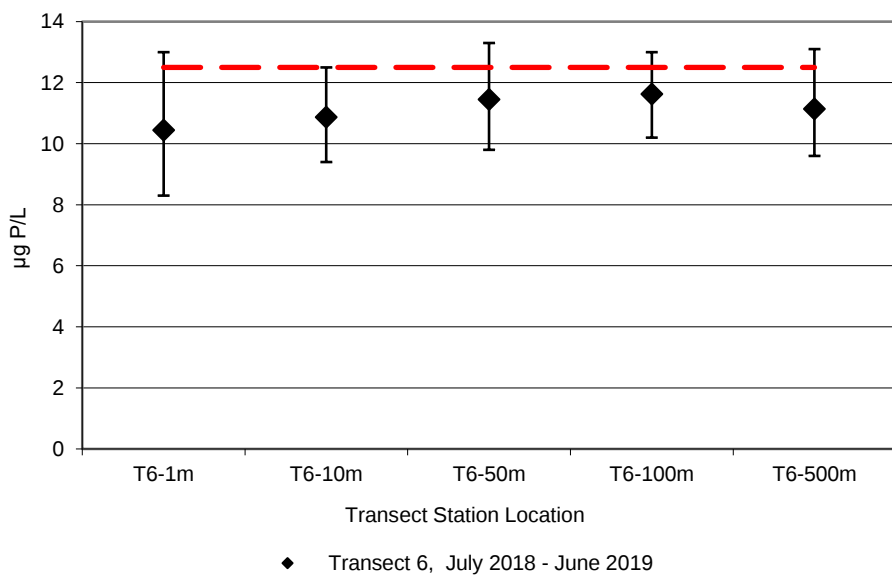
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



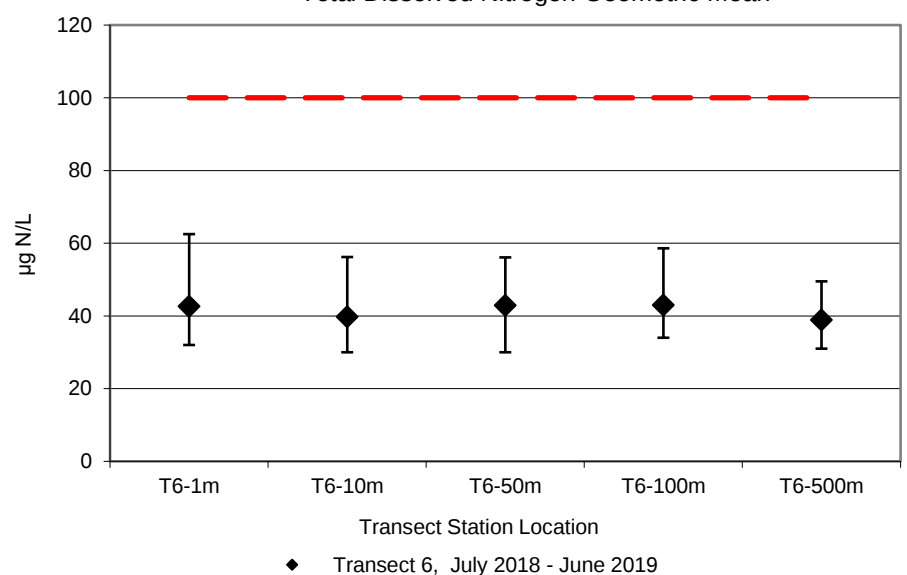
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

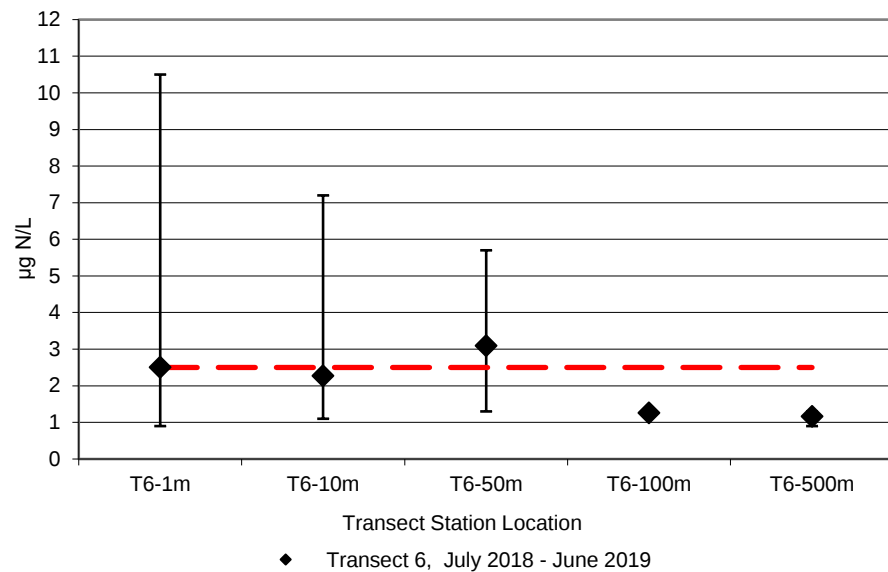


NELHA Water Quality Laboratory

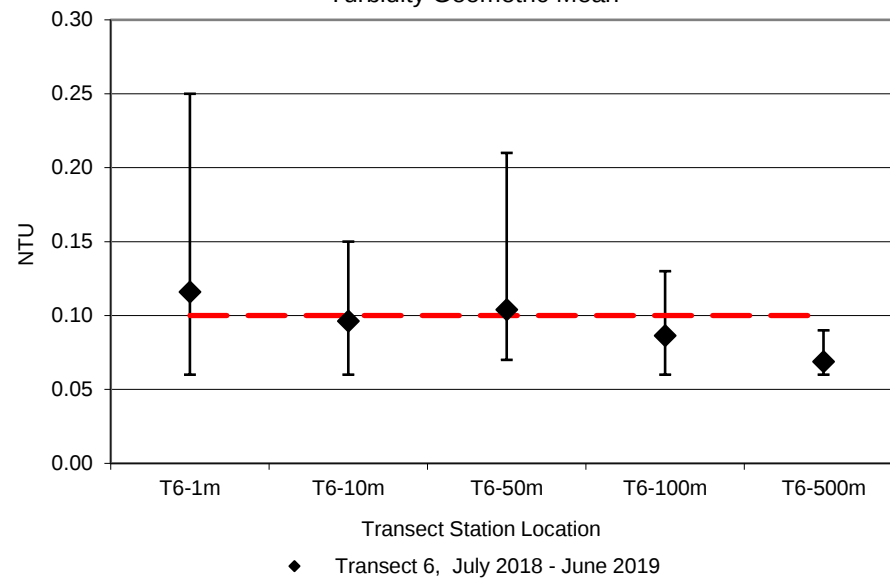
Transect 6

July 2018 - June 2019

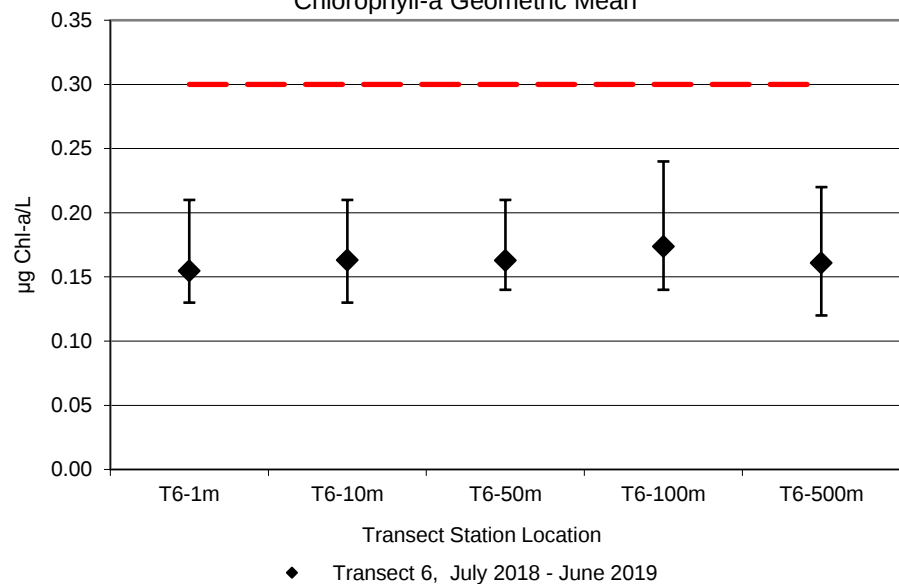
Transect 6 Station Summary
Total Ammonia Geometric Mean



Transect 6 Station Summary
Turbidity Geometric Mean



Transect 6 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 6

July 2018 - June 2019

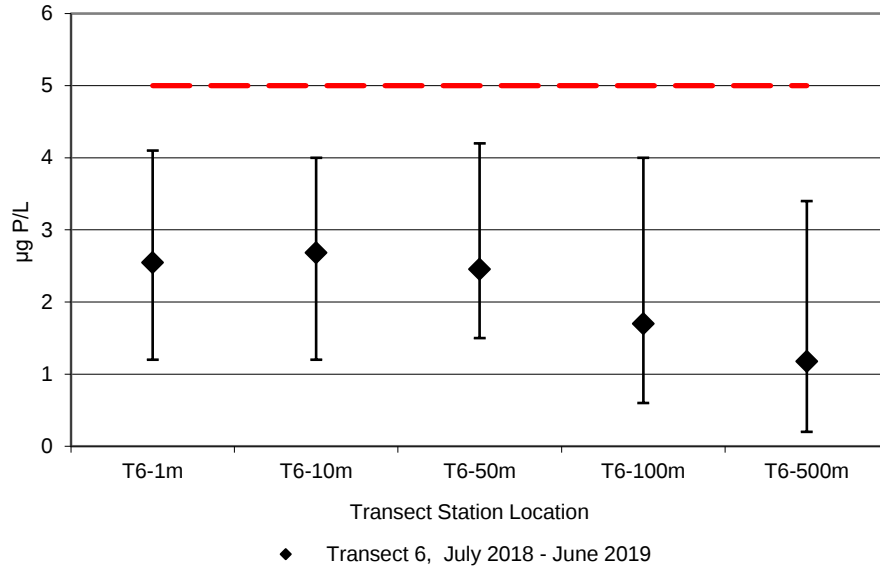
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(o/oo)	(°C)		(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	9/26/18	1324	0.8	Flood	0.04	1.2	0.08	1.1	0.26	3.6	4.5	125	0.35	10.9	2.9	40	0.09	34.58	27.8	8.16	4.73	0.15
T6-1m	#####	1129	1.5	Ebb	0.08	2.6	0.86	12.0	0.48	6.7	3.2	89	0.36	11.0	4.9	69	0.10	34.77	27.3	8.22	6.58	0.20
T6-1m	1/23/19	1113	0.2	Low	0.11	3.3	0.35	4.9	0.20	2.8	4.4	123	0.38	11.8	2.5	35	0.10	34.83	24.9	8.19	5.08	0.20
T6-1m	4/17/19	1108	0.6	Flood	0.13	4.1	0.29	4.0	0.20	2.8	2.0	55	0.39	12.0	3.1	44	0.06	34.67	25.7	8.13	7.07	0.1
Geomear FY '19					0.08	2.5	0.29	4.0	0.3	3.7			0.4	11.4	3.2	45	0.09					0.16
T6-10m	9/26/18	1329	0.8	Flood	0.04	1.2	0.16	2.3	0.16	2.2	1.4	38	0.35	10.7	3.2	45	0.10	34.67	27.7	8.15	4.75	0.13
T6-10m	#####	1133	1.5	Ebb	0.10	3.1	1.61	22.5	0.48	6.7	6.9	195	0.35	10.9	6.3	89	0.10	34.71	27.3	8.22	6.54	0.26
T6-10m	1/23/19	1118	0.2	Low	0.11	3.5	0.55	7.7	0.10	1.4	5.3	149	0.37	11.6	4.8	68	0.10	34.77	24.9	8.19	5.09	0.18
T6-10m	4/17/19	1112	0.6	Flood	0.13	4.0	0.32	4.5	0.25	3.5	2.2	61	0.36	11.2	2.5	35	0.04	34.67	25.7	8.13	7.03	0.1
Geomear FY '19					0.09	2.7	0.46	6.5	0.21	2.9			0.36	11.1	3.9	55	0.08					0.16
T6-50m	9/26/18	1335	0.8	Flood	0.05	1.5	0.16	2.3	0.11	1.5	2.2	61	0.37	11.5	3.3	46	0.10	34.66	27.6	8.16	4.50	0.12
T6-50m	#####	1139	1.5	Ebb	0.05	1.7	0.49	6.9	0.19	2.7	1.4	38	0.34	10.6	5.6	78	0.09	34.87	27.3	8.20	6.18	0.27
T6-50m	1/23/19	1123	0.2	Low	0.11	3.4	0.49	6.8	0.17	2.4	5.6	156	0.39	12.1	2.5	35	0.08	34.78	24.9	8.18	5.13	0.2
T6-50m	4/17/19	1120	0.6	Flood	0.14	4.2	0.39	5.4	0.23	3.2	2.8	77	0.39	12.0	2.5	35	0.07	34.67	25.7	8.13	7.07	0.12
Geomear FY '19					0.08	2.5	0.35	4.9	0.17	2.4			0.37	11.5	3.3	46	0.08					0.17
T6-100m	9/26/18	1341	0.8	Flood	0.02	0.6	0.16	2.3	0.09	1.3	1.7	47	0.33	10.3	1.9	27	0.13	34.67	27.6	8.16	4.82	0.15
T6-100m	#####	1144	1.5	Ebb	0.03	1.0	0.25	3.5	0.44	6.1	0.7	21	0.33	10.1	6.0	84	0.07	34.90	27.4	8.20	6.17	0.14
T6-100m	1/23/19	1128	0.2	Low	0.11	3.5	0.52	7.3	0.19	2.7	4.5	127	0.39	12.0	2.7	38	0.05	34.92	25.0	8.19	4.98	0.14
T6-100m	4/17/19	1125	0.6	Flood	0.13	4.0	0.31	4.3	0.46	6.4	2.2	62	0.39	12.1	2.9	41	0.02	34.67	25.8	8.12	6.96	0.1
Geomear FY '19					0.05	1.7	0.28	4.0	0.24	3.4			0.36	11.1	3.1	43	0.05					0.13
T6-500m	9/26/18	1348	0.8	Flood	0.01	0.2	0.16	2.3	0.09	1.3	0.8	22	0.33	10.3	1.76	25	0.1	34.70	27.6	8.15	4.70	0.16
T6-500m	#####	1151	1.5	Ebb	0.04	1.1	0.12	1.7	0.56	7.8	0.0	1	0.37	11.5	3.43	48	0.06	34.93	27.3	8.20	6.02	0.20
T6-500m	1/23/19	1137	0.2	Low	0.08	2.6	0.04	0.5	0.08	1.1	0.1	2	0.37	11.4	2.21	31	0.06	34.82	25.2	8.20	5.01	0.23
T6-500m	4/17/19	1134	0.6	Flood	0.11	3.4	0.03	0.4	0.17	2.4	0.6	17	0.37	11.6	3.07	43	0.03	34.74	26.0	8.13	6.77	0.07
Geomear FY '19					0.04	1.2	0.07	0.9	0.16	2.3			0.36	11.2	2.5	35	0.06					0.15

NELHA Water Quality Laboratory

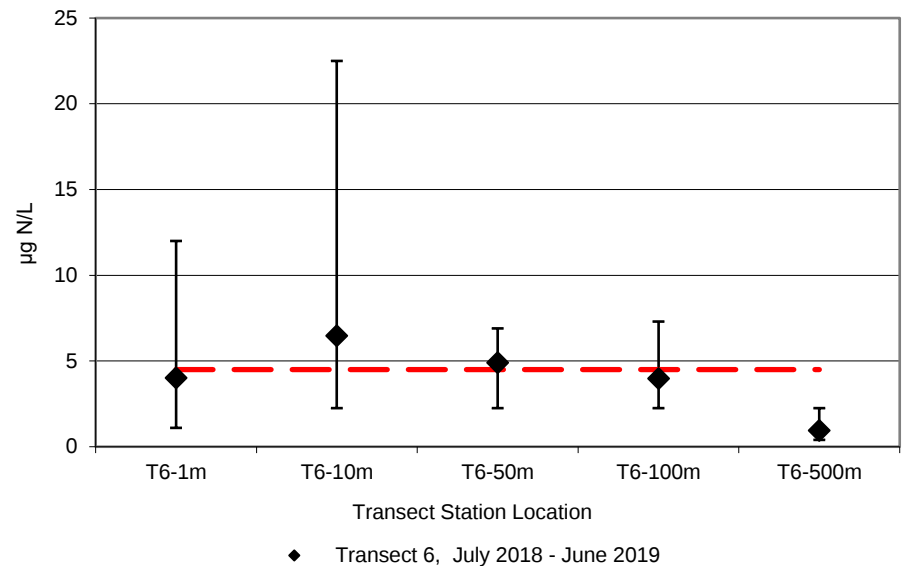
Transect 6

July 2018 - June 2019

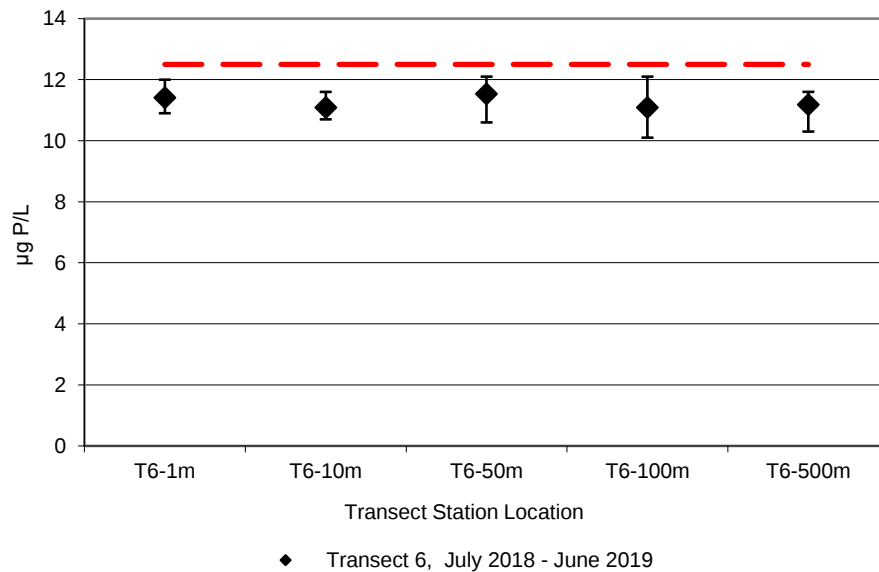
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



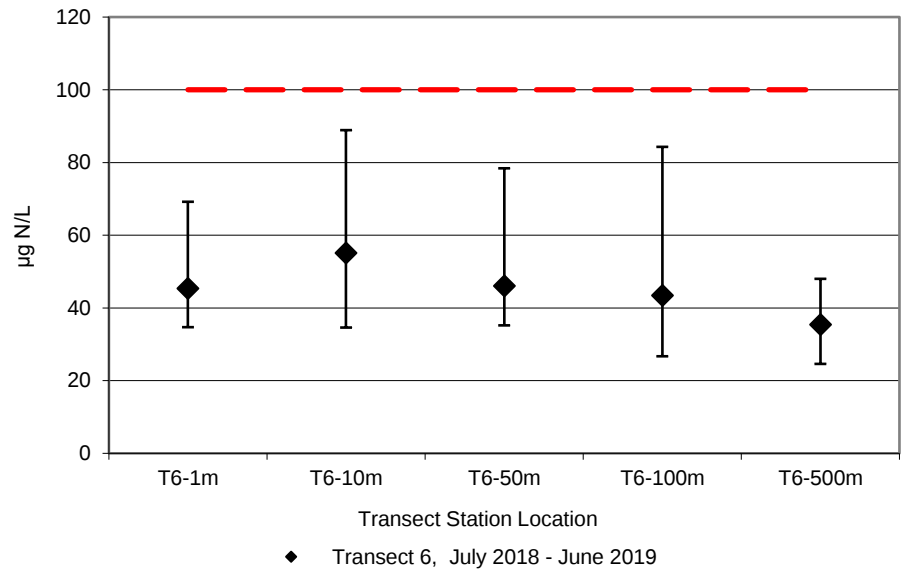
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

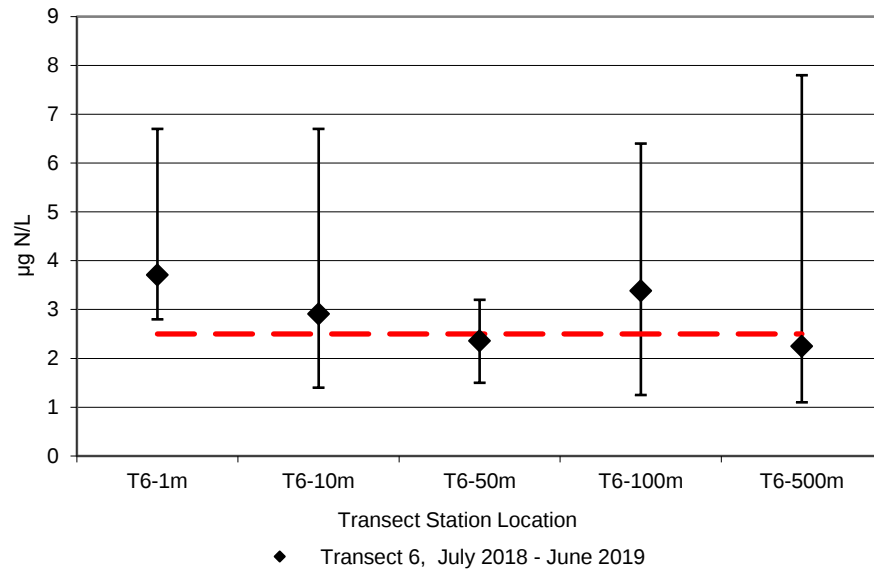


NELHA Water Quality Laboratory

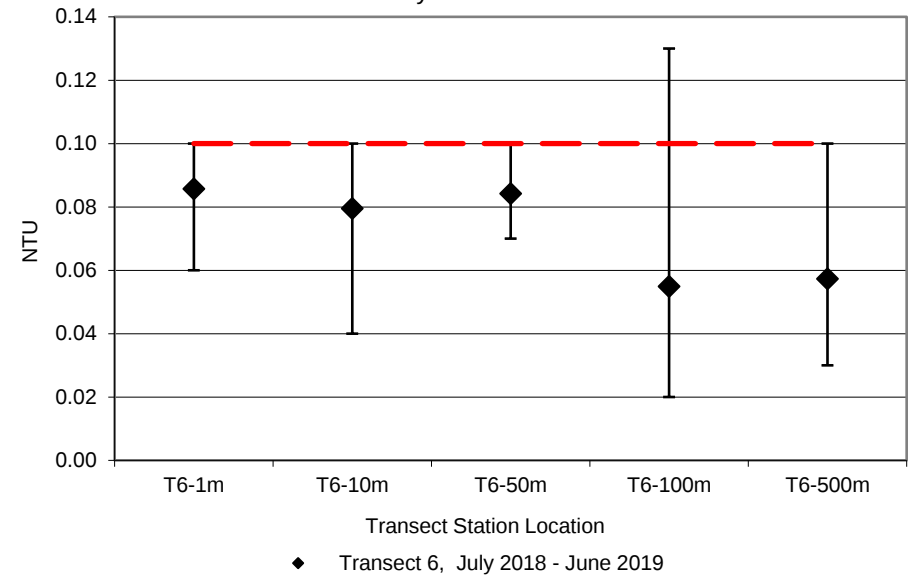
Transect 6

July 2018 - June 2019

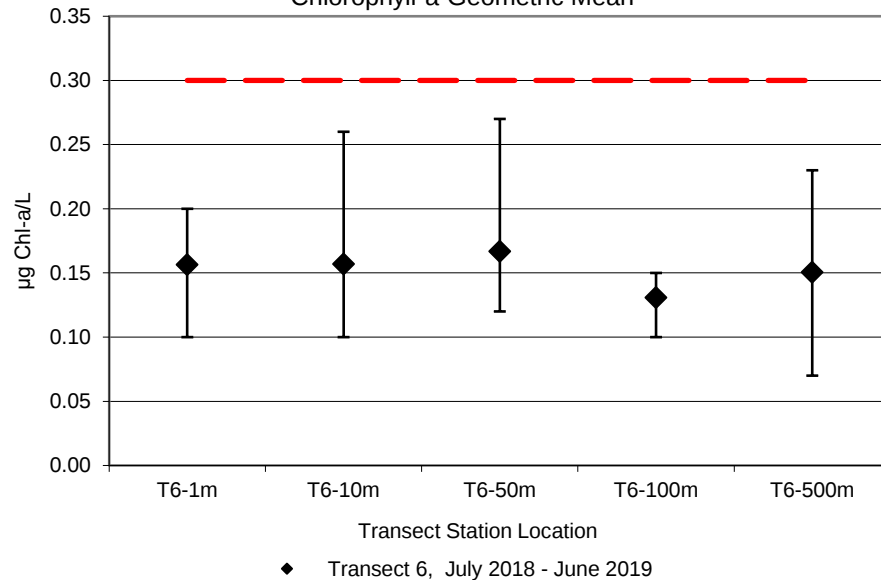
Transect 6 Station Summary
Total Ammonia Geometric Mean



Transect 6 Station Summary
Turbidity Geometric Mean



Transect 6 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 6

July 2017 - June 2018

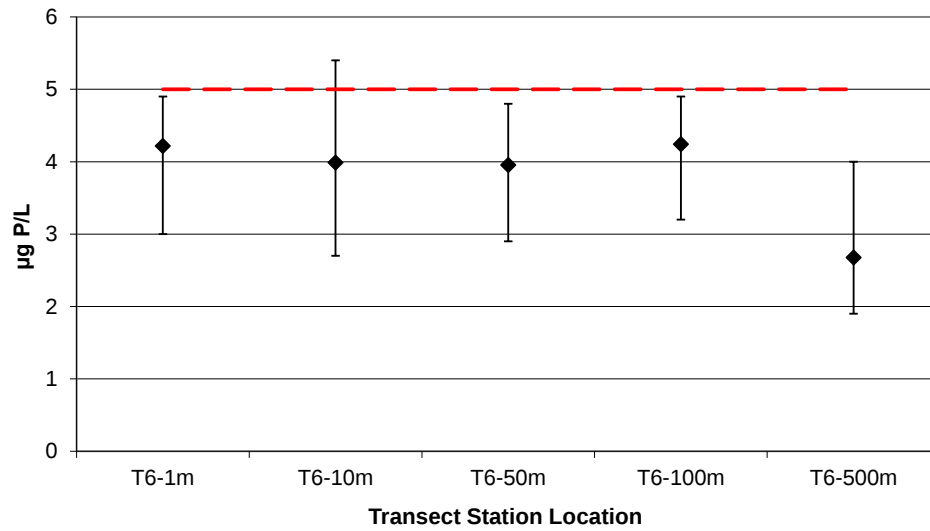
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T6-1m	9/28/17	1033	1.6 High	0.16	4.9	0.56	7.8	0.39	5.5	4.3	122	0.41	12.6	3.3	46	0.10	34.67	27.6	8.18	4.84	0.22
T6-1m	11/30/17	1019	1.1 Flood	0.16	4.9	1.56	21.9	0.61	8.5	7.6	212	0.41	12.6	5.3	74	0.08	35.00	26.2	8.24	5.59	0.16
T6-1m	2/6/18	1110	0.8 Ebb	0.10	3.0	0.44	6.1	0.52	7.3	3.6	102	0.38	11.8	2.8	39	0.11	34.75	24.8	8.16	5.79	0.10
T6-1m	5/17/18	1034	-0.4 Low	0.14	4.4	1.23	17.2	0.26	3.6	10.2	288	0.42	13.0	3.1	44	0.09	34.50	26.0	8.16	6.53	0.14
Geomean	'17-'18			0.14	4.2	0.83	11.6	0.4	5.9			0.4	12.5	3.5	49	0.09					0.15
T6-10m	9/28/17	1039	1.6 High	0.17	5.4	0.46	6.5	0.27	3.8	3.8	107	0.39	12.2	3.8	54	0.10	34.72	27.6	8.18	4.76	0.20
T6-10m	11/30/17	1023	1.1 Flood	0.12	3.7	0.73	10.2	0.54	7.5	3.9	110	0.36	11.3	3.1	43	0.10	35.12	26.2	8.24	5.66	0.17
T6-10m	2/6/18	1115	0.8 Ebb	0.09	2.7	0.28	3.9	0.46	6.5	2.8	79	0.34	10.4	1.9	26	0.16	34.72	24.8	8.16	5.83	0.11
T6-10m	5/17/18	1039	-0.4 Low	0.15	4.7	1.58	22.2	0.23	3.2	11.2	314	0.42	12.9	5.0	70	0.07	34.49	25.8	8.17	6.42	0.12
Geomean	'17-'18			0.13	4.0	0.62	8.7	0.35	4.9			0.38	11.7	3.2	45	0.10					0.15
T6-50m	9/28/17	1045	1.6 High	0.13	4.0	0.33	4.6	0.20	2.8	1.7	49	0.39	12.1	2.1	29	0.06	34.81	27.7	8.18	4.64	0.14
T6-50m	11/30/17	1028	1.1 Flood	0.14	4.4	1.24	17.3	0.59	8.2	6.8	190	0.40	12.4	3.8	53	0.07	35.02	26.2	8.24	5.65	0.22
T6-50m	2/6/18	1121	0.8 Ebb	0.09	2.9	0.36	5.1	0.46	6.5	3.8	106	0.35	10.7	4.3	61	0.11	34.75	24.8	8.17	5.85	0.12
T6-50m	5/17/18	1044	-0.4 Low	0.15	4.8	1.47	20.6	0.21	2.9	11.1	312	0.40	12.3	3.5	49	0.06	34.55	25.8	8.17	6.46	0.16
Geomean	'17-'18			0.13	4.0	0.68	9.6	0.33	4.6			0.38	11.9	3.3	46	0.07					0.16
T6-100m	9/28/17	1052	1.6 High	0.16	4.9	0.23	3.2	0.19	2.6	1.5	41	0.43	13.4	2.5	35	0.07	34.83	27.8	8.19	4.65	0.11
T6-100m	11/30/17	1032	1.1 Flood	0.15	4.7	1.60	22.4	0.74	10.3	8.5	239	0.41	12.8	4.7	66	0.09	34.99	26.2	8.24	5.62	0.20
T6-100m	2/6/18	1127	0.8 Ebb	0.10	3.2	0.51	7.1	0.54	7.6	4.8	135	0.35	10.9	3.7	52	0.11	34.77	24.8	8.17	5.90	0.14
T6-100m	5/17/18	1100	-0.4 Low	0.14	4.4	1.11	15.5	0.34	4.8	10.6	299	0.39	12.2	2.7	38	0.06	34.57	25.9	8.17	6.49	0.18
Geomean	'17-'18			0.14	4.2	0.67	9.4	0.40	5.6			0.40	12.3	3.3	46	0.08					0.15
T6-500m	9/28/17	1059	1.6 High	0.13	4.0	0.09	1.3	0.19	2.6	0.4	12	0.39	12.1	2.53	36	0.05	34.86	28.1	8.19	4.64	0.07
T6-500m	11/30/17	1039	1.1 Flood	0.09	2.7	0.10	1.4	0.51	7.2	1.2	33	0.36	11.2	3.63	51	0.04	35.23	26.5	8.25	5.50	0.13
T6-500m	2/6/18	1135	0.8 Ebb	0.06	1.9	0.06	0.9	0.36	5.1	1.0	28	0.33	10.2	1.98	28	0.09	34.90	25.0	8.16	5.71	0.14
T6-500m	5/17/18	1051	-0.4 Low	0.08	2.5	0.13	1.8	0.17	2.4	3.3	93	0.36	11.2	3.06	43	0.05	34.81	26.2	8.16	6.31	0.12
Geomean	'17-'18			0.09	2.7	0.09	1.3	0.28	3.9			0.36	11.2	2.7	38	0.05					0.11

