

NELHA Water Quality Laboratory

Transect 4

July 2025 - June 2026

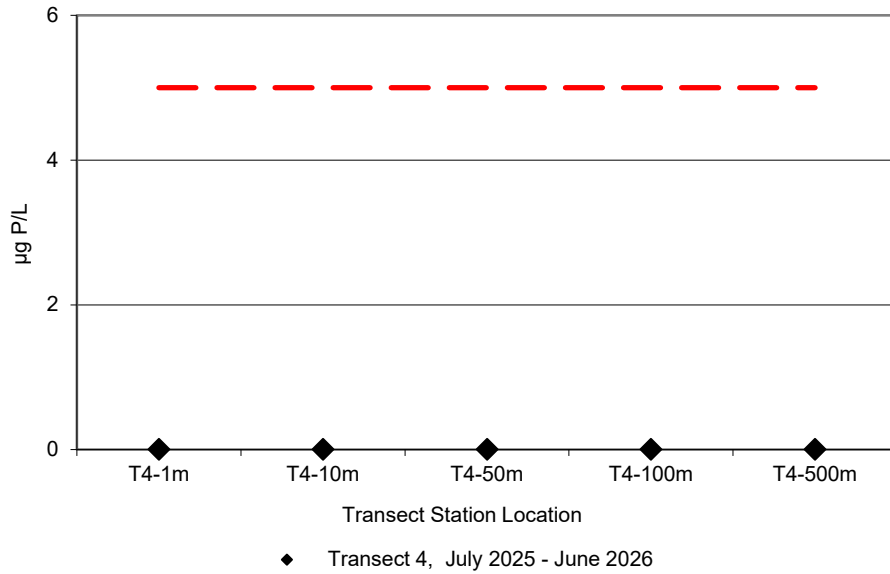
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T4-1m	9/5/25	1053	1.5	Flood	0.06	1.9	0.69	9.6	0.23	3.2	0.8	24	0.23	7.0	6.7	94	0.25	34.93	27.0	8.08	7.04	0.16	245.7
T4-1m	12/11/25	941	1.7	High	0.00	0.0	0.00	0.0	0.06	0.9	0.9	26	0.17	5.2	3.7	52	0.13	35.18	25.9	8.00	6.66	0.27	239.7
T4-1m	2/1/26				0.00		0.00		0.00		0.0		0.00		0.0								
T4-1m	5/1/26				0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	1.7			#NUM!	6.0	#NUM!	70	0.18					0.21	
T4-10m	9/5/25	1058	1.5	Flood	0.02	0.6	0.20	2.8	0.22	3.1	-1.0	-28	0.21	6.4	5.9	83	0.14	35.03	27.2	8.08	6.80	0.15	246.7
T4-10m	12/11/25	944	1.7	High	0.00	0.0	0.00	0.0	0.11	1.5	0.9	26	0.15	4.63	2.6	36	0.15	35.18	25.9	8.01	6.70	0.21	242.1
T4-10m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T4-10m	5/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	2.2			#NUM!	5.4	#NUM!	55	0.14					0.18	
T4-50m	9/5/25	1102	1.5	Flood	0.01	0.2	0.10	1.4	0.02	0.3	-1.6	-45	0.20	6.1	5.7	79	0.12	35.05	27.2	8.08	6.67	0.13	250.1
T4-50m	12/11/25	949	1.7	High	0.00	0.0	0.00	0.0	0.04	0.6	0.8	23	0.19	5.99	3.3	47	0.14	35.18	25.9	8.02	6.68	0.20	244.5
T4-50m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T4-50m	5/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	0.4			#NUM!	6.0	#NUM!	61	0.13					0.16	
T4-100m	9/5/25	1107	1.5	Flood	0.00	0.0	0.12	1.7	0.05	0.7	-1.6	-45	0.18	5.7	6.0	84	0.08	35.05	27.1	8.08	6.67	0.12	249.8
T4-100m	12/11/25	952	1.7	High	0.00	0.0	0.00	0.0	0.08	1.1	0.7	19	0.17	5.31	0.5	7	0.10	35.18	25.9	8.03	6.67	0.17	246.3
T4-100m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T4-100m	5/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!				#NUM!	5.5	#NUM!	25	0.09					0.14	
T4-500m	9/5/25	1116	1.5	Flood	-0.01	-0.4	0.08	1.1	0.03	0.4	-1.3	-38	0.18	5.6	5.3	74	0.11	35.04	26.9	8.08	6.69	0.21	245.8
T4-500m	12/11/25	1001	1.7	High	0.00	0.0	0.00	0.0	0.05	0.7	0.3	9	0.17	5.29	3.0	42	0.14	35.19	25.9	8.04	6.66	0.21	235.1
T4-500m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T4-500m	5/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	0.5			#NUM!	5.4	#NUM!	56	0.13					0.21	

NELHA Water Quality Laboratory

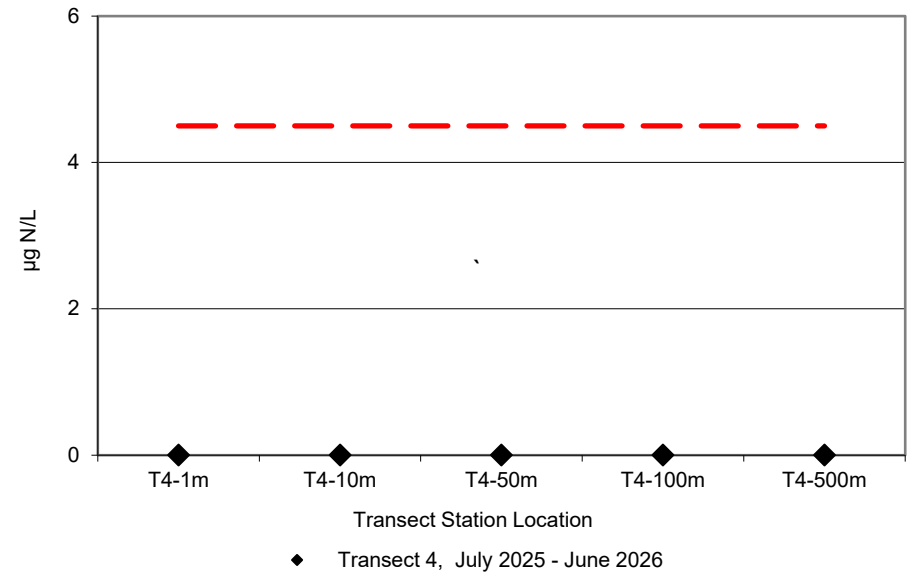
Transect 4

July 2025 - June 2026

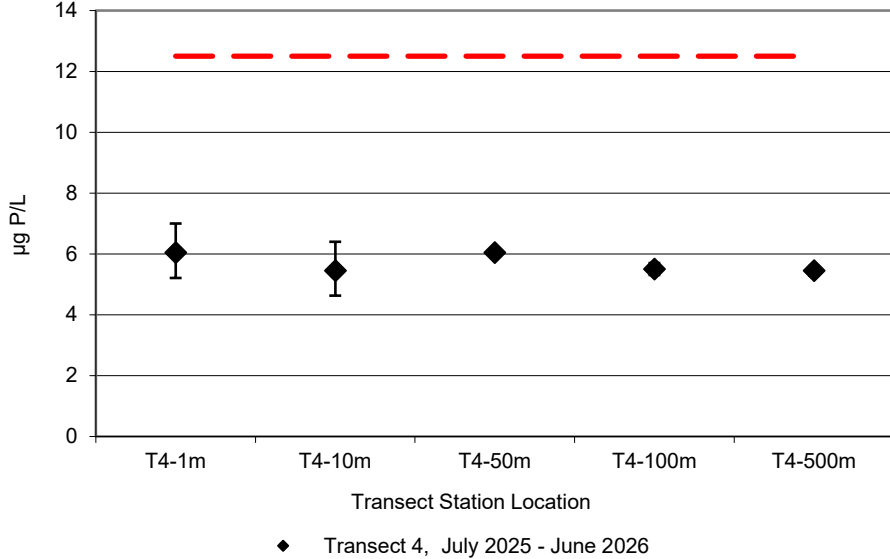
**Ortho-Phosphate
Geometric Mean**



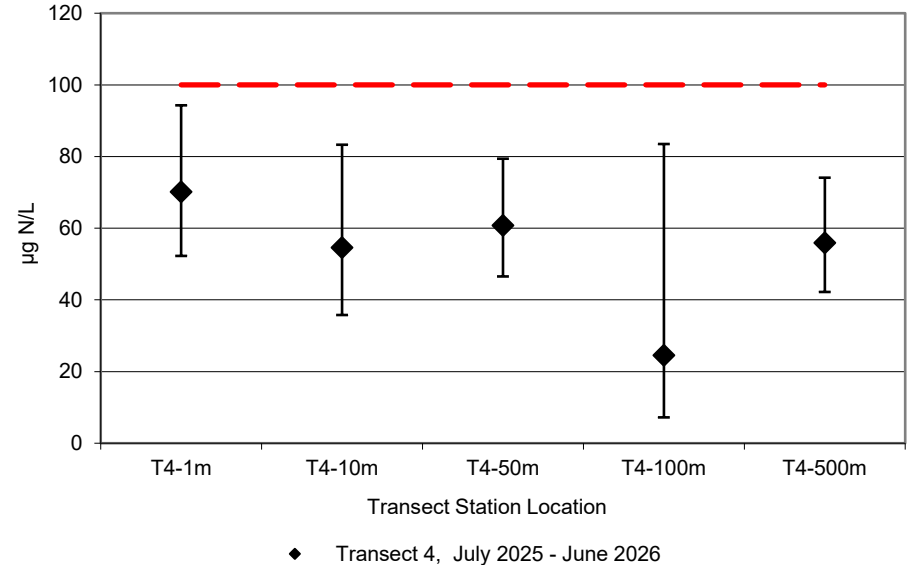
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



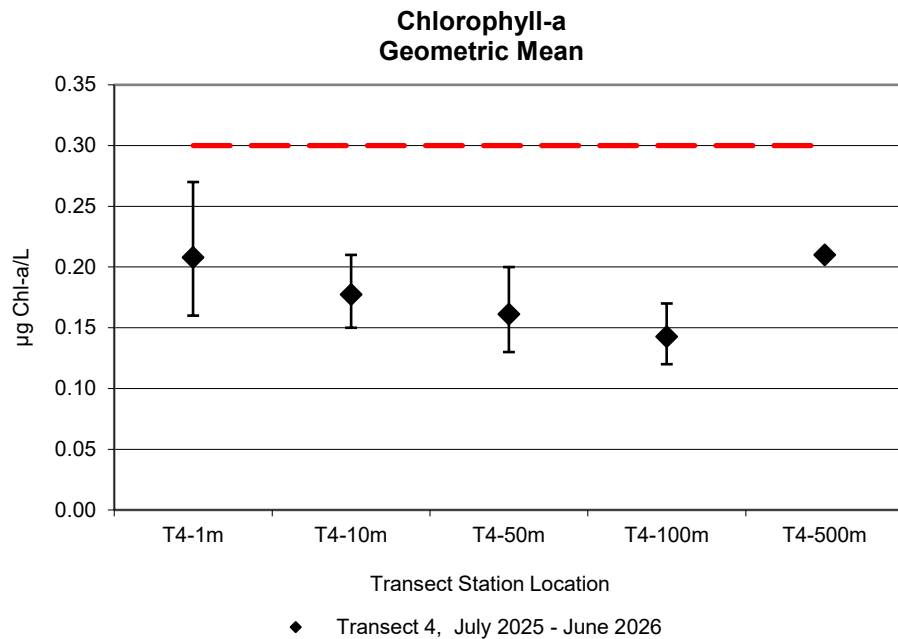
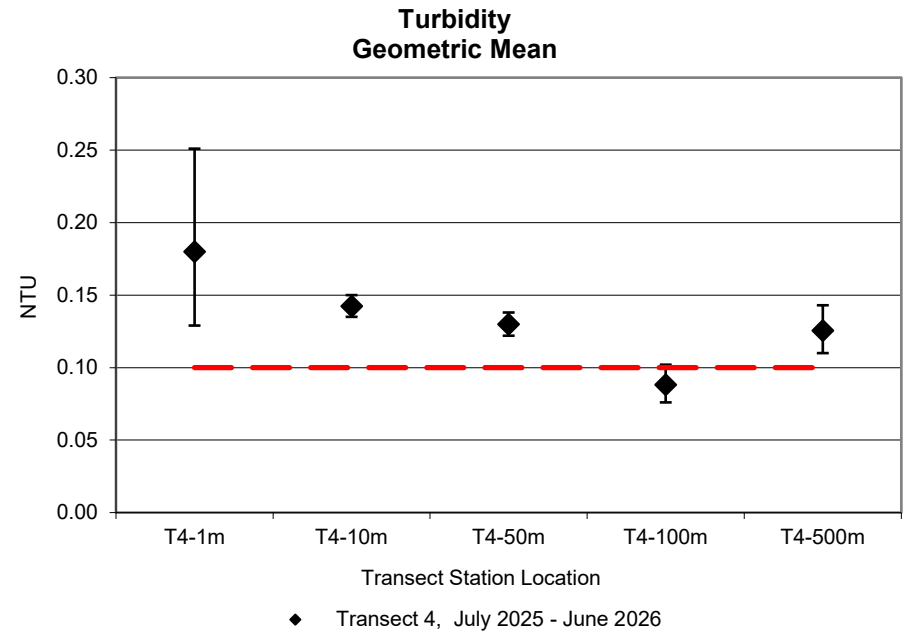
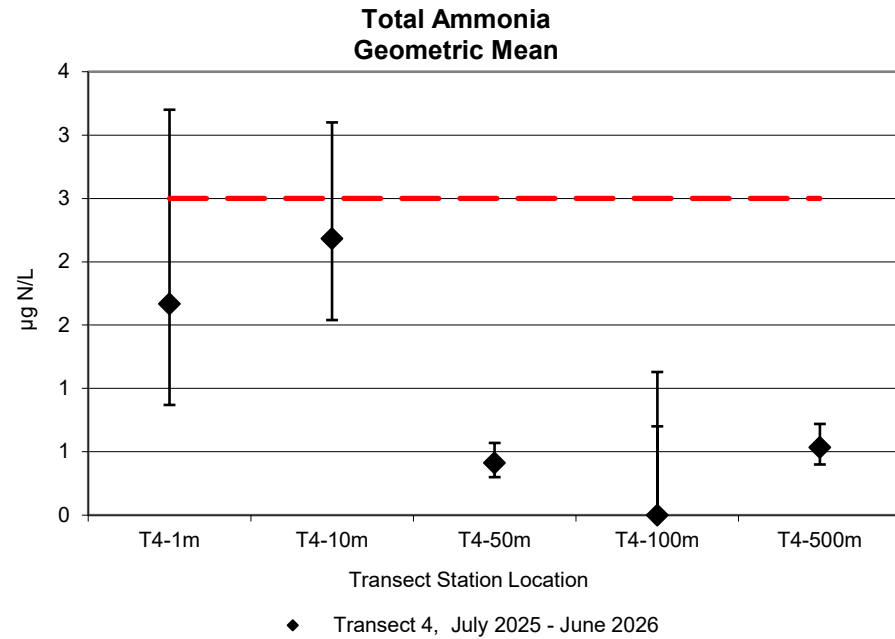
**Total Dissolved Nitrogen
Geometric Mean**



NELHA Water Quality Laboratory

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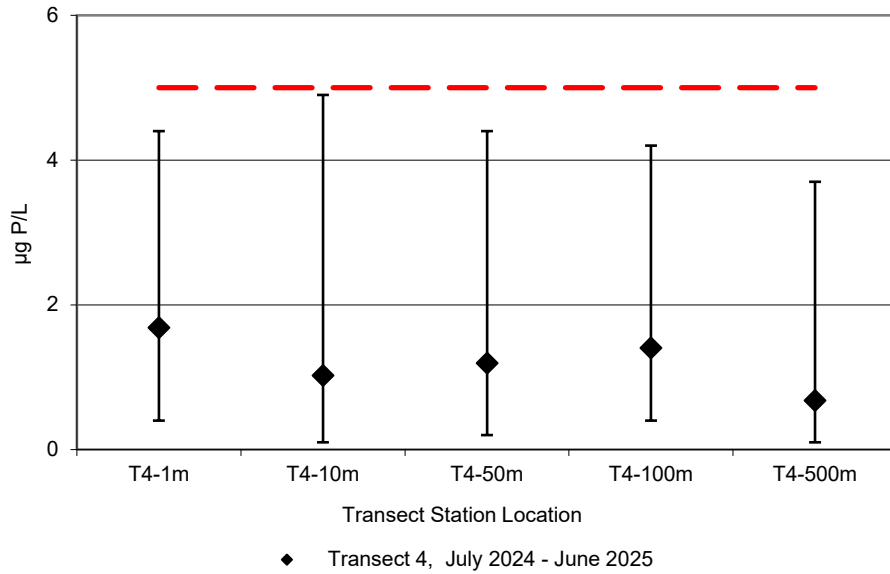
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T4-1m	8/8/24	933	0.6	Ebb	0.12	3.8	0.34	4.7	0.04	0.5	1.4	38	0.25	7.7	5.1	71	0.13	34.75	27.3	8.08	6.83	0.23	219.3
T4-1m	12/18/24	1120	0.7	Ebb	0.14	4.4	0.25	3.5	0.26	3.7	1.0	29	0.28	8.7	5.6	78	0.09	34.86	25.8	8.15	6.97	0.14	262.5
T4-1m	3/6/25	922	0.3	Ebb	0.04	1.2	0.86	12.0	0.01	0.1	2.0	57	0.18	5.5	6.6	92	0.10	34.96	25.6	8.10	7.01	0.22	252.9
T4-1m	6/19/25	1248	1.4	High	0.01	0.4	0.09	1.2	0.09	1.2	0.0	1	0.17	5.3	5.9	82	0.11	34.89	27.0	8.16	6.92	0.22	213.5
Geomear FY '25					0.05	1.7	0.28	3.9	0.0	0.7			0.2	6.6	5.8	81	0.11					0.20	
T4-10m	8/8/24	938	0.6	Ebb	0.10	3.2	0.24	3.3	0.06	0.8	1.2	35	0.24	7.5	4.9	68	0.10	34.75	27.3	8.10	6.87	0.22	220.5
T4-10m	12/18/24	1124	0.7	Ebb	0.16	4.9	0.24	3.3	0.25	3.5	1.0	27	0.27	8.5	5.3	74	0.08	34.84	25.8	8.15	6.95	0.11	263.7
T4-10m	3/6/25	926	0.3	Ebb	0.00	0.1	0.16	2.3	0.10	1.4	0.0	1	0.17	5.4	5.5	77	0.08	35.02	25.7	8.10	6.89	0.18	253.6
T4-10m	6/19/25	1253	1.4	High	0.02	0.7	0.05	0.7	0.09	1.2	0.1	2	0.17	5.4	6.0	84	0.09	34.89	27.0	8.16	6.88	0.21	212.6
Geomear FY '25					0.03	1.0	0.15	2.0	0.1	1.5			0.2	6.6	5.4	76	0.08					0.17	
T4-50m	8/8/24	943	0.6	Ebb	0.11	3.3	0.04	0.5	0.04	0.6	1.1	32	0.24	7.4	5.2	73	0.10	34.76	27.2	8.09	6.67	0.20	221.8
T4-50m	12/18/24	1129	0.7	Ebb	0.14	4.4	0.13	1.8	0.24	3.3	0.8	23	0.28	8.7	5.2	73	0.07	34.88	25.8	8.15	6.76	0.10	265.6
T4-50m	3/6/25	931	0.3	Ebb	0.01	0.2	0.06	0.9	0.04	0.6	-0.1	-4	0.15	4.8	5.1	71	0.08	35.01	25.6	8.10	6.83	0.17	255.7
T4-50m	6/19/25	1259	1.4	High	0.02	0.7	0.03	0.4	0.07	1.0	0.1	2	0.16	5.0	5.8	82	0.07	34.88	26.9	8.15	6.78	0.17	211.1
Geomear FY '25					0.04	1.2	0.05	0.8	0.1	1.0			0.2	6.3	5.3	75	0.08					0.16	
T4-100m	8/8/24	949	0.6	Ebb	0.11	3.3	0.01	0.1	0.04	0.5	1.1	31	0.23	7.1	4.6	65	0.09	34.76	27.5	8.09	6.66	0.20	217.1
T4-100m	12/18/24	1133	0.7	Ebb	0.14	4.2	0.29	4.1	0.23	3.2	1.3	36	0.27	8.3	5.2	73	0.08	34.87	25.9	8.15	6.88	0.11	265.6
T4-100m	3/6/25	937	0.3	Ebb	0.02	0.7	0.01	0.1	0.03	0.4	-0.3	-9	0.16	5.1	5.7	80	0.10	35.01	25.6	8.11	6.83	0.18	255.0
T4-100m	6/19/25	1304	1.4	High	0.01	0.4	0.03	0.4	0.13	1.8	0.1	2	0.14	4.4	5.9	83	0.08	34.88	26.9	8.15	6.79	0.19	210.3
Geomear FY '25					0.05	1.4	0.03	0.4	0.1	1.0			0.2	6.0	5.3	75	0.09					0.17	
T4-500m	8/8/24	957	0.6	Ebb	0.09	2.8	0.01	0.2	0.08	1.1	1.3	37	0.22	6.9	4.4	61	0.09	34.76	27.4	8.10	6.68	0.16	219.6
T4-500m	12/18/24	1142	0.7	Ebb	0.12	3.7	0.01	0.1	0.11	1.6	0.4	11	0.24	7.4	6.1	86	0.06	34.88	25.9	8.15	6.71	0.09	266.4
T4-500m	3/6/25	946	0.3	Ebb	0.01	0.2	0.04	0.5	0.01	0.2	-0.1	-3	0.16	5.0	5.4	76	0.07	35.01	25.9	8.11	6.82	0.18	247.6
T4-500m	6/19/25	1311	1.4	High	0.00	0.1	0.01	0.2	0.10	1.4	0.0	-1	0.14	4.3	5.4	76	0.08	34.88	27.0	8.15	6.75	0.19	206.6
Geomear FY '25					0.02	0.7	0.02	0.2	0.1	0.8			0.2	5.8	5.3	74	0.07					0.15	