NELHA Water Quality Laboratory

Transect 6

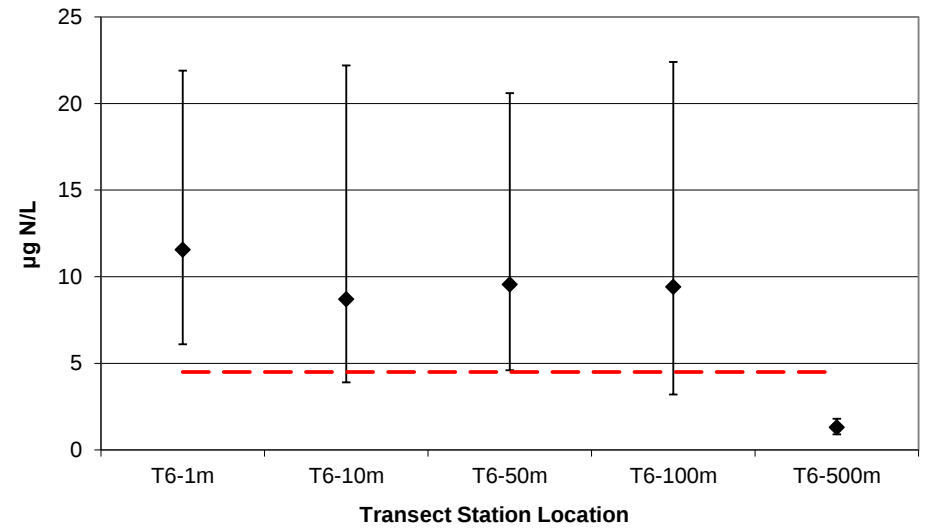
July 2017 - June 2018

Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



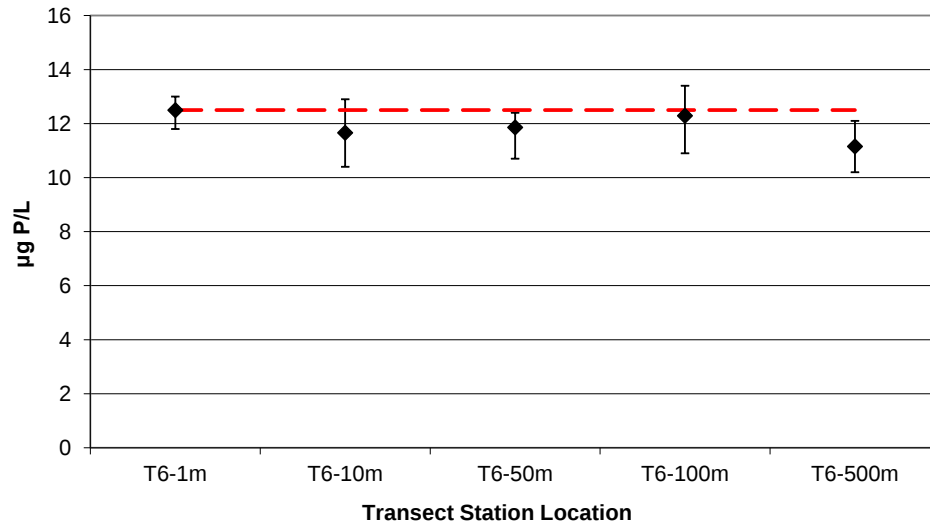
◆ Transect 6, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



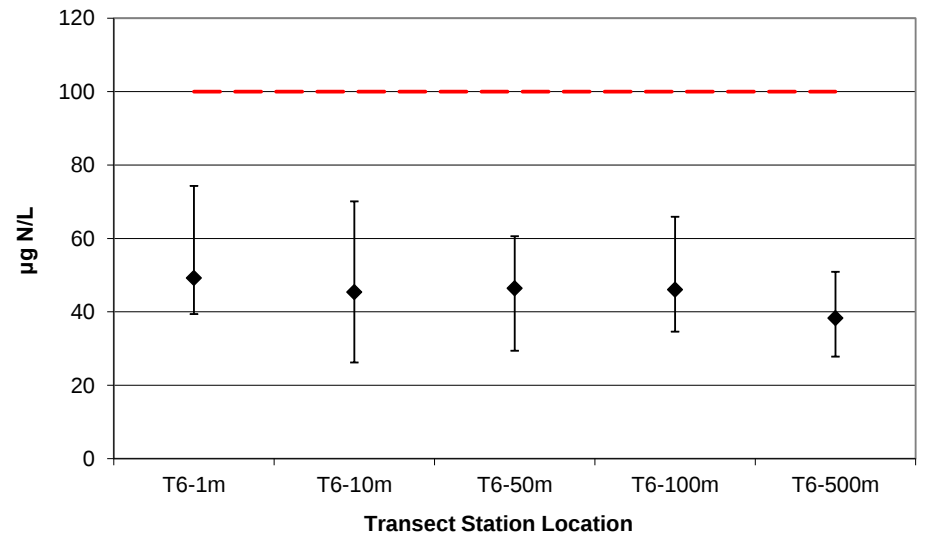
◆ Transect 6, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



◆ Transect 6, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean



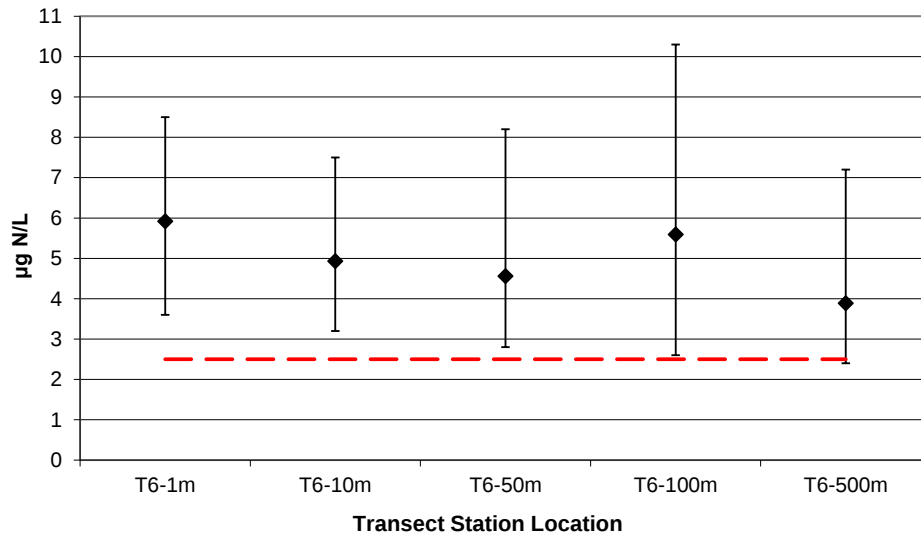
◆ Transect 6, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

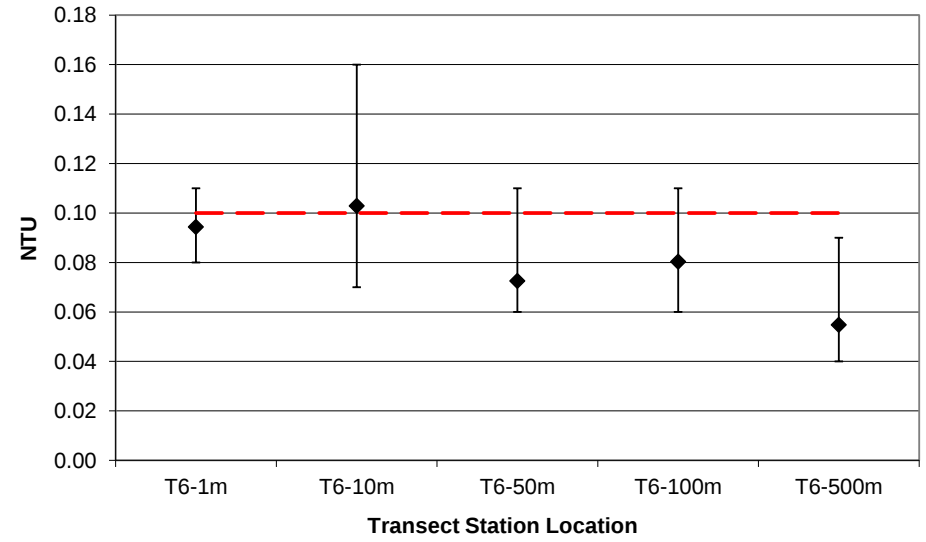
Transect 6

July 2017 - June 2018

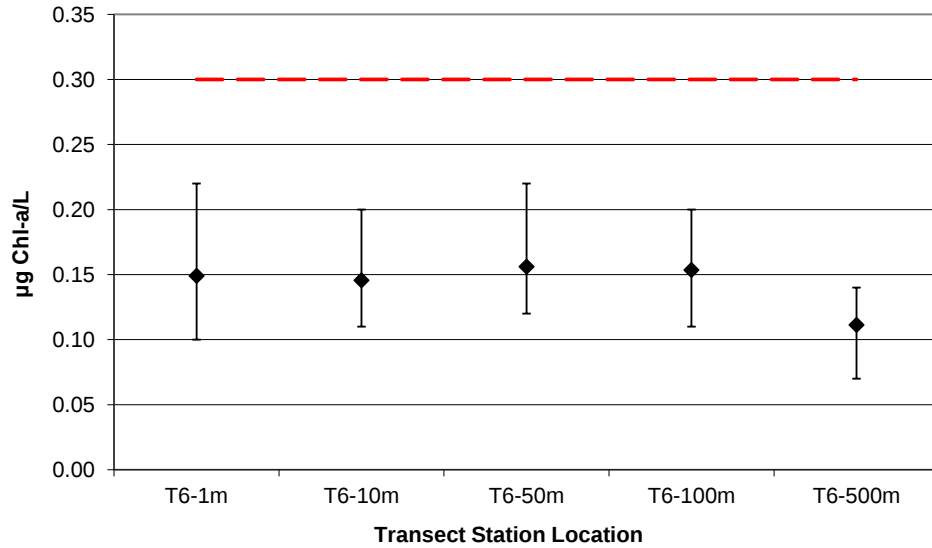
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

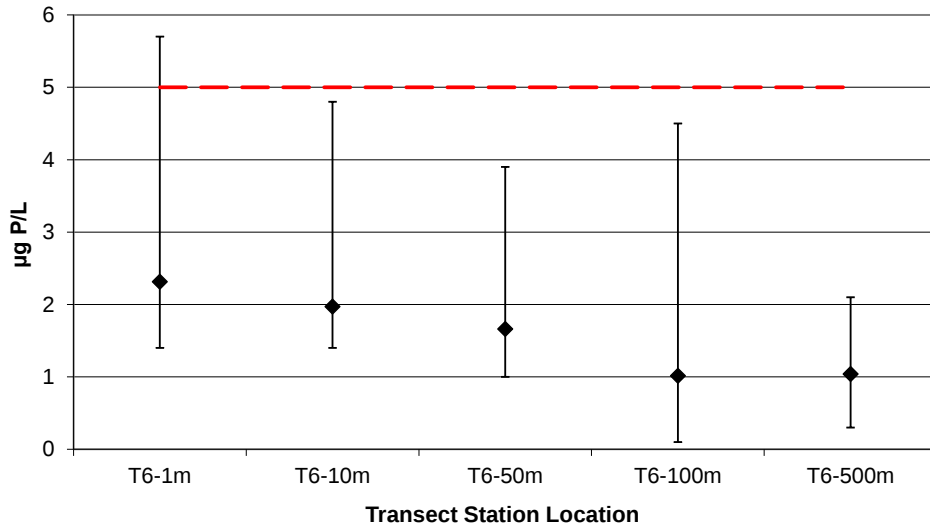
Transect 6

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 (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
T6-1m	7/7/16	1043	0.0	Low	0.18	5.7	0.89	12.5	0.43	6.0	8.9	250	0.52	16.1	5.2	73	0.09	34.38	26.4	8.32	6.65	0.13
T6-1m	12/21/16	1102	1.4	Ebb	0.08	2.4	0.42	5.9	0.27	3.8	2.7	77	0.36	11.1	3.8	53	0.03	34.61	25.6	8.28	5.87	0.12
T6-1m	3/1/17	1150	-0.1	Low	0.05	1.5	0.89	12.4	0.17	2.4	6.0	170	0.32	9.9	4.5	63	0.10	34.58	24.5	8.25	5.85	0.16
T6-1m	5/10/17	1140	0.4	Flood	0.05	1.4	0.23	3.2	0.25	3.5	2.2	62	0.26	8.0	3.8	53	0.10	34.82	25.9	8.22	4.22	0.05
Geomean	'16-'17				0.07	2.3	0.53	7.4	0.3	3.7			0.4	10.9	4.3	60	0.07					0.11
T6-10m	7/7/16	1049	0.0	Low	0.15	4.8	0.42	5.9	0.59	8.3	8.5	238	0.46	14.2	3.6	51	0.09	34.38	26.6	8.32	6.75	0.20
T6-10m	12/21/16	1115	1.4	Ebb	0.05	1.5	0.26	3.7	0.06	0.9	1.9	54	0.35	10.7	3.3	46	0.03	34.62	25.6	8.29	5.86	0.13
T6-10m	3/1/17	1155	-0.1	Low	0.05	1.5	0.77	10.8	0.09	1.2	5.7	159	0.31	9.7	5.2	73	0.10	34.60	24.6	8.26	5.83	0.18
T6-10m	5/10/17	1144	0.4	Flood	0.05	1.4	0.20	2.8	0.16	2.2	2.0	55	0.23	7.2	2.6	37	0.07	34.84	25.8	8.24	4.25	0.09
Geomean	'16-'17				0.06	2.0	0.36	5.1	0.15	2.1			0.33	10.1	3.6	50	0.07					0.14
T6-50m	7/7/16	1054	0.0	Low	0.13	3.9	0.27	3.8	0.51	7.2	6.5	182	0.46	14.3	3.0	42	0.10	34.47	26.7	8.32	6.75	0.26
T6-50m	12/21/16	1125	1.4	Ebb	0.05	1.4	0.29	4.0	0.36	5.1	2.8	80	0.36	11.0	4.4	62	0.04	34.62	25.6	8.28	5.98	0.13
T6-50m	3/1/17	1200	-0.1	Low	0.03	1.0	0.64	8.9	0.08	1.1	5.1	142	0.15	4.6	5.3	74	0.08	34.61	24.6	8.25	5.83	0.18
T6-50m	5/10/17	1149	0.4	Flood	0.05	1.4	0.18	2.5	0.10	1.4	1.7	48	0.22	6.8	4.4	61	0.09	34.83	25.8	8.24	4.15	0.15
Geomean	'16-'17				0.05	1.7	0.31	4.3	0.20	2.7			0.27	8.4	4.2	58	0.07					0.17
T6-100m	7/7/16	1059	0.0	Low	0.15	4.5	0.09	1.2	0.57	8.0	8.4	236	0.55	16.9	4.6	64	0.10	34.42	26.8	8.31	6.49	0.16
T6-100m	12/21/16	1136	1.4	Ebb	0.05	1.7	0.30	4.2	0.21	3.0	2.5	70	0.36	11.3	3.3	46	0.06	34.63	25.6	8.28	6.15	0.10
T6-100m	3/1/17	1206	-0.1	Low	0.00	0.1	0.17	2.4	0.06	0.8	1.5	42	0.29	9.1	3.6	50	0.10	34.73	24.6	8.25	5.65	0.21
T6-100m	5/10/17	1154	0.4	Flood	0.05	1.4	0.09	1.2	0.39	5.4	0.3	8	0.21	6.6	3.2	45	0.05	34.87	25.8	8.24	4.07	0.07
Geomean	'16-'17				0.03	1.0	0.14	2.0	0.23	3.2			0.33	10.3	3.6	51	0.07					0.12
T6-500m	7/7/16	1106	0.0	Low	0.07	2.1	1.06	14.8	0.49	6.8	0.4	12	0.41	12.8	2.10	29	0.1	34.68	27.1	8.33	6.70	0.22
T6-500m	12/21/16	1147	1.4	Ebb	0.04	1.1	0.16	2.3	0.04	0.5	1.6	45	0.35	10.9	4.40	62	0.03	34.67	25.6	8.28	5.76	0.19
T6-500m	3/1/17	1215	-0.1	Low	0.01	0.3	0.01	0.1	0.07	1.0	0.2	5	0.30	9.2	3.65	51	0.09	34.78	24.6	8.25	5.61	0.17
T6-500m	5/10/17	1201	0.4	Flood	0.05	1.7	0.01	0.2	0.05	0.7	0.1	3	0.22	6.9	3.28	46	0.08	34.87	25.6	8.22	4.11	0.07
Geomean	'16-'17				0.03	1.0	0.06	0.9	0.09	1.2			0.31	9.7	3.2	45	0.07					0.15

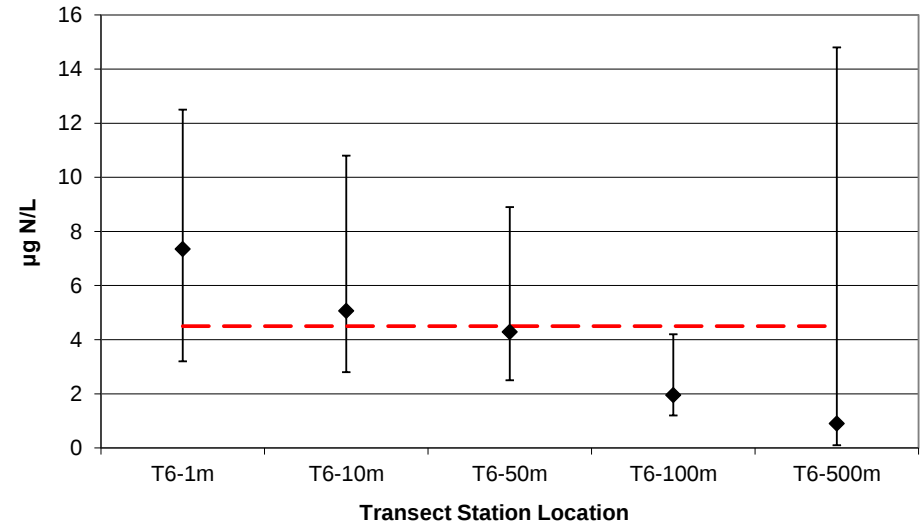
NELHA Water Quality Laboratory
Transect 6
July 2016 - June 2017

Transect 6 Station Summary
 Ortho-Phosphate Geometric Mean



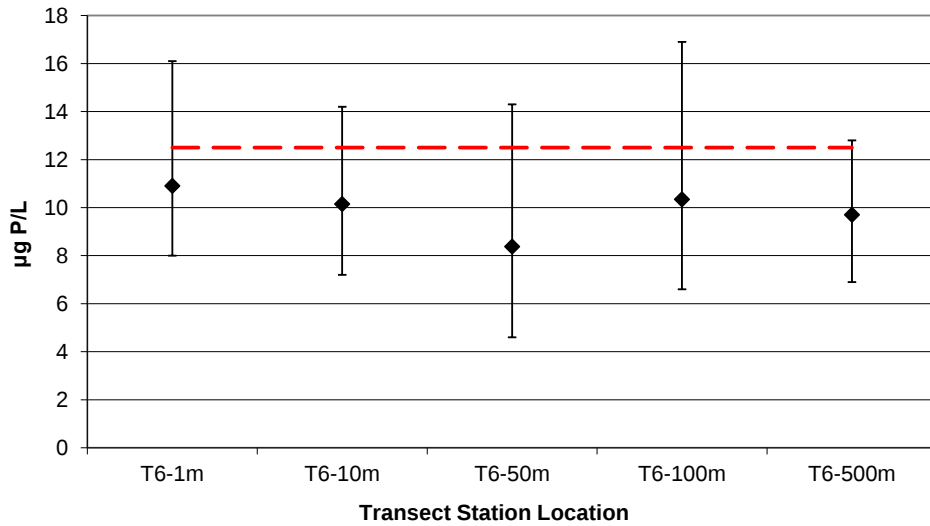
◆ Transect 6, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
 Nitrate + Nitrite Geometric Mean



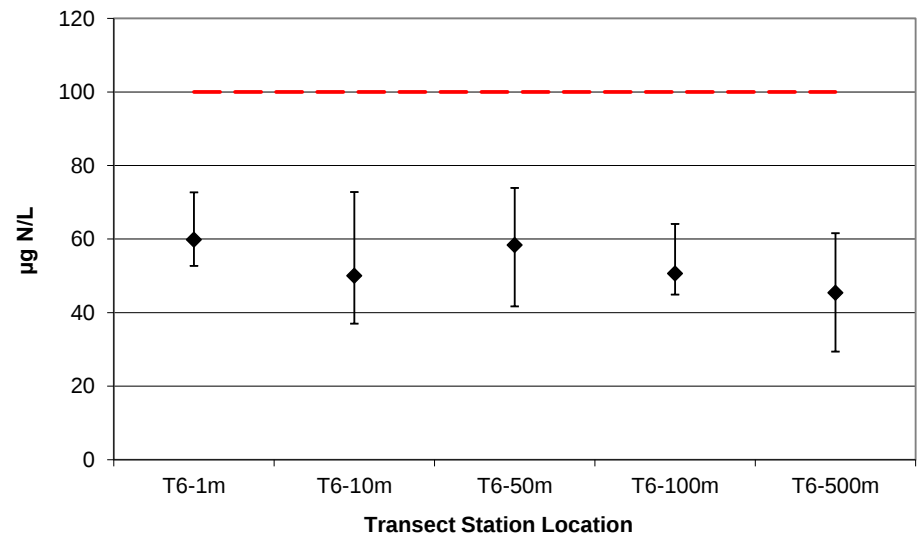
◆ Transect 6, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
 Total Dissolved Phosphorous Geometric Mean



◆ Transect 6, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

Transect 6 Station Summary
 Total Dissolved Nitrogen Geometric Mean



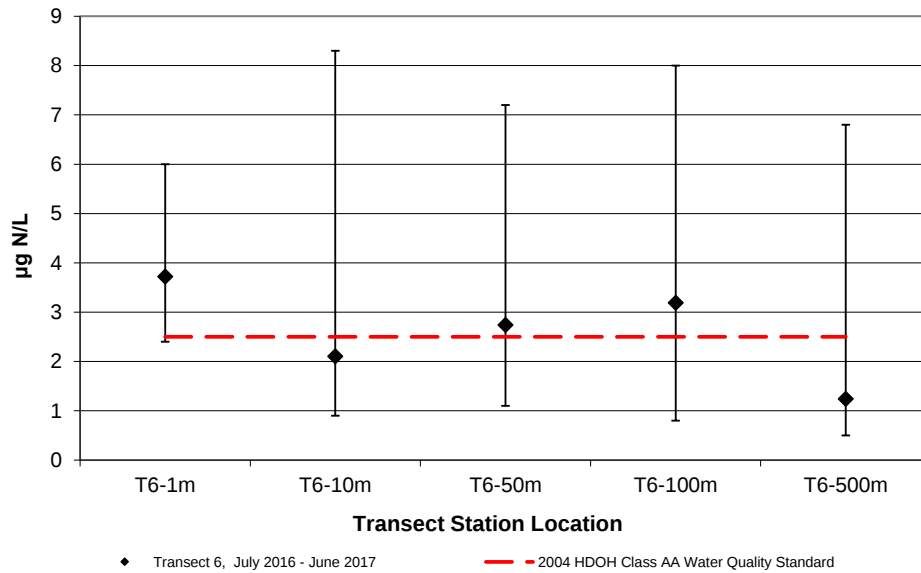
◆ Transect 6, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

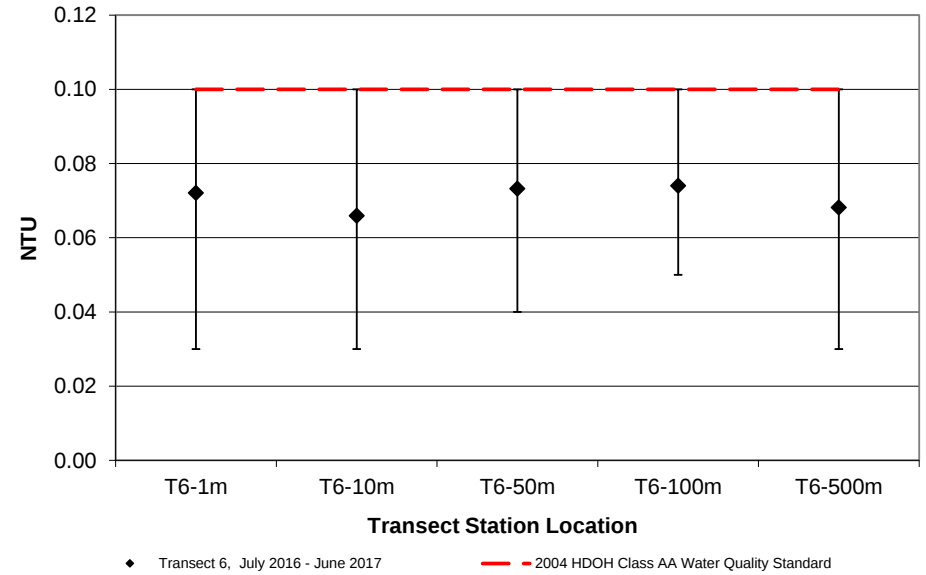
Transect 6

July 2016 - June 2017

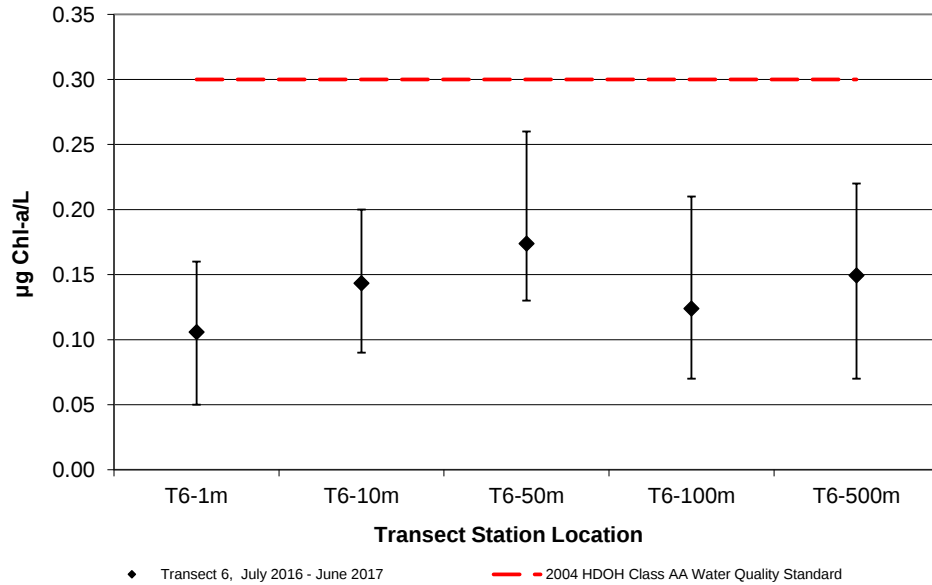
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

Transect 6

July 2014 - June 2015

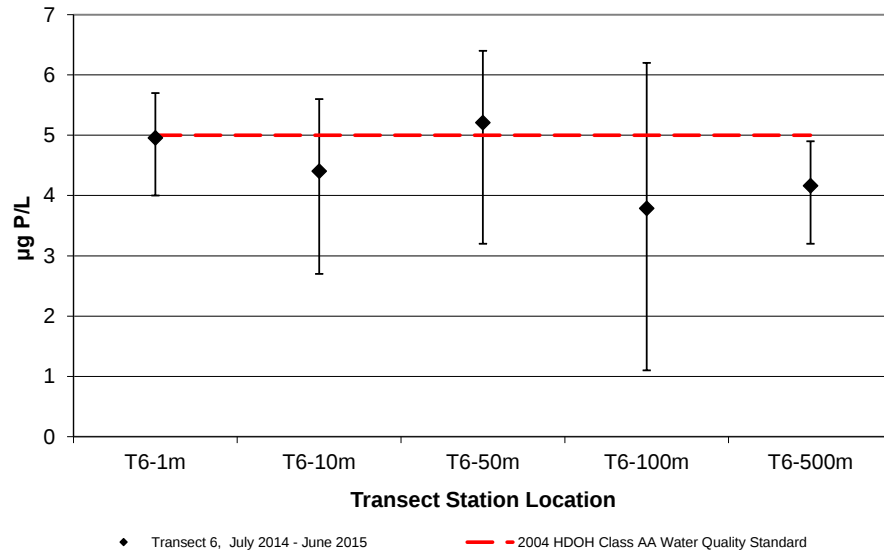
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T6-1m	8/6/14	1018	1.5 Flood	0.18 5.7	0.62 8.7	0.54 7.6	4.1 114	0.50 15.6	5.1 71	0.04	34.84	26.6	8.24	6.10	0.15
T6-1m	12/4/14	1057	0.6 Flood	0.17 5.2	1.64 23.0	0.61 8.5	8.7 244	0.52 16.2	7.9 111	0.05	34.71	25.9	8.26	6.51	0.02
T6-1m	3/5/15	1102	0.0 Flood	0.13 4.0	2.55 35.7	0.25 3.5	9.5 266	0.39 12.1	8.7 122	0.10	34.54	25.1	8.27	6.90	0.16
T6-1m	6/18/15	1028	0.0 Flood	0.16 5.1	2.61 36.6	0.47 6.6	10.1 285	0.25 7.7	12.3 173	0.06	34.18	26.5	8.21	6.89	0.17
Geomean '14-'15				0.16 5.0	1.61 22.6	0.4 6.2		0.4 12.4	8.1 113	0.06					0.10
T6-10m	8/6/14	1022	1.5 Flood	0.17 5.3	0.51 7.1	0.44 6.2	3.4 95	0.53 16.3	4.8 67	0.08	34.85	26.6	8.23	6.16	0.04
T6-10m	12/4/14	1101	0.6 Flood	0.18 5.6	2.33 32.6	0.54 7.6	10.8 304	0.52 16.1	8.0 112	0.07	34.81	26.1	8.26	6.55	0.21
T6-10m	3/5/15	1109	0.0 Flood	0.09 2.7	1.51 21.2	0.55 7.7	6.0 168	0.36 11.1	7.2 100	0.08	34.69	25.3	8.27	6.91	0.15
T6-10m	6/18/15	1034	0.0 Flood	0.15 4.7	2.51 35.1	0.44 6.2	11.6 325	0.24 7.3	9.7 135	0.08	34.11	26.5	8.21	6.89	0.12
Geomean '14-'15				0.14 4.4	1.45 20.4	0.49 6.9		0.39 12.1	7.2 101	0.08					0.11
T6-50m	8/6/14	1026	1.5 Flood	0.20 6.2	0.84 11.7	0.52 7.3	5.1 143	0.51 15.9	5.3 75	0.07	34.80	26.7	8.24	6.29	0.18
T6-50m	12/4/14	1107	0.6 Flood	0.19 5.8	1.91 26.7	0.85 11.9	11.2 314	0.58 18.1	8.9 125	0.07	34.82	26.2	8.26	6.99	0.29
T6-50m	3/5/15	1116	0.0 Flood	0.10 3.2	2.21 30.9	0.31 4.3	10.8 302	0.39 12.2	7.1 99	0.07	34.44	25.3	8.30	6.90	0.16
T6-50m	6/18/15	1041	0.0 Flood	0.21 6.4	2.68 37.5	0.43 6.0	12.5 350	0.46 14.2	8.5 120	0.08	34.06	26.5	8.21	6.99	0.18
Geomean '14-'15				0.17 5.2	1.75 24.5	0.49 6.9		0.48 14.9	7.3 103	0.07					0.20
T6-100m	8/6/14	1033	1.5 Flood	0.18 5.5	0.15 2.1	0.24 3.3	1.5 41	0.49 15.1	5.4 76	0.05	34.96	26.6	8.22	5.88	0.05
T6-100m	12/4/14	1112	0.6 Flood	0.18 5.5	1.85 25.9	0.47 6.6	14.3 402	0.61 19.0	8.9 125	0.03	34.74	26.3	8.26	6.47	0.18
T6-100m	3/5/15	1122	0.0 Flood	0.04 1.1	0.43 6.0	0.40 5.6	2.3 64	0.22 6.8	7.6 106	0.08	34.51	25.4	8.27	6.86	0.15
T6-100m	6/18/15	1047	0.0 Flood	0.20 6.2	2.63 36.8	0.43 6.0	13.3 373	0.46 14.1	11.4 160	0.07	33.91	26.6	8.19	6.63	0.28
Geomean '14-'15				0.12 3.8	0.75 10.5	0.37 5.2		0.42 12.9	8.0 113	0.05					0.14
T6-500m	8/6/14	1040	1.5 Flood	0.16 4.9	0.01 0.2	0.24 3.4	0.6 16	0.48 14.9	3.63 51	0.07	34.98	27.1	8.22	5.97	0.08
T6-500m	12/4/14	1120	0.6 Flood	0.15 4.6	0.90 12.6	0.56 7.8	5.5 155	0.49 15.3	5.23 73	0.06	35.10	26.3	8.26	6.15	0.20
T6-500m	3/5/15	1137	0.0 Flood	0.00	0.00	0.17 2.4	0.0	0.00	0.00	0.10	34.70	25.5	8.29	6.60	0.11
T6-500m	6/18/15	1058	0.0 Flood	0.10 3.2	0.02 0.3	0.29 4.0	1.5 42	0.35 10.7	6.39 90	0.06	34.48	27.1	8.21	6.5	0.14
Geomean '14-'15				#NUM! 4.2	#NUM! 0.9	0.29 4.0		#NUM! 13.5	#NUM! 69	0.07					0.13

NELHA Water Quality Laboratory

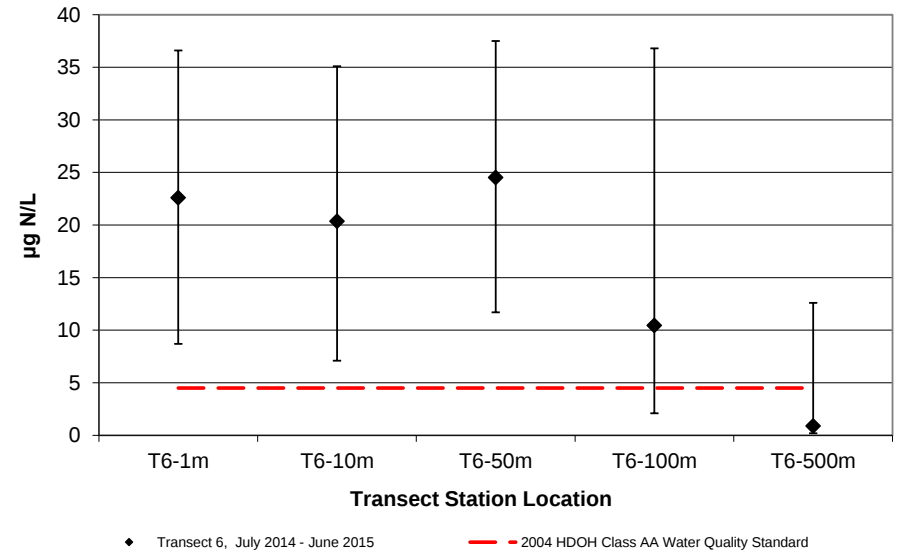
Transect 6

July 2014 - June 2015

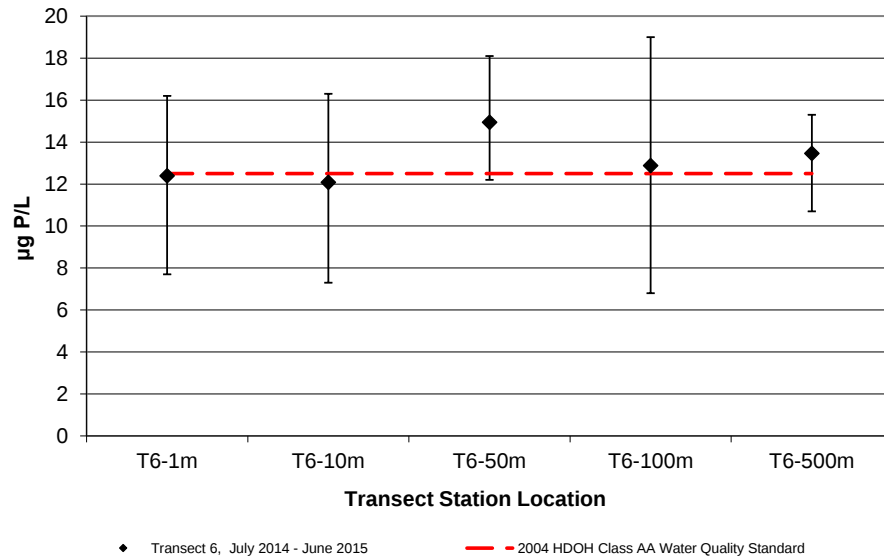
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



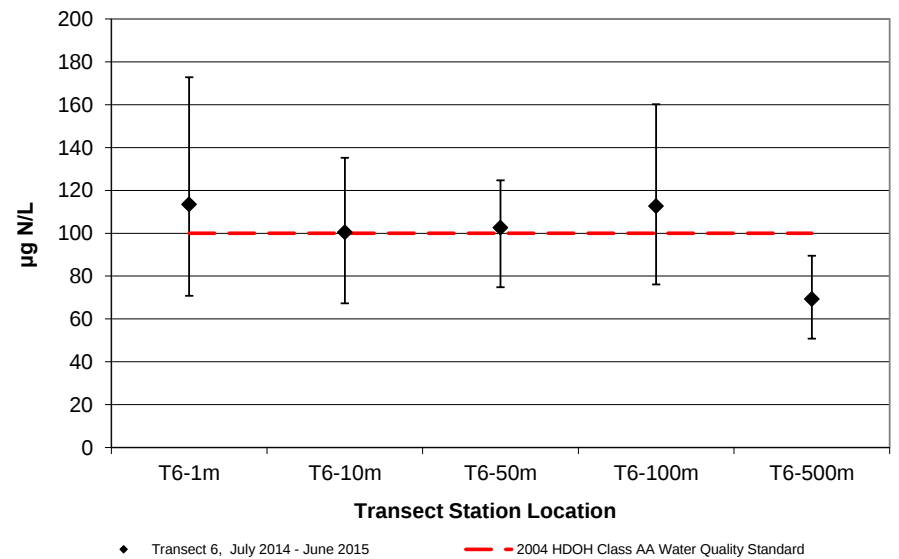
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

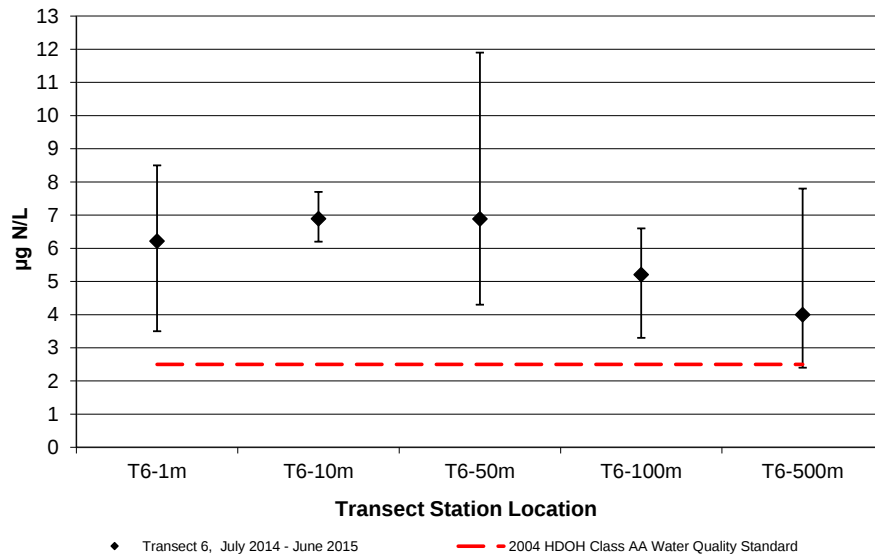


NELHA Water Quality Laboratory

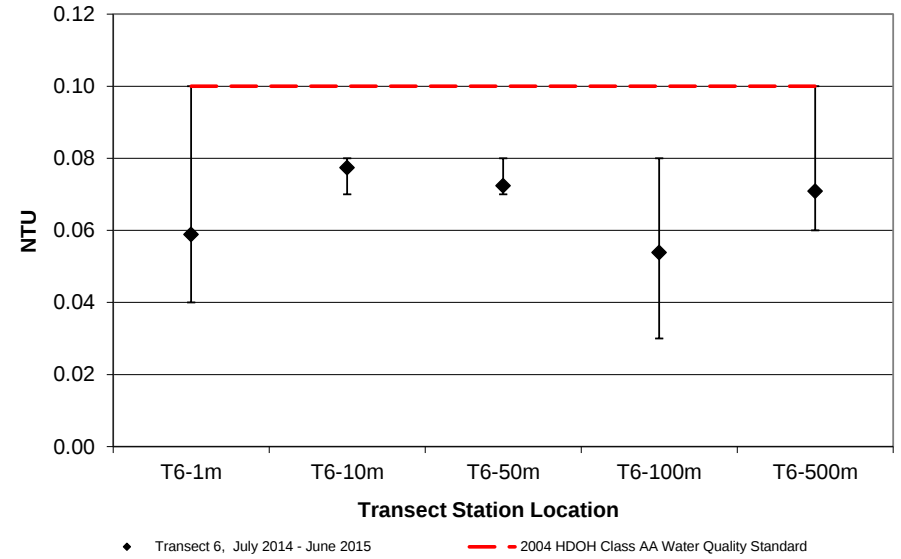
Transect 6

July 2014 - June 2015

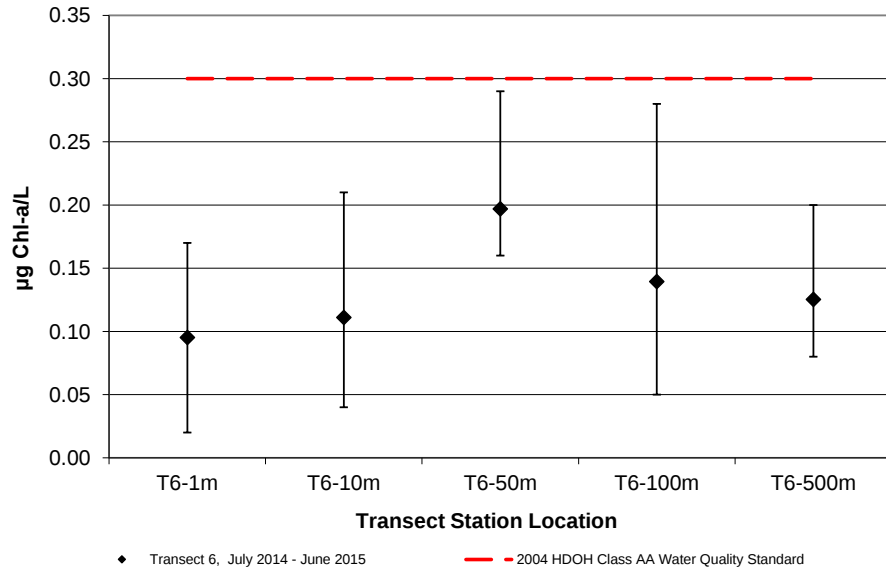
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

Transect 6

July 2015 - June 2016

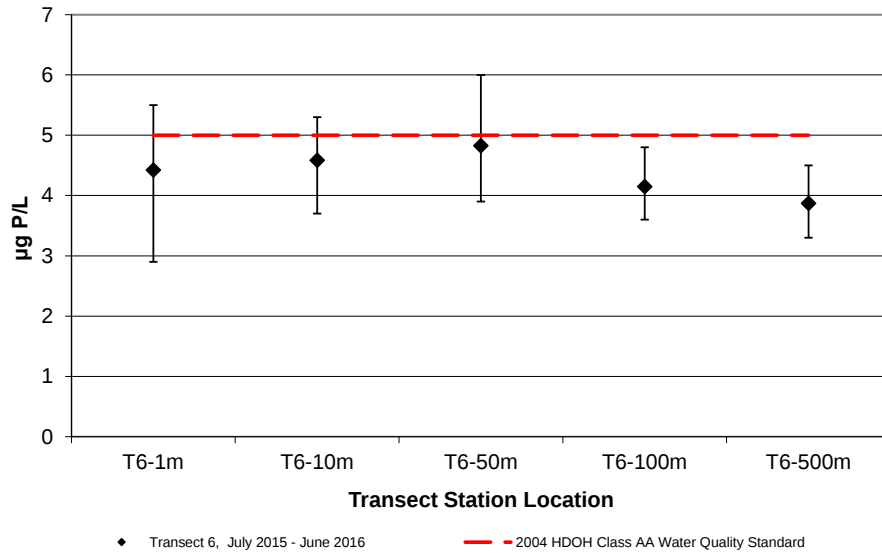
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T6-1m	8/27/15	1030	1.0 Flood	0.16 5.0	0.54 7.5	0.27 3.8	5.1 142	0.19 6.0	5.3 74	0.02	34.60	28.3	8.27	6.16	0.20
T6-1m	11/18/15	1101	1.6 Ebb	0.18 5.5	0.57 8.0	0.48 6.7	5.3 148	0.53 16.5	5.3 74	0.08	34.63	27.4	8.27	6.73	0.15
T6-1m	3/2/16	944	0.9 High	0.15 4.8	0.31 4.3	0.48 6.7	0.2 7	0.48 14.9	4.0 56	0.11	34.75	25.3	8.26	5.84	0.09
T6-1m	5/4/16	1040	1.0 Flood	0.09 2.9	0.99 13.8	0.15 2.1	5.1 142	0.35 10.8	6.0 84	0.06	34.51	25.8	8.18	6.12	0.17
Geomean '15-'16				0.14 4.4	0.55 7.7	0.3 4.4		0.4 11.2	5.1 71	0.06					0.15
T6-10m	8/27/15	1036	1.0 Flood	0.16 4.9	0.44 6.1	0.43 6.0	18.0 505	0.39 12.2	4.4 61	0.02	34.64	28.3	8.28	6.14	0.21
T6-10m	11/18/15	1107	1.6 Ebb	0.17 5.3	0.84 11.7	0.41 5.7	7.2 202	0.48 14.8	6.4 90	0.07	34.63	27.4	8.27	6.70	0.17
T6-10m	3/2/16	948	0.9 High	0.15 4.6	0.34 4.7	0.33 4.6	1.2 35	0.48 14.9	5.1 71	0.09	34.75	25.2	8.26	5.79	0.11
T6-10m	5/4/16	1046	1.0 Flood	0.12 3.7	0.59 8.3	0.24 3.4	5.2 145	0.49 15.1	4.7 66	0.09	34.54	25.8	8.19	6.14	0.18
Geomean '15-'16				0.15 4.6	0.52 7.3	0.34 4.8		0.46 14.2	5.1 71	0.06					0.16
T6-50m	8/27/15	1041	1.0 Flood	0.17 5.4	0.17 2.4	0.19 2.6	4.2 117	0.40 12.4	4.8 67	0.02	34.67	28.5	8.28	6.03	0.17
T6-50m	11/18/15	1114	1.6 Ebb	0.19 6.0	0.89 12.4	2.11 29.5	6.0 170	0.43 13.3	6.9 97	0.08	34.61	27.4	8.29	6.96	0.24
T6-50m	3/2/16	953	0.9 High	0.13 3.9	0.34 4.7	0.25 3.5	1.3 37	0.50 15.4	7.7 108	0.09	34.72	25.2	8.25	5.84	0.11
T6-50m	5/4/16	1051	1.0 Flood	0.14 4.3	0.56 7.8	0.33 4.6	5.7 161	0.26 8.0	4.5 63	0.09	34.53	25.8	8.19	6.15	0.20
Geomean '15-'16				0.16 4.8	0.41 5.7	0.42 5.9		0.39 11.9	5.8 82	0.06					0.17
T6-100m	8/27/15	1045	1.0 Flood	0.14 4.4	0.09 1.2	0.19 2.7	3.5 99	0.20 6.3	4.5 63	0.03	34.66	28.5	8.28	6.02	0.35
T6-100m	11/18/15	1120	1.6 Ebb	0.15 4.8	0.66 9.2	0.23 3.2	4.7 132	0.50 15.6	5.8 82	0.07	34.64	27.5	8.29	6.51	0.22
T6-100m	3/2/16	958	0.9 High	0.13 3.9	0.37 5.2	0.34 4.7	1.0 27	0.47 14.6	7.5 105	0.10	34.73	25.3	8.25	5.84	0.14
T6-100m	5/4/16	1058	1.0 Flood	0.12 3.6	0.64 8.9	0.29 4.0	6.4 181	0.28 8.7	5.3 75	0.09	34.50	25.8	8.19	6.01	0.24
Geomean '15-'16				0.13 4.1	0.34 4.8	0.25 3.6		0.34 10.6	5.7 80	0.07					0.23
T6-500m	8/27/15	1054	1.0 Flood	0.14 4.2	0.06 0.8	0.18 2.5	2.7 77	0.19 5.9	4.75 67	0.03	34.69	28.6	8.28	5.99	0.03
T6-500m	11/18/15	1128	1.6 Ebb	0.15 4.5	0.45 6.3	0.16 2.3	3.6 102	0.54 16.8	7.33 103	0.06	34.58	27.4	8.30	6.68	0.10
T6-500m	3/2/16	1005	0.9 High	0.11 3.3	0.06 0.8	0.39 5.5	1.1 31	0.46 14.4	6.06 85	0.08	34.81	25.4	8.26	5.71	0.09
T6-500m	5/4/16	1106	1.0 Flood	0.12 3.6	0.09 1.2	0.21 3.0	1.5 42	0.27 8.4	4.15 58	0.08	34.69	26.0	8.19	6.01	0.28
Geomean '15-'16				0.12 3.9	0.11 1.5	0.22 3.1		0.34 10.5	5.4 76	0.06					0.09

NELHA Water Quality Laboratory

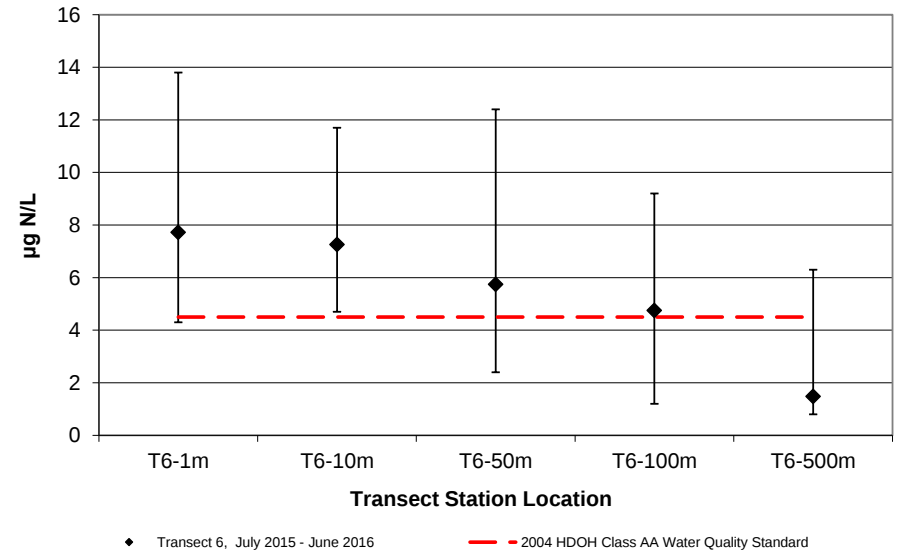
Transect 6

July 2015 - June 2016

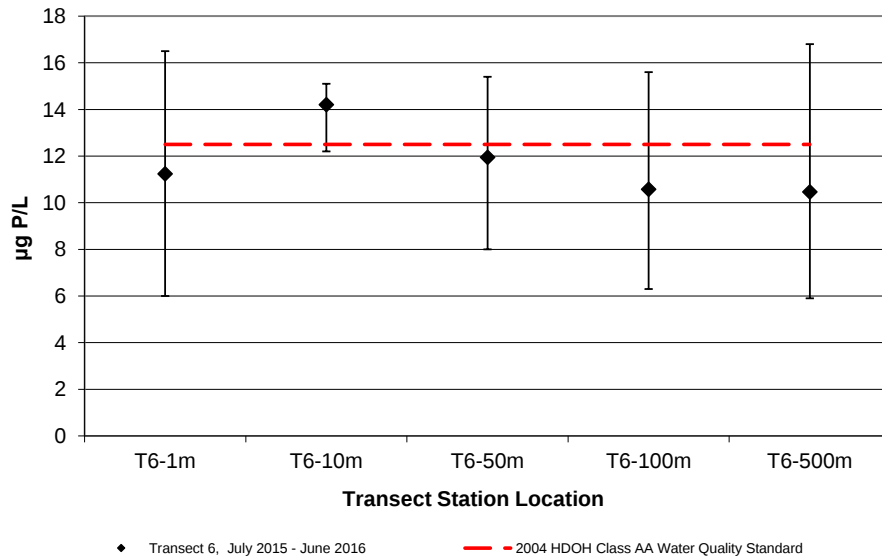
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



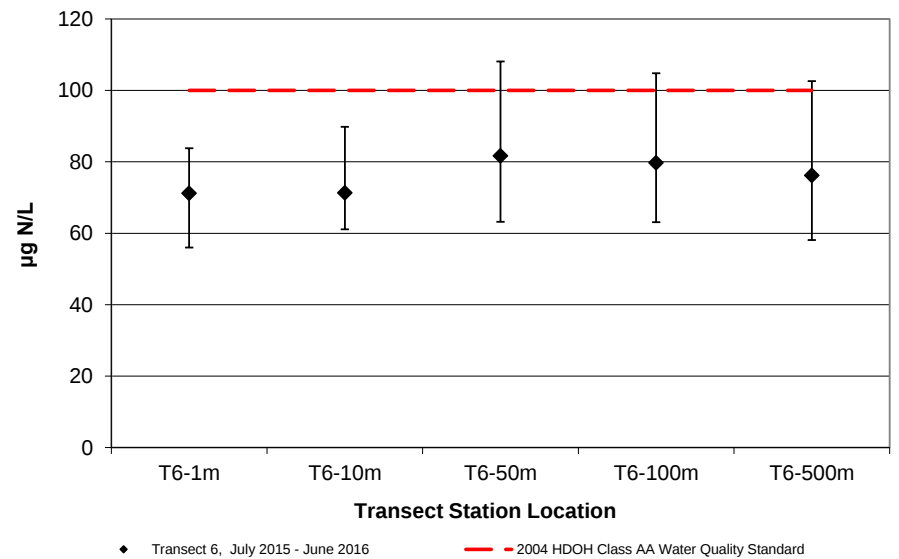
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

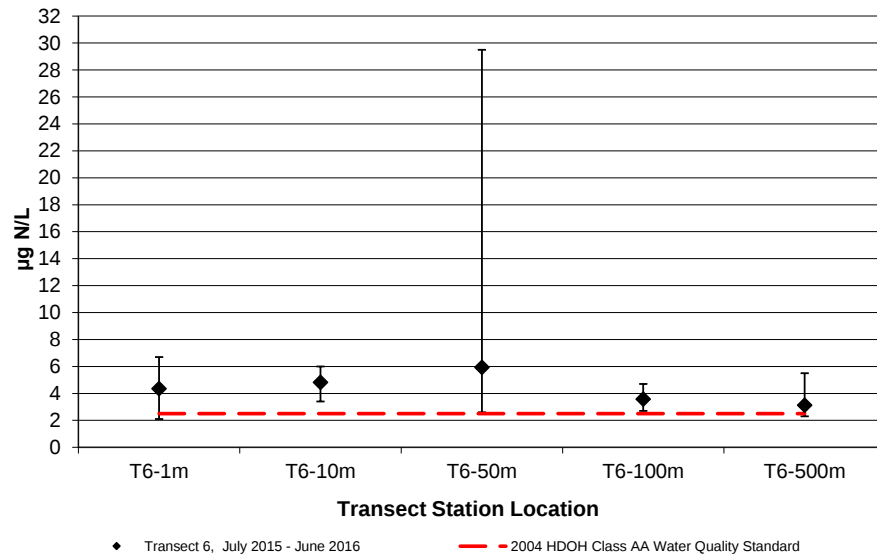


NELHA Water Quality Laboratory

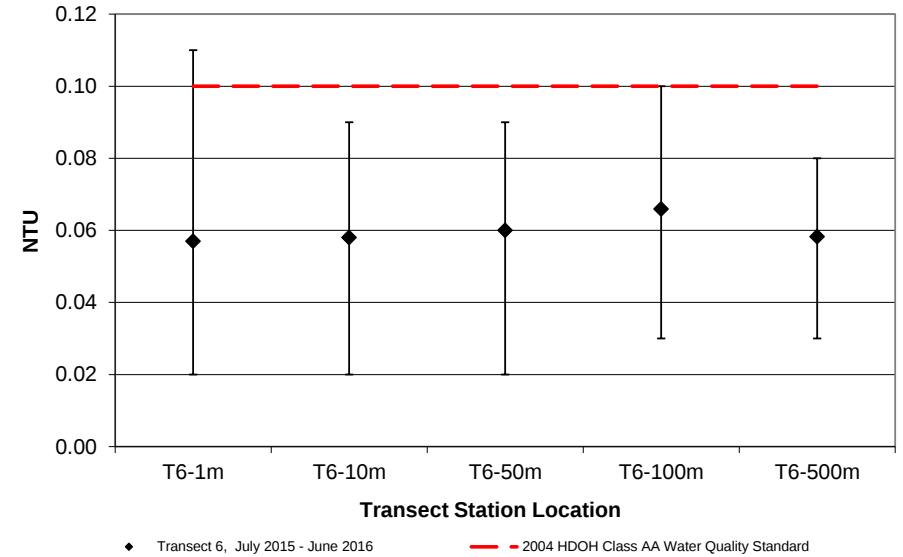
Transect 6

July 2015 - June 2016

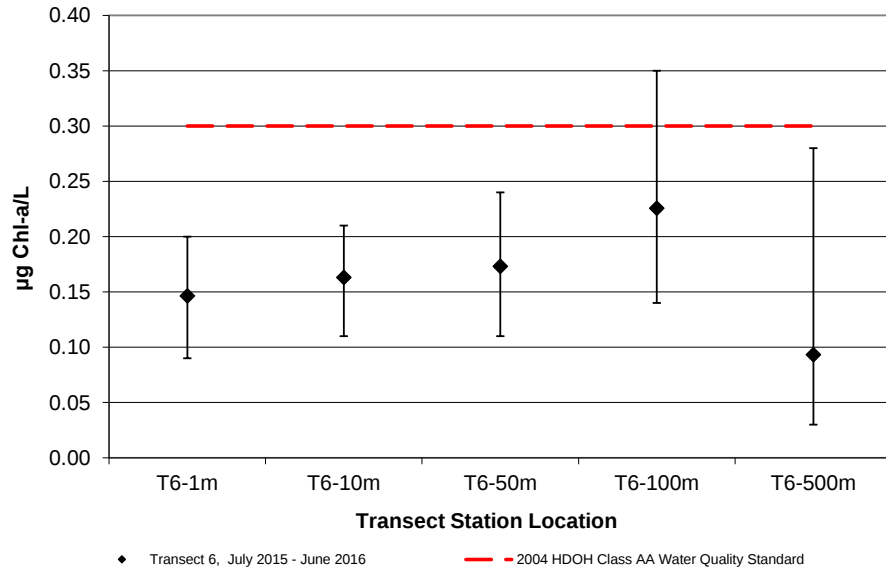
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