NELHA Water Quality Laboratory

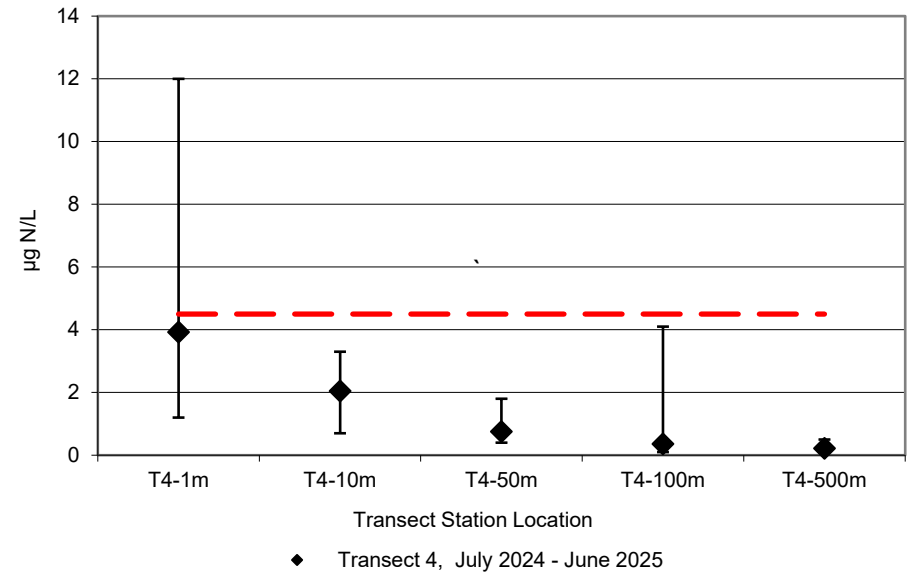
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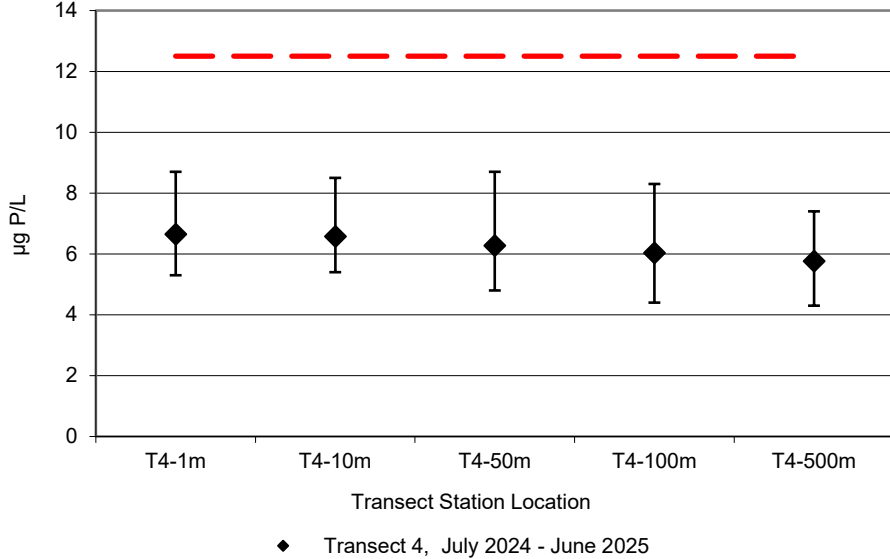
**Ortho-Phosphate
Geometric Mean**



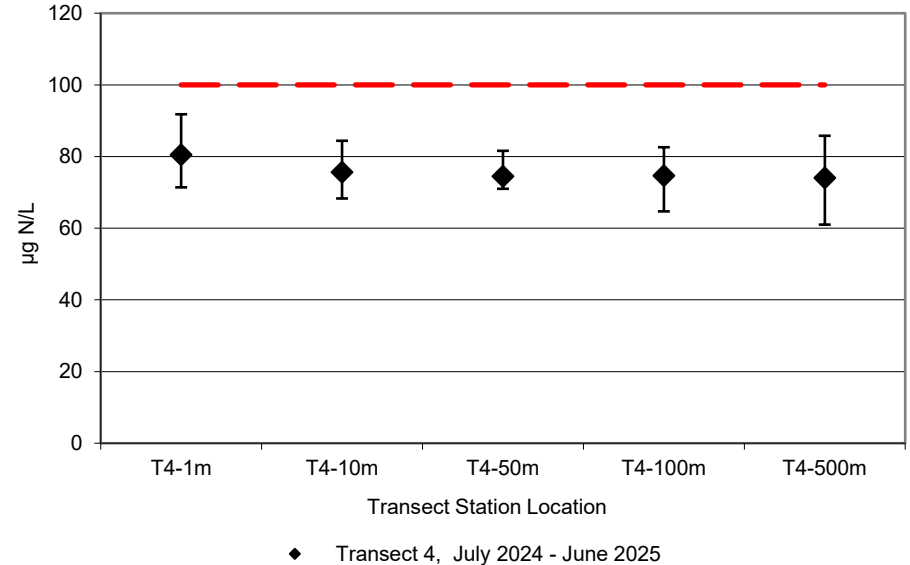
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



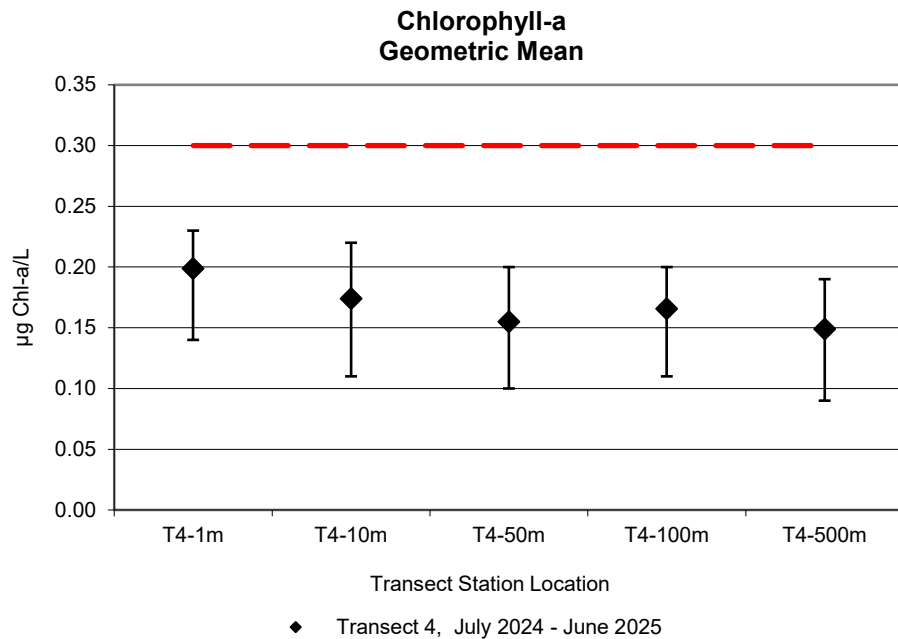
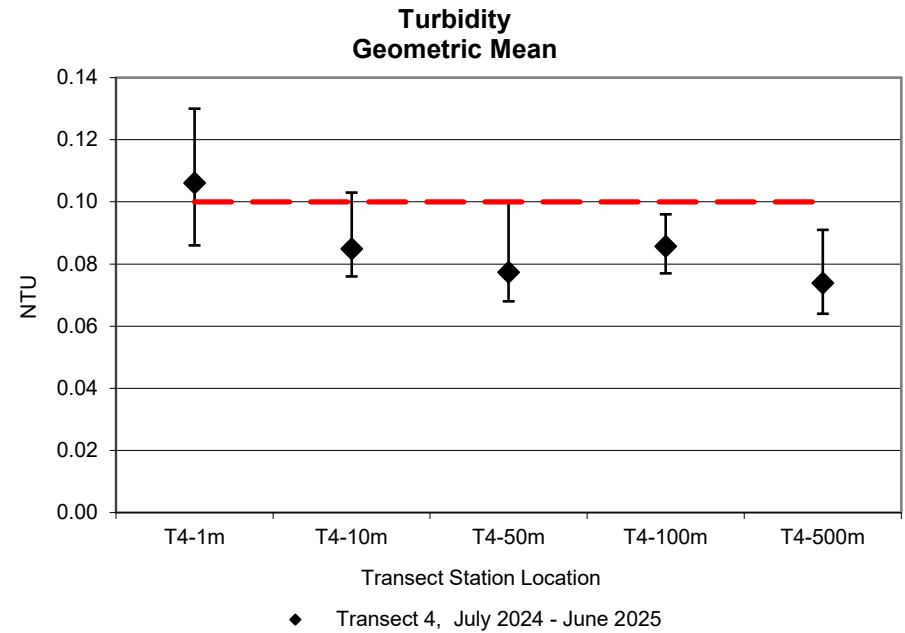
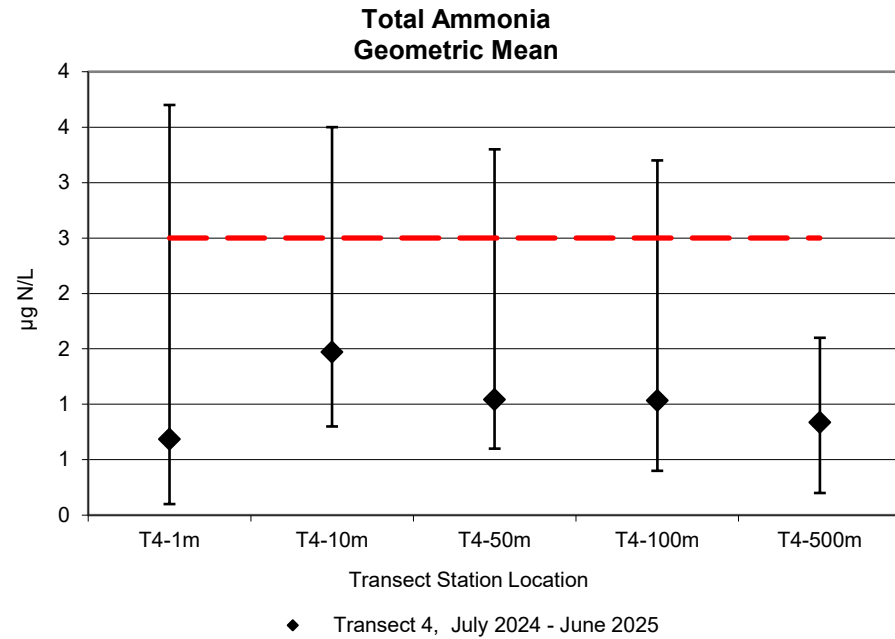
**Total Dissolved Nitrogen
Geometric Mean**



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Transect 4

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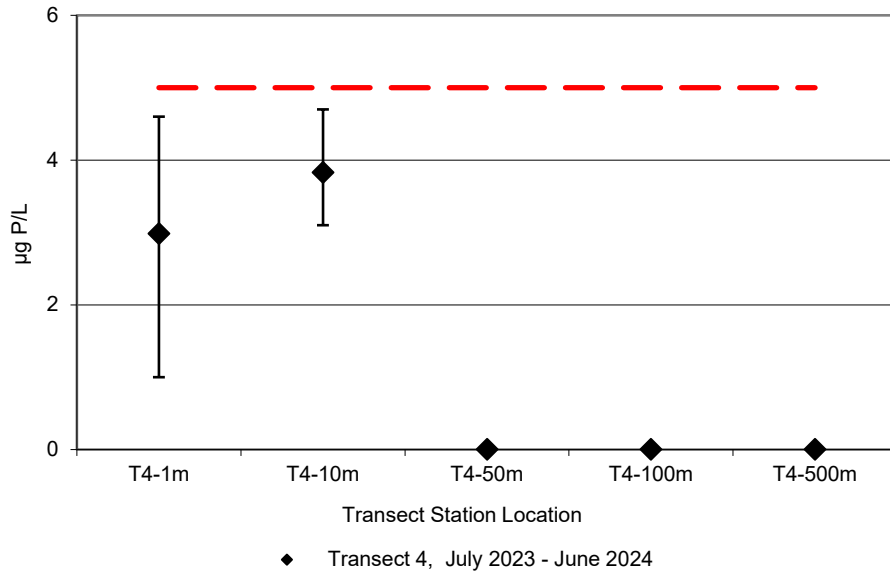
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T4-1m	9/14/23	859	0.1	Low	0.13	4.0	1.08	15.1	0.14	2.0	3.8	108	0.25	7.8	6.3	88	0.15	34.82	27.0	8.06	6.75	0.26	219.2
T4-1m	12/8/23	920	0.8	Flood	0.14	4.3	0.74	10.3	0.34	4.7	2.1	58	0.40	12.3	5.6	79	0.12	34.94	26.2	8.07	6.75	0.12	200.4
T4-1m	2/22/24	1008	0.2	Low	0.03	1.0	0.79	11.0	0.20	2.8	2.0	57	0.12	3.7	6.6	93	0.16	34.94	25.0	8.14	7.14	0.19	201.8
T4-1m	6/19/24	1003	0.9	Flood	0.15	4.6	0.29	4.0	0.28	3.9	1.8	51	0.30	9.4	5.2	73	0.14	34.86	26.5	8.02	7.03	0.14	233.6
Geomear FY '24					0.10	3.0	0.65	9.1	0.2	3.2			0.2	7.6	5.9	83	0.14					0.17	
T4-10m	9/14/23	904	0.1	Low	0.10	3.2	0.37	5.2	0.14	2.0	1.5	43	0.24	7.5	5.9	82	0.13	34.84	27.1	8.08	6.67	0.15	229.3
T4-10m	12/8/23	925	0.8	Flood	0.15	4.7	0.36	5.0	0.44	6.1	0.9	27	0.37	11.6	5.2	73	0.10	34.98	26.2	8.07	6.63	0.15	194.5
T4-10m	2/22/24	1016	0.2	Low	0.10	3.1	0.88	12.3	0.24	3.3	2.2	63	0.12	3.7	6.0	84	0.14	35.02	25.0	8.13	7.06	0.21	202.9
T4-10m	6/19/24	1009	0.9	Flood	0.15	4.6	0.24	3.4	0.28	3.9	1.3	35	0.29	9.1	5.0	70	0.12	34.90	26.4	8.02	6.91	0.11	238.7
Geomear FY '24					0.12	3.8	0.41	5.7	0.3	3.5			0.2	7.4	5.5	77	0.12					0.15	
T4-50m	9/14/23	912	0.1	Low	0.07	2.1	0.14	1.9	-0.04	-0.6	0.4	13	0.25	7.6	5.3	75	0.12	34.84	27.1	8.08	6.66	0.20	232.3
T4-50m	12/8/23	931	0.8	Flood	0.10	3.2	0.39	5.5	0.44	6.2	1.0	27	0.35	10.7	5.6	79	0.09	34.98	26.2	8.07	6.53	0.11	192.2
T4-50m	2/22/24	1021	0.2	Low	-0.01	-0.2	0.42	5.9	0.23	3.2	0.8	23	0.06	1.8	5.5	76	0.15	35.05	25.0	8.13	6.94	0.21	202.8
T4-50m	6/19/24	1015	0.9	Flood	0.19	5.8	0.14	1.9	0.10	1.4	1.1	30	0.28	8.7	5.0	70	0.12	34.89	26.3	8.02	6.76	0.11	243.7
Geomear FY '24					#NUM!	#NUM!	0.23	3.3	#NUM!	#NUM!			0.2	6.0	5.3	75	0.12					0.15	
T4-100m	9/14/23	920	0.1	Low	0.11	3.4	0.18	2.5	0.12	1.7	0.4	10	0.24	7.4	5.3	75	0.12	34.84	27.1	8.09	6.66	0.18	235.3
T4-100m	12/8/23	940	0.8	Flood	0.15	4.5	0.34	4.7	0.56	7.8	1.0	29	0.27	8.3	9.2	129	0.10	34.99	26.3	8.09	6.60	0.12	189.0
T4-100m	2/22/24	1027	0.2	Low	-0.02	-0.5	0.19	2.7	0.23	3.2	-0.3	-9	0.07	2.3	5.5	77	0.16	35.07	25.0	8.12	6.84	0.22	203.4
T4-100m	6/19/24	1021	0.9	Flood	0.15	4.8	0.18	2.5	0.26	3.7	1.4	40	0.29	9.1	5.0	69	0.12	34.89	26.3	8.02	6.77	0.11	242.2
Geomear FY '24					#NUM!	#NUM!	0.21	3.0	0.3	3.5			0.2	6.0	6.0	85	0.12					0.15	
T4-500m	9/14/23	928	0.1	Low	0.11	3.4	0.16	2.2	0.00	0.0	0.7	18	0.19	5.9	5.1	71	0.16	34.85	27.2	8.09	6.66	0.18	235.6
T4-500m	12/8/23	952	0.8	Flood	0.13	4.1	0.05	0.7	0.39	5.4	0.0	0	0.32	9.8	4.9	69	0.13	34.99	26.3	8.10	6.65	0.15	189.8
T4-500m	2/22/24	1035	0.2	Low	-0.08	-2.4	0.15	2.1	0.19	2.7	-0.9	-26	0.03	0.9	5.1	72	0.13	35.10	25.1	8.13	6.82	0.16	204.6
T4-500m	6/19/24	1030	0.9	Flood	0.14	4.2	0.09	1.2	0.34	4.8	1.2	35	0.29	9.0	4.6	65	0.13	34.88	26.6	8.02	6.76	0.11	244.3
Geomear FY '24					#NUM!	#NUM!	0.10	1.4	#NUM!	#NUM!			0.2	4.7	4.9	69	0.14					0.15	

NELHA Water Quality Laboratory

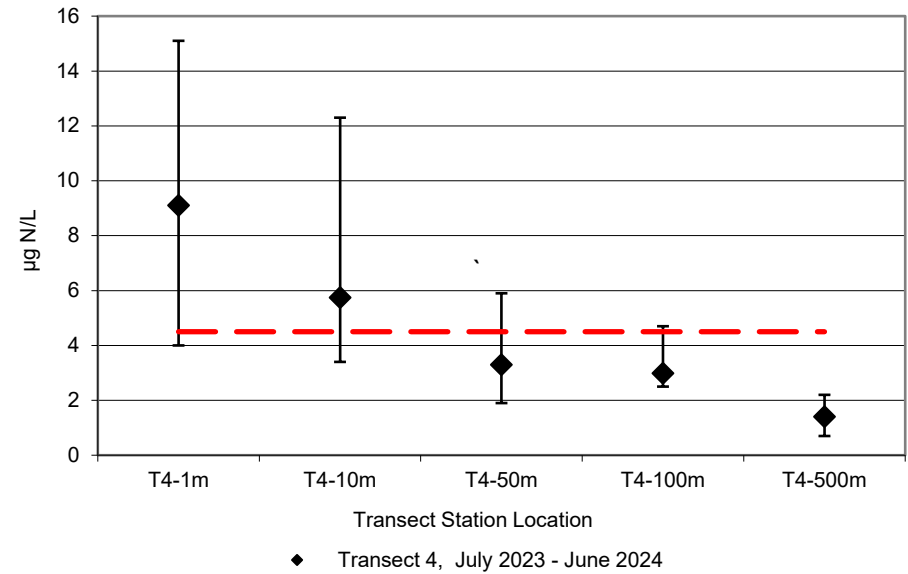
Transect 4

July 2023 - June 2024

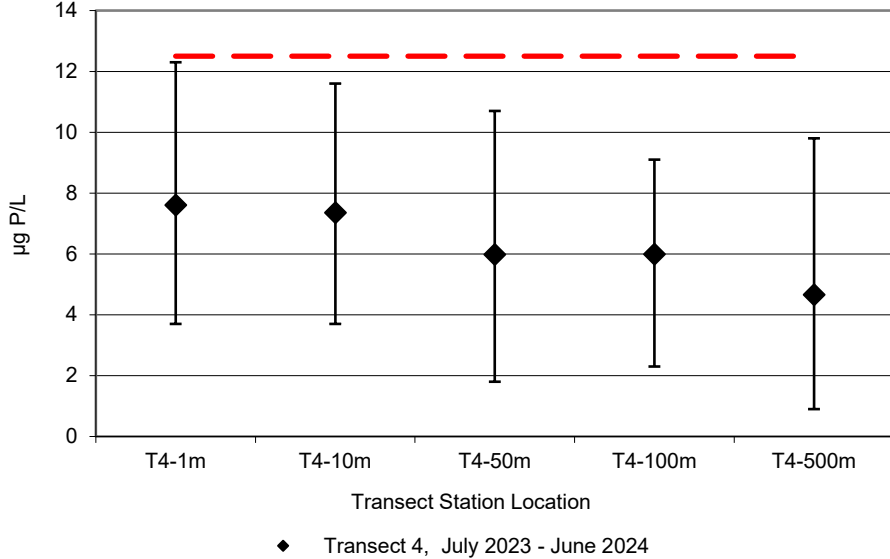
**Ortho-Phosphate
Geometric Mean**



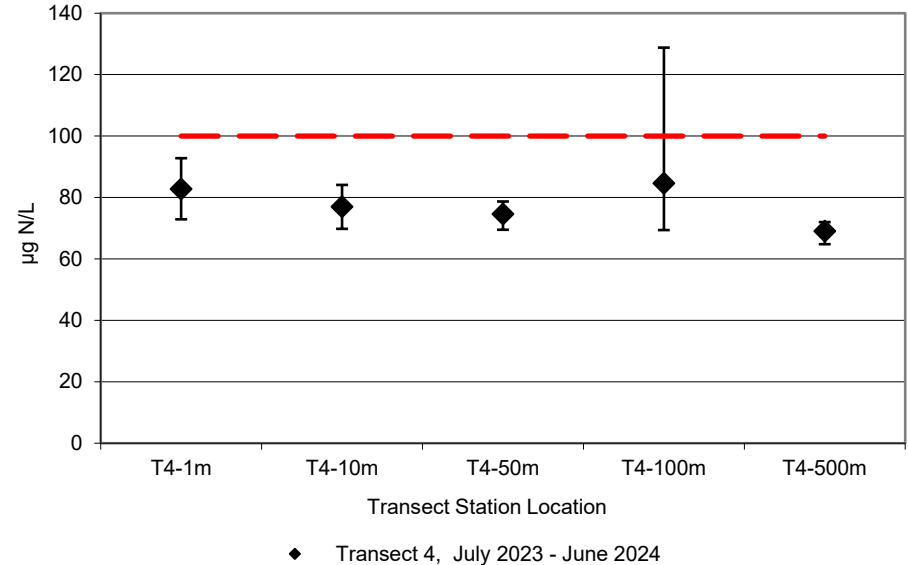
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