Transect 6

July 2013 - June 2014

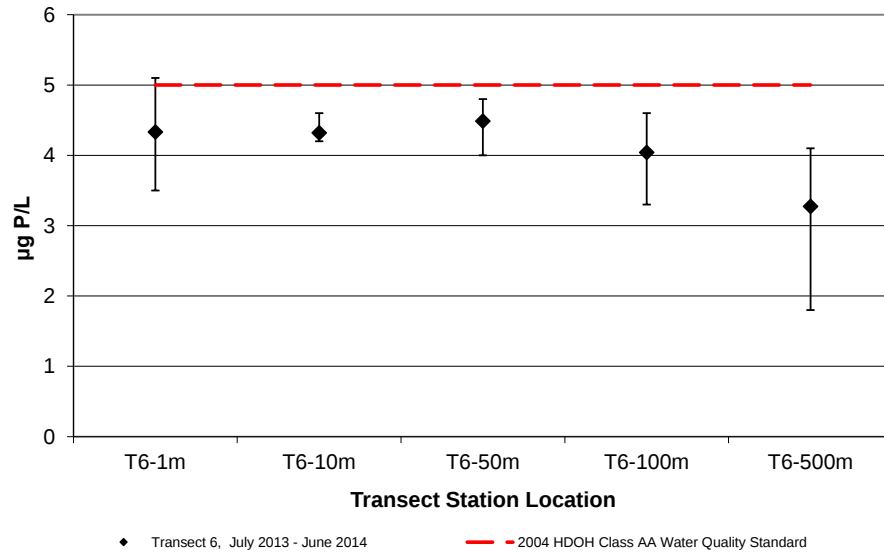
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10	0.30					
T6-1m	8/6/13	1100	0.2 Flood	0.14	4.3	1.94	27.2	0.39	5.5	10.3	288	0.67	20.7	5.9	82	0.07	34.97	26.2	8.22	7.49	0.20
T6-1m	10/30/13	1005	1.0 Flood	0.15	4.6	0.41	5.7	0.14	1.9	2.8	80	0.49	15.2	6.4	89	0.02	34.90	27.0	8.22	5.97	0.14
T6-1m	2/5/14	1032	0.6 Ebb	0.16	5.1	0.60	8.4	0.47	6.6	3.3	93	0.44	13.6	4.3	61	0.02	34.97	25.2	8.20	6.58	0.04
T6-1m	5/7/14	1026	0.7 Flood	0.11	3.5	0.41	5.7	0.31	4.4	2.5	69	0.45	14.0	6.3	88	0.02	34.76	25.7	8.20	5.65	0.12
Geomean '13-'14				0.14	4.3	0.66	9.3	0.3	4.2			0.5	15.6	5.7	79	0.03					0.11
T6-10m	8/6/13	1102	0.2 Flood	0.14	4.2	1.72	24.1	0.38	5.3	10.2	288	0.34	10.6	6.7	94	0.08	34.83	26.2	8.20	7.50	0.12
T6-10m	10/30/13	1009	1.0 Flood	0.15	4.6	0.47	6.6	0.25	3.5	3.0	84	0.43	13.4	5.2	72	0.03	34.89	27.0	8.22	5.92	0.08
T6-10m	2/5/14	1036	0.6 Ebb	0.14	4.3	0.49	6.8	0.47	6.6	2.8	79	0.42	13.0	5.3	74	0.02	34.99	25.2	8.20	6.55	0.16
T6-10m	5/7/14	1029	0.7 Flood	0.14	4.2	0.41	5.7	0.32	4.5	2.4	67	0.40	12.5	6.3	88	0.04	34.78	25.7	8.20	5.57	0.11
Geomean '13-'14				0.14	4.3	0.63	8.9	0.35	4.8			0.40	12.3	5.8	82	0.04					0.11
T6-50m	8/6/13	1107	0.3 Flood	0.15	4.7	1.91	26.8	0.43	6.0	11.9	333	0.39	12.1	7.0	98	0.02	34.90	26.2	8.21	7.41	0.14
T6-50m	10/30/13	1014	1.0 Flood	0.15	4.8	0.47	6.6	0.21	2.9	3.2	89	0.56	17.2	6.2	87	0.03	34.89	27.0	8.22	5.81	0.15
T6-50m	2/5/14	1039	0.6 Ebb	0.15	4.5	0.34	4.7	0.33	4.6	2.4	68	0.43	13.4	4.2	59	0.02	35.00	25.2	8.20	6.56	0.13
T6-50m	5/7/14	1034	0.7 Flood	0.13	4.0	0.50	7.0	0.30	4.2	6.2	173	0.42	12.9	5.4	76	0.08	34.72	25.8	8.20	5.57	0.13
Geomean '13-'14				0.14	4.5	0.62	8.7	0.31	4.3			0.44	13.8	5.6	79	0.03					0.14
T6-100m	8/6/13	1111	0.3 Flood	0.11	3.3	1.27	17.8	0.28	3.9	7.8	218	0.35	10.9	5.6	79	0.02	34.94	26.4	8.21	7.05	0.14
T6-100m	10/30/13	1019	1.0 Flood	0.15	4.6	0.41	5.8	0.20	2.8	3.4	94	0.51	15.8	6.2	87	0.02	34.89	27.0	8.22	5.94	0.13
T6-100m	2/5/14	1043	0.6 Ebb	0.14	4.4	0.25	3.5	0.35	4.9	2.3	63	0.46	14.1	4.6	65	0.02	35.00	25.2	8.21	6.36	0.13
T6-100m	5/7/14	1039	0.7 Flood	0.13	4.0	0.41	5.7	0.06	0.9	3.4	96	0.43	13.3	5.4	76	0.13	34.71	25.7	8.18	5.45	0.14
Geomean '13-'14				0.13	4.0	0.48	6.7	0.19	2.6			0.43	13.4	5.4	76	0.03					0.13
T6-500m	8/6/13	1118	0.4 Flood	0.06	1.8	0.02	0.3	0.16	2.3	2.1	59	0.33	10.2	4.43	62	0.02	35.24	26.8	8.20	6.85	0.10
T6-500m	10/30/13	1027	1.0 Flood	0.13	4.1	0.17	2.4	0.06	0.8	2.0	57	0.53	16.4	5.33	75	0.02	34.90	27.1	8.22	5.84	0.11
T6-500m	2/5/14	1051	0.6 Ebb	0.13	4.0	0.14	2.0	0.21	3.0	2.4	68	0.46	14.3	3.71	52	0.02	34.94	25.2	8.21	6.27	0.20
T6-500m	5/7/14	1049	0.7 Flood	0.13	3.9	0.31	4.4	0.11	1.5	2.8	78	0.45	13.9	5.38	75	0.06	34.75	25.8	8.20	5.36	0.15
Geomean '13-'14				0.11	3.3	0.11	1.6	0.12	1.7			0.44	13.5	4.7	65	0.03					0.13

NELHA Water Quality Laboratory

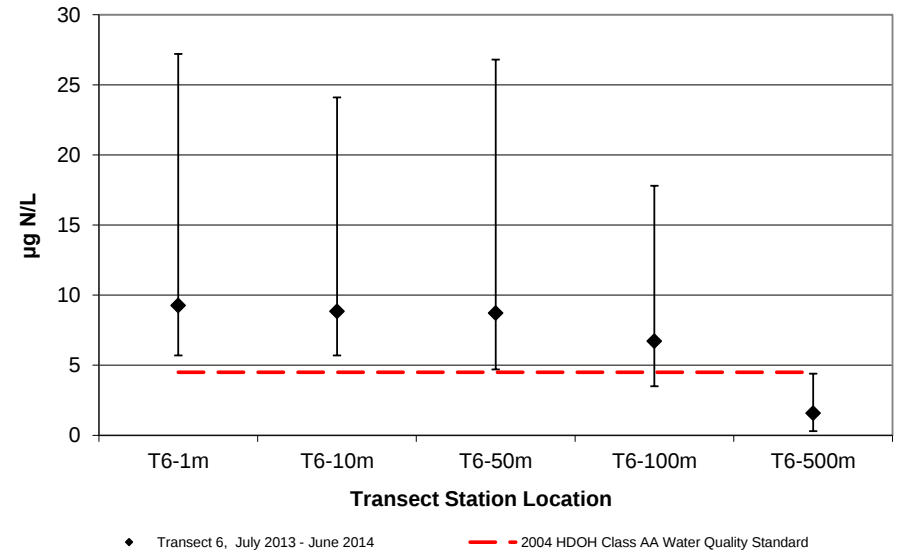
Transect 6

July 2013 - June 2014

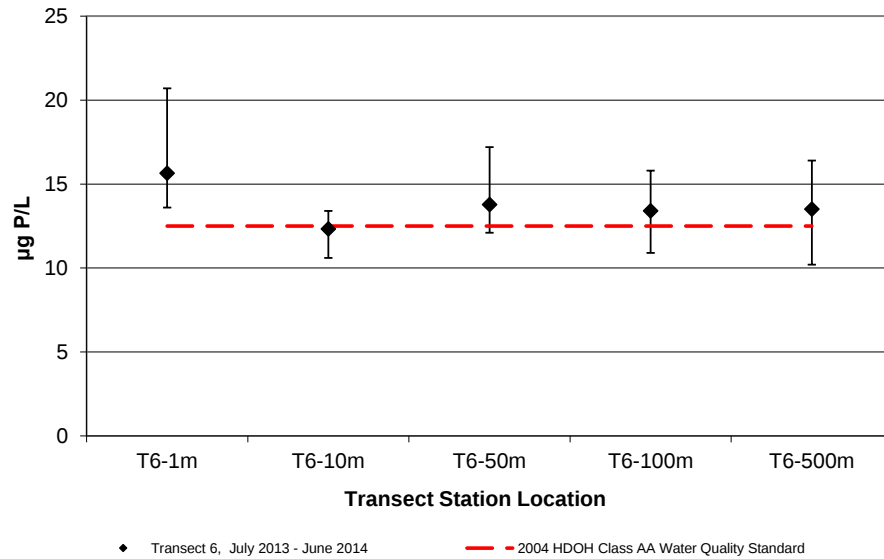
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



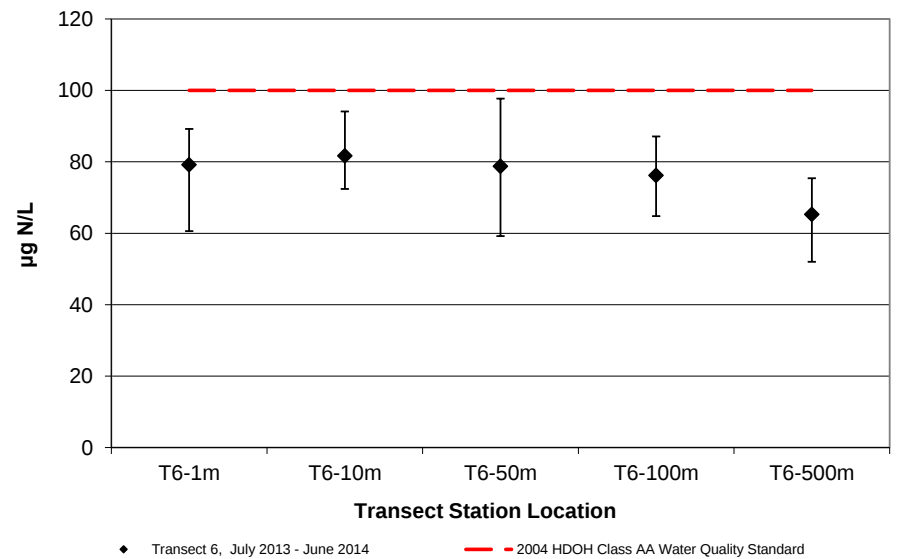
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

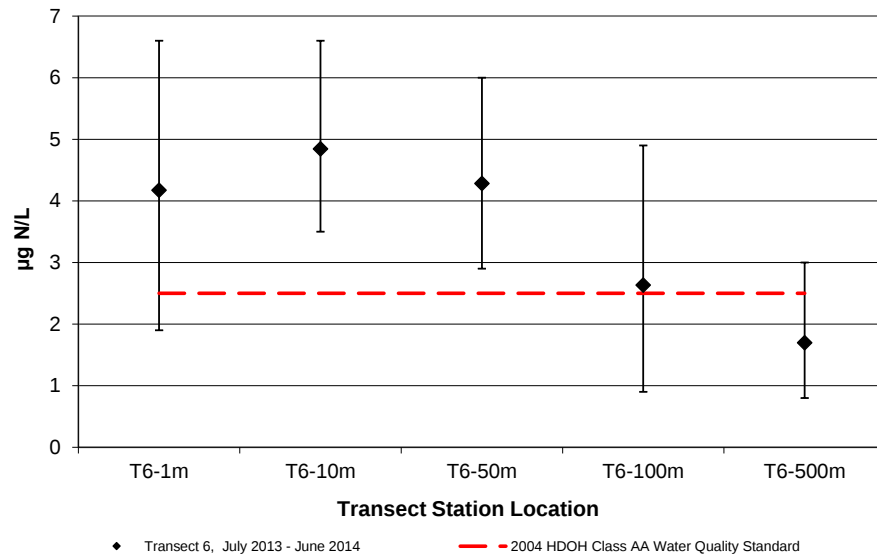


NELHA Water Quality Laboratory

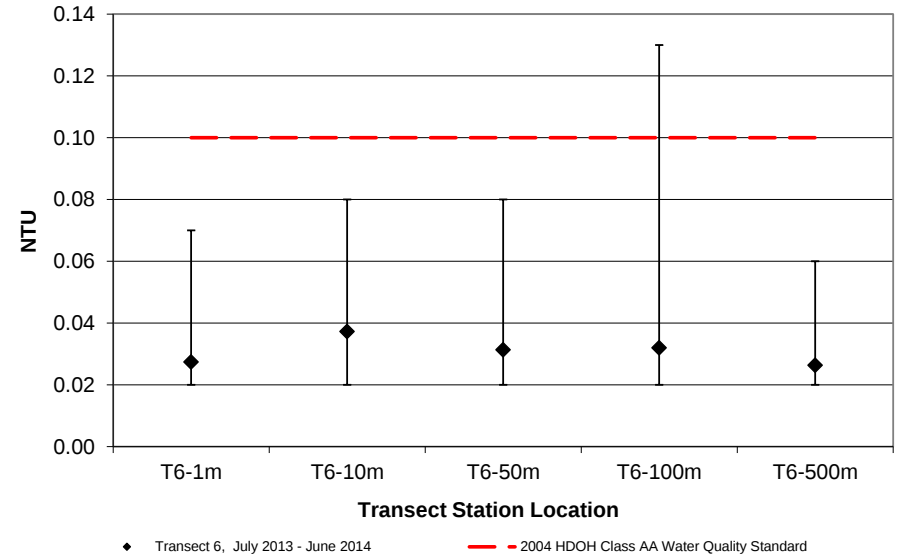
Transect 6

July 2013 - June 2014

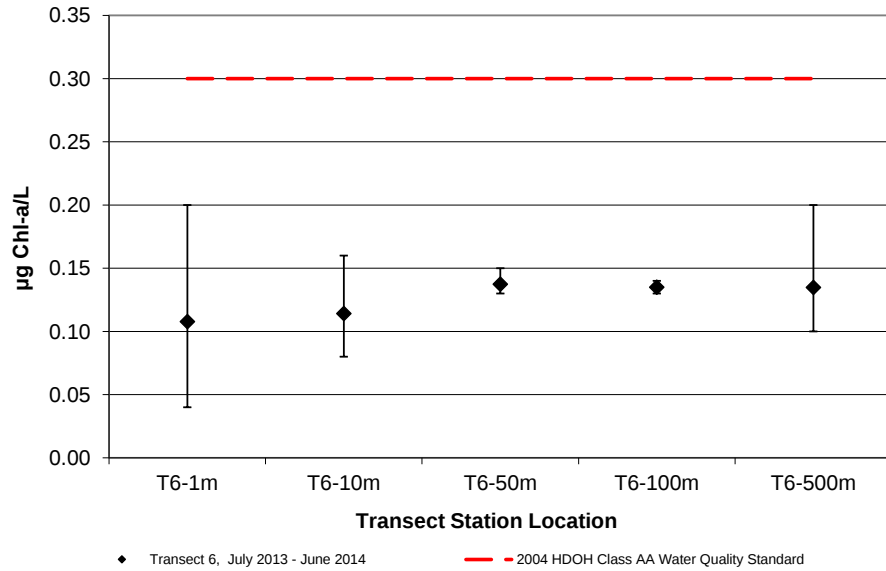
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

Transect 6

July 2012 - June 2013

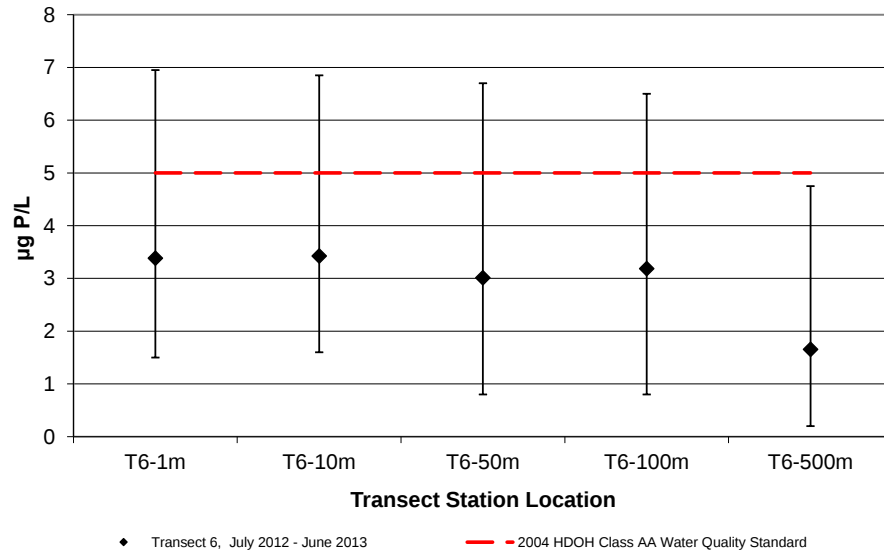
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10	0.30					
T6-1m	7/25/12	1027	1.6 High	0.05	1.5	0.46	6.5	0.41	5.8	3.6	100	0.42	12.9	5.1	71	0.09	34.99	26.5	8.27	7.65	0.10
T6-1m	11/28/12	1025	0.4 Ebb	0.11	3.4	1.10	15.4	0.27	3.8	6.1	171	0.54	16.6	6.8	96	0.05	35.08	25.1	8.20	6.70	0.15
T6-1m	1/24/13	1012	0.2 Low	0.12	3.7	1.05	14.7	0.11	1.6	5.7	160	0.49	15.1	5.8	81	0.03	34.95	24.7	8.23	6.51	0.10
T6-1m	4/24/13	936	-0.3 Low	0.22	7.0	2.11	29.5	0.14	2.0	6.3	176	0.57	17.8	9.2	129	0.07	34.87	24.8	8.21	6.73	0.12
Geomean	'12-'13			0.11	3.4	1.03	14.4	0.2	2.9			0.5	15.5	6.6	92	0.06					0.12
T6-10m	7/25/12	1030	1.6 High	0.05	1.6	0.41	5.8	0.41	5.8	3.5	98	0.56	17.4	8.7	121	0.12	35.01	26.5	8.27	7.53	0.15
T6-10m	11/28/12	1030	0.4 Ebb	0.11	3.4	1.00	14.0	0.23	3.2	5.7	161	0.43	13.2	4.8	67	0.05	35.12	25.1	8.20	6.75	0.19
T6-10m	1/24/13	1015	0.2 Low	0.12	3.7	1.06	14.8	0.14	1.9	5.7	161	0.44	13.7	5.1	71	0.02	34.98	24.7	8.22	6.40	0.09
T6-10m	4/24/13	940	-0.3 Low	0.22	6.9	2.10	29.4	0.16	2.3	6.9	194	0.53	16.5	6.6	93	0.04	34.91	24.9	8.21	6.73	0.12
Geomean	'12-'13			0.11	3.4	0.98	13.7	0.21	3.0			0.49	15.1	6.1	86	0.05					0.13
T6-50m	7/25/12	1041	1.6 High	0.03	0.8	0.23	3.2	0.21	2.9	2.4	68	0.42	12.9	4.7	67	0.16	35.06	26.5	8.24	6.74	0.20
T6-50m	11/28/12	1034	0.3 Ebb	0.15	4.8	2.23	31.3	0.28	3.9	13.5	380	0.46	14.4	6.2	86	0.02	34.79	25.1	8.20	6.85	0.22
T6-50m	1/24/13	1020	0.2 Low	0.10	3.2	0.65	9.1	0.15	2.1	5.0	141	0.45	13.8	5.0	70	0.02	34.97	24.8	8.23	6.48	0.07
T6-50m	4/24/13	946	-0.3 Low	0.22	6.7	1.87	26.2	0.16	2.3	9.5	267	0.55	17.0	5.6	79	0.03	34.92	24.9	8.22	6.73	0.10
Geomean	'12-'13			0.10	3.0	0.89	12.4	0.19	2.7			0.47	14.4	5.3	75	0.04					0.13
T6-100m	7/25/12	1045	1.6 High	0.03	0.8	0.14	2.0	0.33	4.6	2.5	70	0.43	13.3	4.9	68	0.07	35.05	26.4	8.23	6.82	0.26
T6-100m	11/28/12	1039	0.3 Ebb	0.21	6.5	3.43	48.1	0.39	5.5	20.5	577	0.52	16.1	8.0	112	0.03	34.63	25.0	8.20	6.45	0.09
T6-100m	1/24/13	1027	0.2 Low	0.12	3.6	0.96	13.4	0.16	2.3	7.4	207	0.46	14.2	6.2	87	0.04	34.91	24.8	8.22	6.43	0.12
T6-100m	4/24/13	951	-0.3 Low	0.18	5.5	0.82	11.6	0.12	1.7	9.5	266	0.49	15.2	4.8	67	0.03	34.95	25.0	8.21	6.70	0.11
Geomean	'12-'13			0.10	3.2	0.79	11.0	0.22	3.1			0.47	14.7	5.8	82	0.04					0.13
T6-500m	7/25/12	1049	1.6 High	0.01	0.2	0.03	0.4	0.34	4.7	1.5	41	0.35	10.9	3.07	43	0.06	35.11	26.5	8.24	7.21	0.16
T6-500m	11/28/12	1041	0.3 Ebb	0.12	3.6	1.06	14.9	0.31	4.4	7.4	209	0.55	16.9	4.76	67	0.03	34.96	25.2	8.20	6.59	0.15
T6-500m	1/24/13	1035	0.2 Low	0.07	2.2	0.01	0.1	0.04	0.6	1.1	30	0.43	13.3	3.80	53	0.05	35.13	24.9	8.23	6.30	0.05
T6-500m	4/24/13	1000	-0.2 Low	0.15	4.8	0.01	0.1	0.13	1.9	3.2	89	0.55	17.2	3.61	51	0.03	35.15	25.2	8.22	6.8	0.05
Geomean	'12-'13			0.05	1.7	0.04	0.5	0.16	2.2			0.46	14.3	3.8	53	0.04					0.09

NELHA Water Quality Laboratory

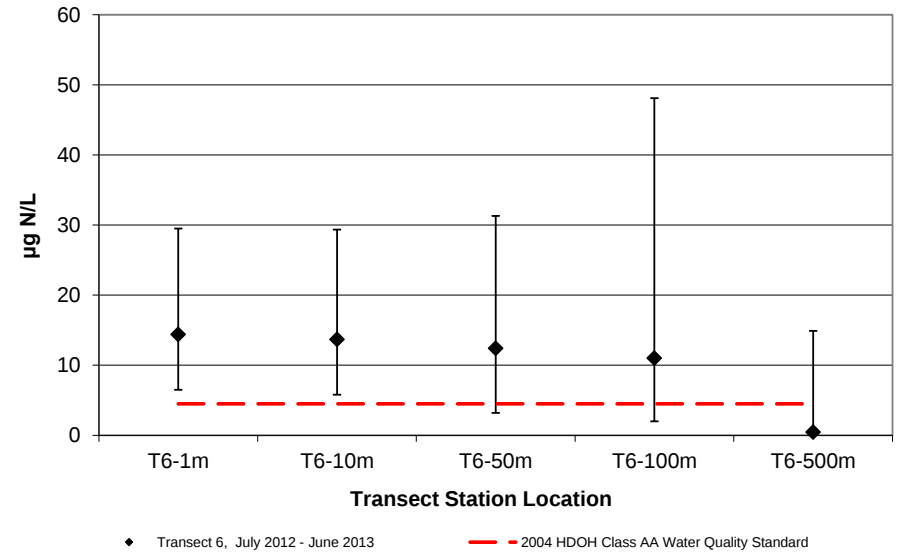
Transect 6

July 2012 - June 2013

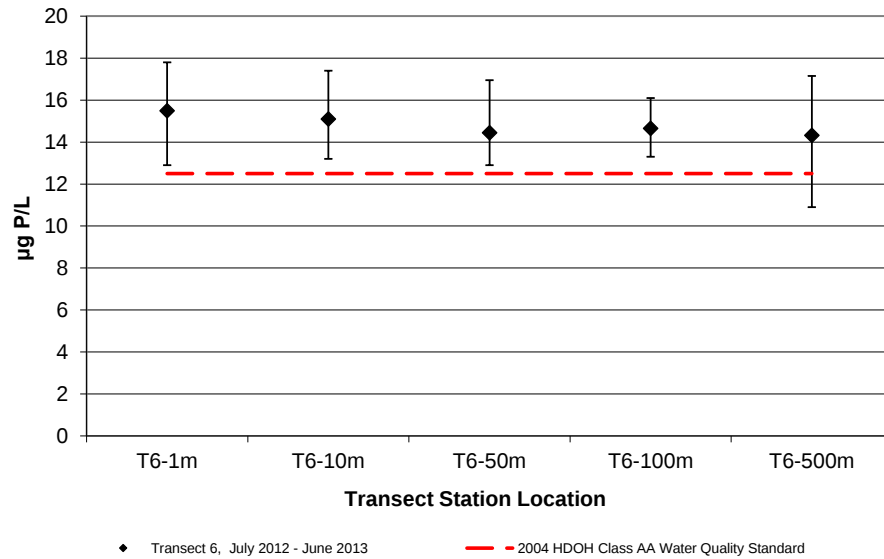
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean



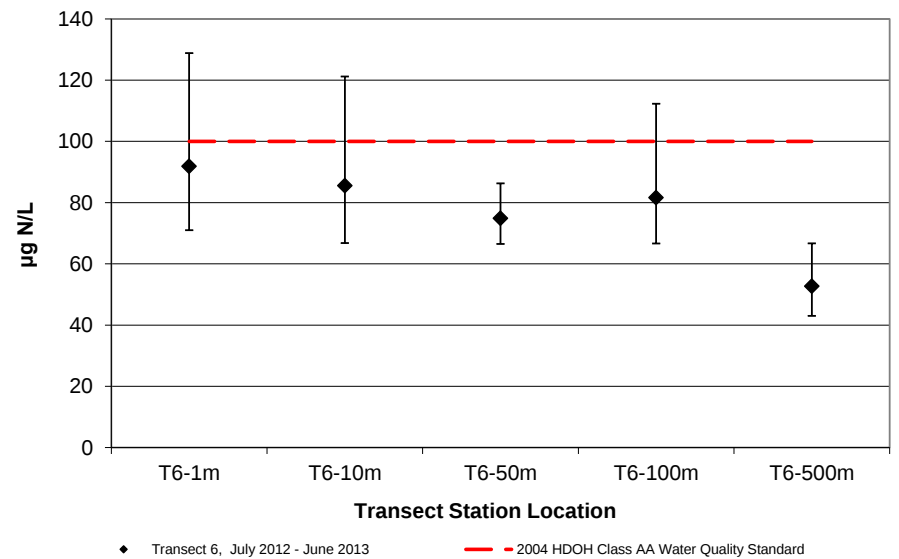
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean