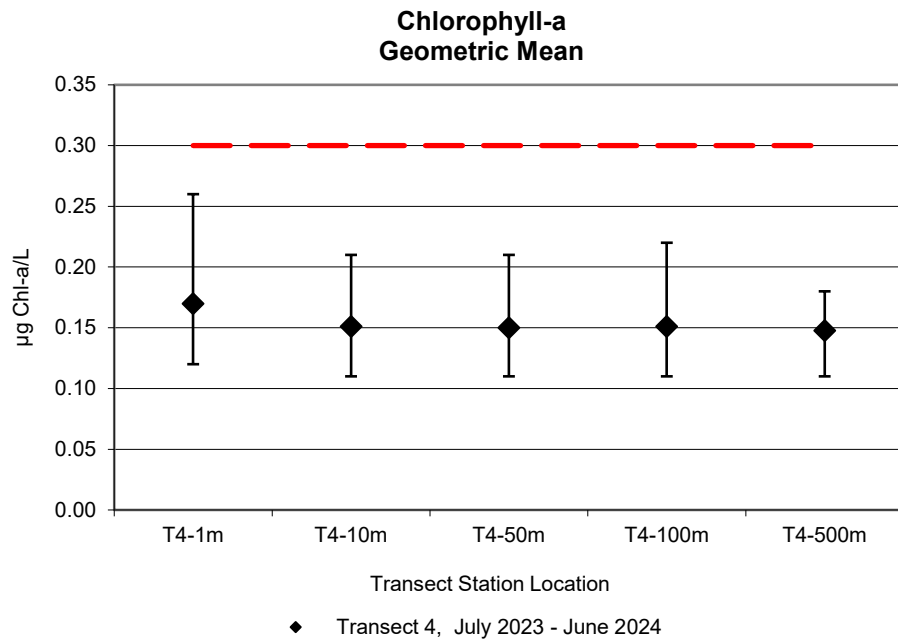
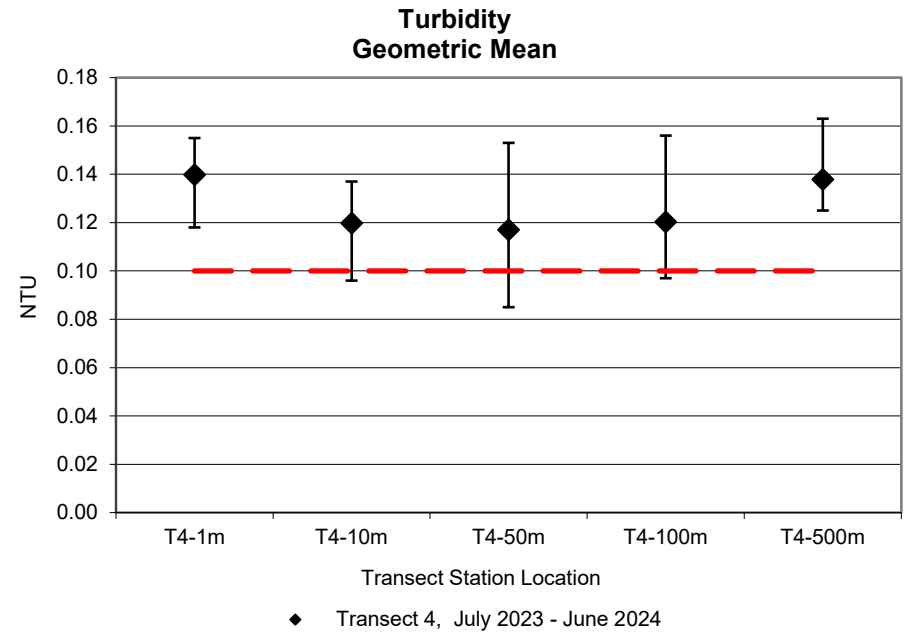
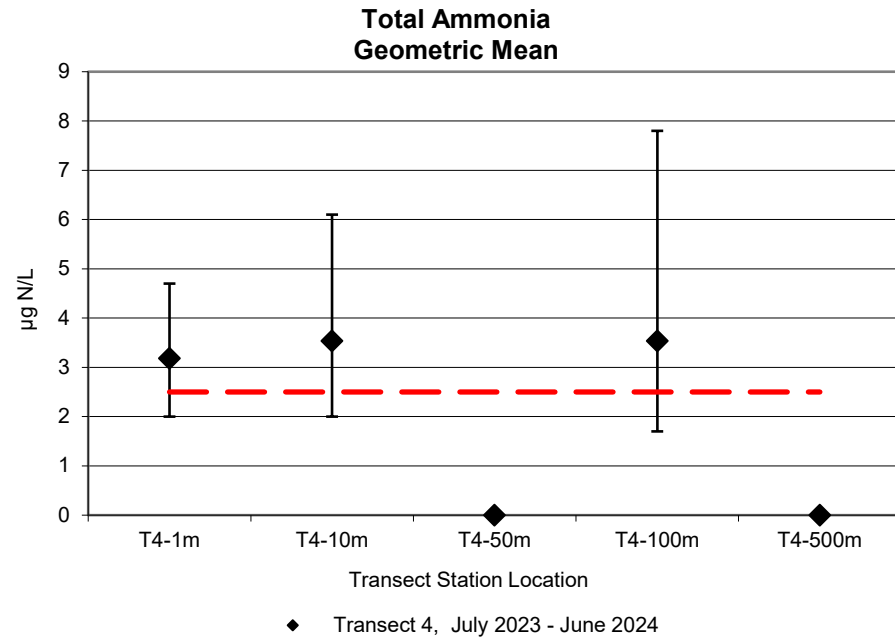
**Total Dissolved Nitrogen
Geometric Mean**



NELHA Water Quality Laboratory

Transect 4

July 2023 - June 2024



NELHA Water Quality Laboratory

Transect 4

July 2022 - June 2023

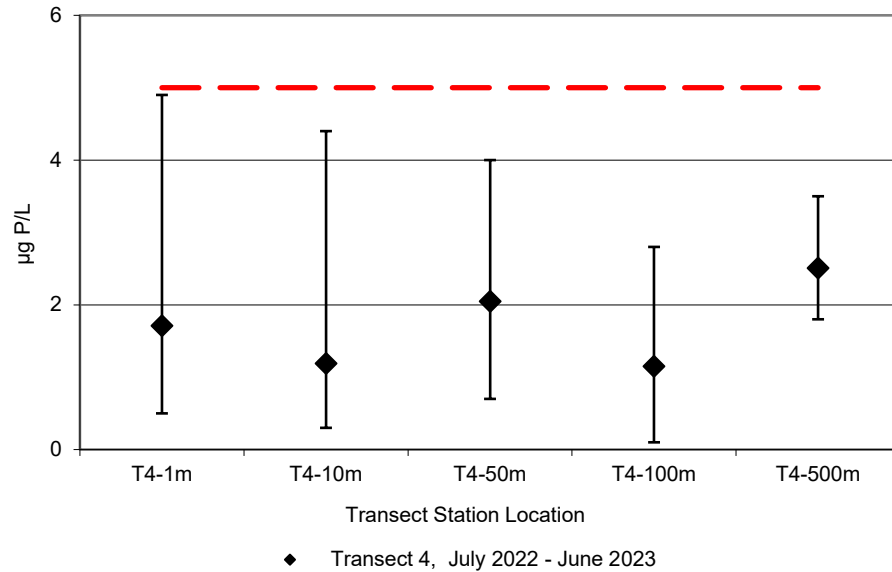
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	9/22/22	855	0.4	Flood	0.05	1.4	0.24	3.3	0.10	1.4	0.7	19	0.21	6.6	4.6	65	0.15	34.91	27.2	7.99	6.85	0.22
T4-1m	12/27/22	1055	0.4	Low	0.08	2.5	0.86	12.0	0.16	2.2	2.2	61	0.22	6.7	6.3	88	0.15	34.93	25.7	8.16	7.07	0.28
T4-1m	3/16/23	908	0.4	Low	0.16	4.9	0.84	11.7	0.19	2.7	3.9	111	0.27	8.3	6.0	84	0.12	34.58	24.7	8.05	7.13	0.29
T4-1m	6/1/23	905	0.0	Flood	0.02	0.5	0.23	3.2	0.20	2.8	0.8	24	0.20	6.1	4.9	69	0.09	34.75	25.7	8.00	6.88	0.21
Geomear FY '23					0.06	1.7	0.44	6.2	0.2	2.2			0.2	6.9	5.4	76	0.12					0.25
T4-10m	9/22/22	859	0.4	Flood	0.01	0.3	0.08	1.1	0.06	0.9	0.1	2	0.17	5.2	5.3	74	0.11	34.92	27.2	8.04	6.69	0.19
T4-10m	12/27/22	1059	0.4	Low	0.08	2.5	0.27	3.8	0.09	1.3	0.6	16	0.15	4.7	5.4	75	0.08	34.96	25.7	8.15	6.94	0.25
T4-10m	3/16/23	912	0.4	Low	0.14	4.4	0.56	7.9	0.18	2.5	3.0	85	0.23	7.2	5.4	76	0.13	34.61	24.7	8.06	7.04	0.29
T4-10m	6/1/23	910	0.0	Flood	0.02	0.6	0.22	3.1	0.10	1.4	0.7	19	0.20	6.2	5.1	71	0.07	34.75	25.7	8.04	6.84	0.20
Geomear FY '23					0.04	1.2	0.23	3.2	0.1	1.4			0.2	5.7	5.3	74	0.10					0.23
T4-50m	9/22/22	903	0.4	Flood	0.08	2.5	0.05	0.7	0.04	0.6	-0.2	-5	0.09	2.9	4.7	66	0.15	34.92	27.1	8.06	6.67	0.16
T4-50m	12/27/22	1103	0.4	Low	0.08	2.5	0.33	4.6	0.18	2.5	0.8	21	0.18	5.5	6.0	84	0.09	34.95	25.8	8.15	6.93	0.26
T4-50m	3/16/23	917	0.4	Low	0.13	4.0	0.29	4.1	0.10	1.4	2.3	66	0.22	6.8	5.2	72	0.11	34.67	24.8	8.06	6.90	0.27
T4-50m	6/1/23	915	0.0	Flood	0.02	0.7	0.09	1.2	0.12	1.7	0.1	2	0.20	6.2	4.6	64	0.11	34.75	25.7	8.06	6.85	0.13
Geomear FY '23					0.07	2.0	0.14	2.0	0.1	1.4			0.2	5.1	5.1	71	0.11					0.20
T4-100m	9/22/22	913	0.4	Flood	0.08	2.5	0.06	0.9	0.05	0.7	-0.1	-4	0.09	2.8	4.6	65	0.11	34.92	27.2	8.08	6.67	0.20
T4-100m	12/27/22	1108	0.4	Low	0.08	2.5	0.21	2.9	0.11	1.6	0.5	13	0.16	4.9	6.1	86	0.07	34.96	25.9	8.14	6.88	0.27
T4-100m	3/16/23	923	0.4	Low	0.09	2.8	0.14	2.0	0.19	2.6	1.8	49	0.22	6.9	5.1	71	0.10	34.68	24.8	8.06	6.92	0.26
T4-100m	6/1/23	920	0.0	Flood	0.00	0.1	0.09	1.3	0.03	0.4	0.1	3	0.21	6.6	4.8	67	0.13	34.76	25.7	8.06	6.69	0.14
Geomear FY '23					0.04	1.2	0.12	1.6	0.1	1.0			0.2	5.0	5.1	72	0.10					0.21
T4-500m	9/22/22	925	0.4	Flood	0.08	2.5	0.06	0.8	0.01	0.1	0.0	0	0.15	4.8	4.6	64	0.16	34.92	27.1	8.09	6.68	0.22
T4-500m	12/27/22	1113	0.4	Low	0.08	2.5	0.05	0.7	0.09	1.3	0.2	6	0.16	5	5.1	72	0.08	34.96	25.8	8.15	6.72	0.27
T4-500m	3/16/23	930	0.4	Low	0.11	3.5	0.17	2.4	0.12	1.7	2.8	79	0.22	6.9	4.7	66	0.12	34.62	25.0	8.06	6.91	0.32
T4-500m	6/1/23	929	0.0	Flood	0.06	1.8	0.56	7.8	0.17	2.4	2.9	82	0.25	7.6	4.9	69	0.13	34.64	25.9	8.06	6.63	0.20
Geomear FY '23					0.08	2.5	0.13	1.8	0.1	0.8			0.2	6.0	4.8	68	0.12					0.25