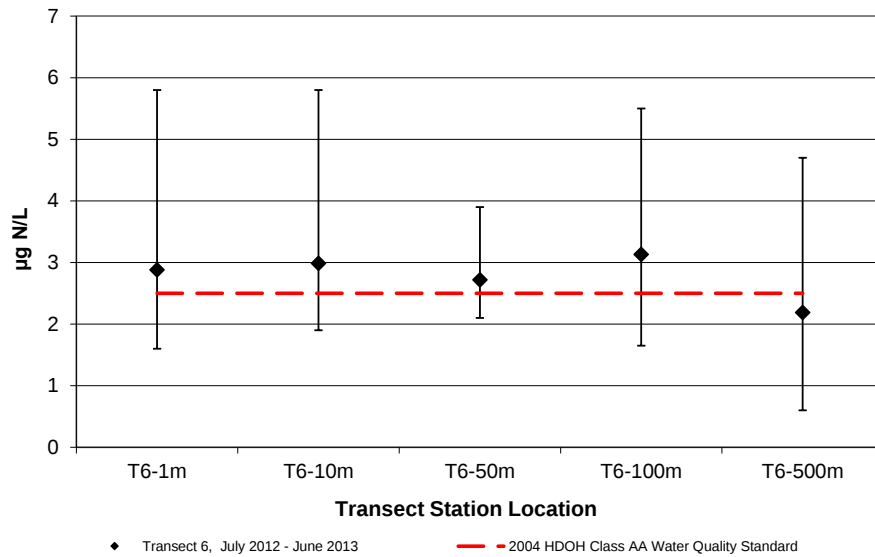


NELHA Water Quality Laboratory

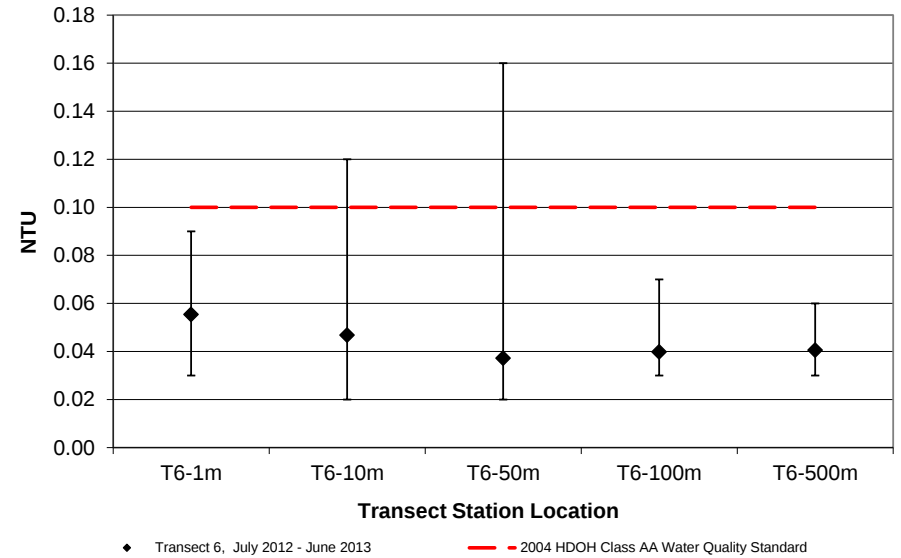
Transect 6

July 2012 - June 2013

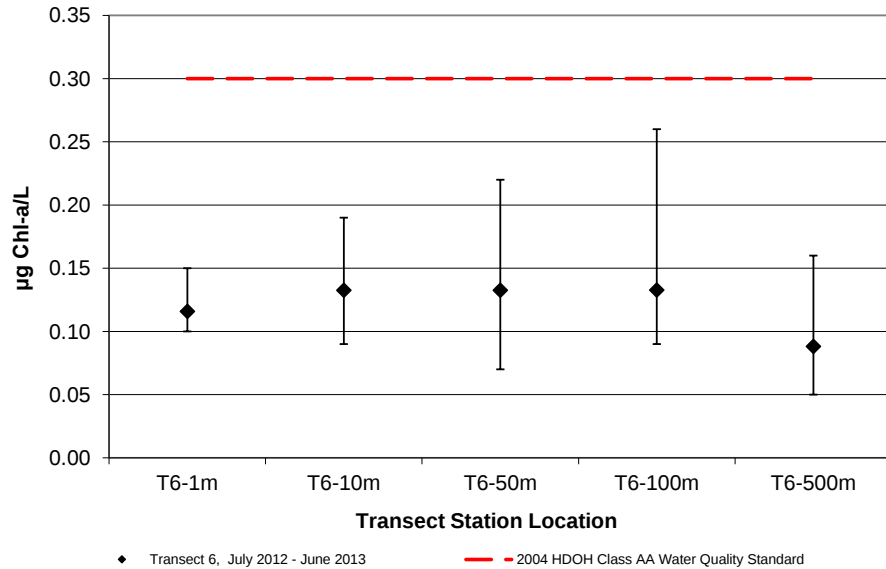
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Turbidity Geometric Mean, July 2012 - June 2013



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2012 - June 2013



NELHA Water Quality Laboratory

Transect 6

July 2011 - June 2012

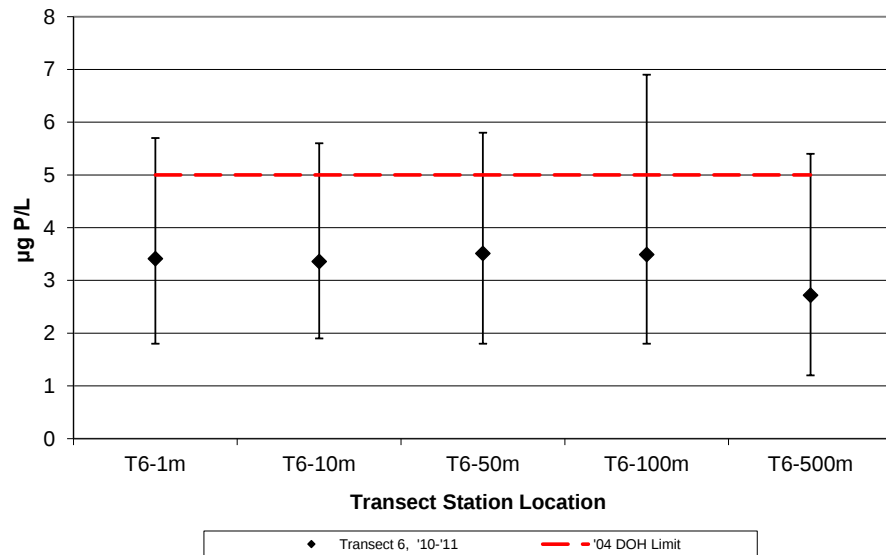
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)							
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30			
T6-1m	7/27/11	1101	1.1	Flood	0.18	5.7	0.26	3.6	0.13	1.8	2.0	57	0.50	15.4	3.3	47	0.05	34.77	26.0	8.23	6.65	0.11
T6-1m	10/19/11	1043	1.8	Ebb	0.06	1.8	0.34	4.8	0.15	2.1	3.3	92	0.37	11.6	4.0	56	0.05	35.10	26.6	8.27	7.16	0.11
T6-1m	1/26/12	1007	0.9	Ebb	0.08	2.6	0.53	7.4	0.01	0.1	5.6	157	0.36	11.1	3.6	50	0.07	34.91	24.4	8.20	6.67	0.11
T6-1m	4/25/12	1028	0.1	Ebb	0.16	5.1	0.69	9.6	0.36	5.1	6.3	176	0.48	14.9	5.3	74	0.06	34.76	24.9	8.20	6.88	0.14
Geomean	'11-'12				0.11	3.4	0.42	5.9	0.1	1.2			0.4	13.1	4.0	56	0.06					0.12
T6-10m	7/27/11	1105	1.1	Flood	0.18	5.6	0.26	3.7	0.09	1.3	2.1	60	0.47	14.5	3.3	47	0.10	34.77	26.0	8.23	6.59	0.11
T6-10m	10/19/11	1047	1.8	Ebb	0.06	1.9	0.34	4.8	0.15	2.1	3.2	89	0.34	10.5	3.9	55	0.08	35.08	26.5	8.25	7.11	0.12
T6-10m	1/26/12	1011	0.9	Ebb	0.08	2.4	0.41	5.8	0.09	1.3	4.7	132	0.34	10.5	3.8	54	0.03	34.94	24.4	8.20	6.76	0.12
T6-10m	4/25/12	1030	0.1	Ebb	0.16	5.0	0.69	9.7	0.27	3.8	6.9	194	0.46	14.1	5.2	73	0.09	34.77	24.9	8.19	6.79	0.06
Geomean	'11-'12				0.11	3.4	0.40	5.6	0.14	1.9			0.40	12.3	4.0	56	0.07					0.10
T6-50m	7/27/11	1109	1.1	Flood	0.19	5.8	0.26	3.6	0.10	1.4	2.7	75	0.48	14.9	4.0	56	0.07	34.76	26.1	8.23	6.42	0.10
T6-50m	10/19/11	1051	1.8	Ebb	0.06	1.8	0.30	4.2	0.28	3.9	3.1	88	0.36	11.2	4.1	58	0.04	35.08	26.5	8.26	7.12	0.14
T6-50m	1/26/12	1016	0.9	Ebb	0.08	2.6	0.56	7.8	0.15	2.1	5.8	163	0.36	11.2	3.4	48	0.07	34.90	24.4	8.20	6.69	0.14
T6-50m	4/25/12	1032	0.0	Ebb	0.18	5.6	0.94	13.2	0.35	4.9	9.5	267	0.43	13.4	3.9	55	0.07	34.65	24.8	8.20	6.94	0.08
Geomean	'11-'12				0.11	3.5	0.45	6.3	0.20	2.7			0.41	12.6	3.9	54	0.06					0.11
T6-100m	7/27/11	1114	1.2	Flood	0.19	6.0	0.24	3.3	0.06	0.9	2.9	83	0.49	15.1	3.7	53	0.09	34.76	26.2	8.22	6.37	0.13
T6-100m	10/19/11	1056	1.8	Ebb	0.06	1.8	0.25	3.5	0.08	1.1	3.9	109	0.36	11.2	3.7	51	0.07	35.09	26.6	8.25	6.86	0.13
T6-100m	1/26/12	1022	0.9	Ebb	0.06	2.0	0.14	2.0	0.11	1.5	3.0	84	0.35	10.8	3.8	54	0.04	34.98	24.5	8.21	6.68	0.13
T6-100m	4/25/12	1035	0.0	Ebb	0.22	6.9	0.83	11.6	0.42	5.9	9.5	266	0.43	13.3	4.3	60	0.07	34.68	24.8	8.20	6.81	0.17
Geomean	'11-'12				0.11	3.5	0.29	4.0	0.12	1.7			0.40	12.5	3.9	54	0.06					0.14
T6-500m	7/27/11	1120	1.2	Flood	0.17	5.3	0.02	0.2	0.05	0.7	0.2	5	0.46	14.2	2.91	41	0.03	34.86	26.3	8.23	6.36	0.09
T6-500m	10/19/11	1104	1.7	Ebb	0.04	1.2	0.06	0.9	0.05	0.7	2.9	82	0.39	12.0	3.50	49	0.05	35.09	26.7	8.26	6.98	0.15
T6-500m	1/26/12	1030	0.8	Ebb	0.05	1.6	0.04	0.6	0.06	0.8	1.1	31	0.35	10.9	3.18	45	0.09	35.06	24.5	8.22	6.66	0.15
T6-500m	4/25/12	1042	0.0	Ebb	0.17	5.4	0.15	2.1	0.36	5.1	3.2	89	0.44	13.6	3.85	54	0.10	34.91	24.9	8.19	6.69	0.04
Geomean	'11-'12				0.09	2.7	0.05	0.7	0.08	1.2			0.41	12.6	3.3	47	0.06					0.09

NELHA Water Quality Laboratory

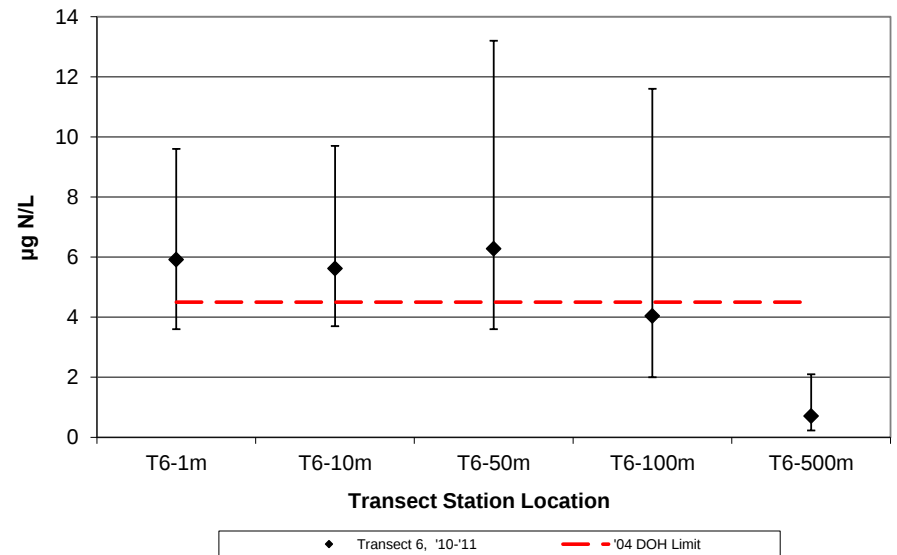
Transect 6

July 2011 - June 2012

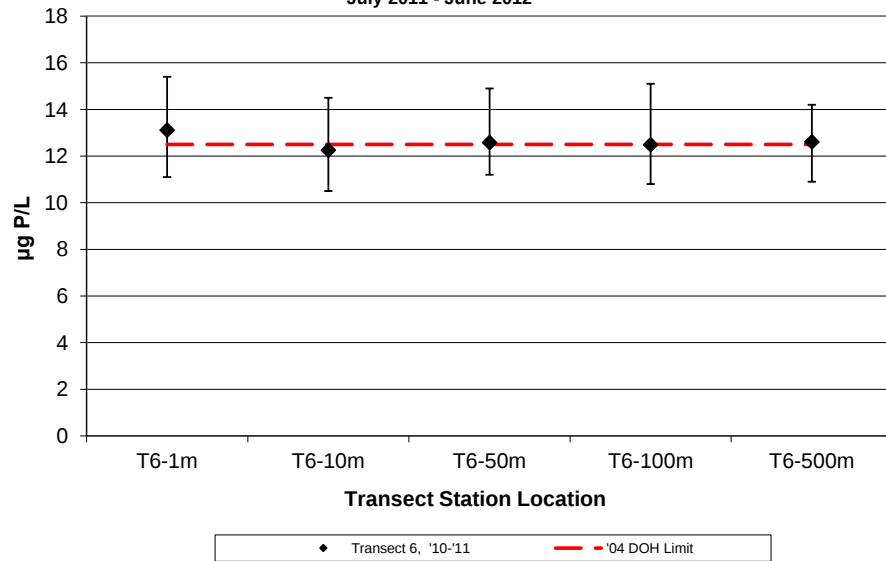
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean, July 2011 - June 2012



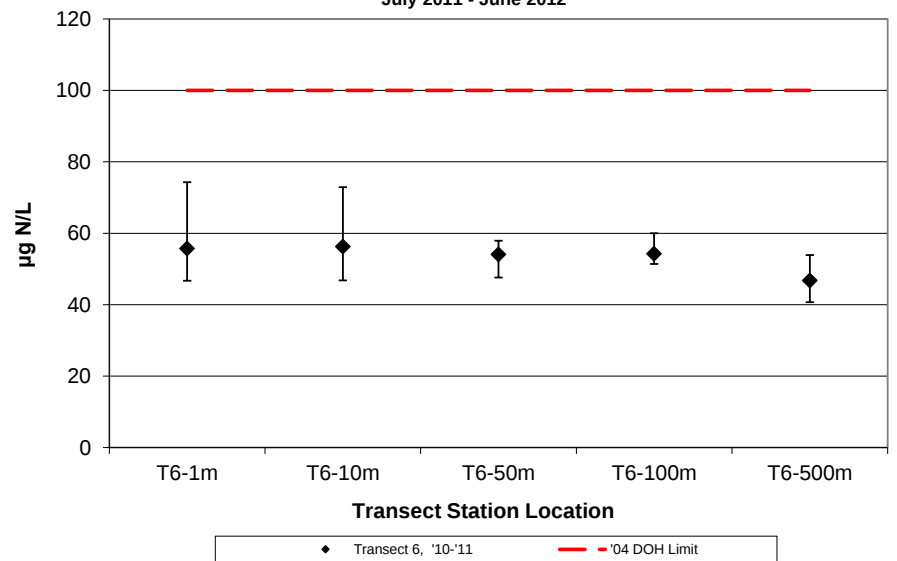
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean, July 2011 - June 2012



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2011 - June 2012



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2011 - June 2012

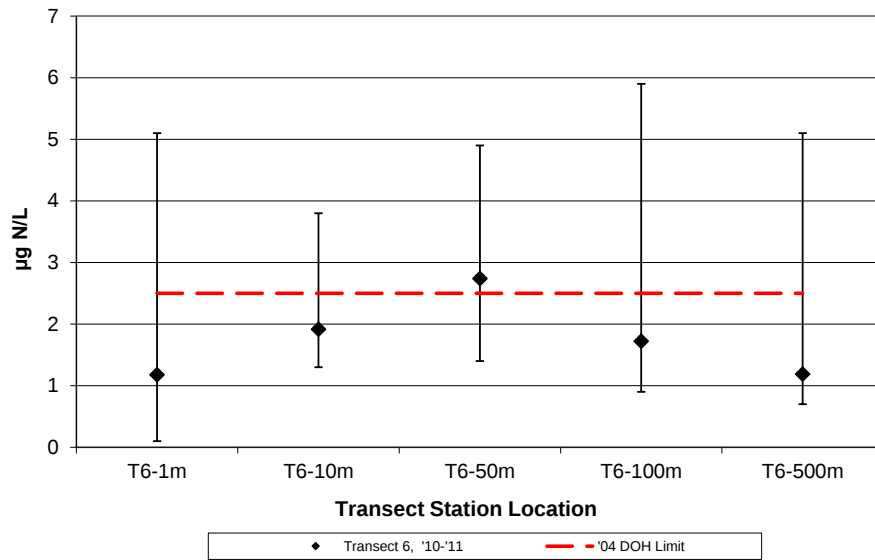


NELHA Water Quality Laboratory

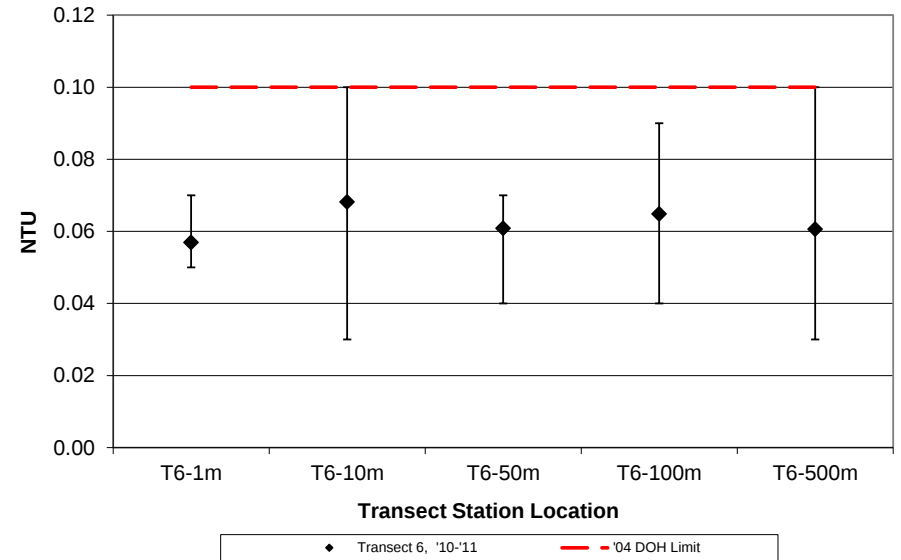
Transect 6

July 2011 - June 2012

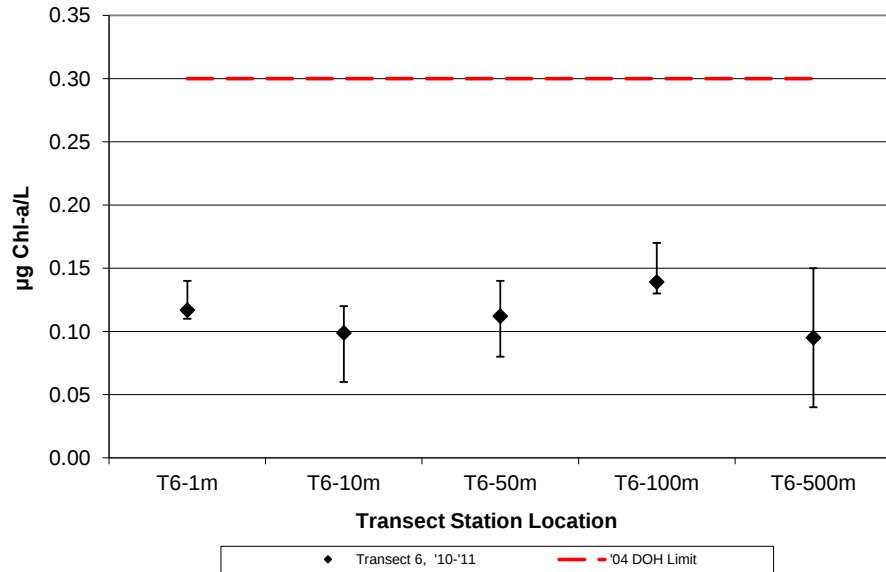
Transect 6 Station Summary
Total Ammonia Geometric Mean, July 2011 - June 2012



Transect 6 Station Summary
Turbidity Geometric Mean, July 2011 - June 2012



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2011 - June 2012



NELHA Water Quality Laboratory

Transect 6

July 2010 - June 2011

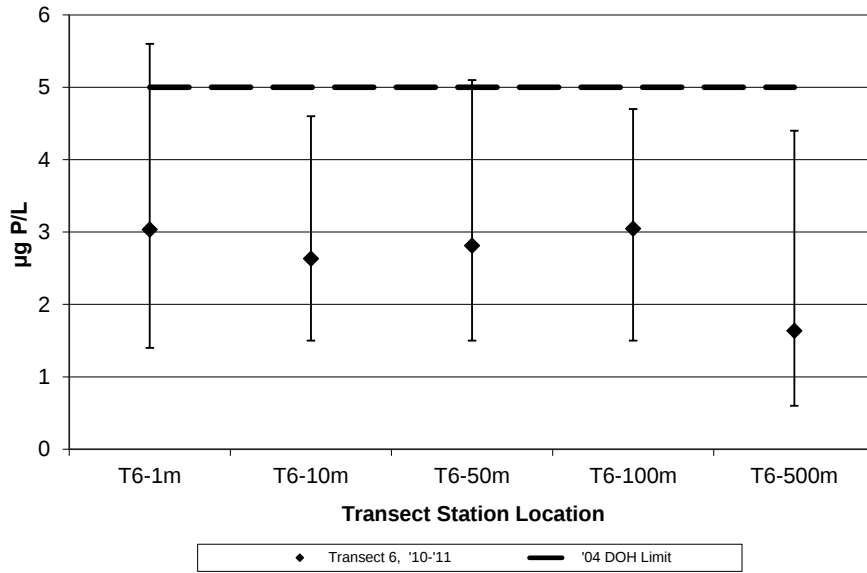
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T6-1m	08/11/10	1018	0.1 Low	0.07 2.3	1.09 15.2	0.21 2.9	9.1 255	0.36 11.3	4.1 57	0.05	34.75	25.9	8.22	6.77	0.11
T6-1m	11/09/10	1014	1.2 Ebb	0.05 1.4	0.37 5.2	0.21 3.0	7.2 203	0.42 13.0	5.9 83	0.12	34.90	26.4	8.28	6.21	0.08
T6-1m	01/11/11	1242	0.5 Ebb	0.18 5.6	2.11 29.5	0.11 1.5	14.6 409	0.44 13.5	3.9 55	0.06	34.82	24.8	8.25	6.48	0.15
T6-1m	4/27/11	1016	0.4 Flood	0.15 4.7	0.46 6.5	0.15 2.1	8.0 225	0.46 14.2	3.4 48	0.06	34.82	24.8	8.23	6.39	0.19
Geomean '10-'11				0.10 3.0	0.79 11.1	0.2 2.3		0.4 13.0	4.2 59	0.07					0.13
T6-10m	08/11/10	1022	0.1 Low	0.05 1.7	0.67 9.4	0.20 2.8	8.6 241	0.32 9.9	3.5 50	0.09	34.84	26.0	8.23	9.92	0.11
T6-10m	11/09/10	1018	1.2 Ebb	0.05 1.5	0.36 5.0	0.26 3.6	3.4 96	0.37 11.6	5.0 71	0.09	34.88	26.4	8.28	6.20	0.06
T6-10m	01/11/11	1245	0.5 Ebb	0.13 4.1	0.61 8.5	0.20 2.8	11.2 314	0.42 12.9	3.6 51	0.03	34.91	25.0	8.25	6.51	0.09
T6-10m	4/27/11	1020	0.4 Flood	0.15 4.6	0.44 6.1	0.20 2.8	9.8 275	0.43 13.4	3.6 50	0.07	34.79	24.8	8.23	6.44	0.19
Geomean '10-'11				0.09 2.6	0.50 7.0	0.21 3.0		0.38 11.9	3.9 55	0.06					0.10
T6-50m	08/11/10	1027	0.1 Low	0.05 1.5	0.58 8.1	0.05 0.7	5.1 142	0.29 8.9	2.9 41	0.05	34.92	26.0	8.22	6.64	0.1
T6-50m	11/09/10	1022	1.2 Ebb	0.05 1.7	0.51 7.1	0.16 2.3	10.0 281	0.40 12.4	4.8 67	0.09	34.85	26.4	8.29	6.26	0.04
T6-50m	01/11/11	1249	0.4 Ebb	0.15 4.8	0.87 12.2	0.15 2.1	17.3 486	0.51 15.7	4.5 64	0.04	34.96	25.0	8.25	6.49	0.11
T6-50m	4/27/11	1023	0.5 Flood	0.16 5.1	0.56 7.9	0.19 2.7	22.6 635	0.43 13.3	3.9 54	0.09	34.77	24.8	8.23	6.48	0.17
Geomean '10-'11				0.09 2.8	0.62 8.6	0.12 1.7		0.40 12.3	3.9 55	0.06					0.09
T6-100m	08/11/10	1032	0.1 Low	0.08 2.6	1.26 17.7	0.30 4.2	12.1 339	0.29 9.1	2.8 39	0.05	34.68	26.0	8.21	6.46	0.08
T6-100m	11/09/10	1028	1.2 Ebb	0.05 1.5	0.49 6.8	0.11 1.5	4.9 138	0.45 14.0	5.3 74	0.09	34.84	26.4	8.29	6.28	0.07
T6-100m	01/11/11	1255	0.4 Ebb	0.15 4.7	0.58 8.1	0.21 2.9	6.5 183	0.45 13.8	3.9 55	0.04	34.87	25.1	8.25	6.52	0.13
T6-100m	4/27/11	1027	0.5 Flood	0.15 4.7	0.26 3.6	0.11 1.5	4.6 129	0.40 12.5	3.8 53	0.08	34.83	24.9	8.22	6.30	0.14
Geomean '10-'11				0.10 3.0	0.55 7.7	0.16 2.3		0.39 12.2	3.8 54	0.06					0.10
T6-500m	08/11/10	1042	0.1 Low	0.02 0.6	0.16 2.2	0.07 1.0	2.7 75	0.30 9.4	2.72 38	0.04	34.99	26.1	8.22	6.55	0.15
T6-500m	11/09/10	1037	1.2 Ebb	0.03 0.8	0.13 1.8	0.15 2.1	2.5 71	0.38 11.9	4.06 57	0.08	34.94	26.5	8.29	6.13	0.03
T6-500m	01/11/11	1302	0.4 Ebb	0.11 3.4	0.01 0.2	0.09 1.3	4.1 114	0.42 13.1	3.04 43	0.08	35.03	25.1	8.25	6.39	0.05
T6-500m	4/27/11	1034	0.6 Flood	0.14 4.4	0.12 1.7	0.06 0.8	6.1 171	0.41 12.7	4.02 56	0.11	34.87	24.9	8.22	6.22	0.20
Geomean '10-'11				0.05 1.6	0.08 1.1	0.09 1.2		0.38 11.7	3.4 48	0.07					0.08