NELHA Water Quality Laboratory

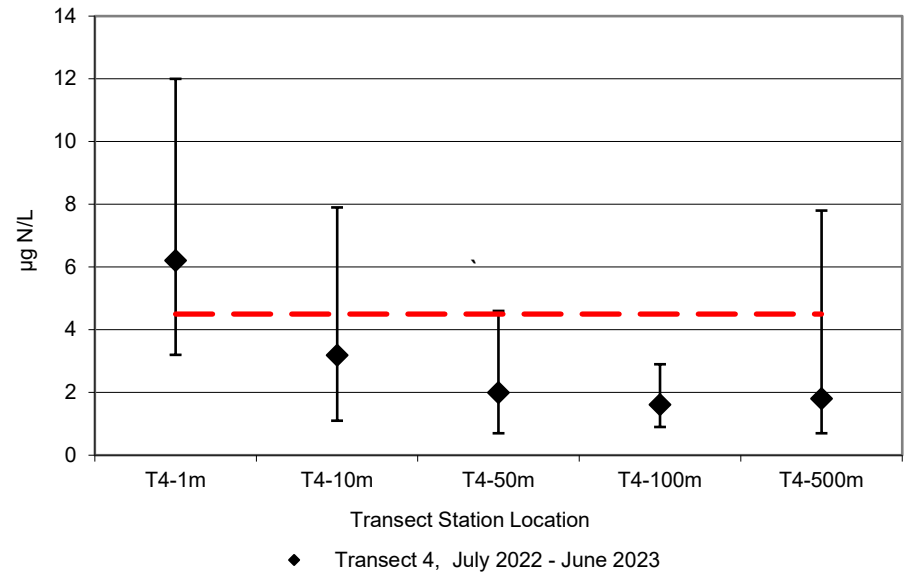
Transect 4

July 2022 - June 2023

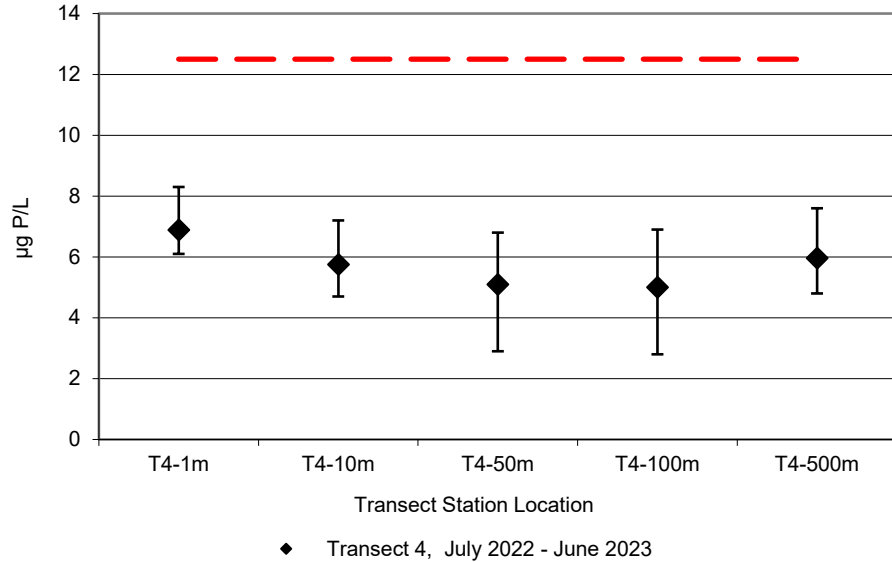
Ortho-Phosphate Geometric Mean



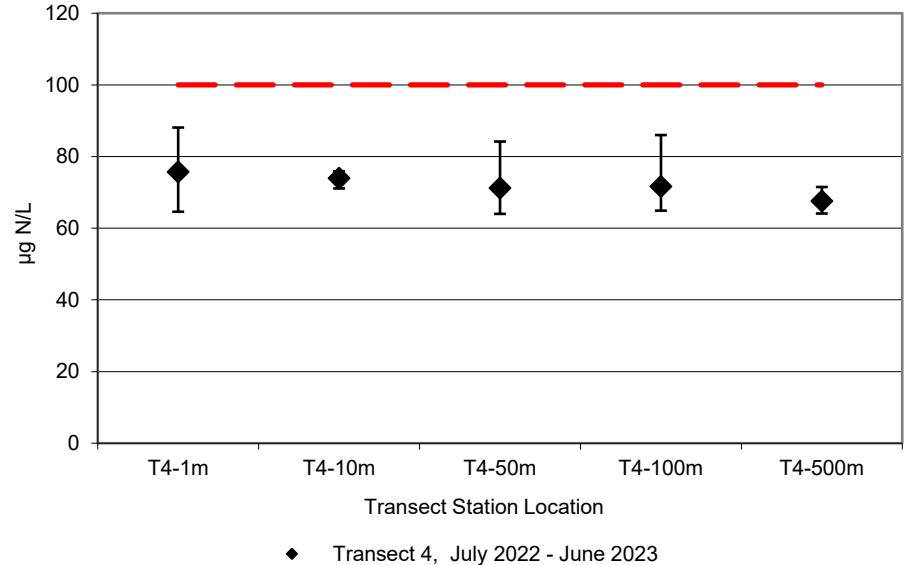
Nitrate + Nitrite Geometric Mean



Total Dissolved Phosphorous Geometric Mean



Total Dissolved Nitrogen Geometric Mean

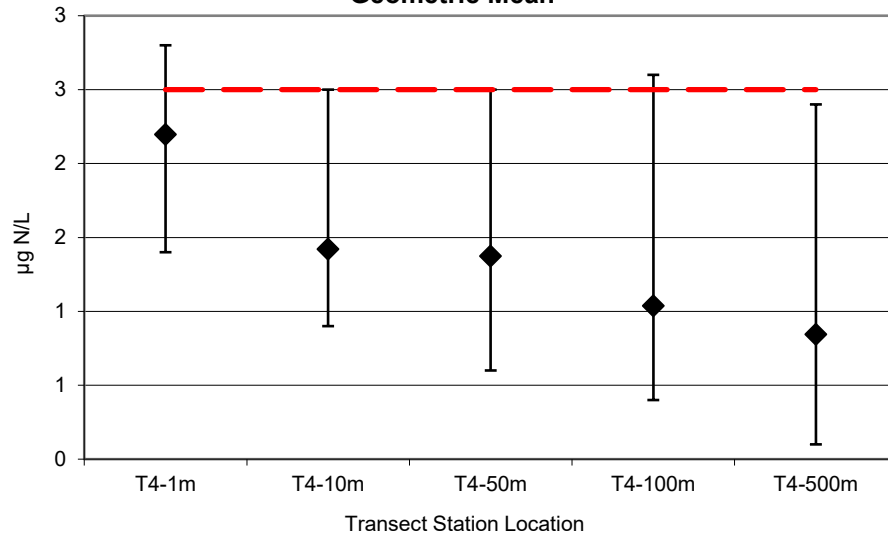


NELHA Water Quality Laboratory

Transect 4

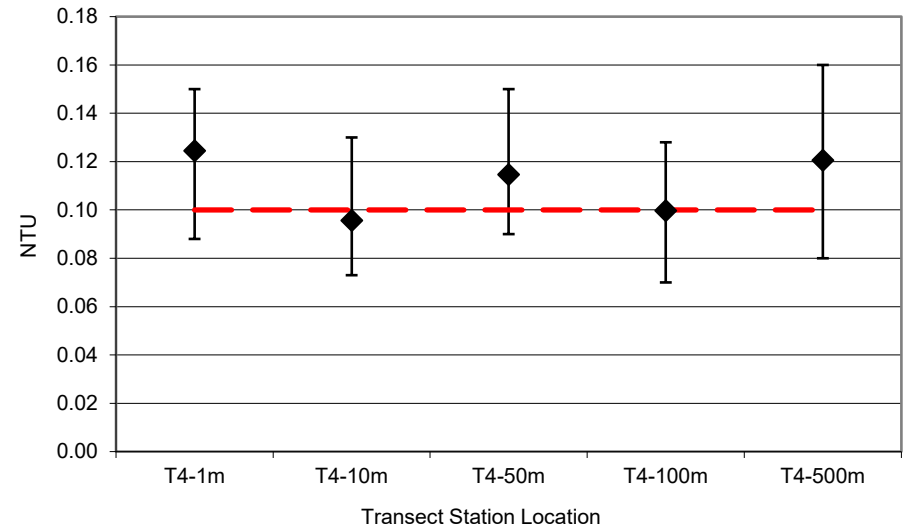
July 2022 - June 2023

**Total Ammonia
Geometric Mean**



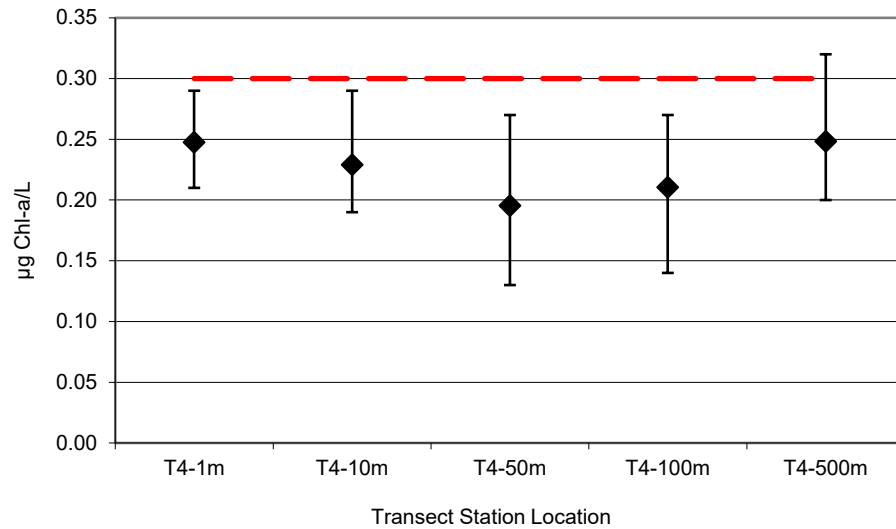
◆ Transect 4, July 2022 - June 2023

**Turbidity
Geometric Mean**



◆ Transect 4, July 2022 - June 2023

**Chlorophyll-a
Geometric Mean**



◆ Transect 4, July 2022 - June 2023

NELHA Water Quality Laboratory

Transect 4

July 2021 - June 2022

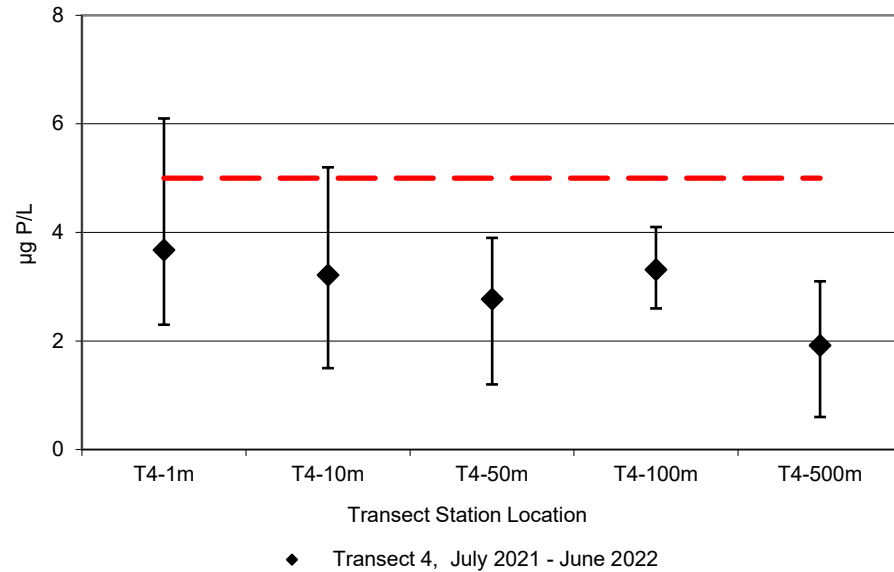
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	9/24/21	1003	0.6	Ebb	0.07	2.3	0.66	9.3	0.30	4.2	1.7	48	0.25	7.6	5.6	78	0.09	35.50	26.7	8.03	6.94	0.15
T4-1m	12/16/21	916	0.6	Low	0.20	6.1	1.08	15.1	0.28	3.9	3.3	93	0.28	8.7	6.1	85	0.08	34.98	25.8	8.08	6.81	0.19
T4-1m	3/16/22	956	0.2	Low	0.11	3.5	0.43	6.0	0.07	1.0	0.8	24	0.34	10.5	5.4	76	0.05	34.94	25.4	8.07	6.87	0.19
T4-1m	6/9/22	856	0.6	Flood	0.12	3.7	0.25	3.5	0.35	4.9	1.2	34	0.33	10.2	4.8	67	0.17	34.48	26.2	7.99	6.90	0.19
Geomear FY '22					0.12	3.7	0.53	7.4	0.2	3.0			0.3	9.2	5.4	76	0.09					0.18
T4-10m	9/24/21	1007	0.6	Ebb	0.05	1.5	0.40	5.6	0.27	3.8	1.0	27	0.22	6.9	5.2	72	0.10	35.52	26.7	8.02	6.90	0.15
T4-10m	12/16/21	920	0.6	Low	0.17	5.2	1.01	14.1	0.25	3.5	2.9	82	0.29	9	5.6	78	0.07	35.02	25.9	8.09	6.80	0.19
T4-10m	3/16/22	1002	0.2	Low	0.13	3.9	0.29	4.1	0.11	1.5	0.7	20	0.32	10.0	4.8	68	0.07	34.93	25.4	8.08	7.00	0.20
T4-10m	6/9/22	901	0.6	Flood	0.11	3.5	0.35	4.9	0.30	4.2	2.3	65	0.31	9.7	4.9	68	0.08	34.46	26.2	8.01	6.88	0.20
Geomear FY '22					0.10	3.2	0.45	6.3	0.2	3.0			0.3	8.8	5.1	71	0.08					0.18
T4-50m	9/24/21	1012	0.6	Ebb	0.04	1.2	0.18	2.5	0.15	2.1	0.2	5	0.21	6.6	5.0	70	0.05	35.55	26.7	8.01	6.61	0.17
T4-50m	12/16/21	924	0.6	Low	0.13	3.9	0.14	1.9	0.10	1.4	0.7	19	0.28	8.7	5.5	77	0.08	35.13	25.9	8.10	6.60	0.18
T4-50m	3/16/22	1007	0.2	Low	0.11	3.3	0.11	1.6	0.03	0.4	0.2	4	0.32	9.9	4.6	65	0.06	34.94	25.4	8.06	6.80	0.19
T4-50m	6/9/22	907	0.6	Flood	0.12	3.8	0.64	9.0	0.29	4.1	5.6	158	0.30	9.2	5.5	77	0.13	34.22	26.2	7.98	6.53	0.25
Geomear FY '22					0.09	2.8	0.21	2.9	0.1	1.5			0.3	8.5	5.2	72	0.07					0.20
T4-100m	9/24/21	1017	0.6	Ebb	0.08	2.6	0.05	0.7	0.23	3.2	-0.1	-4	0.19	5.9	4.9	68	0.07	35.56	26.8	8.02	6.63	0.12
T4-100m	12/16/21	929	0.6	Low	0.13	3.9	0.37	5.2	0.19	2.6	1.5	42	0.28	8.7	5.3	74	0.06	35.09	25.9	8.10	6.57	0.21
T4-100m	3/16/22	1013	0.2	Low	0.09	2.9	0.19	2.7	0.09	1.2	0.9	24	0.31	9.6	4.6	65	0.06	34.91	25.4	8.07	6.82	0.21
T4-100m	6/9/22	913	0.6	Flood	0.13	4.1	0.71	9.9	0.31	4.4	6.4	179	0.30	9.3	5.8	81	0.09	34.34	26.2	7.99	6.55	0.21
Geomear FY '22					0.11	3.3	0.22	3.1	0.2	2.6			0.3	8.2	5.1	72	0.07					0.18
T4-500m	9/24/21	1024	0.6	Ebb	0.02	0.6	0.02	0.3	0.16	2.2	-0.2	-7	0.17	5.2	4.6	65	0.06	35.55	26.9	8.02	6.65	0.14
T4-500m	12/16/21	940	0.6	Low	0.10	3.1	0.01	0.1	0.09	1.3	0.7	18	0.26	8.2	4.6	64	0.09	35.12	26.0	8.11	6.71	0.27
T4-500m	3/16/22	1020	0.2	Low	0.09	2.8	0.01	0.1	0.04	0.5	0.1	3	0.31	9.7	4.3	61	0.03	34.92	25.5	8.07	6.84	0.22
T4-500m	6/9/22	920	0.6	Flood	0.08	2.6	0.12	1.7	0.54	7.5	0.0	-1	0.28	8.8	4.1	58	0.09	34.49	26.3	8.02	6.74	0.10
Geomear FY '22					0.06	1.9	0.02	0.3	0.1	1.8			0.3	7.8	4.4	62	0.06					0.17

NELHA Water Quality Laboratory

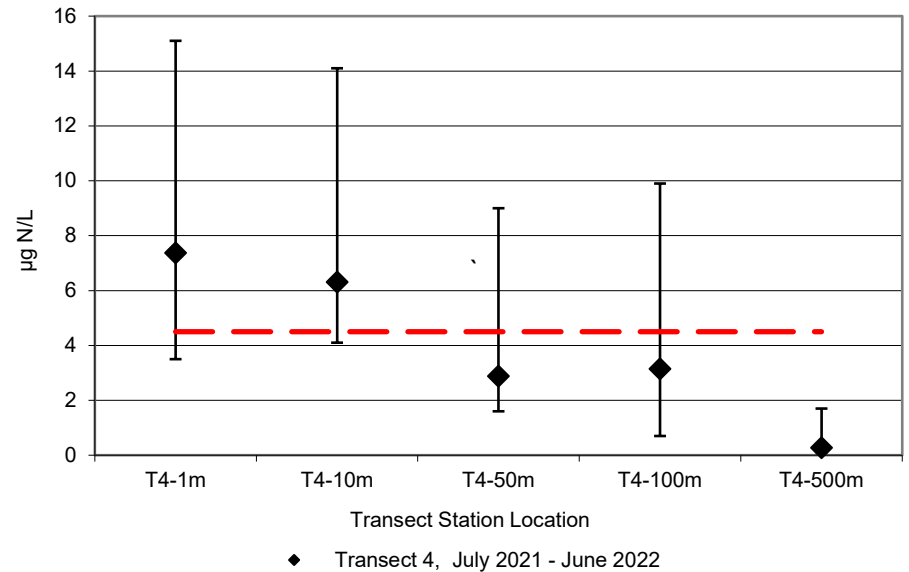
Transect 4

July 2021 - June 2022

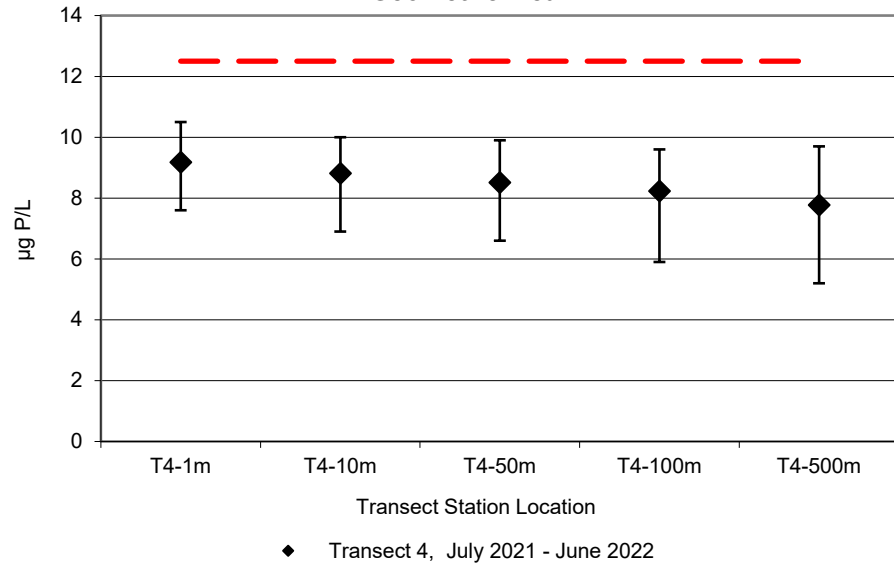
Ortho-Phosphate Geometric Mean



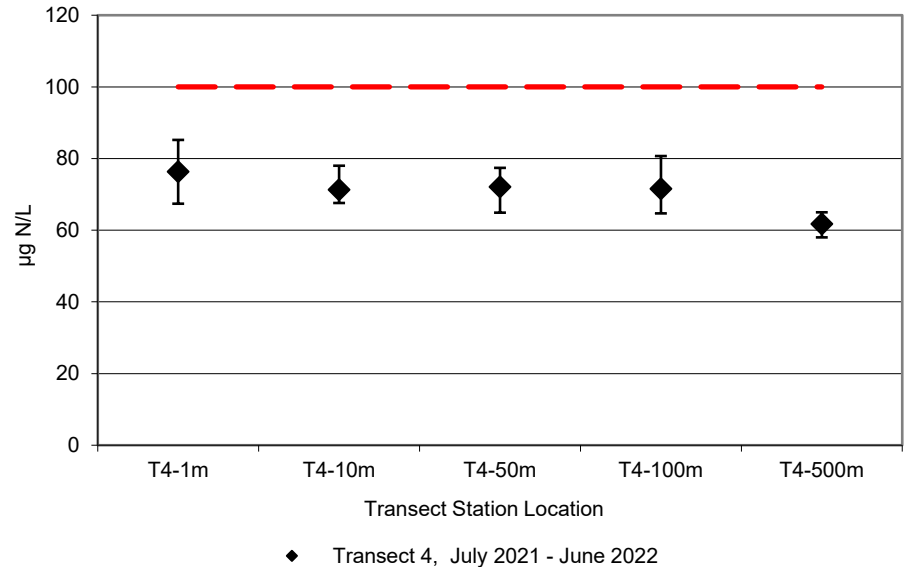
Nitrate + Nitrite Geometric Mean



Total Dissolved Phosphorous Geometric Mean



Total Dissolved Nitrogen Geometric Mean

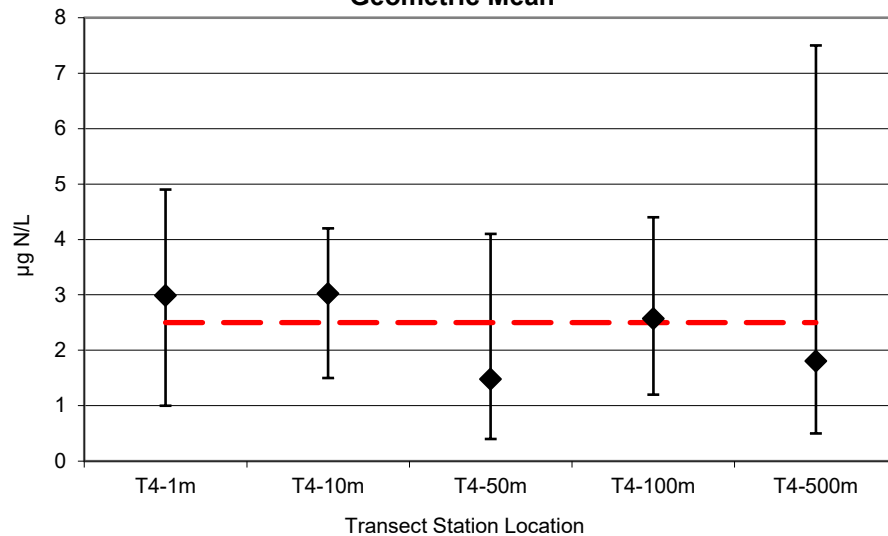


NELHA Water Quality Laboratory

Transect 4

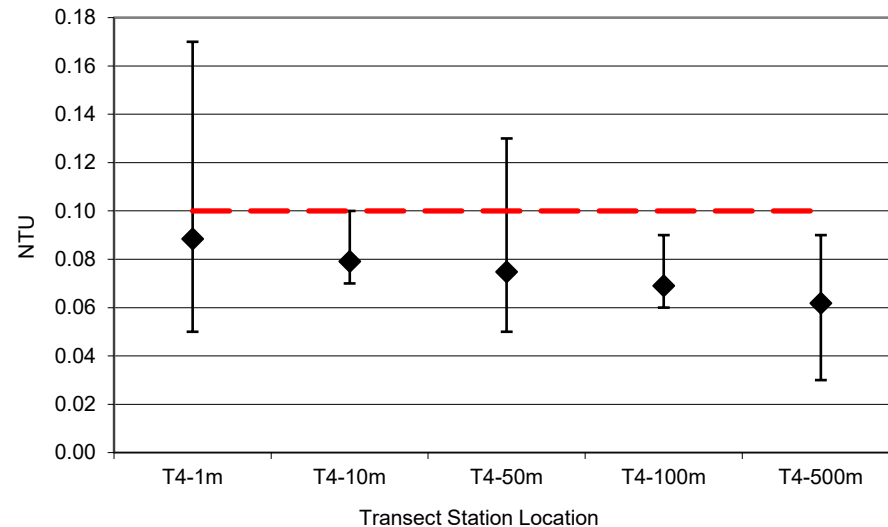
July 2021 - June 2022

Total Ammonia Geometric Mean



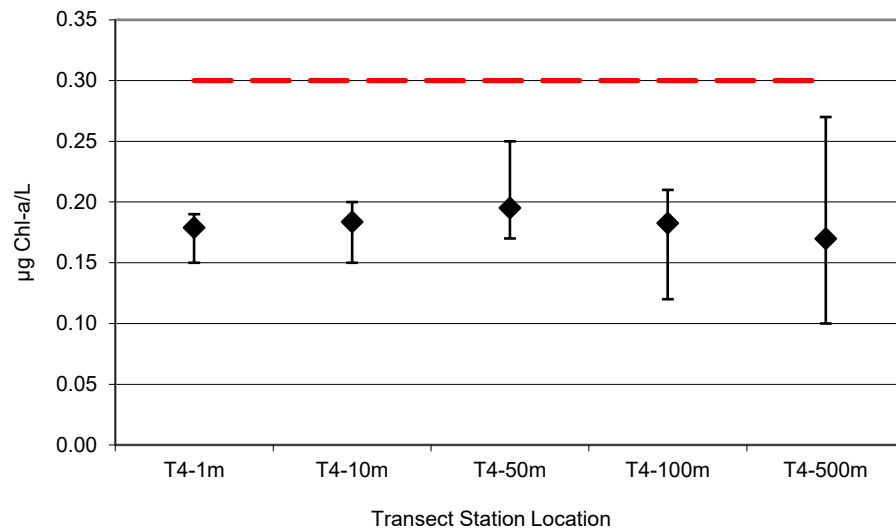
◆ Transect 4, July 2021 - June 2022

Turbidity Geometric Mean



◆ Transect 4, July 2021 - June 2022

Chlorophyll-a Geometric Mean



◆ Transect 4, July 2021 - June 2022

NELHA Water Quality Laboratory

Transect 4

July 2020 - June 2021

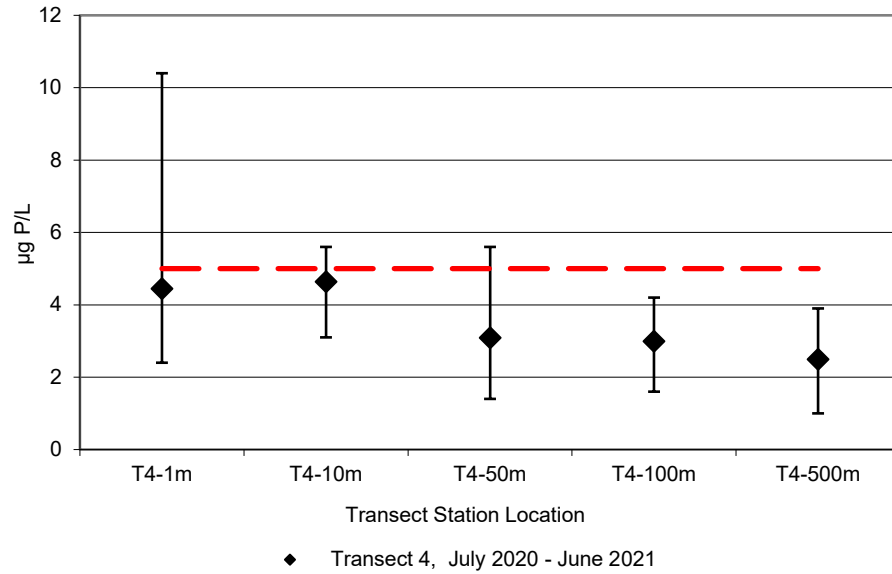
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	9/23/20	916	1.9	High	0.13	3.9	0.21	2.9	0.69	9.6	0.9	25	0.41	12.6	6.4	89	0.04	36.04	26.2	8.15	6.22	0.21
T4-1m	12/16/20	919	1.3	Ebb	0.13	4.0	0.36	5.1	0.32	4.5	1.1	30	0.30	9.3	6.5	90	0.09	35.61	26.5	8.08	6.75	0.17
T4-1m	3/10/21	932	0.2	Low	0.34	10.4	1.74	24.4	0.35	4.9	4.2	117	0.31	9.7	5.8	82	0.08	35.67	24.7	8.06	6.97	0.19
T4-1m	5/26/21	935	-0.4	Low	0.08	2.4	0.68	9.5	0.19	2.6	2.3	66	0.22	6.9	5.5	76	0.14	35.57	25.4	8.01	7.11	0.19
Geomear FY '21					0.14	4.4	0.55	7.7	0.35	4.8			0.30	9.4	6.0	84	0.08					0.19
T4-10m	9/23/20	921	1.9	High	0.16	5.0	0.21	3.0	0.84	11.7	1.1	32	0.40	12.4	7.1	99	0.02	36.05	26.2	8.12	5.94	0.21
T4-10m	12/16/20	924	1.3	Ebb	0.17	5.3	0.18	2.5	0.29	4.1	0.5	15	0.30	9.2	6.5	91	0.06	35.62	26.5	8.09	6.74	0.15
T4-10m	3/10/21	938	0.2	Low	0.18	5.6	0.55	7.7	0.08	1.1	2.2	62	0.33	10.2	5.0	70	0.05	35.67	24.7	8.07	6.96	0.19
T4-10m	5/26/21	931	-0.4	Low	0.10	3.1	0.66	9.2	0.22	3.1	2.4	67	0.16	5.1	5.5	77	0.09	35.58	25.4	8.00	7.13	0.16
Geomear FY '21					0.15	4.6	0.34	4.8	0.26	3.6			0.28	8.8	6.0	83	0.05					0.18
T4-50m	9/23/20	927	1.9	High	0.11	3.3	0.13	1.8	0.49	6.9	0.8	22	0.40	12.4	6.6	92	0.03	36.06	26.2	8.14	5.80	0.14
T4-50m	12/16/20	930	1.3	Ebb	0.11	3.5	0.11	1.5	0.21	3.0	0.0	0	0.27	8.3	6.0	85	0.05	35.61	26.5	8.10	6.61	0.17
T4-50m	3/10/21	944	0.2	Low	0.18	5.6	0.37	5.2	0.16	2.2	0.3	7	0.31	9.5	4.2	60	0.06	35.75	24.7	8.07	6.81	0.15
T4-50m	5/26/21	927	-0.4	Low	0.05	1.4	0.38	5.3	0.19	2.6	1.7	47	0.16	5.0	5.2	73	0.07	35.59	25.4	7.98	6.84	0.14
Geomear FY '21					0.10	3.1	0.21	2.9	0.24	3.3			0.27	8.4	5.4	76	0.05					0.15
T4-100m	9/23/20	932	1.9	High	0.11	3.3	0.04	0.5	0.29	4.1	0.9	25	0.33	10.2	6.8	95	0.03	36.06	26.2	8.15	5.63	0.26
T4-100m	12/16/20	936	1.3	Ebb	0.12	3.6	0.04	0.6	0.25	3.5	0.0	1	0.27	8.4	6.4	90	0.07	35.60	26.5	8.10	6.63	0.15
T4-100m	3/10/21	949	0.2	Low	0.14	4.2	0.15	2.1	0.25	3.5	0.6	18	0.29	9.1	4.3	60	0.05	35.75	24.7	8.08	6.80	0.17
T4-100m	5/26/21	922	-0.4	Low	0.05	1.6	0.31	4.3	0.05	0.7	1.2	34	0.15	4.8	6.6	92	0.06	35.61	25.5	7.99	6.81	0.16
Geomear FY '21					0.10	3.0	0.09	1.3	0.17	2.4			0.25	7.8	5.9	83	0.05					0.18
T4-500m	9/23/20	941	1.9	High	0.08	2.6	0.06	0.8	0.29	4.1	0.7	20	0.38	11.9	6.4	90	0.02	36.08	26.3	8.16	5.57	0.18
T4-500m	12/16/20	943	1.3	Ebb	0.13	3.9	0.16	2.3	0.25	3.5	0.2	6	0.29	8.9	5.5	77	0.03	35.57	26.5	8.11	6.64	0.11
T4-500m	3/10/21	957	0.2	Low	0.12	3.8	0.19	2.6	0.15	2.1	0.1	2	0.32	9.8	3.8	53	0.06	35.75	24.8	8.09	6.81	0.17
T4-500m	5/26/21	915	-0.4	Low	0.03	1.0	0.19	2.7	0.16	2.2	2.2	61	0.13	4.1	4.8	68	0.08	35.66	25.5	7.98	6.82	0.13
Geomear FY '21					0.08	2.5	0.13	1.9	0.20	2.9			0.26	8.1	5.0	70	0.04					0.14