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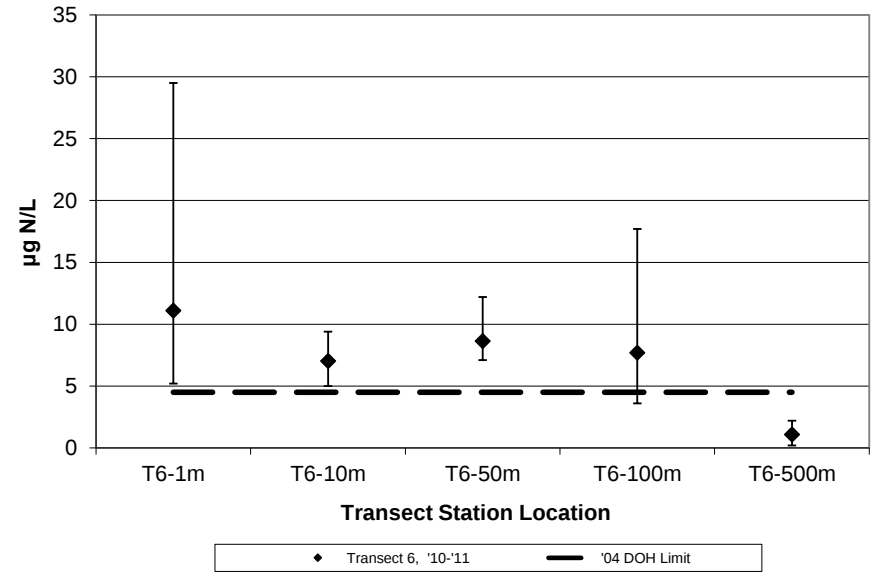
Transect 6

July 2010 - June 2011

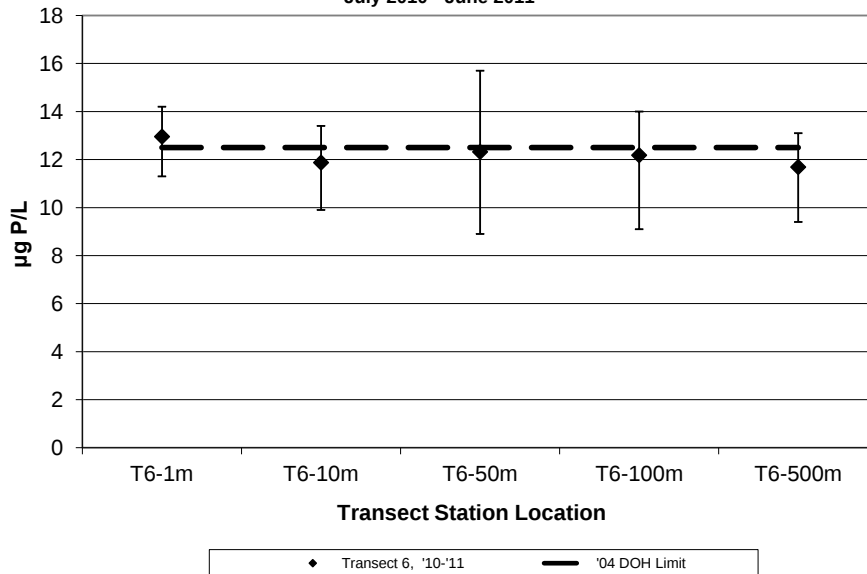
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean, July 2010 - June 2011



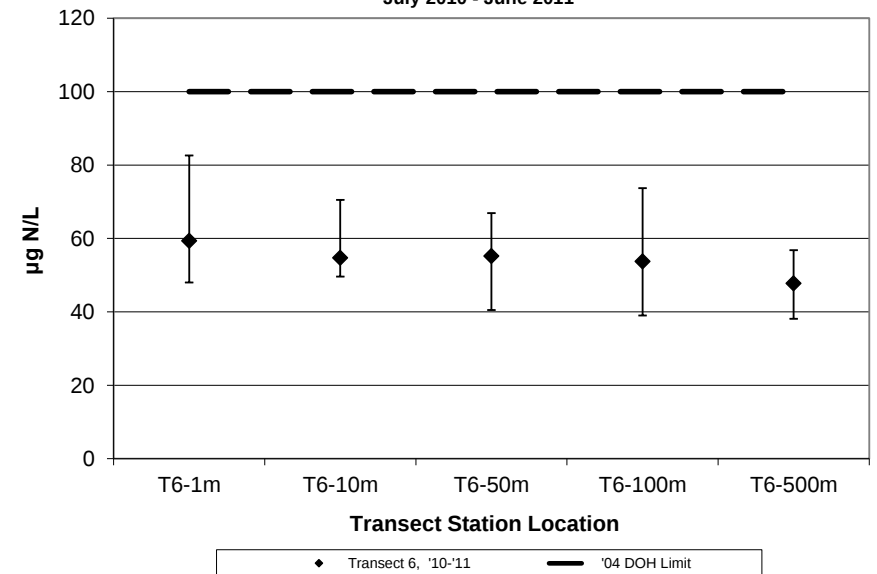
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean, July 2010 - June 2011



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2010 - June 2011



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2010 - June 2011



NELHA Water Quality Laboratory

Transect 6

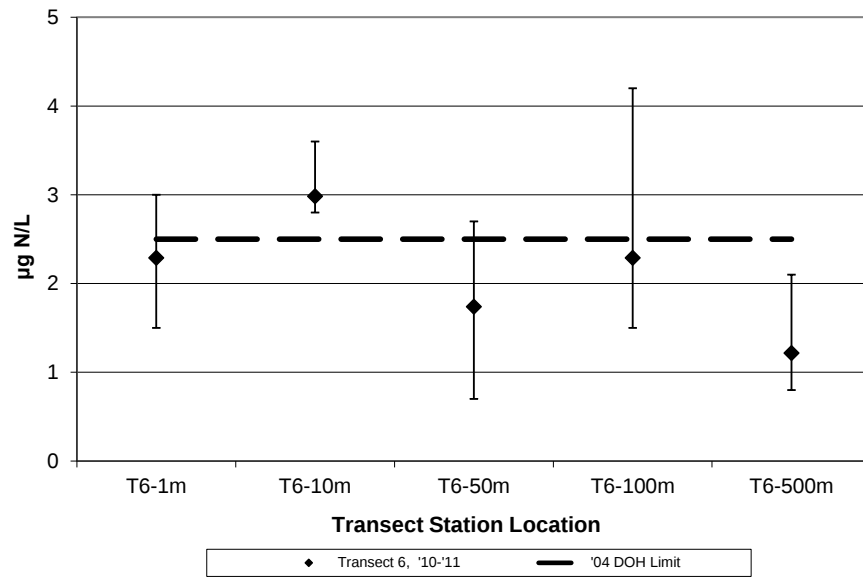
July 2010 - June 2011

NELHA Water Quality Laboratory

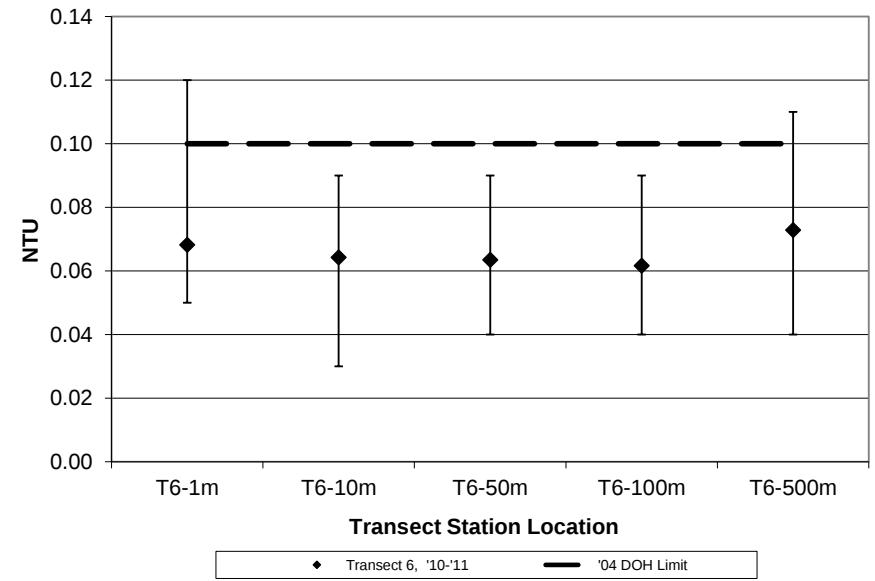
Transect 6

July 2010 - June 2011

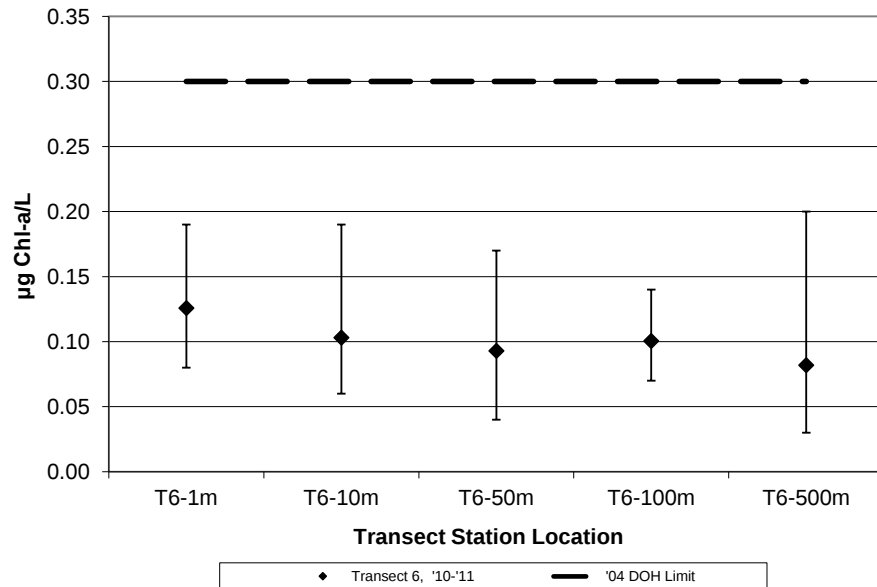
Transect 6 Station Summary
Ammonia Geometric Mean, July 2010 - June 2011



Transect 6 Station Summary
Turbidity Geometric Mean, July 2010 - June 2011



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2010 - June 2011



NELHA Water Quality Laboratory

Transect 6

July 2009 - June 2010

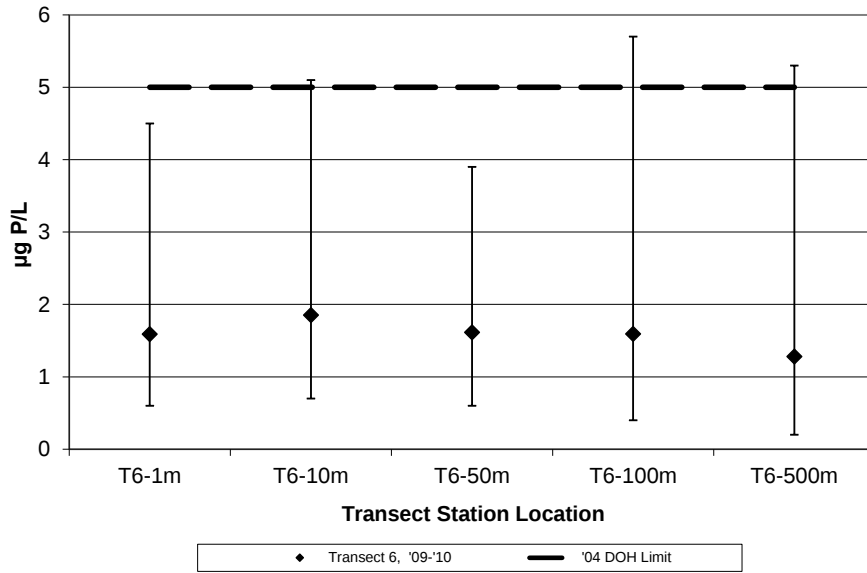
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T6-1m	09/10/09	1045	1.8 Ebb	0.10 3.1	0.39 5.5	0.71 9.9	11.6 327	0.52 16.0	5.7 80	0.08	35.170	27.5	8.21	5.74	0.25
T6-1m	11/24/09	1009	1.7 High	0.02 0.8	0.35 4.9	0.07 1.0	30.8 864	0.29 9.1	5.0 70	0.06	35.200	25.1	8.24	6.48	0.10
T6-1m	02/24/10	1043	0.4 High	0.15 4.5	0.31 4.4	0.39 5.5	3.4 95	0.36 11.0	7.4 104	0.08	34.780	24.6	8.22	5.57	0.2
T6-1m	5/26/10	959	0.0 Flood	0.02 0.6	0.40 5.6	0.35 4.9	4.4 124	0.21 6.6	7.2 102	0.04	34.730	25.1	8.28	6.85	0.09
Geomean '09-'10				0.05 1.6	0.36 5.1	0.3 4.0		0.3 10.1	6.3 88	0.06					0.15
T6-10m	09/10/09	1054	1.7 Ebb	0.16 5.1	0.41 5.7	0.24 3.4	7.0 197	0.57 17.6	6.1 85	0.11	35.260	27.2	8.22	5.70	0.3
T6-10m	11/24/09	1013	1.7 High	0.02 0.8	0.30 4.2	0.10 1.4	5.2 145	0.27 8.5	4.8 68	0.04	35.200	25.1	8.25	6.51	0.12
T6-10m	02/24/10	1047	0.4 High	0.14 4.3	0.27 3.8	0.32 4.5	3.6 102	0.12 3.7	8.7 121	0.07	34.780	24.6	8.22	5.61	0.11
T6-10m	5/26/10	1004	0.0 Flood	0.02 0.7	0.39 5.4	0.28 3.9	13.1 367	0.19 6.0	4.4 61	0.05	34.730	25.1	8.28	6.88	0.07
Geomean '09-'10				0.06 1.9	0.34 4.7	0.22 3.0		0.25 7.6	5.8 81	0.06					0.13
T6-50m	09/10/09	1102	1.7 Ebb	0.13 3.9	0.46 6.5	0.30 4.2	6.7 189	0.58 18.0	6.3 88	0.10	35.020	27.4	8.2	5.70	0.17
T6-50m	11/24/09	1020	1.7 High	0.02 0.8	0.39 5.4	0.14 1.9	25.6 719	0.28 8.7	5.2 73	0.04	35.180	25.1	8.26	6.61	0.13
T6-50m	02/24/10	1050	0.4 High	0.12 3.8	0.09 1.2	0.36 5.0	7.4 208	0.28 8.8	7.6 107	0.08	34.780	24.6	8.23	5.61	0.27
T6-50m	5/26/10	1011	0.0 Flood	0.02 0.6	0.33 4.6	0.16 2.2	4.8 134	0.27 8.4	6.4 90	0.10	34.730	25.1	8.28	6.91	0.09
Geomean '09-'10				0.05 1.6	0.27 3.7	0.22 3.1		0.33 10.4	6.3 88	0.08					0.15
T6-100m	09/10/09	1108	1.6 Ebb	0.18 5.7	0.60 8.4	0.52 7.3	8.5 239	0.60 18.5	6.7 94	0.09	35.110	27.3	8.19	5.77	0.32
T6-100m	11/24/09	1027	1.7 High	0.02 0.8	0.45 6.3	0.16 2.3	16.4 461	0.31 9.5	5.5 77	0.06	35.130	25.1	8.24	6.59	0.18
T6-100m	02/24/10	1054	0.4 High	0.12 3.7	0.16 2.2	0.38 5.3	2.6 73	0.32 10.0	7.3 103	0.07	34.830	24.6	8.22	5.56	0.27
T6-100m	5/26/10	1016	0.0 Flood	0.01 0.4	0.13 1.8	0.19 2.7	4.5 128	0.23 7.2	4.6 65	0.06	34.770	25.1	8.28	6.65	0.09
Geomean '09-'10				0.05 1.6	0.27 3.8	0.28 3.9		0.34 10.6	5.9 83	0.07					0.19
T6-500m	09/10/09	1123	1.6 Ebb	0.17 5.3	0.09 1.3	0.56 7.8	5.0 139	0.54 16.8	5.30 74	0.06	35.21	27.4	8.18	5.22	0.32
T6-500m	11/24/09	1035	1.7 High	0.02 0.8	0.02 0.3	0.12 1.7	4.8 136	0.34 10.4	4.66 65	0.03	35.270	25.2	8.25	6.38	0.12
T6-500m	02/24/10	1104	0.5 High	0.11 3.3	0.03 0.4	0.40 5.6	2.2 62	0.43 13.2	6.89 97	0.11	34.680	24.6	8.20	5.44	0.24
T6-500m	5/26/10	1025	0.1 Flood	0.01 0.2	0.04 0.5	0.15 2.1	2.5 70	0.19 6.0	4.25 60	0.05	34.850	25.1	8.27	6.71	0.09
Geomean '09-'10				0.04 1.3	0.04 0.5	0.25 3.5		0.35 10.8	5.2 73	0.06					0.17

NELHA Water Quality Laboratory

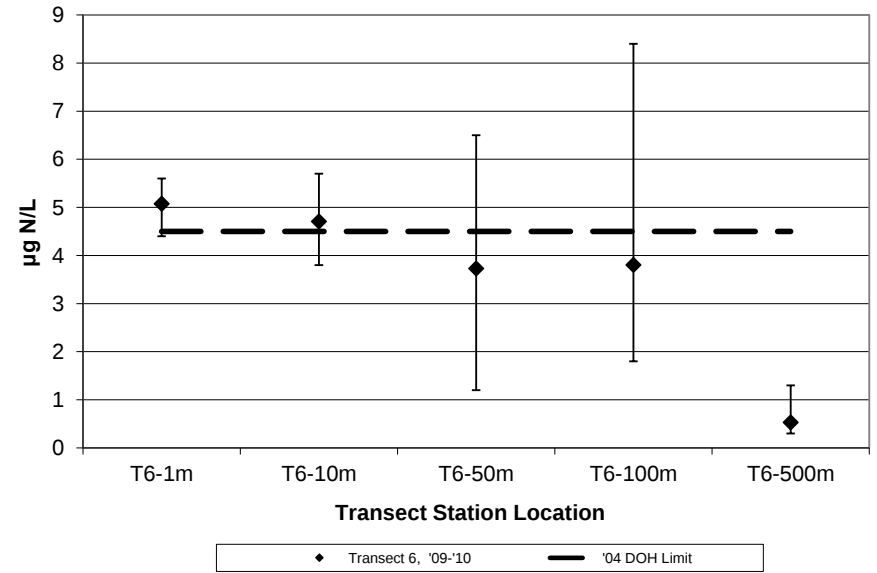
Transect 6

July 2009 - June 2010

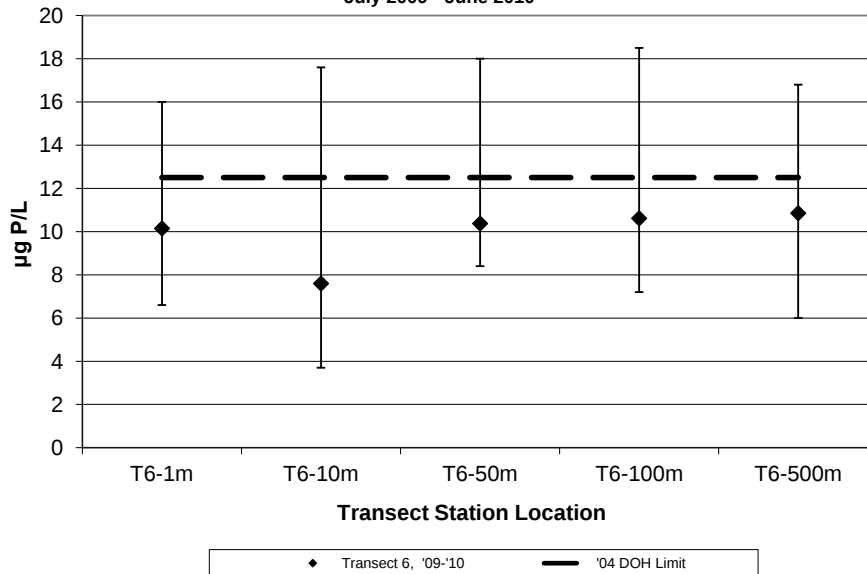
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean, July 2009 - June 2010



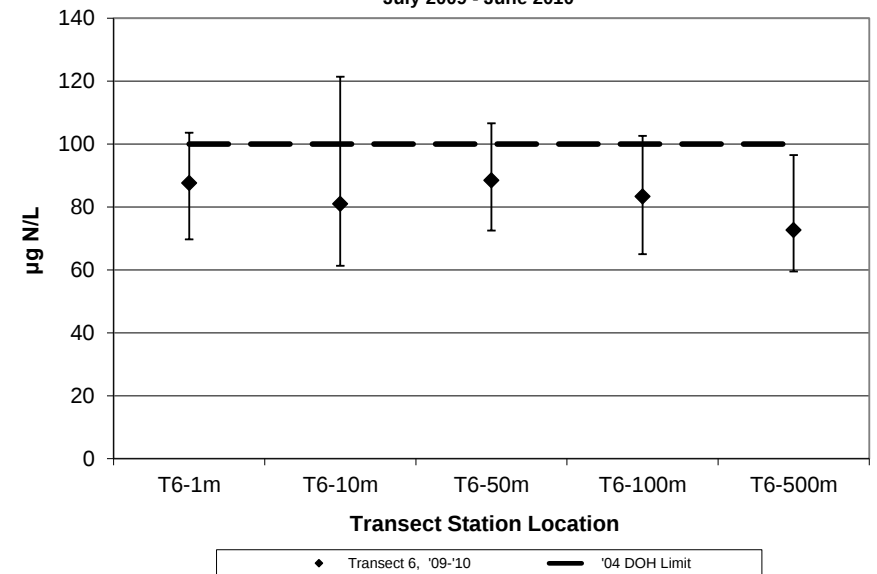
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean, July 2009 - June 2010



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2009 - June 2010



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2009 - June 2010



NELHA Water Quality Laboratory

Transect 6

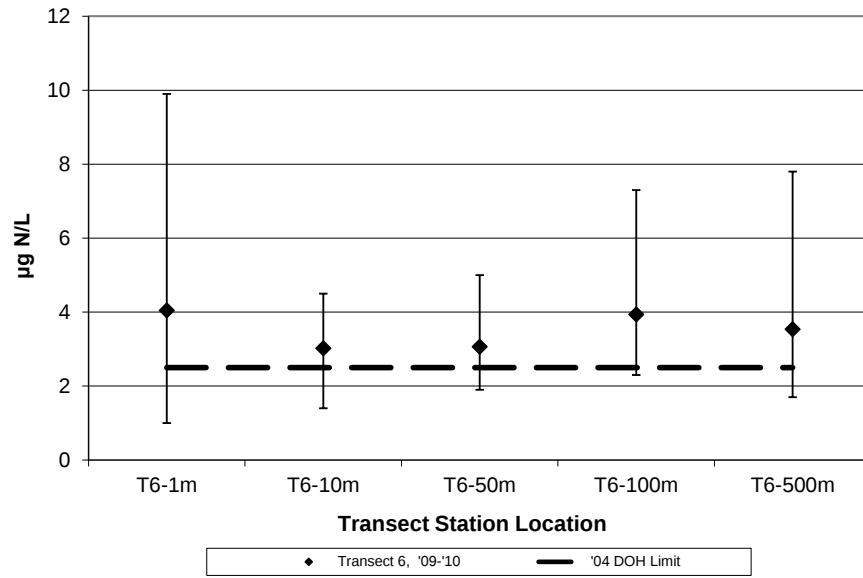
July 2009 - June 2010

NELHA Water Quality Laboratory

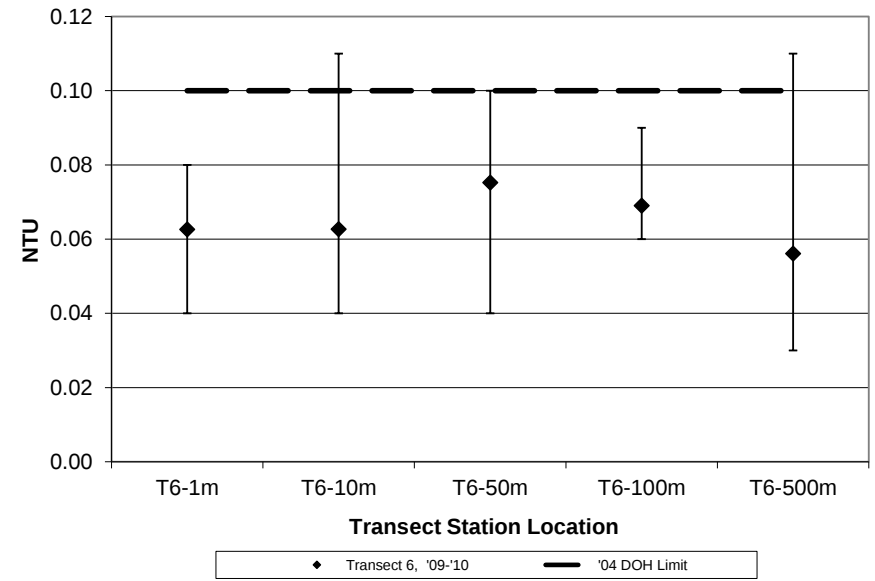
Transect 6

July 2009 - June 2010

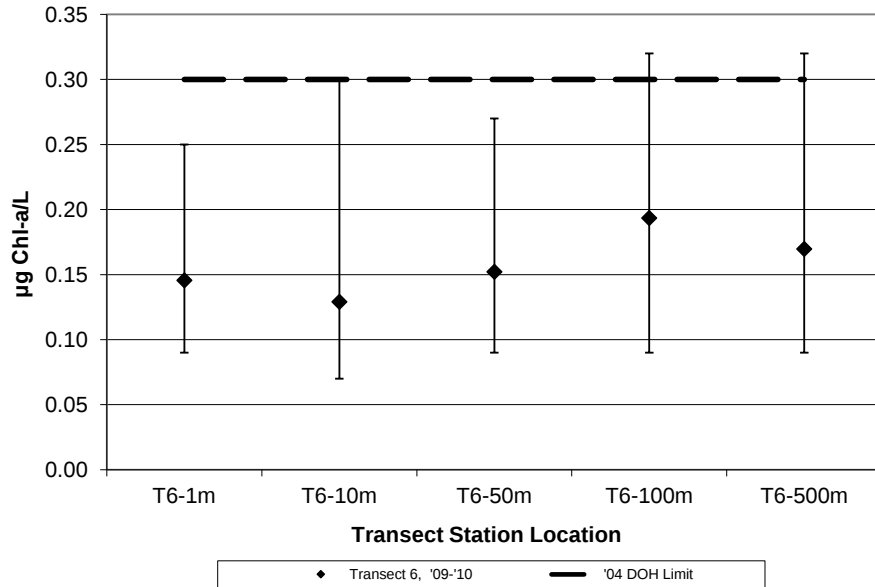
Transect 6 Station Summary
Ammonia Geometric Mean, July 2009 - June 2010



Transect 6 Station Summary
Turbidity Geometric Mean, July 2009 - June 2010



Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2009 - June 2010



NELHA Water Quality Laboratory

Transect 6

July 2008 - June 2009

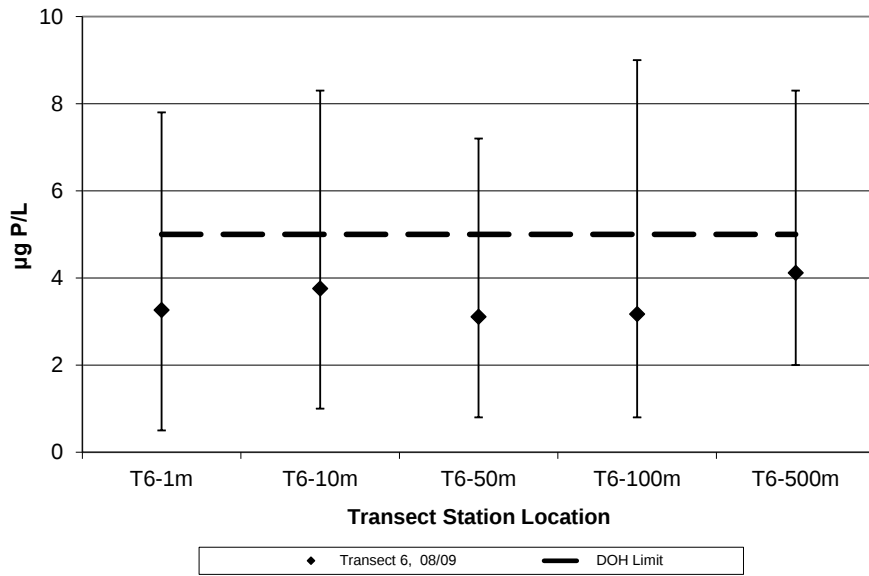
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10				0.30	
T6-1m	09/23/08	1151	2.2 High	0.02	0.5	0.37	5.2	0.51	7.1	3.0	84	0.30	9.3	5.1	72	0.10	34.787	27.0	8.09	6.50	0.13
T6-1m	12/08/08	1055	1.0 Flood	0.18	5.5	0.42	5.9	1.20	16.8	3.9	109	0.37	11.5	5.3	74	0.08	34.900	26.0	8.32	5.76	0.04
T6-1m	02/10/09	949	0.2 Ebb	0.17	5.3	2.61	36.6	0.18	2.5	15.4	432	0.22	6.9	7.0	98	0.17	34.814	24.6	8.06	6.04	0.05
T6-1m	6/30/09	1041	1.5 Ebb	0.25	7.8	0.57	8.0	0.28	3.9	5.8	162	0.43	13.3	4.7	67	0.09	34.828	26.7	8.21	6.15	0.08
Geomean	08/09			0.11	3.3	0.70	9.7	0.4	5.8			0.3	10.0	5.5	77	0.11					0.07
T6-10m	09/23/08	1157	2.1 Ebb	0.03	1.0	0.43	6.0	0.47	6.6	3.5	98	0.34	10.4	5.8	82	0.08	34.755	26.9	8.10	6.43	0.11
T6-10m	12/08/08	1058	1.0 Flood	0.16	5.0	0.36	5.1	0.34	4.7	3.8	106	0.27	8.3	4.9	68	0.06	34.899	26.1	8.31	5.71	0.04
T6-10m	02/10/09	954	0.2 Ebb	0.15	4.8	1.76	24.7	0.18	2.5	12.3	344	0.32	9.8	11.9	167	0.15	34.724	24.8	8.05	6.11	0.07
T6-10m	6/30/09	1045	1.5 Ebb	0.27	8.3	0.41	5.8	0.12	1.7	4.6	129	0.47	14.6	5.1	72	0.34	34.862	26.7	8.20	6.28	0.12
Geomean	08/09			0.12	3.8	0.58	8.1	0.24	3.4			0.34	10.5	6.5	91	0.13					0.08
T6-50m	09/23/08	1204	2.1 Ebb	0.03	0.8	0.19	2.6	0.37	5.2	2.3	64	0.29	9.1	4.8	68	0.07	34.786	26.9	8.08	6.40	0.15
T6-50m	12/08/08	1105	1.0 Flood	0.18	5.6	0.95	13.3	0.44	6.1	8.2	231	0.32	9.9	6.6	92	0.12	34.671	26.2	8.31	5.46	0.07
T6-50m	02/10/09	958	0.1 Ebb	0.09	2.9	0.76	10.7	0.18	2.5	6.8	191	0.26	8.0	8.3	116	0.08	34.847	24.7	8.06	6.10	0.07
T6-50m	6/30/09	1050	1.5 Ebb	0.23	7.2	0.44	6.1	0.44	6.2	5.0	142	0.46	14.1	4.3	60	0.24	34.785	26.8	8.22	6.36	0.11
Geomean	08/09			0.10	3.1	0.49	6.9	0.34	4.7			0.32	10.0	5.8	81	0.11					0.09
T6-100m	09/23/08	1210	2.1 Ebb	0.03	0.8	0.14	2.0	0.31	4.3	2.2	63	0.35	10.7	5.4	75	0.06	34.787	26.8	8.07	6.05	0.12
T6-100m	12/08/08	1114	1.0 Flood	0.16	5.0	0.58	8.1	0.30	4.2	5.3	149	0.35	10.8	5.8	81	0.08	34.690	26.3	8.30	5.63	0.04
T6-100m	02/10/09	1005	0.1 Ebb	0.09	2.8	0.55	7.7	0.18	2.5	5.7	159	0.24	7.4	8.7	122	0.09	34.908	24.8	8.06	5.87	0.04
T6-100m	6/30/09	1055	1.5 Ebb	0.29	9.0	1.44	20.1	0.63	8.8	13.6	381	0.49	15.1	5.3	75	0.10	34.516	26.7	8.18	6.28	0.16
Geomean	08/09			0.10	3.2	0.51	7.1	0.32	4.5			0.34	10.7	6.2	86	0.08					0.07
T6-500m	09/23/08	1219	2.1 Ebb	0.11	3.4	0.04	0.6	0.28	3.9	2.3	66	0.47	14.6	4.50	63	0.06	34.802	26.8	8.07	5.75	0.15
T6-500m	12/08/08	1121	1.0 Flood	0.16	5.1	0.40	5.6	0.33	4.6	4.2	119	0.34	10.6	5.60	78	0.07	34.889	26.4	8.29	5.59	0.02
T6-500m	02/10/09	1009	0.0 Ebb	0.06	2.0	0.10	1.4	0.18	2.5	1.3	37	0.48	14.9	7.87	110	0.06	35.107	24.7	8.06	5.97	0.03
T6-500m	6/30/09	1102	1.6 Ebb	0.27	8.3	0.45	6.3	0.12	1.7	6.2	173	0.49	15.3	4.77	67	0.14	34.917	27.0	8.20	5.92	0.09
Geomean	08/09			0.13	4.1	0.17	2.3	0.21	3.0			0.44	13.7	5.5	78	0.08					0.05