NELHA Water Quality Laboratory

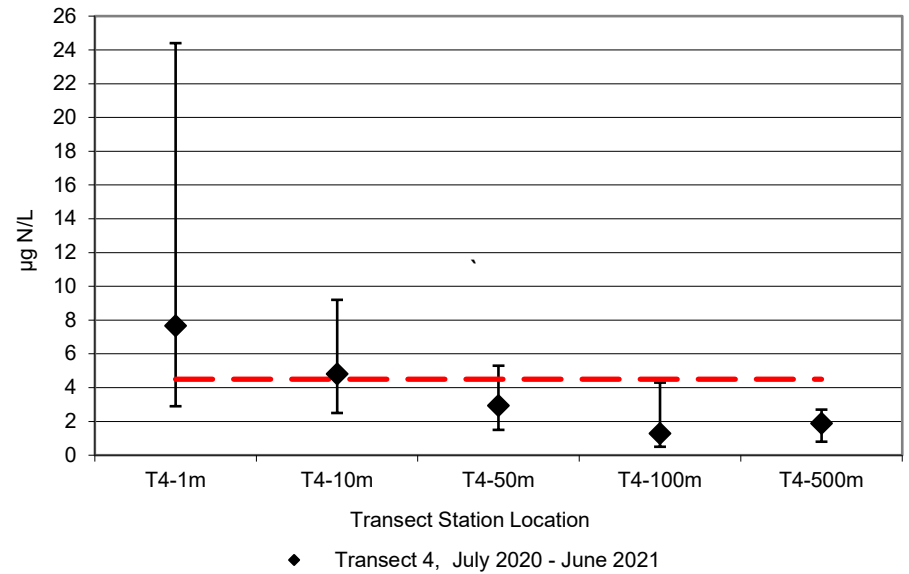
Transect 4

July 2020 - June 2021

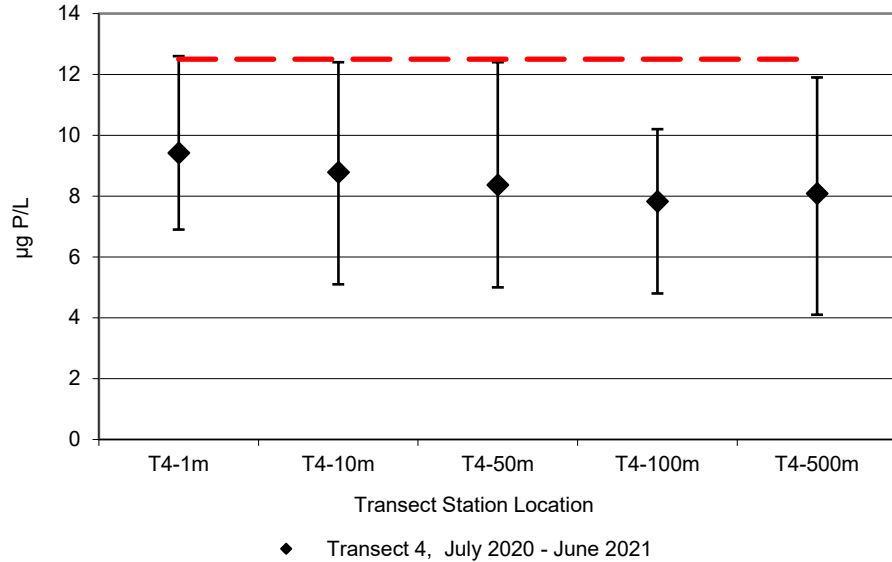
Ortho-Phosphate Geometric Mean



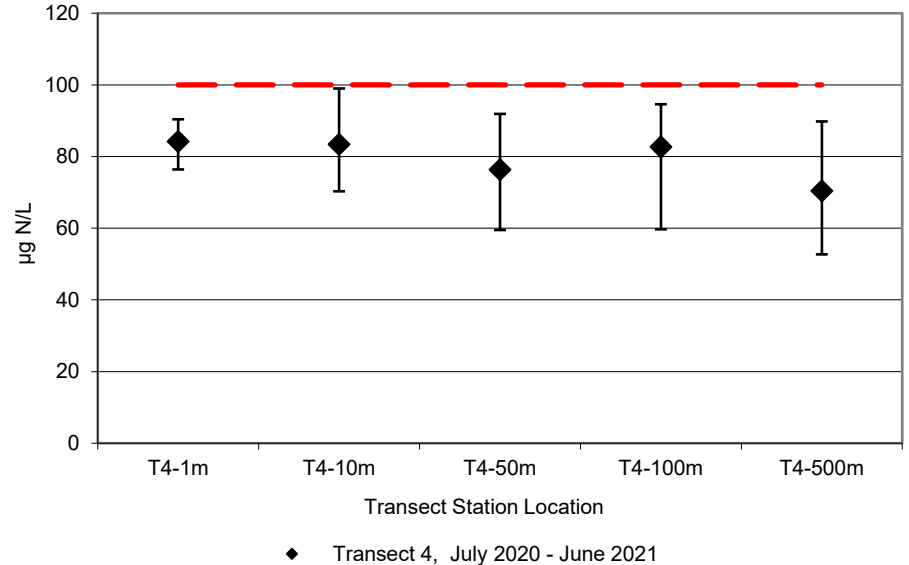
Nitrate + Nitrite Geometric Mean



Total Dissolved Phosphorous Geometric Mean



Total Dissolved Nitrogen Geometric Mean

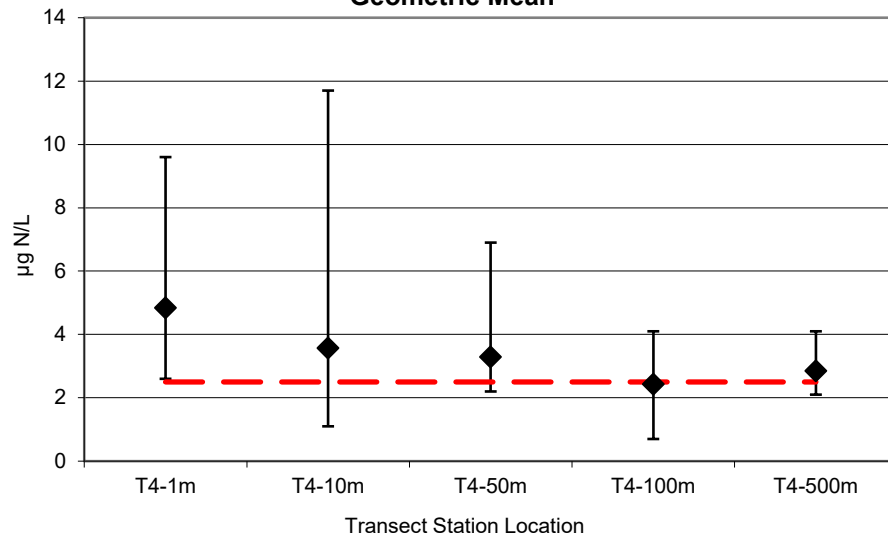


NELHA Water Quality Laboratory

Transect 4

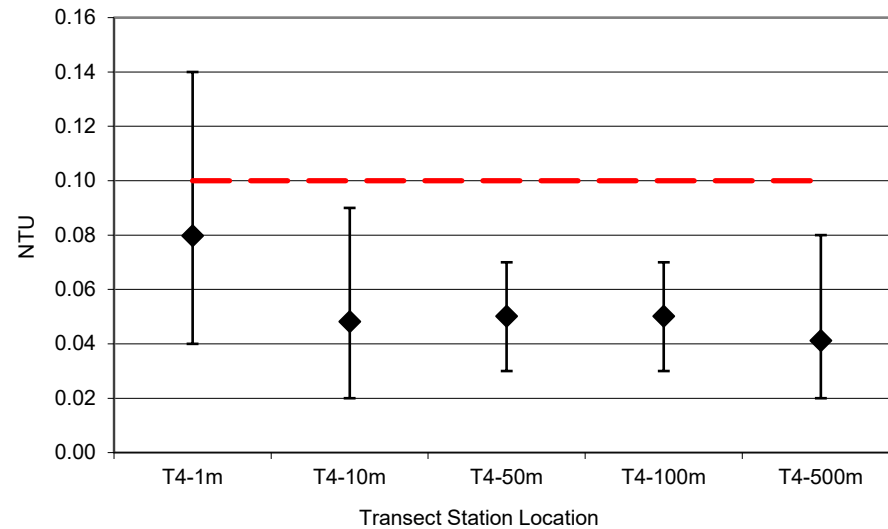
July 2020 - June 2021

Total Ammonia Geometric Mean



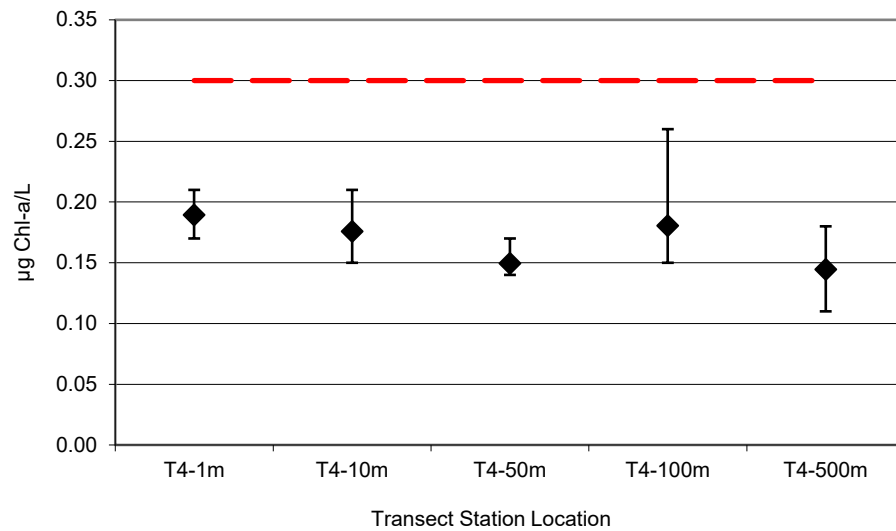
◆ Transect 4, July 2020 - June 2021

Turbidity Geometric Mean



◆ Transect 4, July 2020 - June 2021

Chlorophyll-a Geometric Mean



◆ Transect 4, July 2020 - June 2021

NELHA Water Quality Laboratory

Transect 4

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
T4-1m	8/15/19	929	0.0	Low	0.07	2.1	0.16	2.3	0.25	3.5	2.9	81	0.31	9.5	1.9	27	0.12	35.17	28.2	8.16	6.74	0.20
T4-1m	11/19/19	1101	1.7	High	0.11	3.3	0.11	1.6	0.19	2.6	0.2	5	0.39	12.1	2.5	35	0.13	34.43	27.7	8.28	6.61	0.16
T4-1m	1/23/20	943	0.4	Low	0.09	2.8	0.16	2.3	0.09	1.3	0.0	0	0.38	11.8	2.0	28	0.08	34.95	25.0	8.20	6.74	0.10
T4-1m	6/25/20	908	0.5	Ebb	0.07	2.2	0.16	2.3	0.40	5.6	0.8	23	0.30	9.2	2.3	33	0.10	35.45	26.1	8.19	6.84	0.20
Geomear FY '20					0.08	2.6	0.15	2.1	0.2	2.8			0.3	10.6	2.2	30	0.11					0.16
T4-10m	8/15/19	934	0.0	Low	0.05	1.7	0.16	2.3	0.17	2.4	2.7	76	0.32	9.9	2.1	30	0.11	35.19	28.2	8.21	6.68	0.15
T4-10m	11/19/19	1108	1.7	High	0.10	3.1	0.06	0.8	0.34	4.7	0.3	7	0.39	12	2.4	34	0.08	34.87	27.7	8.24	6.54	0.16
T4-10m	1/23/20	946	0.4	Low	0.08	2.6	0.16	2.3	0.09	1.3	0.0	0	0.39	12.1	2.9	41	0.06	34.95	25.0	8.20	6.75	0.10
T4-10m	6/25/20	913	0.5	Ebb	0.06	2.0	0.16	2.3	0.61	8.5	0.4	12	0.26	8.1	2.6	37	0.07	35.46	26.2	8.17	6.77	0.22
Geomear FY '20					0.07	2.3	0.12	1.7	0.24	3.3			0.34	10.4	2.5	35	0.08					0.15
T4-50m	8/15/19	942	0.0	Low	0.03	0.8	0.16	2.3	0.20	2.8	2.0	55	0.29	9.1	2.0	28	0.08	35.24	28.2	8.2	6.62	0.17
T4-50m	11/19/19	1116	1.7	High	0.10	3.2	0.12	1.7	0.45	6.3	0.3	7	0.39	12.2	2.7	38	0.08	34.87	27.7	8.22	6.49	0.12
T4-50m	1/23/20	956	0.4	Low	0.08	2.5	0.16	2.3	0.09	1.25	0.0	0	0.39	12.0	2.6	36	0.06	34.98	25.0	8.25	6.70	0.10
T4-50m	6/25/20	917	0.5	Ebb	0.05	1.5	0.16	2.3	0.52	7.3	0.4	12	0.28	8.6	2.9	40	0.08	35.47	26.2	8.16	6.73	0.20
Geomear FY '20					0.06	1.8	0.15	2.1	0.25	3.6			0.33	10.3	2.5	35	0.07					0.14
T4-100m	8/15/19	946	0.0	Low	0.03	0.8	0.16	2.3	0.22	3.1	3.2	89	0.29	9.1	2.4	33	0.11	35.25	28.2	8.19	6.57	0.19
T4-100m	11/19/19	1121	1.7	High	0.09	2.8	0.05	0.7	0.73	10.2	0.1	4	0.38	11.9	2.5	35	0.07	34.85	27.7	8.23	6.46	0.11
T4-100m	1/23/20	1001	0.4	Low	0.07	2.1	0.16	2.3	0.09	1.3	1.7	47	0.39	12.1	2.1	30	0.04	34.98	25.0	8.22	6.78	0.10
T4-100m	6/25/20	923	0.5	Ebb	0.05	1.6	0.16	2.3	0.29	4.1	0.3	9	0.28	8.7	1.5	21	0.06	35.47	26.2	8.17	6.64	0.15
Geomear FY '20					0.05	1.7	0.12	1.7	0.25	3.6			0.33	10.3	2.1	29	0.07					0.13
T4-500m	8/15/19	952	0.0	Low	0.01	0.2	0.16	2.3	0.17	2.4	1.4	41	0.23	7.2	1.40	20	0.06	35.29	28.3	8.20	6.57	0.16
T4-500m	11/19/19	1128	1.7	High	0.10	3.1	0.05	0.7	0.60	8.4	0.2	6	0.40	12.3	2.39	34	0.06	34.81	27.8	8.22	6.45	0.12
T4-500m	1/23/20	1009	0.4	Low	0.07	2.1	0.16	2.3	0.09	1.3	0.0	0	0.38	11.9	2.21	31	0.05	34.99	25.1	8.22	6.68	0.07
T4-500m	6/25/20	930	0.5	Ebb	0.04	1.1	0.16	2.3	0.26	3.7	0.2	6	0.24	7.4	2.50	35	0.05	35.50	26.3	8.18	6.60	0.14
Geomear FY '20					0.04	1.1	0.12	1.7	0.22	3.1			0.30	9.4	2.1	29	0.05					0.12

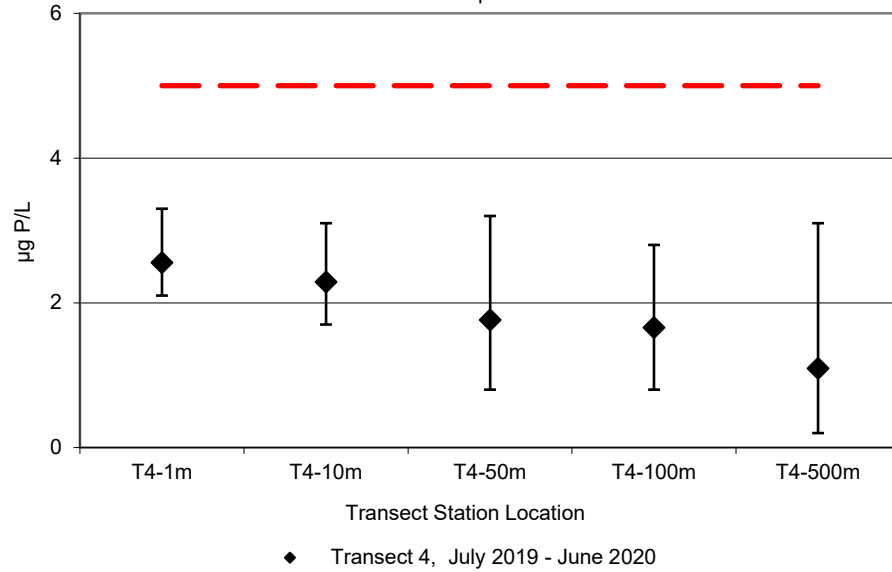
NELHA Water Quality Laboratory

Transect 4

July 2018 - June 2019

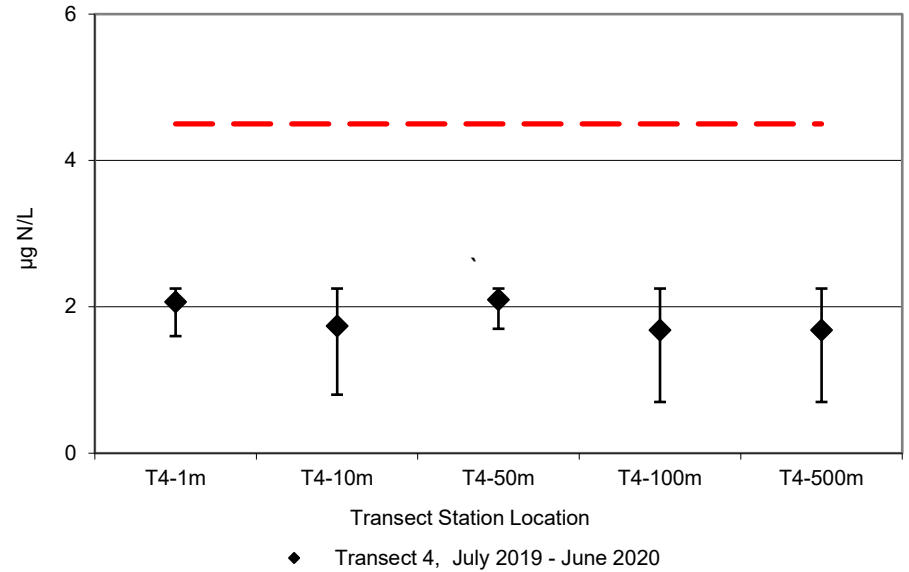
Transect 4 Station Summary

Ortho-Phosphate Geometric Mean



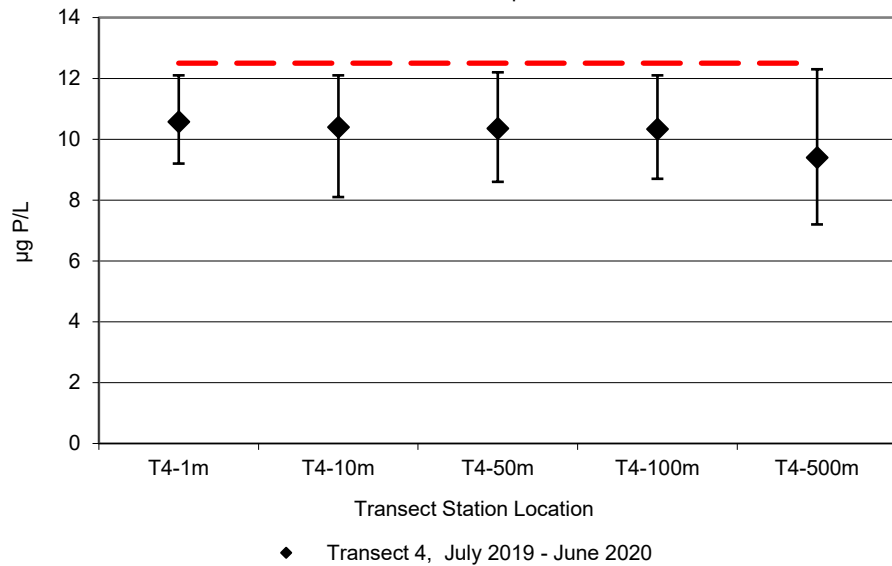
Transect 4 Station Summary

Nitrate + Nitrite Geometric Mean



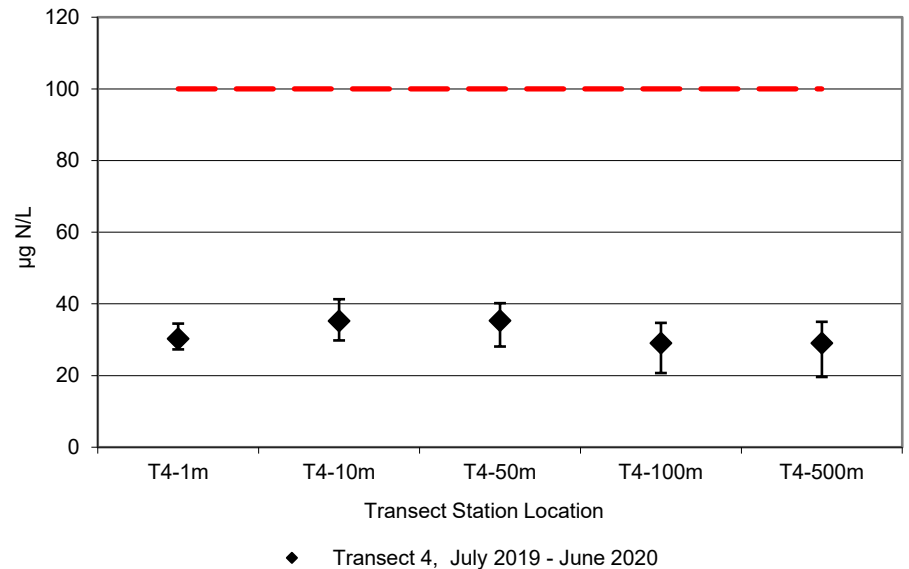
Transect 4 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary

Total Dissolved Nitrogen Geometric Mean



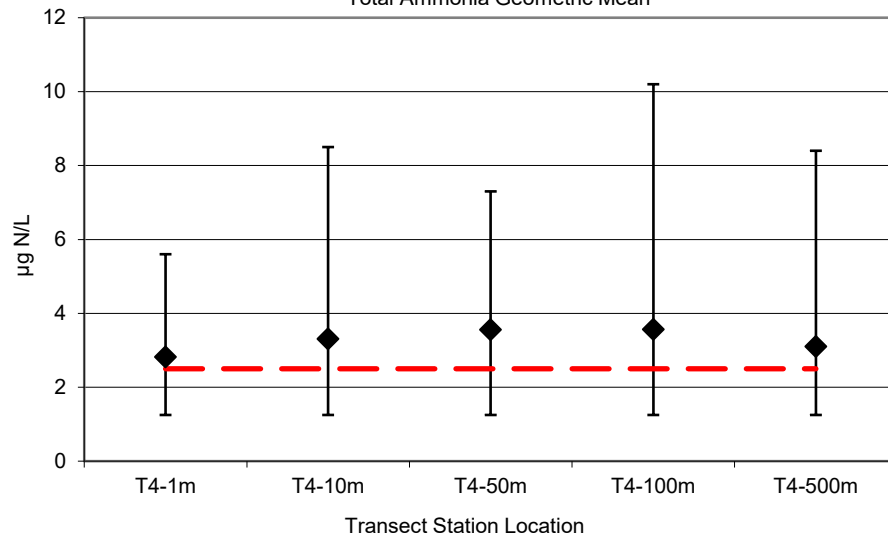
NELHA Water Quality Laboratory

Transect 4

July 2018 - June 2019

Transect 4 Station Summary

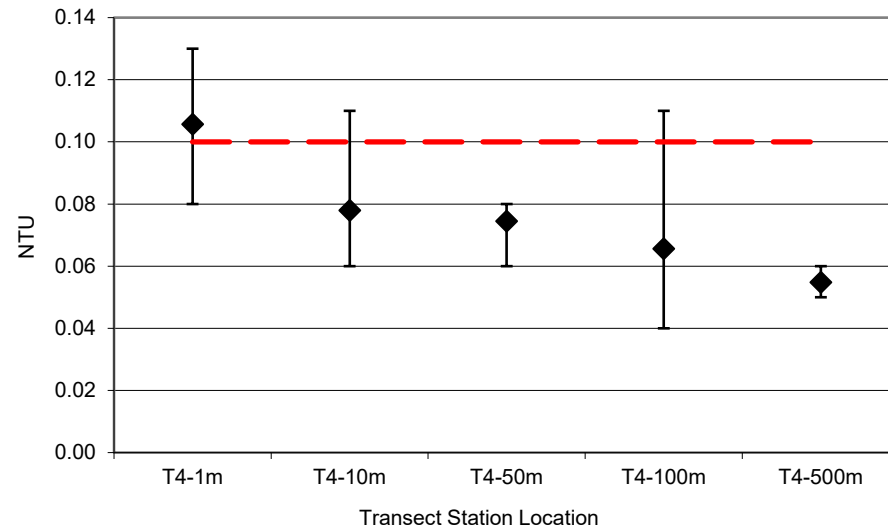
Total Ammonia Geometric Mean



◆ Transect 4, July 2019 - June 2020

Transect 4 Station Summary

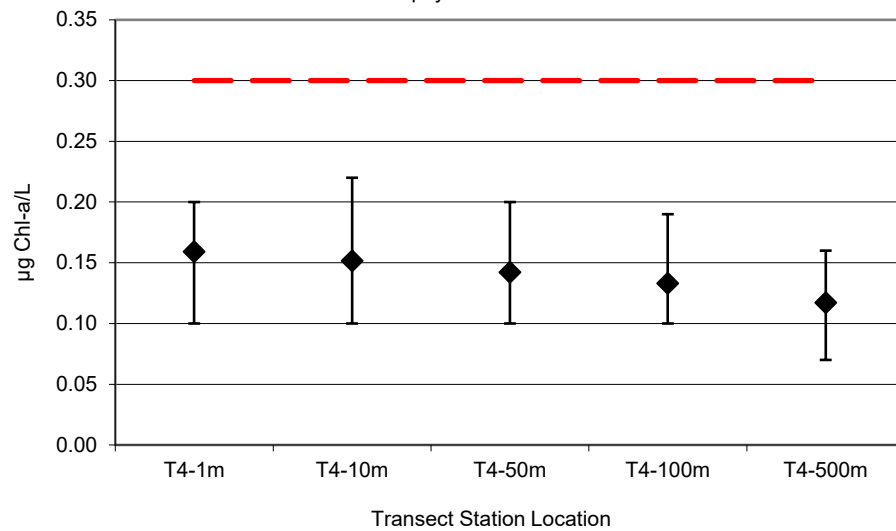
Turbidity Geometric Mean



◆ Transect 4, July 2019 - June 2020

Transect 4 Station Summary

Chlorophyll-a Geometric Mean



◆ Transect 4, July 2019 - June 2020

NELHA Water Quality Laboratory

Transect 4

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
T4-1m	9/26/18	1156	0.5	Flood	0.07	2.1	0.16	2.3	0.33	4.6	0.2	5	0.32	9.9	2.2	31	0.13	34.64	27.6	8.15	4.91	0.14
T4-1m	#####	1015	1.7	High	0.05	1.6	0.29	4.1	0.31	4.3	0.1	3	0.33	10.3	6.9	97	0.08	34.90	27.3	8.19	6.09	0.15
T4-1m	1/23/19	959	0.8	Ebb	0.15	4.7	0.50	7.0	0.15	2.1	2.8	79	0.41	12.6	2.7	38	0.11	34.85	24.9	8.16	5.24	0.22
T4-1m	4/17/19	950	0.0	Flood	0.15	4.5	0.41	5.7	0.24	3.3	2.1	59	0.41	12.6	2.6	36	0.06	34.70	25.7	8.11	7.13	0.14
Geomear FY '19					0.09	2.9	0.31	4.4	0.2	3.4			0.4	11.3	3.2	45	0.09					0.16
T4-10m	9/26/18	1201	0.5	Flood	0.01	0.4	0.16	2.3	0.23	3.2	0.0	1	0.36	11.3	3.7	51	0.08	34.71	27.5	8.40	4.79	0.17
T4-10m	#####	1020	1.7	High	0.04	1.3	0.30	4.2	0.25	3.5	0.1	2	0.34	10.5	5.7	80	0.06	34.91	27.3	8.18	6.04	0.13
T4-10m	1/23/19	1003	0.8	Ebb	0.12	3.7	0.23	3.2	0.16	2.3	2.7	76	0.42	13.0	3.0	42	0.11	34.89	24.9	8.17	5.13	0.22
T4-10m	4/17/19	954	0.0	Flood	0.15	4.6	0.44	6.1	0.29	4.0	2.2	62	0.41	12.7	2.9	40	0.09	34.75	25.7	8.10	7.04	0.13
Geomear FY '19					0.06	1.7	0.26	3.7	0.23	3.2			0.38	11.8	3.7	51	0.08					0.16
T4-50m	9/26/18	1208	0.5	Flood	0.03	0.9	0.16	2.3	0.42	5.9	0.5	13	0.33	10.1	2.0	28	0.09	34.72	27.7	8.15	4.70	0.18
T4-50m	#####	1024	1.7	High	0.06	1.8	0.24	3.3	0.25	3.5	0.1	3	0.34	10.6	3.9	55	0.08	34.91	27.3	8.17	6.07	0.14
T4-50m	1/23/19	1008	0.8	Ebb	0.08	2.6	0.16	2.3	0.08	1.1	0.8	24	0.36	11.2	3.5	49	0.15	34.92	24.9	8.18	5.11	0.15
T4-50m	4/17/19	1000	0.0	Flood	0.13	4.0	0.20	2.8	0.11	1.5	1.3	37	0.38	11.8	2.7	37	0.03	34.76	25.7	8.10	6.91	0.10
Geomear FY '19					0.07	2.0	0.19	2.6	0.17	2.4			0.35	10.9	2.9	41	0.08					0.14
T4-100m	9/26/18	1220	0.5	Flood	0.03	1.0	0.16	2.3	0.38	5.3	0.3	10	0.36	11.0	2.3	33	0.09	34.74	27.6	8.14	4.71	0.19
T4-100m	#####	1029	1.7	High	0.03	0.9	0.14	2.0	0.19	2.7	3.2	89	0.35	10.8	4.1	58	0.08	34.91	27.3	8.19	6.11	0.16
T4-100m	1/23/19	1019	0.8	Ebb	0.07	2.3	0.04	0.6	0.14	2.0	3.0	83	0.36	11.1	2.5	35	0.06	34.94	24.9	8.19	5.02	0.22
T4-100m	4/17/19	1005	0.0	Flood	0.12	3.7	0.08	1.1	0.20	2.8	7.9	222	0.38	11.7	2.4	34	0.02	34.75	25.8	8.10	6.70	0.10
Geomear FY '19					0.05	1.7	0.09	1.3	0.21	3.0			0.36	11.1	2.8	39	0.05					0.16
T4-500m	9/26/18	1229	0.5	Flood	0.00	0.1	0.16	2.3	0.27	3.8	0.0	1	0.36	11.1	3.05	43	0.08	34.77	27.8	8.14	4.61	0.11
T4-500m	#####	1040	1.7	High	0.03	0.8	0.13	1.8	0.26	3.7	0.0	1	0.35	10.8	3.33	47	0.07	34.91	27.4	8.19	6.07	0.12
T4-500m	1/23/19	1028	0.8	Ebb	0.07	2.1	0.01	0.2	0.06	0.9	0.4	10	0.36	11.0	2.42	34	0.06	34.95	25.0	8.19	5.05	0.19
T4-500m	4/17/19	1012	0.0	Flood	0.11	3.3	0.04	0.6	0.33	4.6	0.9	26	0.38	11.7	2.16	30	0.04	34.75	25.8	8.10	6.67	0.10
Geomear FY '19					0.03	0.9	0.06	0.8	0.20	2.8			0.36	11.1	2.7	38	0.06					0.13

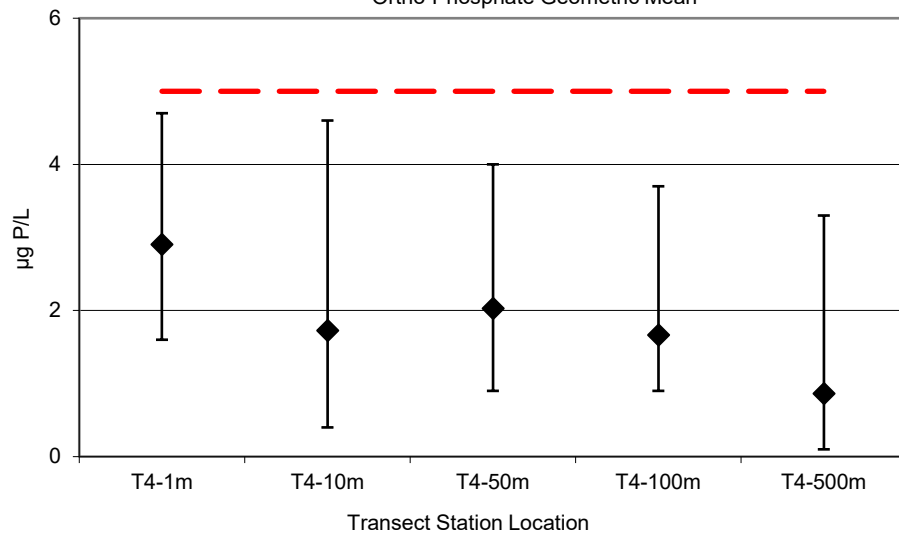
NELHA Water Quality Laboratory

Transect 4

Julv 2018 - June 2019

Transect 4 Station Summary

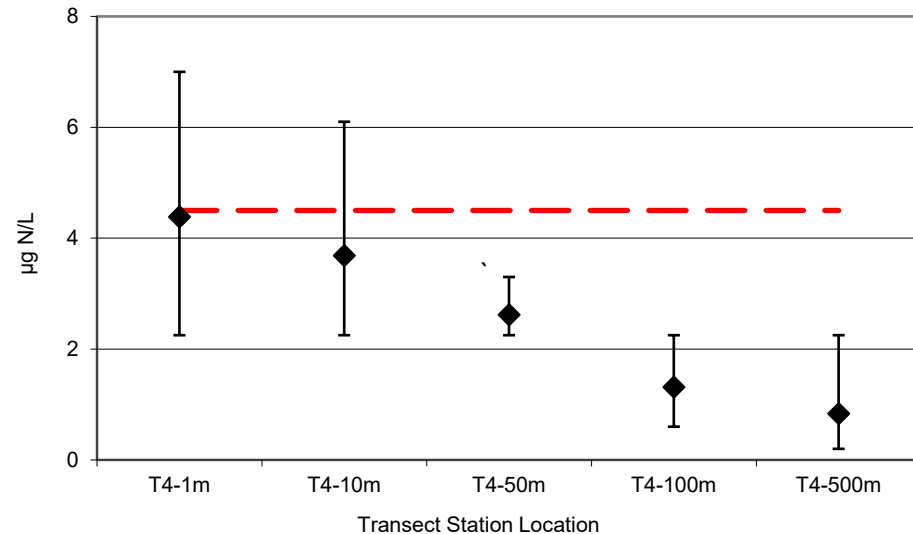
Ortho-Phosphate Geometric Mean



◆ Transect 4, July 2018 - June 2019

Transect 4 Station Summary

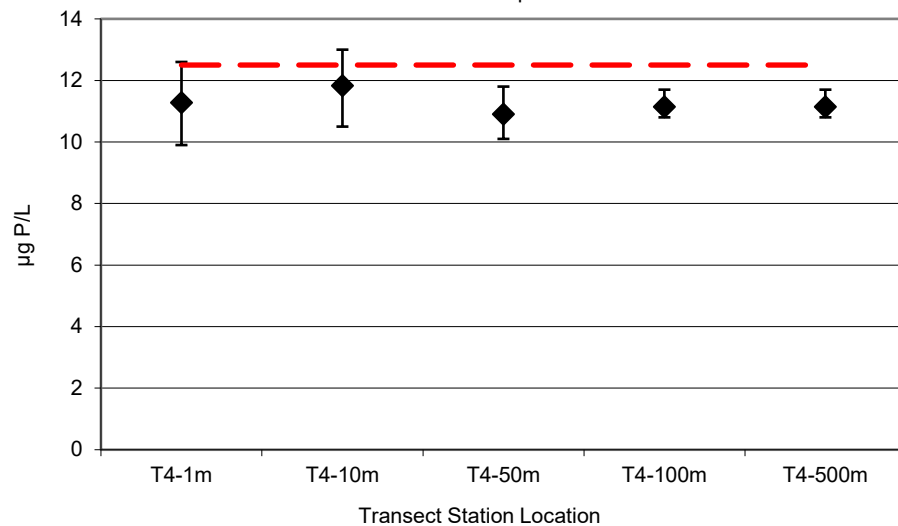
Nitrate + Nitrite Geometric Mean



◆ Transect 4, July 2018 - June 2019

Transect 4 Station Summary

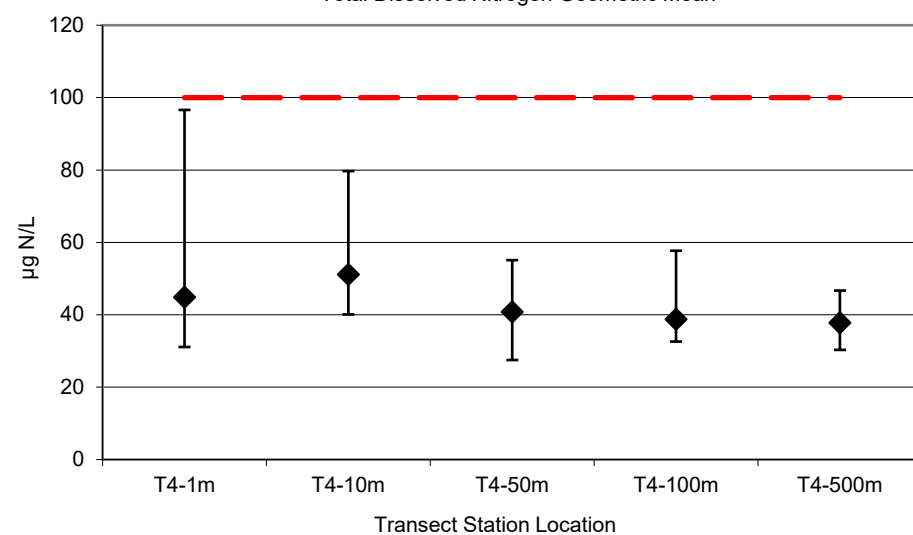
Total Dissolved Phosphorous Geometric Mean