NELHA Water Quality Laboratory

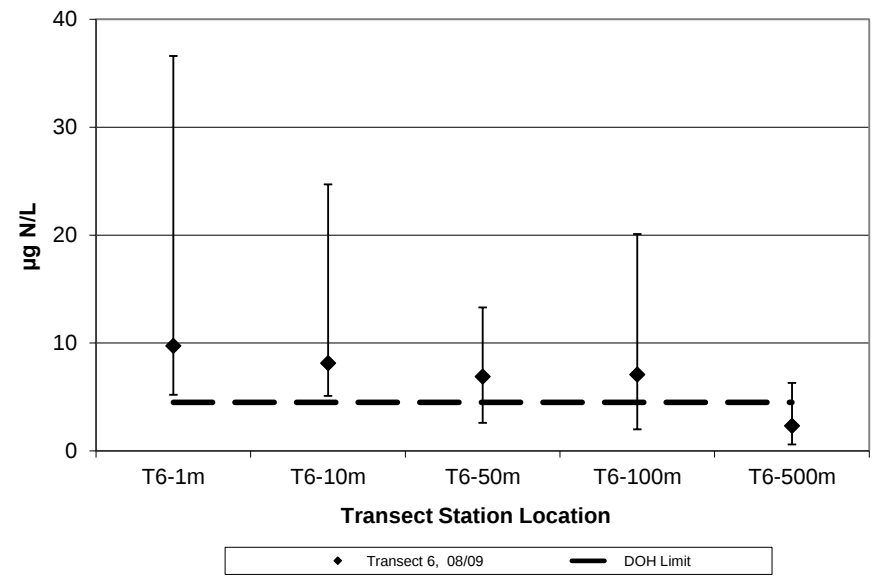
Transect 6

July 2008 - June 2009

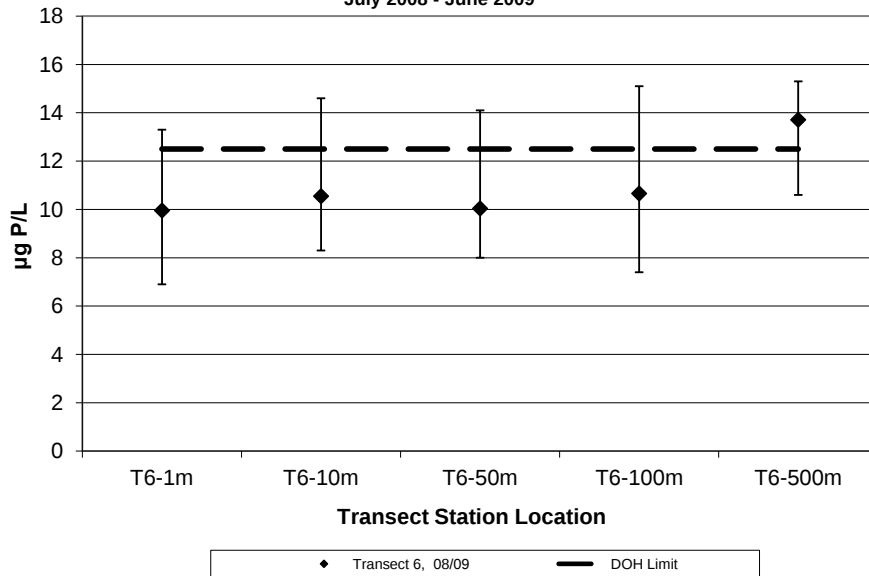
Transect 6 Station Summary
Ortho-Phosphate Geometric Mean, July 2008 - June 2009



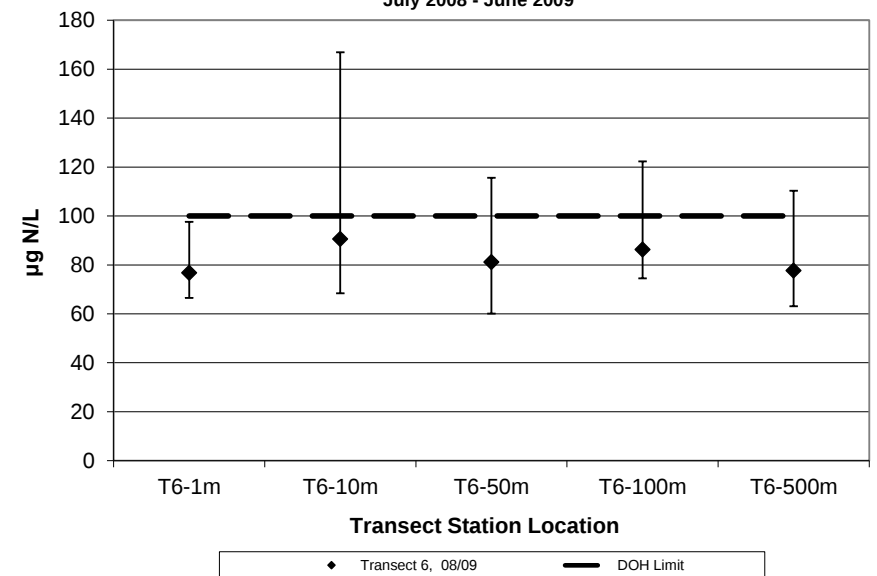
Transect 6 Station Summary
Nitrate + Nitrite Geometric Mean, July 2008 - June 2009



Transect 6 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2008 - June 2009



Transect 6 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2008 - June 2009



NELHA Water Quality Laboratory

Transect 6

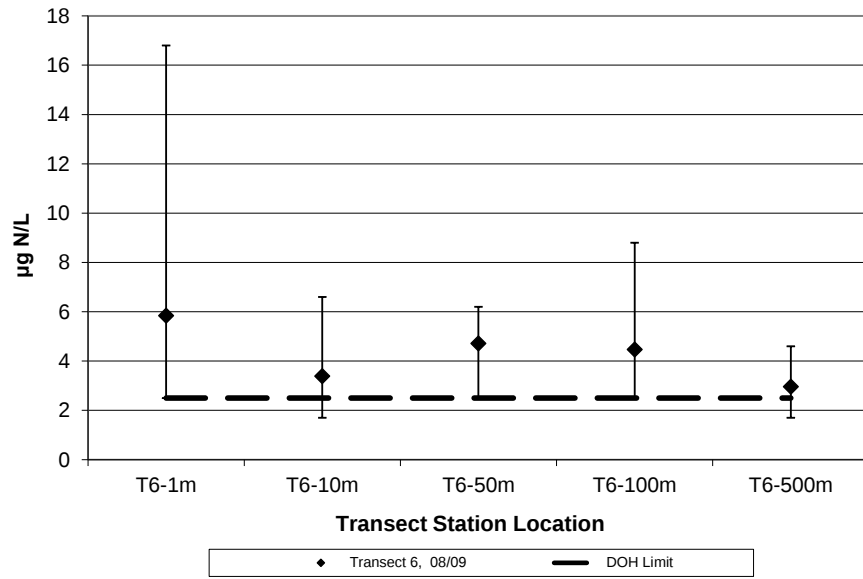
July 2008 - June 2009

NELHA Water Quality Laboratory

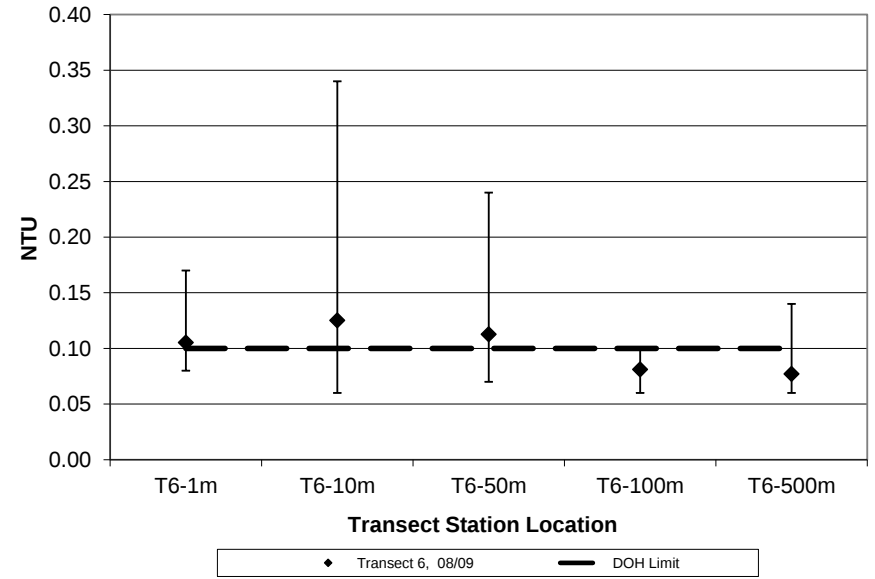
Transect 6

July 2008 - June 2009

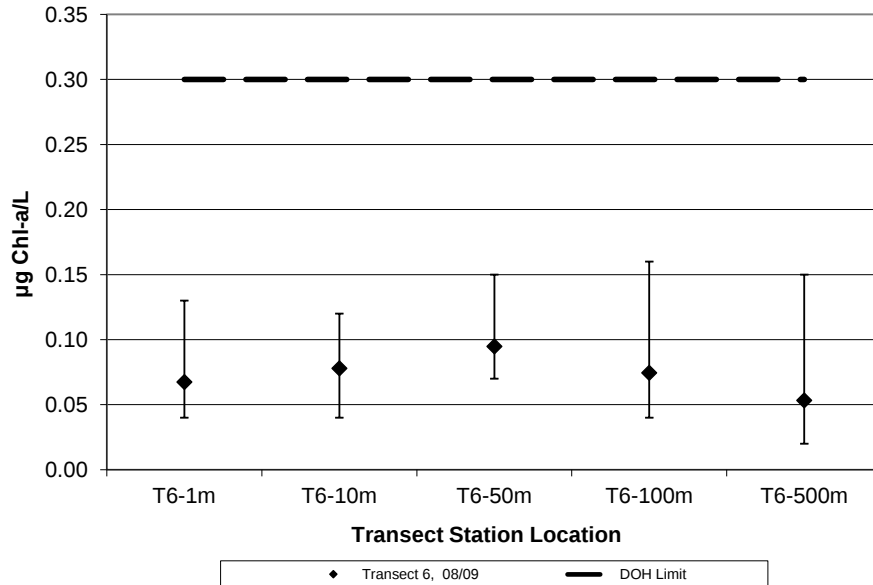
Transect 6 Station Summary
Ammonia Geometric Mean, July 2008 - June 2009



Transect 6 Station Summary
Turbidity Geometric Mean, July 2008 - June 2009

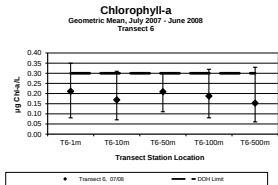
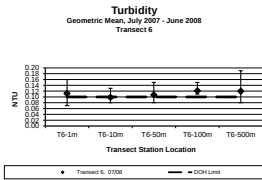
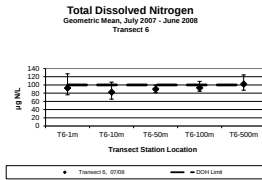
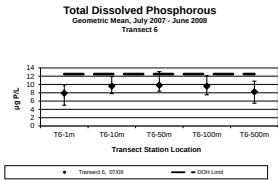
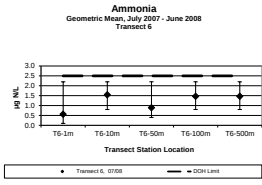
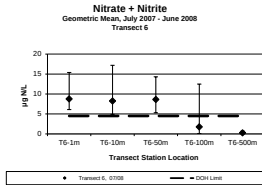
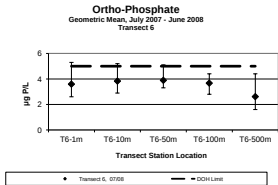


Transect 6 Station Summary
Chlorophyll-a Geometric Mean, July 2008 - June 2009



NELHA Water Quality Laboratory
FY 07/08, Transect 6

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (µM)	NO3+NO2 (µg P/L)	NH4 (µM)	SI (µg Si/L)	TDP (µM)	TDN (µg N/L)	Turbidity (NTU)	Salinity (‰)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOM LIMIT			0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10	0.3					
T6-1m	27-Sep-07	1027	0.17	5.3	0.73	10.2	0.01	0.1	7.7	217	0.32	9.9	5.4	76	0.16	34.725	26.6	8.08	6.56	0.08
T6-1m	14-Dec-07	1025	0.08	2.6	0.44	6.1			4.8	134	0.31	9.7	9.1	127	0.07	34.625	25.6	8.19	6.72	0.34
T6-1m	11-Mar-08	1033	0.12	3.8	1.10	15.4	0.06	0.8	8.4	237	0.16	5.0	7.1	100	0.14	34.782	24.7	8.11	6.53	0.35
T6-1m	9-Jun-08	1055	0.10	3.2	0.44	6.2	0.16	2.2	19.8	557	0.26	8.2	5.4	76	0.10	34.578	25.1	8.11	5.77	0.21
Geomean	07/08		0.12	3.6	0.63	8.8	0.0	0.6		0.26	7.9	6.6	83		0.21					0.21
T6-100m	27-Sep-07	1020	0.17	5.2	0.64	9.0	0.15	2.1	4.9	138	0.33	10.1	5.7	80	0.13	34.707	26.7	8.10	6.37	0.07
T6-100m	14-Dec-07	1028	0.12	2.6	0.44	6.1			4.9	138	0.38	11.9	5.9	83	0.10	34.566	25.6	8.18	6.70	0.31
T6-100m	11-Mar-08	1035	0.13	4.0	1.23	17.2	0.06	0.8	21.3	598	0.29	9.1	7.6	107	0.09	34.680	24.7	8.10	6.57	0.29
T6-100m	9-Jun-08	1102	0.09	2.9	0.35	4.9	0.16	2.2	17.4	489	0.25	7.8	4.7	66	0.08	34.553	25.1	8.12	5.80	0.13
Geomean	07/08		0.12	3.8	0.59	8.2	0.11	1.5		0.31	9.6	5.9	82		0.10					0.17
T6-500m	27-Sep-07	1010	0.16	5.1	0.38	5.3	0.03	0.4	8.4	235	0.33	10.1	7.1	100	0.10	34.785	26.66	8.10	6.39	0.11
T6-500m	14-Dec-07	1031	0.12	3.7	1.02	14.3			9.2	259	0.42	13.1	5.9	83	0.08	34.398	25.66	8.18	6.96	0.30
T6-500m	11-Mar-08	1037	0.12	3.7	0.79	11.0	0.06	0.8	13.0	366	0.27	8.4	6.9	96	0.11	34.720	24.72	8.10	6.59	0.29
T6-500m	9-Jun-08	1104	0.11	3.3	0.48	6.7	0.16	2.2	19.9	559	0.27	8.4	5.8	81	0.15	34.559	25.15	8.12	5.79	0.20
Geomean	07/08		0.13	3.9	0.62	8.6	0.06	0.9		0.32	9.8	6.4	90		0.11					0.21
T6-1000m	27-Sep-07	1000	0.14	4.4	0.01	0.1	0.13	1.8	9.4	263	0.33	10.2	6.2	87	0.15	34.797	26.70	8.09	6.31	0.08
T6-1000m	14-Dec-07	1033	0.13	4.0	0.89	12.5			9.1	265	0.39	12.1	7.8	109	0.11	34.470	25.65	8.16	6.84	0.22
T6-1000m	11-Mar-08	1041	0.12	3.7	0.54	7.6	0.06	0.8	17.1	481	0.24	7.5	6.0	84	0.11	34.723	24.75	8.11	6.56	0.32
T6-1000m	9-Jun-08	1109	0.09	2.8	0.07	1.0	0.16	2.2	14.6	410	0.29	9.1	6.7	93	0.12	34.570	25.22	8.11	5.75	0.22
Geomean	07/08		0.12	3.7	0.13	1.8	0.10	1.5		0.31	9.6	6.6	93		0.12					0.18
T6-5000m	27-Sep-07	945	0.14	4.4	0.01	0.1	0.13	1.8	5.4	151	0.35	10.8	7.8	110	0.15	34.905	26.69	8.08	6.28	0.06
T6-5000m	14-Dec-07	1008	0.09	2.9	0.01	0.1			2.0	55	0.35	10.8	6.2	87	0.08	34.727	25.69	8.16	6.52	0.12
T6-5000m	11-Mar-08	1048	0.07	2.3	0.05	0.7	0.06	0.8	3.4	97	0.18	5.5	6.5	91	0.19	34.909	24.84	8.12	6.62	0.23
T6-5000m	9-Jun-08	1114	0.05	1.6	0.05	0.7	0.16	2.2	14.8	416	0.23	7.2	8.9	124	0.09	34.710	25.78	8.11	5.58	0.33
Geomean	07/08		0.08	2.6	0.02	0.3	0.10	1.5		0.27	8.2	7.3	102		0.12					0.15



Transect 6, 07/08

SITE ID	PO4		NO3+NO2		NH4		TDP		TDN		Turbidity		Chl a	
	limit	(µg PL)	limit	(µM N/L)	limit	(µM N/L)	limit	(µM N/L)	limit	(µM N/L)	limit	(NTU)	limit	(µg/L)
T6-1m	5	3.6	4.5	8.8	2.5	0.6	12.5	7.9	100	92.5	0.1	0.11	0.3	0.21
T6-100m	5	3.8	4.5	8.2	2.5	1.5	12.5	9.6	100	92.4	0.1	0.10	0.3	0.17
T6-500m	5	3.9	4.5	8.6	2.5	0.9	12.5	9.8	100	89.8	0.1	0.11	0.3	0.21
T6-1000m	5	3.7	4.5	1.8	2.5	1.5	12.5	9.6	100	92.9	0.1	0.12	0.3	0.19
T6-5000m	5	2.6	4.5	0.3	2.5	1.5	12.5	8.2	100	102.0	0.1	0.12	0.3	0.15

		PO4		NO3+NO2		NH4		TDP		TDN		Turbidity		Chl a	
Max/Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Max	Min	Max	Min	Max	Min
T6-1m	1.70	1.00	6.62	2.68	1.64	0.46	1.98	2.92	34.46	16.64	0.05	0.04	0.14	0.13	
T6-10m	1.36	0.94	8.95	3.35	0.65	0.75	2.29	1.81	24.61	16.89	0.03	0.02	0.14	0.10	
T6-50m	1.20	0.60	5.65	3.35	1.31	0.49	3.27	1.43	10.04	8.66	0.04	0.03	0.09	0.10	
T6-100m	0.73	0.87	10.74	1.66	0.73	0.67	2.52	2.08	15.78	8.52	0.03	0.01	0.13	0.11	
T6-500m	1.78	1.02	0.44	0.16	0.73	0.67	2.56	2.74	22.28	14.72	0.07	0.04	0.18	0.09	

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O6-1B	26-Jul-93	934	0.18	0.12	0.41	7.49	0.28	0.29	8.29
O6-1B	6-Dec-93	941	0.09	0.22	0.13	3.10	0.27	0.27	6.66
O6-1B	7-Mar-94	912	0.22	0.44	0.18	6.10	0.29	0.29	6.18
O6-1B	15-Jun-94	915	0.22	0.21	0.10	3.13	0.21	0.28	6.27
O6-1B	9-Sep-94	1010	0.09	0.32	0.27	4.00	0.29	0.28	7.04
O6-1B	14-Nov-94	816	0.13	0.38	0.55	5.18	0.34	0.37	5.68
O6-1B	22-Mar-95	842	0.20	0.27	0.37	4.10	0.31	0.33	5.44
O6-1B	20-Jun-95	835	0.12	0.14	0.05	2.33	0.25	0.26	6.09
O6-1B	26-Sep-95	921	0.14	0.42	0.53	7.34	0.32	0.32	7.00
O6-1B	14-Nov-95	1114	0.11	0.34	0.52	4.91	0.30	0.30	4.65
O6-1B	12-Mar-96	1137	0.14	0.15	0.50	3.82	0.35	0.35	4.82
O6-1B	14-May-96	1130	0.11	0.26	0.22	5.21	0.28	0.28	5.51
O6-1B	31-Jul-96	1200	0.09	0.65	0.46	8.64	0.27	0.27	3.84
O6-1B	2-Oct-96	1131	0.07	0.04	0.43	6.04	0.27	0.27	3.51
O6-1B	7-Jan-97	1138	0.07	0.01	0.25	2.17	0.27	0.27	4.11
O6-1B	28-Apr-97	1155	0.11	0.13	0.45	3.60	0.07	0.64	4.28
O6-1B	19-Aug-97	1138	0.08	0.20	0.18	7.10	0.33	0.34	4.52
O6-1B	7-Oct-97	1043	0.11	0.07	0.38	3.07	0.29	0.29	4.81
O6-1B	4-Mar-98	1213	0.09	0.15	0.23	4.67	0.30	0.30	5.12
O6-1B	5-May-98	1205	0.10	0.26	0.75	4.89	0.35	0.35	5.01
O6-1B	7-Jul-98	1225	0.11	0.34	0.15	6.92	0.39	0.39	5.00
O6-1B	6-Oct-98	1131	0.09	0.16	0.09	8.57	0.37	0.37	5.81
O6-1B	19-Jan-99	1207	0.09	0.20	0.13	5.90	0.34	0.34	7.17
O6-1B	12-Apr-99	1213	0.12	0.20	0.11	19.1	0.38	0.38	4.83
O6-1B	6-Jul-99	1244	0.13	0.19	0.07	3.99	0.36	0.36	5.87
O6-1B	4-Oct-99	1301	0.13	0.13	0.13	3.03	0.36	0.37	5.29
O6-1B	12-Jan-00	1208	0.12	0.62	0.41	8.41	0.32	0.33	6.26
O6-1B	11-Apr-00	1104	0.11	0.08	0.10	4.45	0.24	0.20	5.46
O6-1B	25-Jul-00	1223	0.09	0.22	0.05	4.55	0.33	0.32	5.36
O6-1B	31-Oct-00	1209	0.15	0.23	0.30	11.4	0.36	0.36	5.29
O6-1B	6-Mar-01	1156	0.18	0.36	0.10	4.64	0.35	0.35	5.20
O6-1B	7-May-01	1254	0.13	0.61	0.36	8.83	0.35	0.35	5.31
O6-1B	14-Aug-01	1100	0.12	0.08	0.37	3.47	0.36	0.35	7.71
O6-1B	30-Oct-01	1109	0.13	0.37	0.03	4.07	0.38	0.39	5.20
O6-1B	6-Mar-02	1112	0.18	0.62	0.08	7.05	0.38	0.38	5.45
O6-1B	15-Apr-02	1131	0.14	0.30	0.02	3.67	0.38	0.39	6.71
O6-1B	10-Jul-02	1122	0.09	1.35	0.18	8.87	0.34	0.34	6.39
O6-1B	8-Oct-02	1115	0.13	1.12	0.09	7.69	0.34	0.37	5.87
O6-1B	12-Mar-03	1015	0.12	<0.01	<0.02	2.65	0.37	0.34	5.79
O6-1B	23-Apr-03	1120	0.15	1.45	0.03	10.9	0.40	0.38	6.47
O6-1B	21-Aug-03	1059	0.09	0.13	<0.10	6.3	0.37	0.38	7.63
O6-1B	3-Nov-03	1021	0.10	0.05	0.26	3.98	0.40	0.38	7.63
O6-1B	18-Mar-04	1053	0.14	0.75	0.27	7.65	0.43	0.43	5.51
O6-1B	24-May-04	1104	0.18	0.98	0.20	9.76	0.47	0.47	6.40
O6-1B	22-Sep-04	1138	0.08	<0.01	0.31	5.32	0.28	0.29	4.40
O6-1B	29-Nov-04	1046	0.08	0.18	0.18	3.82	0.30	0.31	5.60
O6-1B	24-Jan-05	1124	0.06	0.10	0.10	3.24	0.29	0.29	4.74
O6-1B	13-Apr-05	1130	0.13	0.27	0.22	6.07	0.39	0.39	4.66

O6-1B	21-Jul-05	1107	0.06	0.33	0.43	4.62	0.34	0.32	4.70
O6-1B	13-Oct-05	1035	0.05	0.04	0.19	6.58	0.32	0.38	3.96
O6-1B	15-Mar-06	1005	0.14	1.47	0.36	11.89	0.38	0.40	4.28
O6-1B	17-May-06	1045	0.10	0.28	<0.05	3.22	0.33	0.34	5.20
O6-1B	16-Aug-06	1051	0.11	0.30	0.37	2.44	0.37	0.45	5.26
O6-1B	20-Nov-06	1047	0.13	0.66	0.53	6.05	0.38	0.42	5.53
O6-1B	12-Feb-07	1147	0.17	0.87	0.45	6.06	0.37	0.43	5.96
O6-1B	16-Apr-07	1130	0.15	0.77	0.41	7.18	0.38	0.41	6.01

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
1.27	0.07	34.429	26.7	8.262	7.41	0.03			
1.27	0.08	34.000	25.7	8.245	7.58	0.17			
1.09	0.10	34.154	24.9	8.216	7.34	0.11	10	<1	
1.12	0.12	34.539	25.6	8.223	7.35	0.11	<1	<1	
1.18	0.09	34.547	27.5	8.238	7.12	0.15	<1	<1	
1.09	0.10	34.610	26.0	8.264	7.04	0.15	<1	<1	
1.02	0.12	34.180	25.1	8.251	7.75	0.16	<1	<1	
1.00	0.08	34.463	26.2	8.216	7.27	0.11	<1	<1	
0.97	0.15	34.387	27.0	8.236	6.89	0.00	<1	<1	
1.08	0.09	34.255	26.8	8.075	8.34	0.10	<1	<1	
0.99	0.07	34.181	25.5	7.815	7.28	0.13	<1	1	
1.07	0.08	34.238	27.4	7.964	7.15	0.08	<1	<1	
0.86	0.11	34.242	28.1	8.265	7.16	0.17	<1	<1	
0.83	0.08	34.652	28.2	8.232	7.11	0.04	<1	<1	
0.93	0.07	34.713	25.7	8.289	7.68	0.00	<1	<1	
1.02	0.24	34.008	26.4	8.288	7.05	0.06	<1	<1	
1.07	0.14	34.553	27.1	8.394	6.97	0.18	<1	<1	
1.04	0.13	34.740	27.5	8.450	7.32	0.08	<1	<1	
0.99	0.14	35.012	25.1	8.241	7.71	0.00	<1	<1	
0.95	0.10	35.009	24.2	8.252	7.98	0.09	<1	<1	
1.09	0.11	34.909	26.3	8.236	7.79	0.08	<1	<1	
1.11	0.08	35.114	27.2	8.231	8.20	0.07	<1	<1	
1.30	0.08	35.093	25.2	8.231	7.32	0.17	<1	<1	
1.11	0.08	34.640	24.2	8.223	7.82	0.09	<1	<1	
1.07	0.14	34.900	25.6	8.225	7.32	0.11	<1	<1	
1.08	0.10	34.950	26.2	8.276	7.64	0.10	<1	1	
0.93	0.10	34.575	24.9	8.260	7.57	0.11	<1	<1	
1.10	0.08	34.796	24.4	8.272	7.74	0.08	<1	<1	
0.95	0.08	34.811	26.7	8.281	7.35	0.12	<1	<1	
1.12	0.22	34.845	26.8	8.247	8.55	0.10	<1	<1	
1.12	0.10	34.686	24.9	8.22	7.19	0.10	<1	<1	
0.99	0.26	34.665	24.7	7.999	7.80	0.14	<1	1	
1.29	0.15	34.826	26.8	8.244	7.60	0.21	<1	<1	
1.04	0.12	34.936	26.7	8.217	7.92	0.16	<1	<1	
1.04	0.07	34.618	24.2	8.235	7.81	0.14	<1	<1	
1.07	0.08	34.485	25.4	8.219	7.66	0.08	<1	<1	
0.82	0.09	34.506	26.3	8.225	7.86	0.09	48	<1	
0.98	0.10	34.772	27.1	8.248	7.24	0.09	<1	43	
1.03	0.13	34.769	25.0	8.261	7.60	0.10	<1	6	
1.10	0.09	34.712	24.8	8.283	7.60	0.21	<1	<1	
	0.08	34.871	28.4	8.267	6.43	0.11	<1	<1	
	0.08	34.680	27.4	8.243	NO DATA	0.14	<1	<1	
	NO DATA	34.205	25.1	8.252	6.93	0.13	<1	<1	
	NO DATA	33.23	26.8	8.233	6.98	0.01	<1	<1	
	0.09	33.73	28.0	8.278	6.95	0.12	<1	1	
	0.07	33.73	27.0	8.308	6.72	0.06	<1	<1	
	0.08	34.875	25.5	8.331	6.94	0.08	<1	<1	
	0.13	34.464	25.0	8.303	6.85	0.06	<1	<1	

	0.13	34.744	27.4	8.278	6.58	0.05	<1	<1
0.99	0.16	34.980	27.4	8.291	6.67	0.06	<1	<1
	0.08	34.567	24.3	8.249	6.85	0.12	<1	<1
1.02	0.16	34.628	24.9	8.269	6.87	0.13	<1	<1
0.95	0.12	34.676	26.8	8.245	7.25	0.08	<1	<1
1.06	0.16	34.663	26.6	8.272	6.80	0.13	<1	<1
1.06	0.22	34.312	24.6	8.237	8.9	0.12	<1	<1
0.91	0.23	34.471	25.7	8.275	6.85	0.05	<1	<1

-134.5	25.7
-143.9	24.6
-150.1	26.0
-155.0	24.5
-160.3	26.0
-161.9	22.5
-159.3	22.6
-132.8	23.7
-106.8	25.1
-90.9	25.8
-43.3	24.4
-64.9	26.3
-109.5	24.4
-116.1	25.7
-88.1	21.9
-87.5	25.3
-84.2	26.5
-83.4	26.1
-75.5	25.0
-75.9	24.5
-84.6	24.4
-86.6	25.7
-89.7	24.5
-91.8	24.7
-96.9	25.2
-76.3	25.6
-75.2	24.3
-77.4	24.9
-81.2	25.5
-84.9	26.1
-85.5	25.3
-73.1	25.1
-86.6	25.9
-86.0	25.8
-88.1	24.9
-86.6	26.5
-87.9	27.2
-86.4	27.5
-86.6	25.3
-87.2	26.1
-87.2	25.6
-95.2	25.2
-87.5	
-92.7	23.2
-99.7	25.5
-101.0	23.4
-87.1	23.6
-87.6	23.5

-91.9	26.1
-84.2	23.2
-86.0	23.6
-86.8	26.0
-89.4	27.3
-92.5	25.3
-90.4	25.2
-92.1	25.3

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O6-2B	26-Jul-93	1152	0.11	0.13	0.40	2.41			
O6-2B	6-Dec-93	935	0.09	0.29	0.06	2.69			
O6-2B	7-Mar-94	904	0.23	1.11	0.17	6.60			
O6-2B	15-Jun-94	904	0.22	0.15	0.12	3.04			
O6-2B	9-Sep-94	853	0.08	0.16	0.15	4.33			
O6-2B	14-Nov-94	807	0.13	0.20	0.61	4.34			
O6-2B	22-Mar-95	836	0.19	0.17	0.35	5.30			
O6-2B	20-Jun-95	830	0.12	0.08	0.07	2.22			
O6-2B	26-Sep-95	933	0.16	0.47	0.62	8.22			
O6-2B	14-Nov-95	1108	0.11	0.22	0.55	3.48			
O6-2B	12-Mar-96	1132	0.14	0.06	0.52	2.50			
O6-2B	14-May-96	1126	0.10	0.17	0.16	12.2			
O6-2B	31-Jul-96	1155	0.08	0.37	0.46	7.04			
O6-2B	2-Oct-96	1127	0.06	0.03	0.35	2.66			
O6-2B	7-Jan-97	1134	0.07	0.01	0.22	4.08			
O6-2B	28-Apr-97	1153	0.11	0.11	0.45	4.30			
O6-2B	19-Aug-97	1132	0.07	0.09	0.18	4.05			
O6-2B	7-Oct-97	1037	0.11	0.02	0.38	2.34			
O6-2B	4-Mar-98	1209	0.08	0.05	0.18	2.79			
O6-2B	5-May-98	1158	0.09	0.18	0.18	4.06			
O6-2B	7-Jul-98	1217	0.11	0.30	0.02	6.65			
O6-2B	6-Oct-98	1126	0.08	0.10	0.09	1.57			
O6-2B	19-Jan-99	1202	0.08	0.13	0.18	3.28			
O6-2B	12-Apr-99	1208	0.12	0.16	0.14	10.2			
O6-2B	6-Jul-99	1235	0.09	0.15	0.06	4.02			
O6-2B	4-Oct-99	1255	0.12	0.21	0.13	2.62			
O6-2B	12-Jan-00	1203	0.11	0.36	0.37	9.15			
O6-2B	11-Apr-00	1100	0.10	0.01	0.04	3.55			
O6-2B	25-Jul-00	1219	0.10	0.13	0.05	5.54			
O6-2B	31-Oct-00	1205	0.11	0.15	0.28	6.06			
O6-2B	6-Mar-01	1150	0.14	0.10	0.14	3.67			
O6-2B	7-May-01	1250	0.14	0.27	0.37	5.54			
O6-2B	14-Aug-01	1055	0.12	0.10	0.31	3.49			
O6-2B	30-Oct-01	1106	0.12	0.17	0.03	8.14			
O6-2B	6-Mar-02	1109	0.17	0.62	0.08	6.66			
O6-2B	15-Apr-02	1128	0.12	0.26	0.04	2.59			
O6-2B	10-Jul-02	1117	0.09	0.68	0.17	6.63			
O6-2B	8-Oct-02	1110	0.14	0.70	0.06	4.52			
O6-2B	12-Mar-03	1010	0.12	0.43	<0.03	1.99			
O6-2B	23-Apr-03	1117	0.12	0.71	<0.03	6.50			
O6-2B	21-Aug-03	1050	0.07	0.01	<0.10	3.46			
O6-2B	3-Nov-03	1035	0.12	0.13	0.17	4.37			
O6-2B	18-Mar-04	1045	0.12	0.32	0.35	3.99			
O6-2B	24-May-04	1058	0.17	0.01	0.20	3.78			
O6-2B	22-Sep-04	1133	0.08	<0.01	0.29	2.36			
O6-2B	29-Nov-04	1040	0.06	0.03	0.08	1.16			
O6-2B	24-Jan-05	1117	0.06	0.08	0.12	3.16			
O6-2B	13-Apr-05	1124	0.13	0.25	0.16	4.64			

O6-2B	21-Jul-05	1058	0.08	0.40	0.45	9.54
O6-2B	13-Oct-05	1031	0.05	0.03	0.17	1.99
O6-2B	15-Mar-06	958	0.10	0.39	0.36	9.55
O6-2B	17-May-06	1038	0.09	0.10	0.40	2.00
O6-2B	16-Aug-06	1047	0.12	0.35	0.40	2.39
O6-2B	20-Nov-06	1040	0.12	0.41	0.52	3.12
O6-2B	14-Feb-07	1141	0.15	0.77	0.46	4.31
O6-2B	16-Apr-07	1121	0.13	0.36	0.37	5.45

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m3act/100 ml	Colifor 3act/100 m3act/100 ml	Enterococci 3act/100 ml
	0.08	34.428	27.0						
	0.08	34.814	25.7						
	0.08	33.895	24.8						
	0.10	34.548	25.5						
	0.10	34.550	27.5						
	0.09	34.645	26.0						
	0.12	34.183	25.1						
	0.08	34.479	26.2						
	0.14	34.352	27.0						
	0.08	34.309	26.8						
	0.07	34.197	25.4						
	0.08	34.264	27.5						
	0.12	34.361	28.0						
	0.10	34.644	28.2						
	0.08	34.724	25.7						
	0.14	34.409	26.5						
	0.10	34.606	27.1						
	0.08	34.752	27.5						
	0.08	35.052	24.7						
	0.15	35.048	24.2						
	0.08	34.927	26.3						
	0.09	35.130	27.1						
	0.08	35.115	25.2						
	0.09	34.644	24.2						
	0.10	34.922	25.6						
	0.12	34.940	26.2						
	0.09	34.962	24.9						
	0.05	34.839	24.4						
	0.12	34.827	26.6						
	0.10	34.878	26.9						
	0.10	34.696	26.7						
	0.14	34.750	24.8						
	0.13	34.815	26.8						
	0.08	34.985	26.7						
	0.08	34.609	24.2						
	0.13	34.531	25.4						
	0.12	34.575	26.3						
	0.07	34.878	27.1						
	0.16	34.769	25.0						
	0.08	34.850	24.8						
	0.06	34.816	28.3						
	0.09	34.633	27.5						
	NO DATA	34.361	24.5						
	NO DATA	33.39	26.7						
	0.08	33.69	27.8						
	0.07	33.72	27.0						
	0.08	34.796	25.5						
	0.09	35.472	25.0						

0.12	34.632	27.4
0.11	34.903	27.4
0.08	34.670	24.3
0.10	34.656	25.4
0.14	34.786	26.8
0.12	34.831	26.6
0.20	34.334	24.7
0.13	34.543	26.5

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)
O6-3B	26-Jul-93	1141	0.11	0.16	0.36	2.58		
O6-3B	6-Dec-93	926	0.06	0.28	0.13	2.49		
O6-3B	7-Mar-94	856	0.20	0.22	0.18	3.30		
O6-3B	15-Jun-94	901	0.21	0.09	0.12	2.44		
O6-3B	9-Sep-94	849	0.07	0.11	0.15	3.29		
O6-3B	14-Nov-94	803	0.13	0.20	0.52	2.97		
O6-3B	22-Mar-95	828	0.17	0.14	0.32	3.35		
O6-3B	20-Jun-95	828	0.11	0.07	0.12	1.74		
O6-3B	26-Sep-95	941	0.12	0.32	0.49	6.43		
O6-3B	14-Nov-95	1103	0.11	0.22	0.55	3.41		
O6-3B	12-Mar-96	1127	0.14	0.07	0.50	2.19		
O6-3B	14-May-96	1121	0.14	0.17	0.19	4.23		
O6-3B	31-Jul-96	1150	0.08	0.29	0.48	27.9		
O6-3B	2-Oct-96	1123	0.06	0.04	0.39	2.63		
O6-3B	7-Jan-97	1128	0.07	0.01	0.25	2.28		
O6-3B	28-Apr-97	1150	0.11	0.07	0.48	3.88		
O6-3B	19-Aug-97	1128	0.07	0.07	0.20	8.00		
O6-3B	7-Oct-97	1032	0.10	0.01	0.38	4.73		
O6-3B	4-Mar-98	1203	0.07	0.03	0.21	1.65		
O6-3B	5-May-98	1154	0.09	0.09	0.22	3.52		
O6-3B	7-Jul-98	1211	0.11	0.20	0.02	6.32		
O6-3B	6-Oct-98	1120	0.08	0.08	0.09	4.36		
O6-3B	19-Jan-99	1157	0.18	0.26	0.08	6.32		
O6-3B	12-Apr-99	1203	0.12	0.15	0.11	2.97		
O6-3B	6-Jul-99	1229	0.09	0.12	0.06	3.67		
O6-3B	4-Oct-99	1250	0.11	0.19	0.06	2.57		
O6-3B	12-Jan-00	1157	0.12	0.17	0.38	4.97		
O6-3B	11-Apr-00	1055	0.10	0.02	0.02	4.69		
O6-3B	25-Jul-00	1215	0.10	0.09	0.05	4.04		
O6-3B	31-Oct-00	1159	0.11	0.09	0.28	5.84		
O6-3B	6-Mar-01	1145	0.16	0.09	0.04	9.68		
O6-3B	7-May-01	1246	0.13	0.07	0.26	3.89		
O6-3B	14-Aug-01	1050	0.12	0.16	0.33	11.2		
O6-3B	30-Oct-01	1100	0.14	0.13	0.02	2.36		
O6-3B	6-Mar-02	1106	0.17	0.79	0.08	6.61		
O6-3B	15-Apr-02	1123	0.12	0.11	0.04	2.89		
O6-3B	10-Jul-02	1112	0.08	0.56	0.18	6.45		
O6-3B	8-Oct-02	1106	0.16	0.57	0.06	4.15		
O6-3B	12-Mar-03	1004	0.11	<0.03	0.03	1.76		
O6-3B	23-Apr-03	1114	0.20	0.41	<0.03	5.28		
O6-3B	21-Aug-03	1040	0.08	0.01	<0.10	2.68		
O6-3B	3-Nov-03	1029	0.11	0.04	0.23	2.88		
O6-3B	18-Mar-04	1039	0.13	0.42	0.33	5.36		
O6-3B	24-May-04	1053	0.18	0.47	0.18	5.05		
O6-3B	22-Sep-04	1128	0.08	0.06	0.31	2.36		
O6-3B	29-Nov-04	1036	0.08	0.24	0.17	3.23		
O6-3B	24-Jan-05	1112	0.06	0.01	0.14	2.22		
O6-3B	13-Apr-05	1119	0.14	0.03	0.13	2.64		

O6-3B	21-Jul-05	1053	0.07	0.29	0.38	4.97
O6-3B	13-Oct-05	1026	0.05	<0.01	0.18	1.58
O6-3B	15-Mar-06	952	0.10	0.53	0.33	10.04
O6-3B	17-May-06	1035	0.10	0.10	<0.05	1.49
O6-3B	16-Aug-06	1042	0.11	0.28	0.32	2.46
O6-3B	20-Nov-06	1035	0.16	0.22	0.48	2.85
O6-3B	14-Feb-07	1136	0.13	0.38	0.36	2.00
O6-3B	16-Apr-07	1117	0.14	<0.07	0.37	2.84

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
		0.06	34.443	26.9						
		0.10	34.845	25.8						
		0.07	34.234	24.9						
		0.10	34.566	25.5						
		0.08	34.570	27.6						
		0.11	34.655	26.0						
		0.11	34.199	25.1						
		0.06	34.477	26.2						
		0.20	34.420	27.1						
		0.08	34.303	26.8						
		0.11	34.201	25.5						
		0.08	34.271	27.4						
		0.11	34.388	28.0						
		0.16	34.639	28.3						
		0.13	34.738	25.7						
		0.11	34.414	26.5						
		0.10	34.627	27.1						
		0.21	34.743	27.6						
		0.07	35.063	24.6						
		0.07	35.060	24.3						
		0.09	34.975	26.2						
		0.09	35.126	27.2						
		0.08	35.090	25.1						
		0.08	34.682	24.2						
		0.11	34.930	25.6						
		0.10	34.968	26.2						
		0.10	34.066	24.9						
		0.13	34.831	24.4						
		0.11	34.839	26.6						
		0.09	34.879	27.0						
		0.10	34.737	24.8						
		0.07	34.817	24.8						
		0.12	34.806	26.8						
		0.15	35.006	26.7						
		0.13	34.590	24.2						
		0.07	34.519	25.4						
		0.11	34.593	26.3						
		0.10	34.870	27.1						
		0.08	34.779	25.1						
		0.13	34.903	24.9						
		0.09	34.826	28.3						
		0.09	34.666	27.4						
		NO DATA	34.299	25.4						
		NO DATA	33.38	26.7						
		0.08	33.87	27.8						
		0.06	33.70	26.9						
		0.09	35.120	25.7						
		0.09	34.483	25.2						

0.11	34.637	27.3
0.18	34.823	27.4
0.06	34.679	24.3
0.07	34.670	24.9
0.18	34.616	26.8
0.10	34.777	26.7
0.17	34.417	24.6
0.25	34.627	26.4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)
O6-4B	26-Jul-93	1130	0.09	0.14	0.42	1.82		
O6-4B	6-Dec-93	917	0.04	0.20	0.07	1.99		
O6-4B	7-Mar-94	849	0.19	0.18	0.18	2.89		
O6-4B	15-Jun-94	857	0.21	0.07	0.16	2.31		
O6-4B	9-Sep-94	847	0.06	0.04	0.10	4.96		
O6-4B	14-Nov-94	759	0.13	0.16	0.55	2.63		
O6-4B	22-Mar-95	830	0.18	0.18	0.34	4.15		
O6-4B	20-Jun-95	820	0.11	0.03	0.09	1.54		
O6-4B	26-Sep-95	953	0.17	0.28	0.56	6.22		
O6-4B	14-Nov-95	1058	0.11	0.21	0.55	3.22		
O6-4B	12-Mar-96	1121	0.13	0.04	0.52	1.90		
O6-4B	14-May-96	1117	0.10	0.17	0.16	4.26		
O6-4B	31-Jul-96	1146	0.08	0.31	0.48	6.86		
O6-4B	2-Oct-96	1119	0.06	0.03	0.38	2.46		
O6-4B	7-Jan-97	1124	0.07	0.01	0.21	2.18		
O6-4B	28-Apr-97	1141	0.11	0.11	0.49	3.47		
O6-4B	19-Aug-97	1123	0.07	0.08	0.21	3.80		
O6-4B	7-Oct-97	1025	0.11	0.04	0.39	2.14		
O6-4B	4-Mar-98	1157	0.07	0.03	0.18	2.10		
O6-4B	5-May-98	1148	0.09	0.06	0.22	3.12		
O6-4B	7-Jul-98	1204	0.11	0.18	0.06	4.53		
O6-4B	6-Oct-98	1113	0.08	0.01	0.06	1.87		
O6-4B	19-Jan-99	1152	0.07	0.22	0.13	12.3		
O6-4B	12-Apr-99	1156	0.11	0.16	0.14	2.49		
O6-4B	6-Jul-99	1222	0.09	0.10	0.07	2.65		
O6-4B	4-Oct-99	1242	0.10	0.23	0.03	2.74		
O6-4B	12-Jan-00	1149	0.13	0.08	0.40	4.10		
O6-4B	11-Apr-00	1049	0.10	0.01	0.04	2.73		
O6-4B	25-Jul-00	1209	0.10	0.17	0.05	3.73		
O6-4B	31-Oct-00	1153	0.10	0.11	0.29	4.35		
O6-4B	6-Mar-01	1140	0.15	0.05	0.10	2.27		
O6-4B	7-May-01	1241	0.11	0.05	0.35	5.77		
O6-4B	14-Aug-01	1044	0.12	0.13	0.31	3.64		
O6-4B	30-Oct-01	1056	0.13	0.13	0.06	2.15		
O6-4B	6-Mar-02	1102	0.16	0.48	0.05	11.8		
O6-4B	15-Apr-02	1117	0.11	0.23	0.04	4.04		
O6-4B	10-Jul-02	1106	0.07	0.48	0.21	5.43		
O6-4B	8-Oct-02	1102	0.10	0.31	0.06	3.43		
O6-4B	12-Mar-03	959	0.11	<0.03	<0.03	1.71		
O6-4B	23-Apr-03	1110	0.12	0.41	<0.03	5.61		
O6-4B	21-Aug-03	1034	0.08	0.01	<0.10	3.04		
O6-4B	3-Nov-03	1016	0.10	<0.01	0.17	2.40		
O6-4B	18-Mar-04	1033	0.15	0.52	0.38	6.75		
O6-4B	24-May-04	1041	0.14	0.19	0.23	3.81		
O6-4B	22-Sep-04	1123	0.07	<0.01	0.25	1.52		
O6-4B	29-Nov-04	1031	0.06	0.04	0.11	1.29		
O6-4B	24-Jan-05	1108	0.05	<0.01	0.16	1.48		
O6-4B	13-Apr-05	1112	0.13	0.23	0.16	7.13		

O6-4B	21-Jul-05	1049	0.05	0.12	0.35	3.27
O6-4B	13-Oct-05	1021	0.04	<0.01	0.20	4.08
O6-4B	15-Mar-06	945	0.10	0.40	0.36	8.16
O6-4B	17-May-06	1030	0.10	<0.07	0.05	1.56
O6-4B	16-Aug-06	1032	0.11	0.34	0.37	1.71
O6-4B	20-Nov-06	1030	0.12	0.16	0.46	2.42
O6-4B	14-Feb-07	1130	0.20	0.22	0.38	1.35
O6-4B	16-Apr-07	1112	0.12	<0.07	0.34	2.90

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
		0.06	34.440	26.9						
		0.08	34.840	25.8						
		0.08	34.249	24.9						
		0.11	34.572	25.5						
		0.08	34.595	27.6						
		0.10	34.670	26.0						
		0.08	34.170	25.1						
		0.08	34.480	26.1						
		0.13	34.430	27.0						
		0.09	34.286	26.8						
		0.05	34.201	25.4						
		0.09	34.270	27.5						
		0.11	34.375	28.0						
		0.12	34.652	28.2						
		0.09	34.745	25.6						
		0.12	34.407	26.4						
		0.12	34.627	27.1						
		0.14	34.755	27.5						
		0.10	35.054	24.6						
		0.08	35.083	24.2						
		0.14	34.981	26.2						
		0.09	35.133	27.1						
		0.09	35.140	25.1						
		0.11	34.678	24.2						
		0.09	34.988	25.5						
		0.09	34.963	26.2						
		0.09	35.090	24.8						
		0.06	34.845	24.4						
		0.15	34.846	26.6						
		0.10	34.884	27.0						
		0.13	34.748	24.8						
		0.21	34.852	24.7						
		0.18	34.813	26.7						
		0.10	35.002	26.7						
		0.07	34.643	24.2						
		0.07	34.562	25.3						
		0.07	34.614	26.3						
		0.14	34.897	27.0						
		0.24	34.762	25.0						
		0.07	34.916	25.0						
		0.05	34.821	28.3						
		0.06	34.645	27.3						
		NO DATA	34.240	25.7						
		NO DATA	33.33	26.7						
		0.08	33.74	27.8						
		0.04	33.76	27.0						
		0.07	34.874	25.6						
		0.08	34.343	25.2						

0.12	34.693	27.4
0.18	34.853	27.3
0.08	34.721	24.3
0.13	34.673	24.9
0.13	34.575	26.7
0.10	34.741	26.7
0.23	34.475	24.8
0.21	34.620	26.4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)
O6-5B	26-Jul-93	1119	0.12	0.06	0.46	2.75		
O6-5B	6-Dec-93	907	0.06	0.19	0.06	2.05		
O6-5B	7-Mar-94	840	0.20	0.16	0.21	2.47		
O6-5B	15-Jun-94	853	0.25	0.05	0.22	2.09		
O6-5B	9-Sep-94	842	0.07	0.12	0.10	3.72		
O6-5B	14-Nov-94	755	0.13	0.13	0.59	2.54		
O6-5B	22-Mar-95	814	0.17	0.18	0.34	2.64		
O6-5B	20-Jun-95	815	0.11	0.04	0.07	1.48		
O6-5B	26-Sep-95	1002	0.12	0.16	0.49	5.03		
O6-5B	14-Nov-95	1054	0.12	0.25	0.55	3.63		
O6-5B	12-Mar-96	1115	0.14	0.03	0.52	1.21		
O6-5B	14-May-96	1113	0.10	0.20	0.15	4.21		
O6-5B	31-Jul-96	1143	0.08	0.31	0.46	5.90		
O6-5B	2-Oct-96	1115	0.06	0.03	0.40	2.50		
O6-5B	7-Jan-97	1120	0.07	0.01	0.20	1.88		
O6-5B	28-Apr-97	1136	0.11	0.10	0.49	3.05		
O6-5B	19-Aug-97	1117	0.07	0.09	0.23	7.63		
O6-5B	7-Oct-97	1016	0.11	0.08	0.43	2.62		
O6-5B	4-Mar-98	1149	0.06	0.01	0.21	2.01		
O6-5B	5-May-98	1141	0.09	0.12	0.22	3.56		
O6-5B	7-Jul-98	1154	0.12	0.20	0.08	18.6		
O6-5B	6-Oct-98	1106	0.07	0.01	0.02	2.63		
O6-5B	19-Jan-99	1143	0.08	0.07	0.13	2.10		
O6-5B	12-Apr-99	1145	0.13	0.06	0.14	2.53		
O6-5B	6-Jul-99	1213	0.09	0.14	0.08	3.90		
O6-5B	4-Oct-99	1234	0.10	0.18	0.09	2.45		
O6-5B	12-Jan-00	1140	0.11	0.26	0.36	7.86		
O6-5B	11-Apr-00	1042	0.09	0.01	0.08	2.59		
O6-5B	25-Jul-00	1204	0.09	0.17	0.05	3.49		
O6-5B	31-Oct-00	1148	0.10	0.07	0.30	4.58		
O6-5B	6-Mar-01	1134	0.14	0.05	0.10	2.40		
O6-5B	7-May-01	1236	0.13	0.06	0.31	2.70		
O6-5B	14-Aug-01	1038	0.11	0.04	0.30	2.26		
O6-5B	30-Oct-01	1050	0.13	0.11	0.05	6.39		
O6-5B	6-Mar-02	1057	0.16	0.34	0.05	12.0		
O6-5B	15-Apr-02	1111	0.11	0.19	0.04	3.65		
O6-5B	10-Jul-02	1101	0.06	0.32	0.14	4.31		
O6-5B	8-Oct-02	1056	0.10	0.39	0.08	3.36		
O6-5B	12-Mar-03	953	0.10	<0.03	0.03	4.61		
O6-5B	23-Apr-03	1105	0.13	0.08	<0.03	5.84		
O6-5B	21-Aug-03	1026	0.08	0.01	<0.10	2.07		
O6-5B	3-Nov-03	1010	0.10	<0.01	0.17	2.48		
O6-5B	18-Mar-04	1027	0.12	0.13	0.37	3.21		
O6-5B	24-May-04	1043	0.14	0.11	0.21	3.49		
O6-5B	22-Sep-04	1119	0.07	<0.01	0.29	2.50		
O6-5B	29-Nov-04	1026	0.06	0.01	0.13	1.06		
O6-5B	24-Jan-05	1102	0.05	<0.01	0.13	1.49		
O6-5B	13-Apr-05	1108	0.14	0.11	0.18	3.53		

O6-5B	21-Jul-05	1041	0.04	<0.01	0.35	5.19
O6-5B	13-Oct-05	1015	0.04	<0.01	0.18	3.17
O6-5B	15-Mar-06	939	0.07	<0.07	0.40	2.49
O6-5B	17-May-06	1023	0.09	<0.07	0.31	1.56
O6-5B	16-Aug-06	1028	0.12	0.35	0.35	1.76
O6-5B	20-Nov-06	1023	0.12	0.20	0.53	2.55
O6-5B	14-Feb-07	1122	0.16	0.24	0.55	1.03
O6-5B	16-Apr-07	1105	0.11	<0.07	0.38	2.23

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
		0.07	34.447	26.9						
		0.07	34.853	25.7						
		0.07	34.260	25.0						
		0.11	34.577	25.5						
		0.07	34.575	27.6						
		0.09	34.667	26.0						
		0.09	34.166	25.1						
		0.06	34.480	26.1						
		0.16	34.472	27.1						
		0.10	34.300	26.8						
		0.07	34.216	25.4						
		0.07	34.291	27.3						
		0.10	34.373	28.0						
		0.12	34.649	28.2						
		0.09	34.753	25.6						
		0.11	34.426	26.5						
		0.10	34.610	27.1						
		0.08	34.745	27.5						
		0.08	35.061	24.7						
		0.15	35.077	24.2						
		0.15	34.960	26.2						
		0.10	35.140	27.2						
		0.08	35.161	25.1						
		0.13	34.687	24.2						
		0.14	34.947	25.6						
		0.24	34.966	26.2						
		0.15	35.055	24.8						
		0.07	34.846	24.5						
		0.07	34.852	26.6						
		0.07	34.905	27.0						
		0.08	34.764	24.8						
		0.11	34.873	24.7						
		0.13	34.865	26.6						
		0.11	35.004	26.7						
		0.11	34.647	24.2						
		0.08	33.928	25.4						
		0.08	34.650	26.3						
		0.13	34.911	27.1						
		0.13	34.765	25.0						
		0.09	34.979	25.0						
		0.05	34.855	28.2						
		0.08	34.643	27.3						
		NO DATA	34.394	25.5						
		NO DATA	33.38	26.6						
		0.05	33.68	27.7						
		0.05	33.77	27.0						
		0.06	34.854	25.6						
		0.08	34.395	25.5						

0.10	34.802	27.4
0.16	34.888	27.5
0.07	34.858	24.4
0.07	34.672	24.9
0.18	34.517	26.5
0.09	34.784	26.7
0.15	34.426	24.9
0.14	34.654	25.5