◆ Transect 4, July 2018 - June 2019

Transect 4 Station Summary

Total Dissolved Nitrogen Geometric Mean



◆ Transect 4, July 2018 - June 2019

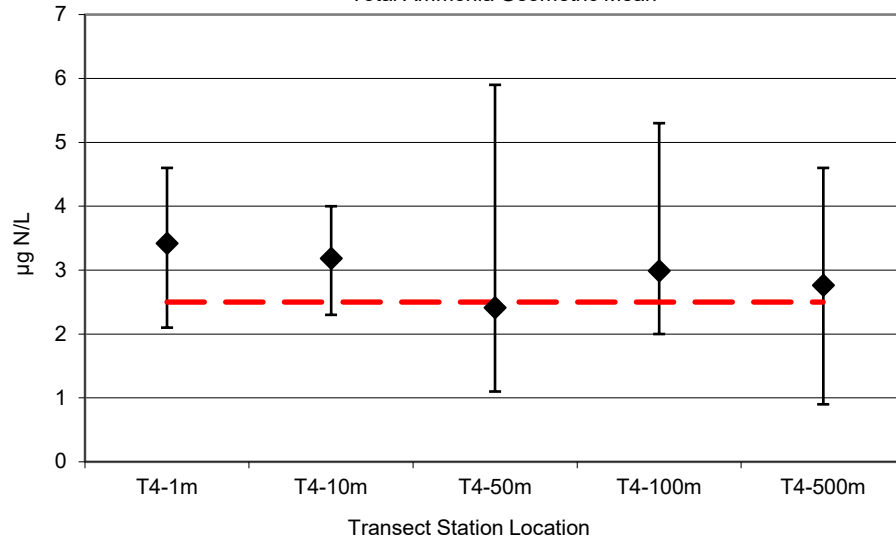
NELHA Water Quality Laboratory

Transect 4

July 2018 - June 2019

Transect 4 Station Summary

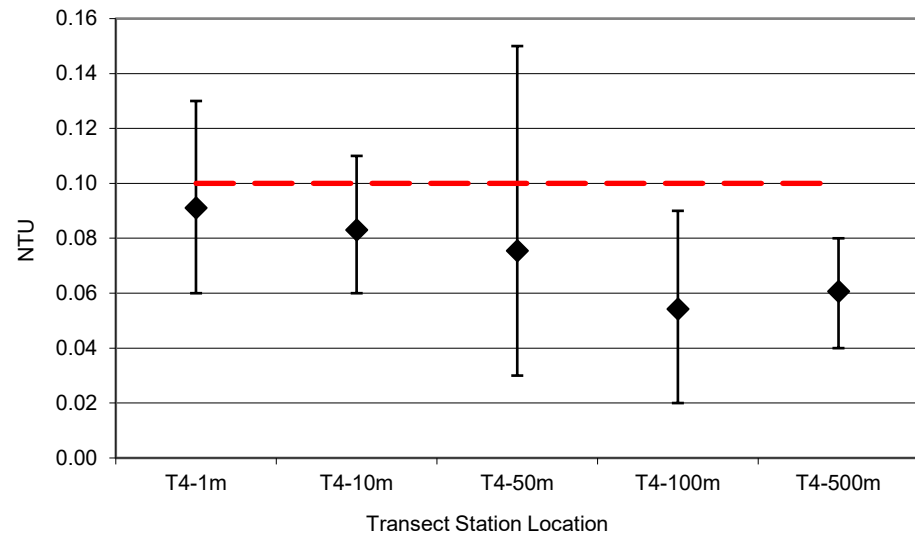
Total Ammonia Geometric Mean



◆ Transect 4, July 2018 - June 2019

Transect 4 Station Summary

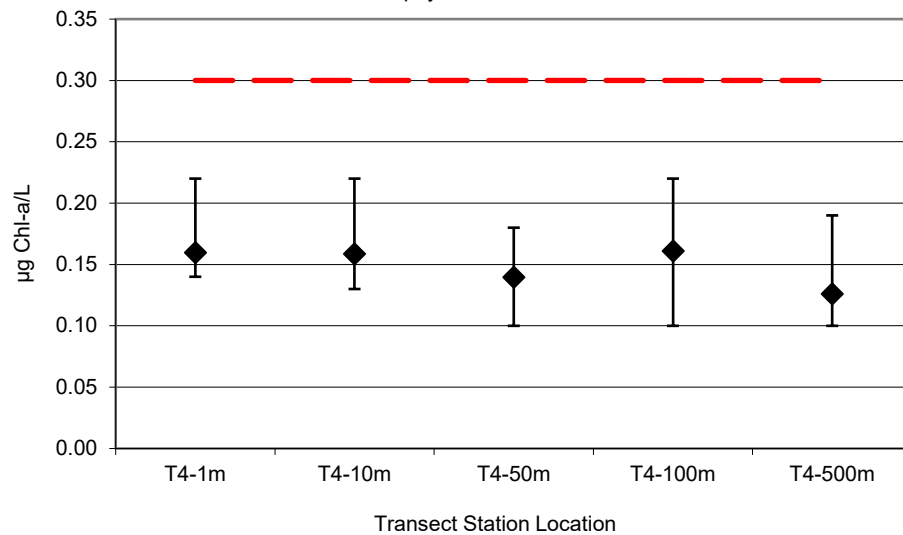
Turbidity Geometric Mean



◆ Transect 4, July 2018 - June 2019

Transect 4 Station Summary

Chlorophyll-a Geometric Mean



◆ Transect 4, July 2018 - June 2019

NELHA Water Quality Laboratory

Transect 4

July 2017 - June 2018

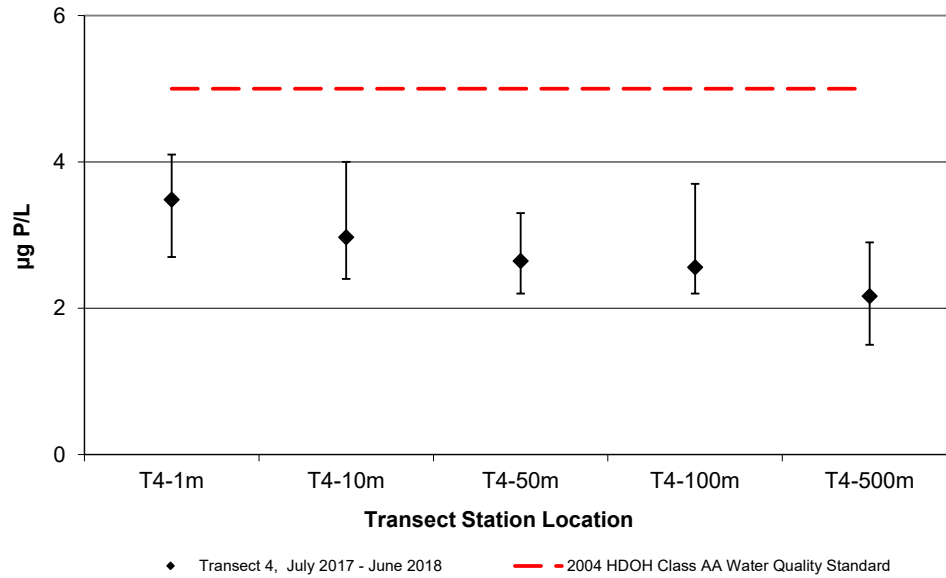
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T4-1m	9/28/17	923	1.5 Flood	0.12 3.6	0.18 2.5	0.14 1.9	0.3 9	0.40 12.4	2.8 39	0.08	34.82	27.9	8.16	5.10	0.08
T4-1m	11/30/17	913	0.8 Flood	0.12 3.7	0.48 6.7	0.54 7.5	2.2 61	0.37 11.5	3.9 54	0.11	35.12	26.3	8.20	5.74	0.18
T4-1m	2/6/18	954	1.2 Ebb	0.09 2.7	0.19 2.6	0.45 6.3	1.7 47	0.35 10.7	3.1 43	0.10	34.81	24.9	8.16	5.98	0.08
T4-1m	5/17/18	927	-0.3 Ebb	0.13 4.1	0.35 4.9	0.26 3.7	3.0 84	0.39 12.1	5.2 73	0.12	34.72	26.0	8.14	6.65	0.10
Geomean FY '18				0.11 3.5	0.27 3.8	0.3 4.3	1.4 38.7	0.4 11.7	3.6 51	0.10					0.10
T4-10m	9/28/17	931	1.5 Flood	0.13 4.0	0.16 2.3	0.19 2.7	0.4 11	0.42 13.1	3.2 44	0.07	34.82	27.9	8.16	5.05	0.18
T4-10m	11/30/17	917	0.8 Flood	0.09 2.9	0.28 3.9	0.35 4.9	1.8 50	0.38 11.7	3.9 55	0.08	35.15	26.3	8.21	5.65	0.16
T4-10m	2/6/18	958	1.2 Ebb	0.08 2.4	0.05 0.7	0.39 5.4	1.3 37	0.35 10.8	1.9 27	0.11	34.83	24.9	8.16	5.91	0.08
T4-10m	5/17/18	931	-0.3 Ebb	0.09 2.8	0.04 0.6	0.20 2.8	2.0 56	0.38 11.7	3.7 52	0.03	34.79	26.1	8.14	6.48	0.07
Geomean FY '18				0.10 3.0	0.10 1.4	0.27 3.8	1.2 32.6	0.38 11.8	3.1 43	0.07					0.11
T4-50m	9/28/17	936	1.5 Flood	0.11 3.3	0.06 0.9	0.09 1.3	0.3 7	0.38 11.9	2.6 37	0.06	34.84	27.9	8.18	5.04	0.12
T4-50m	11/30/17	921	0.8 Flood	0.08 2.5	0.16 2.3	0.32 4.5	1.4 39	0.36 11.3	3.5 50	0.08	35.17	26.4	8.21	5.72	0.15
T4-50m	2/6/18	1003	1.2 Ebb	0.07 2.2	0.04 0.5	0.31 4.3	1.3 36	0.34 10.5	3.1 44	0.10	34.84	24.9	8.16	5.89	0.08
T4-50m	5/17/18	937	-0.3 Ebb	0.09 2.7	0.11 1.6	0.12 1.7	1.2 34	0.37 11.6	1.8 26	0.02	34.82	26.1	8.15	6.46	0.07
Geomean FY '18				0.09 2.6	0.08 1.1	0.18 2.6	0.9 24.1	0.37 11.3	2.7 38	0.06					0.10
T4-100m	9/28/17	941	1.5 Flood	0.12 3.7	0.10 1.4	0.09 1.2	0.5 13	0.38 11.8	4.0 57	0.05	34.83	27.8	8.17	5.04	0.10
T4-100m	11/30/17	926	0.8 Flood	0.07 2.2	0.14 2.0	0.28 3.9	1.1 30	0.28 8.8	5.9 83	0.08	35.21	26.4	8.21	5.70	0.11
T4-100m	2/6/18	1009	1.2 Ebb	0.07 2.2	0.03 0.4	0.36 5.1	1.3 36	0.34 10.6	2.1 30	0.09	34.84	24.9	8.15	5.88	0.08
T4-100m	5/17/18	943	-0.3 Ebb	0.08 2.4	0.15 2.1	0.10 1.4	1.0 28	0.36 11.2	1.8 26	0.02	34.83	26.0	8.15	6.37	0.07
Geomean FY '18				0.08 2.6	0.09 1.2	0.17 2.4	0.9 25.1	0.34 10.5	3.1 43	0.05					0.09
T4-500m	9/28/17	948	1.5 Flood	0.09 2.9	0.13 1.8	0.08 1.1	0.2 5	0.39 12.1	3.86 54	0.04	34.86	28.2	8.17	4.85	0.09
T4-500m	11/30/17	937	0.8 Flood	0.08 2.4	0.15 2.1	0.31 4.4	1.1 32	0.36 11.2	3.54 50	0.05	35.21	26.5	8.21	5.57	0.13
T4-500m	2/6/18	1016	1.2 Ebb	0.05 1.5	0.13 1.8	0.37 5.2	0.4 11	0.33 10.2	4.04 57	0.08	34.91	25.1	8.16	5.74	0.04
T4-500m	5/17/18	951	-0.3 Ebb	0.07 2.1	0.16 2.3	0.14 2.0	0.9 25	0.35 10.8	2.20 31	0.02	34.87	26.3	8.16	6.39	0.09
Geomean FY '18				0.07 2.2	0.14 2.0	0.19 2.7	0.5 14.0	0.36 11.1	3.3 47	0.04					0.08

NELHA Water Quality Laboratory

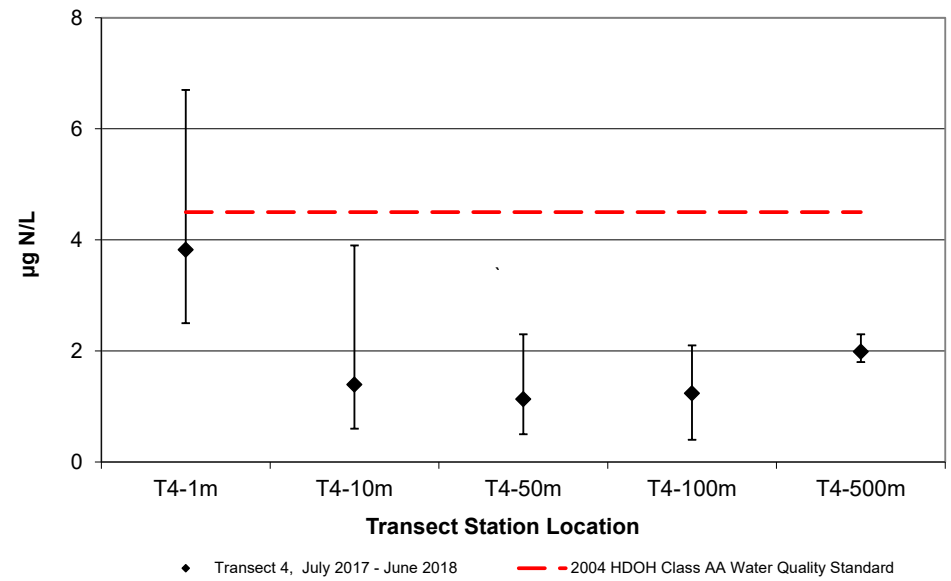
Transect 4

July 2017 - June 2018

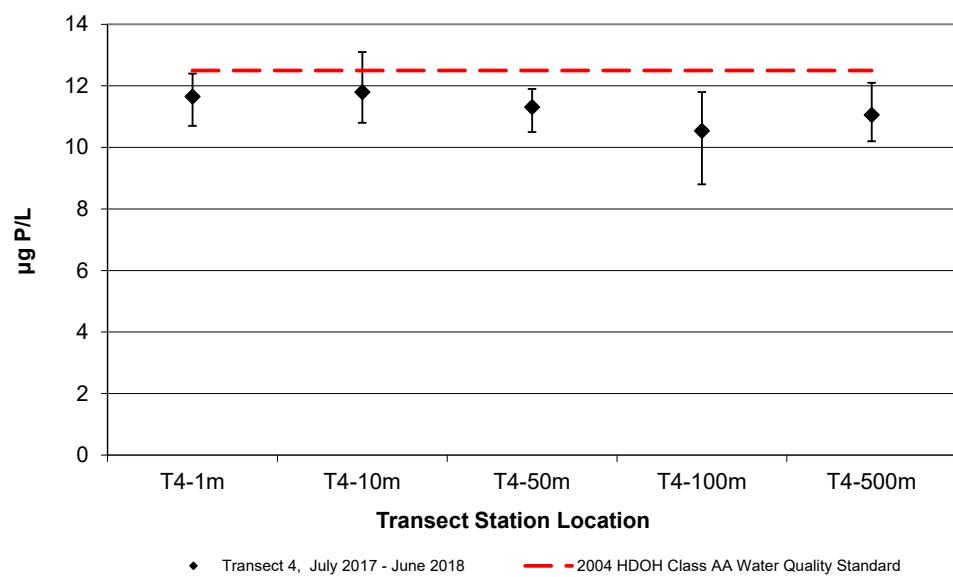
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



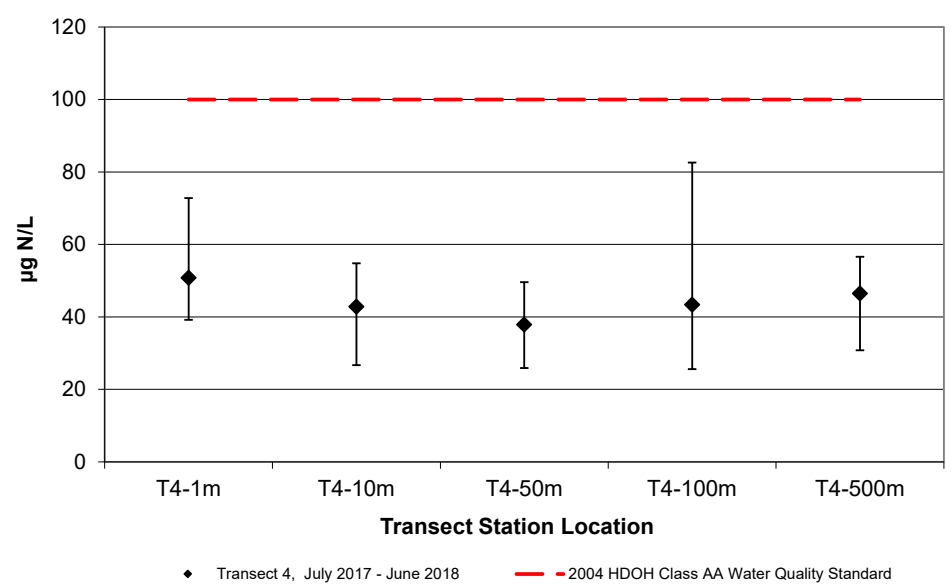
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

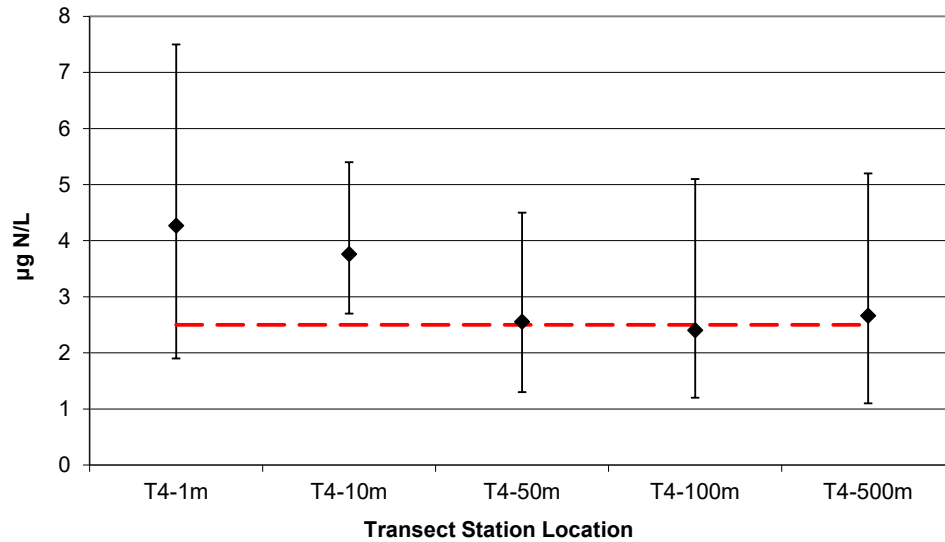


NELHA Water Quality Laboratory

Transect 4

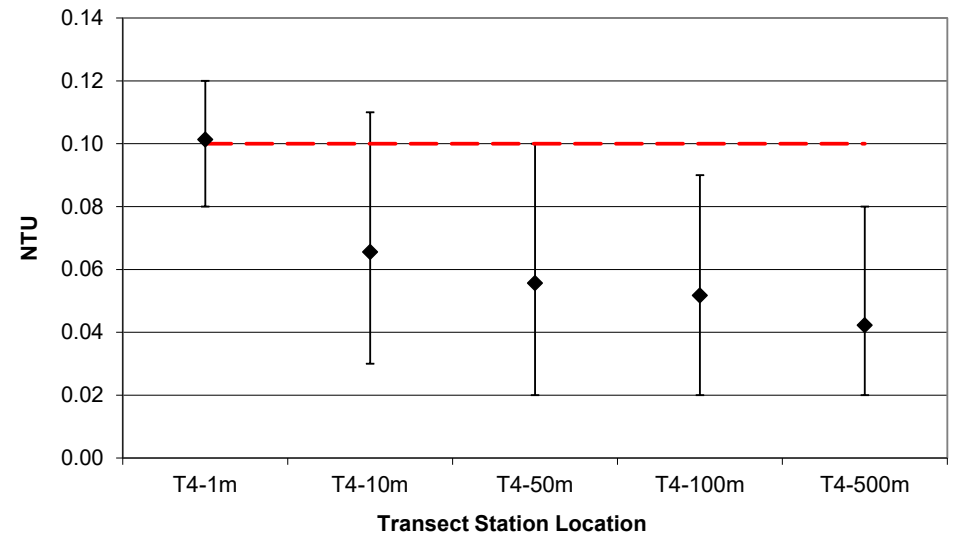
July 2017 - June 2018

Transect 4 Station Summary
Total Ammonia Geometric Mean



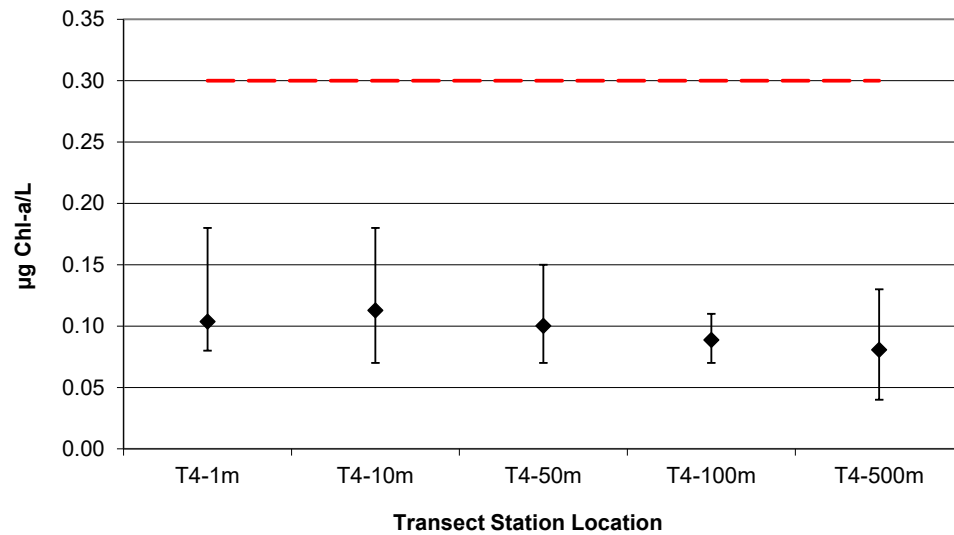
◆ Transect 4, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2017 - June 2018 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2016 - June 2017

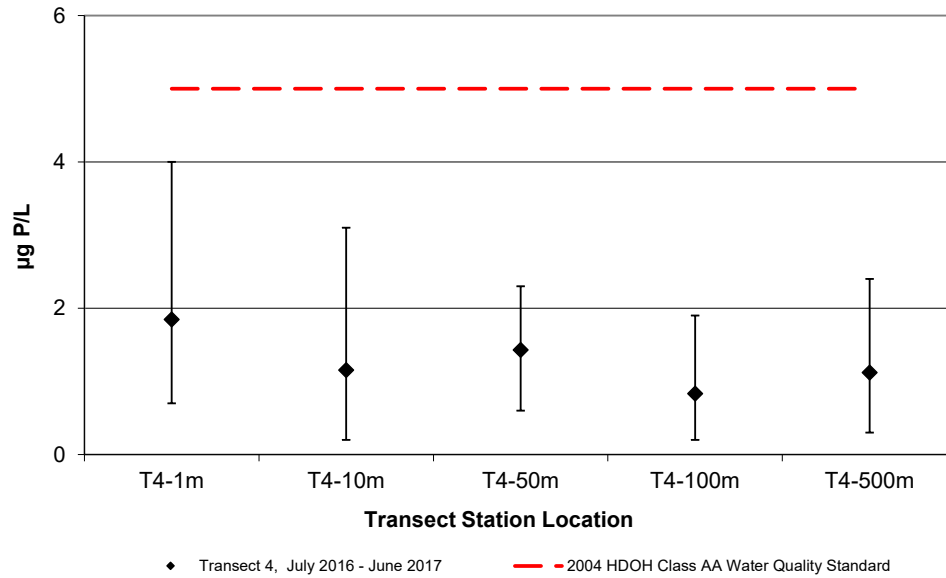
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	7/7/16	930	0.4	Ebb	0.13	4.0	0.14	1.9	0.59	8.3	0.9	26	0.46	14.1	3.6	50	0.14	34.67	26.8	8.30	6.89	0.17
T4-1m	12/21/16	931	1.5	Flood	0.10	3.2	0.58	8.1	0.19	2.7	2.2	62	0.37	11.4	3.9	55	0.04	34.60	25.4	8.25	6.08	0.12
T4-1m	3/1/17	1100	0.0	Low	0.04	1.3	0.63	8.8	0.14	1.9	1.3	38	0.33	10.3	4.9	68	0.09	34.74	24.6	8.23	5.97	0.12
T4-1m	5/10/17	1028	0.0	Flood	0.02	0.7	0.60	8.4	0.09	1.2	2.4	68	0.22	6.9	4.8	67	0.10	34.76	25.9	8.24	4.27	0.08
Geomean	FY '17				0.06	1.8	0.41	5.8	0.2	2.7	1.6	45.0	0.3	10.3	4.3	60	0.08					0.12
T4-10m	7/7/16	935	0.4	Ebb	0.10	3.1	0.17	2.4	0.36	5.1	0.4	10	0.46	14.2	3.2	45	0.11	34.68	26.9	8.31	6.95	0.20
T4-10m	12/21/16	937	1.5	Flood	0.08	2.4	0.41	5.7	0.22	3.1	2.1	59	0.35	10.7	2.8	39	0.05	34.65	25.4	8.25	5.80	0.14
T4-10m	3/1/17	1056	0.0	Low	0.04	1.2	0.59	8.2	0.17	2.4	1.2	35	0.32	10.0	4.8	67	0.10	34.75	24.6	8.23	6.00	0.13
T4-10m	5/10/17	1035	0.0	Flood	0.01	0.2	0.56	7.9	0.10	1.4	2.3	65	0.28	8.7	3.6	51	0.09	34.78	25.8	8.25	4.27	0.14
Geomean	FY '17				0.04	1.2	0.39	5.5	0.19	2.7	1.2	34.2	0.35	10.7	3.5	49	0.08					0.15
T4-50m	7/7/16	941	0.4	Ebb	0.06	1.9	0.27	3.8	0.16	2.2	0.5	13	0.41	12.8	1.9	26	0.08	34.72	27.1	8.32	6.88	0.25
T4-50m	12/21/16	943	1.5	Flood	0.07	2.3	0.31	4.4	0.01	0.1	1.7	47	0.35	10.7	3.0	42	0.04	34.66	25.4	8.26	5.89	0.14
T4-50m	3/1/17	1050	0.0	Low	0.02	0.6	0.23	3.2	0.06	0.8	0.5	14	0.31	9.5	4.8	67	0.09	34.76	24.6	8.23	6.50	0.16
T4-50m	5/10/17	1040	0.0	Flood	0.05	1.6	0.14	2.0	0.13	1.8	0.7	20	0.23	7.2	3.2	44	0.09	34.79	25.8	8.25	4.29	0.08
Geomean	FY '17				0.05	1.4	0.23	3.2	0.05	0.8	0.7	20.3	0.32	9.8	3.0	42	0.07					0.15
T4-100m	7/7/16	947	0.4	Ebb	0.06	1.8	0.27	3.8	0.15	2.1	0.3	8	0.44	13.5	4.3	61	0.07	34.71	26.9	8.30	6.72	0.23
T4-100m	12/21/16	951	1.5	Flood	0.06	1.9	0.42	5.9	0.34	4.8	3.3	92	0.35	10.8	4.2	59	0.04	34.67	25.4	8.25	5.77	0.14
T4-100m	3/1/17	1044	0.0	Low	0.01	0.2	0.17	2.4	0.02	0.3	0.5	15	0.29	9.0	4.8	68	0.09	34.77	24.6	8.23	5.89	0.10
T4-100m	5/10/17	1046	0.0	Flood	0.02	0.7	0.26	3.6	0.20	2.8	1.3	38	0.23	7.2	4.8	67	0.06	34.82	25.8	8.23	4.24	0.09
Geomean	FY '17				0.03	0.8	0.27	3.7	0.12	1.7	0.9	25.6	0.32	9.9	4.5	63	0.06					0.13
T4-500m	7/7/16	955	0.4	Ebb	0.06	2.0	0.26	3.7	0.21	2.9	0.6	16	0.47	14.7	2.76	39	0.11	34.71	27.1	8.33	6.71	0.33
T4-500m	12/21/16	1000	1.5	Flood	0.04	1.1	0.06	0.9	0.49	6.9	1.2	33	0.33	10.1	2.57	36	0.05	34.67	25.6	8.27	5.96	0.14
T4-500m	3/1/17	1033	0.0	Low	0.01	0.3	0.07	1.0	0.01	0.2	0.2	6	0.28	8.7	3.84	54	0.09	34.72	24.6	8.23	6.21	0.20
T4-500m	5/10/17	1052	0.0	Flood	0.08	2.4	0.01	0.1	0.16	2.3	0.2	5	0.21	6.5	2.36	33	0.09	34.85	26.1	8.23	4.05	0.05
Geomean	FY '17				0.04	1.1	0.05	0.8	0.12	1.7	0.4	10.9	0.31	9.6	2.8	40	0.08					0.15

NELHA Water Quality Laboratory

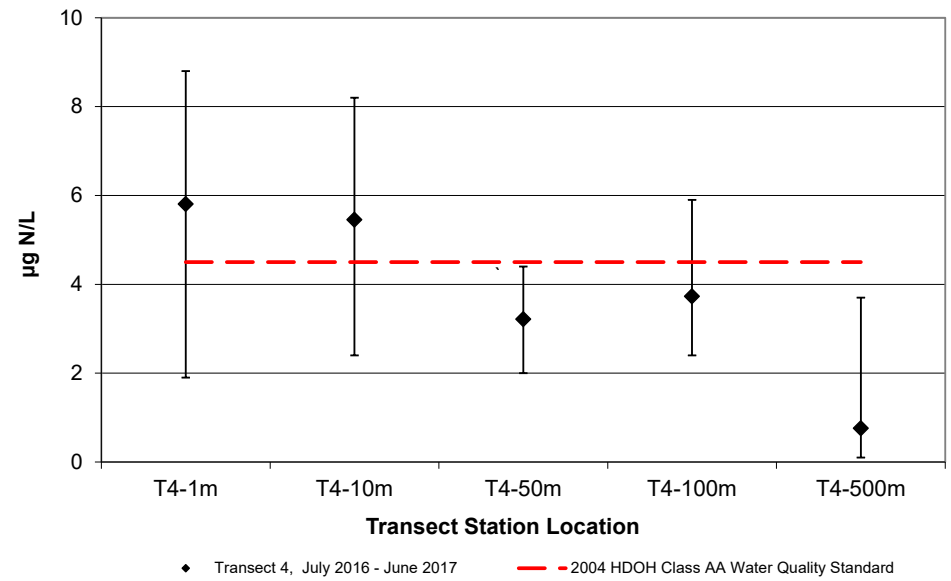
Transect 4

July 2016 - June 2017

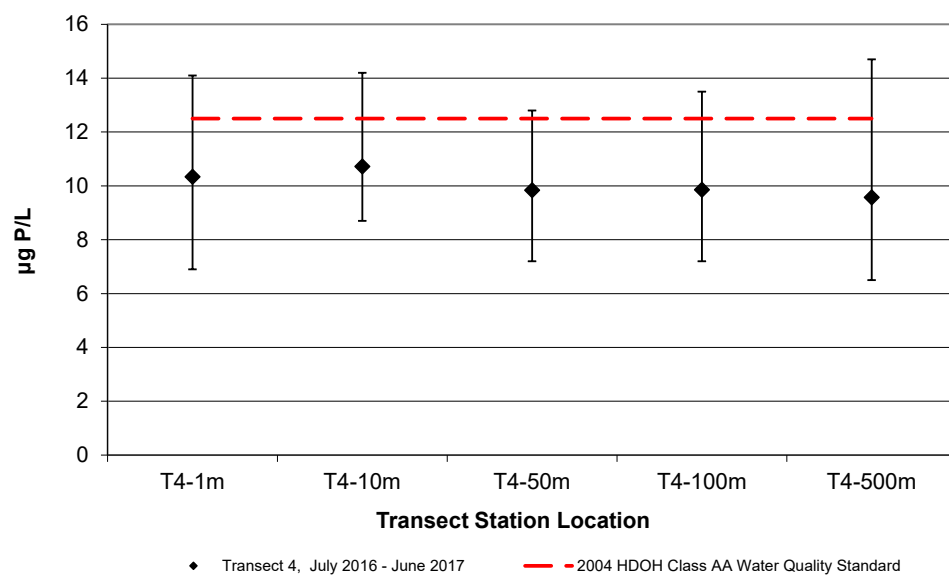
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



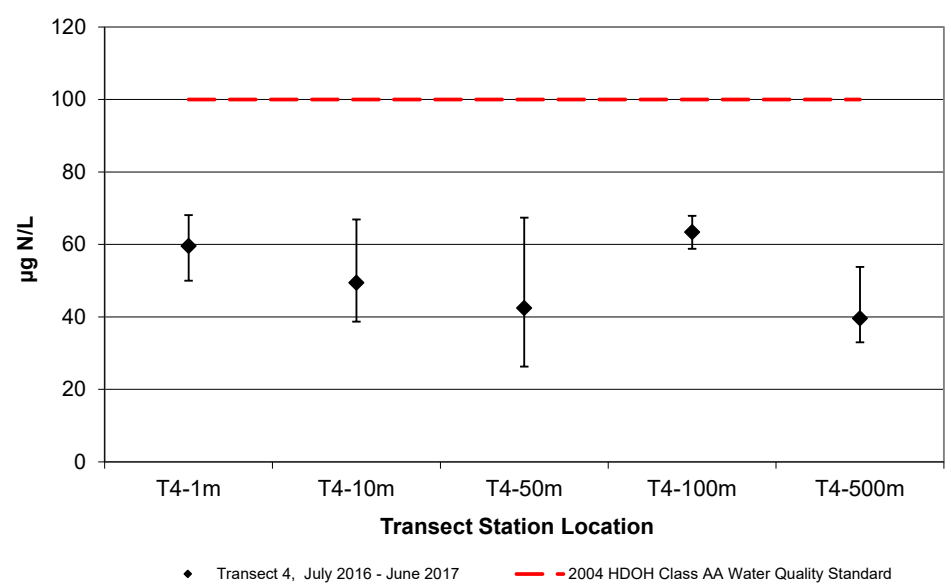
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

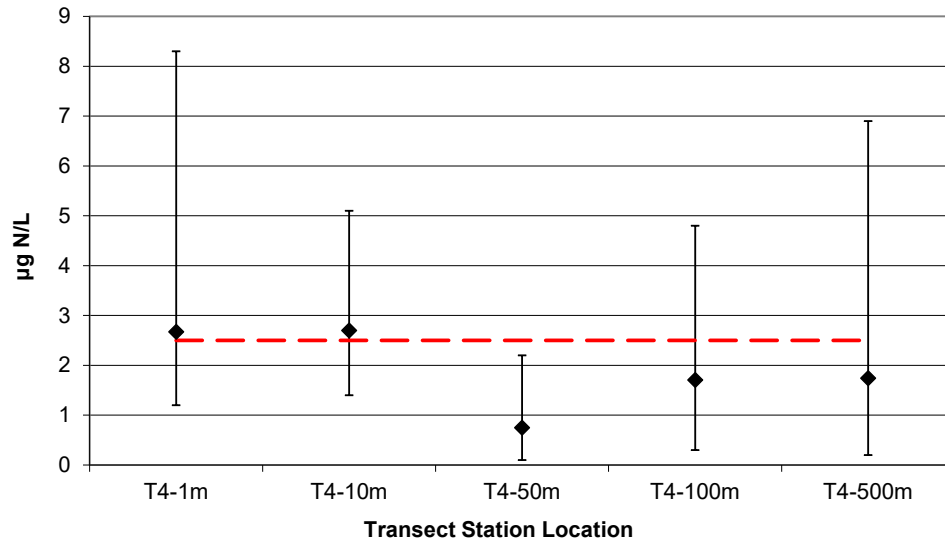


NELHA Water Quality Laboratory

Transect 4

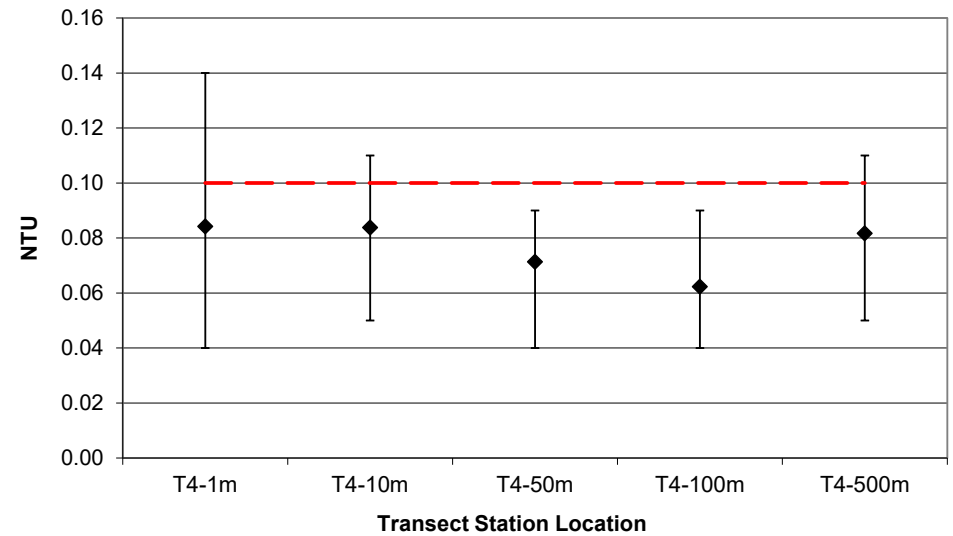
July 2016 - June 2017

Transect 4 Station Summary
Total Ammonia Geometric Mean



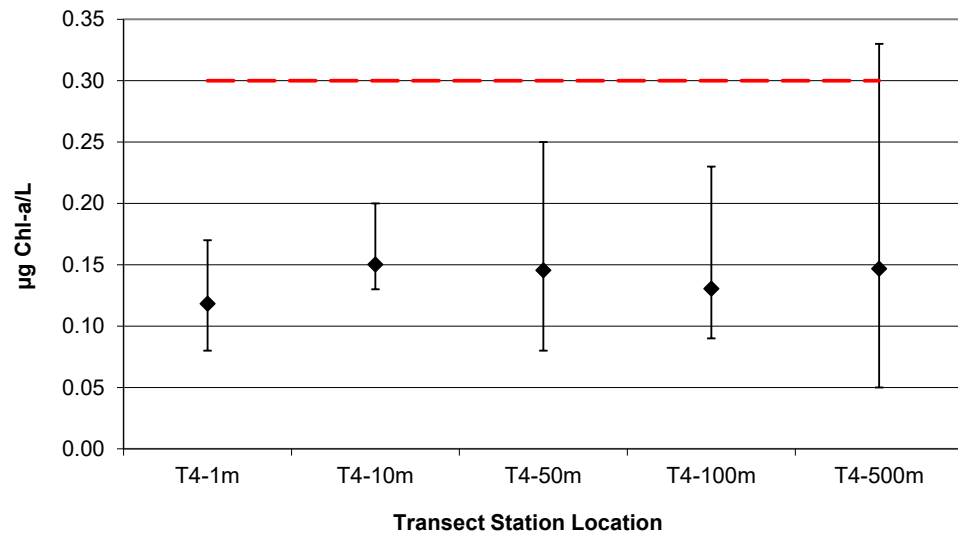
◆ Transect 4, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2016 - June 2017 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2015 - June 2016

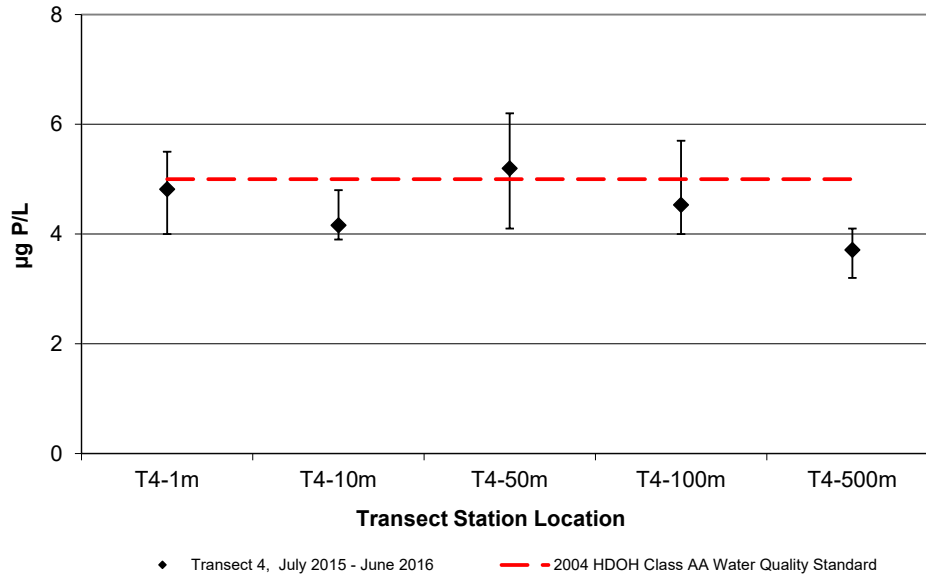
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T4-1m	8/29/15	933	-0.2 Low	0.16 4.9	0.24 3.4	0.31 4.3	7.1 200	0.27 8.5	5.4 75	0.06	34.49	28.5	8.20	6.25	0.20
T4-1m	11/18/15	944	1.9 High	0.16 5.0	0.53 7.4	0.14 2.0	3.0 84	0.54 16.7	7.2 100	0.08	34.63	27.3	8.27	6.90	0.17
T4-1m	3/2/16	836	0.8 Flood	0.18 5.5	0.43 6.0	0.27 3.8	0.0 0	0.56 17.2	5.7 79	0.09	34.69	25.2	8.24	5.89	0.16
T4-1m	5/4/16	919	-0.2 Flood	0.13 4.0	0.21 2.9	0.18 2.5	1.0 28	0.37 11.4	6.7 94	0.10	34.65	25.8	8.19	6.22	0.16
Geomean FY '16				0.16 4.8	0.33 4.6	0.2 3.0		0.4 12.9	6.2 87	0.08					0.17
T4-10m	8/29/15	936	-0.2 Low	0.13 3.9	0.26 3.7	0.31 4.4	7.3 205	0.13 4.1	5.4 76	0.04	34.63	28.5	8.20	5.97	0.24
T4-10m	11/18/15	950	1.9 High	0.13 4.0	0.64 8.9	0.34 4.7	4.2 119	0.49 15.3	6.5 91	0.07	34.63	27.3	8.26	6.75	0.15
T4-10m	3/2/16	841	0.8 Flood	0.15 4.8	0.31 4.3	0.17 2.4	0.1 2	0.49 15.2	4.8 67	0.07	34.70	25.2	8.23	5.87	0.11
T4-10m	5/4/16	925	-0.2 Flood	0.13 4.0	0.11 1.5	0.10 1.4	0.6 17	0.45 13.9	4.9 69	0.10	34.68	25.8	8.19	6.08	0.12
Geomean FY '16				0.13 4.2	0.27 3.8	0.21 2.9		0.35 10.7	5.3 75	0.07					0.15
T4-50m	8/29/15	940	-0.2 Low	0.20 6.2	0.26 3.6	0.27 3.8	4.3 121	0.35 10.9	6.9 96	0.04	34.64	28.5	8.24	6.01	0.11
T4-50m	11/18/15	957	1.9 High	0.13 4.1	0.50 7.0	0.29 4.0	4.6 130	0.48 14.9	4.6 64	0.02	34.63	27.4	8.27	6.57	0.09
T4-50m	3/2/16	847	0.8 Flood	0.15 4.7	0.32 4.5	0.42 5.9	0.4 11	0.47 14.5	4.2 59	0.08	34.71	25.2	8.23	5.82	0.08
T4-50m	5/4/16	932	-0.2 Flood	0.20 6.1	0.19 2.6	0.21 3.0	0.8 22	0.42 13.1	6.3 89	0.06	34.68	25.8	8.18	6.19	0.15
Geomean FY '16				0.17 5.2	0.30 4.1	0.29 4.0		0.43 13.3	5.4 75	0.04					0.10
T4-100m	8/29/15	945	-0.2 Low	0.13 4.0	0.28 3.9	0.21 2.9	5.1 142	0.40 12.4	3.8 53	0.02	34.63	28.5	8.24	5.94	0.17
T4-100m	11/18/15	1004	1.9 High	0.14 4.4	0.61 8.5	0.11 1.6	8.7 245	0.49 15.3	4.1 58	0.07	34.65	27.4	8.27	6.69	0.12
T4-100m	3/2/16	851	0.8 Flood	0.14 4.2	0.26 3.6	0.31 4.3	0.8 23	0.46 14.1	3.1 44	0.09	34.69	25.2	8.23	5.87	0.12
T4-100m	5/4/16	938	-0.2 Flood	0.18 5.7	0.12 1.7	0.14 1.9	1.3 37	0.42 12.9	8.0 112	0.08	34.69	25.9	8.19	6.17	0.15
Geomean FY '16				0.15 4.5	0.27 3.8	0.18 2.5		0.44 13.6	4.4 62	0.06					0.14
T4-500m	8/29/15	951	-0.2 Low	0.12 3.7	0.03 0.4	0.18 2.5	1.1 31	0.39 12.2	4.80 67	0.03	34.65	28.6	8.24	5.91	0.14
T4-500m	11/18/15	1050	1.9 High	0.10 3.2	0.44 6.1	0.26 3.7	3.3 93	0.48 15.0	4.32 61	0.04	34.55	27.2	8.22	6.68	0.06
T4-500m	3/2/16	859	0.8 Flood	0.13 3.9	0.23 3.2	0.38 5.3	0.9 26	0.45 13.9	4.11 58	0.06	34.76	25.3	8.24	5.74	0.10
T4-500m	5/4/16	950	-0.2 Flood	0.13 4.1	0.01 0.2	0.23 3.2	0.2 4	0.41 12.6	6.43 90	0.08	34.67	26.0	8.19	6.40	0.13
Geomean FY '16				0.12 3.7	0.08 1.1	0.25 3.5		0.43 13.4	4.8 68	0.05					0.10

NELHA Water Quality Laboratory

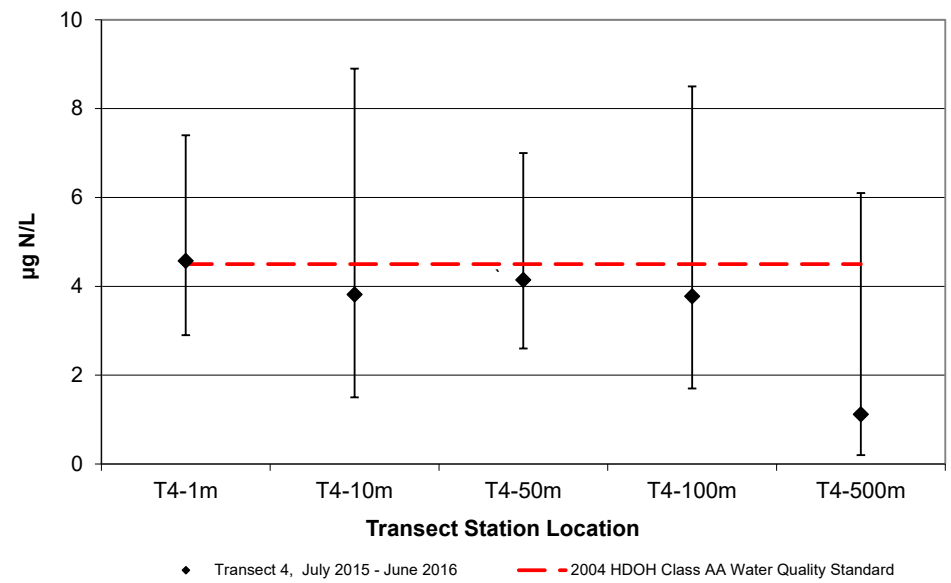
Transect 4

July 2015 - June 2016

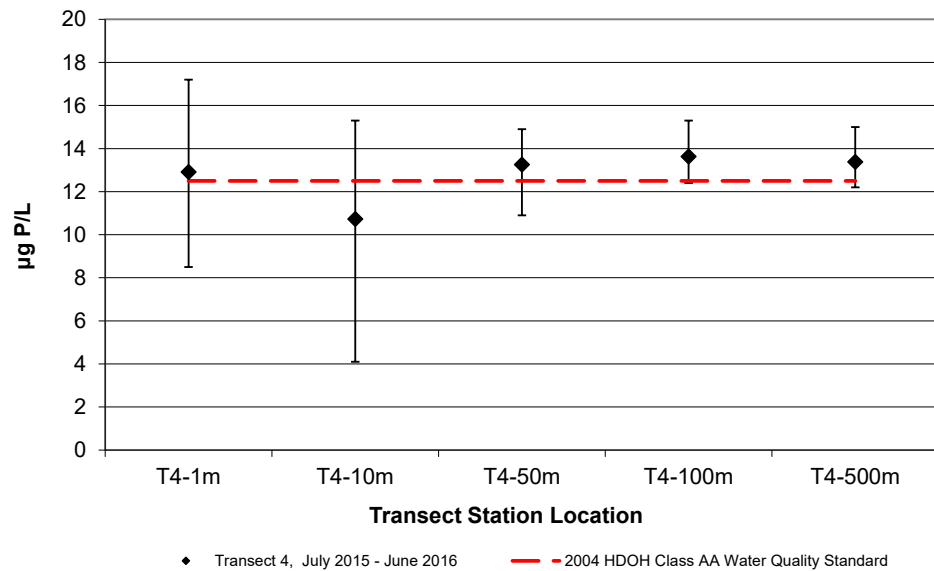
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



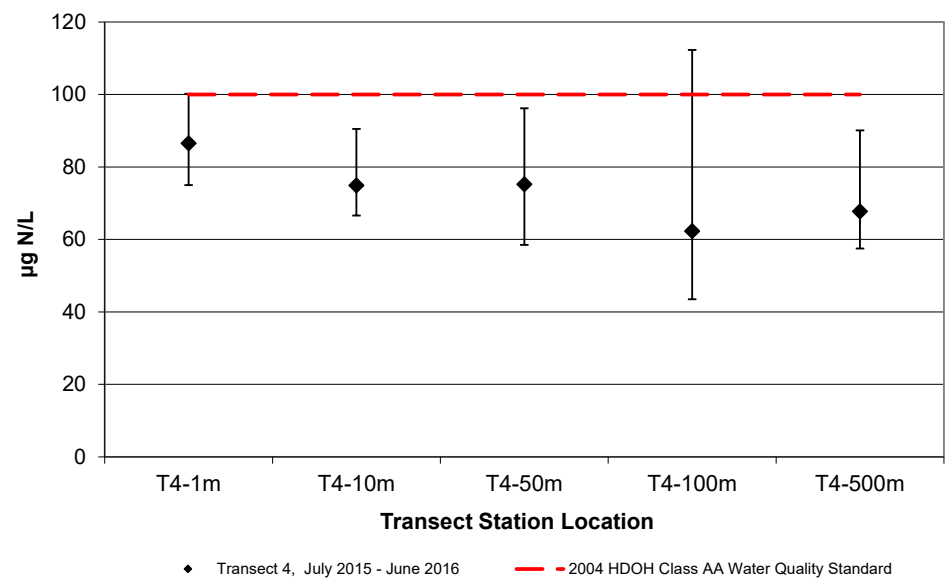
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

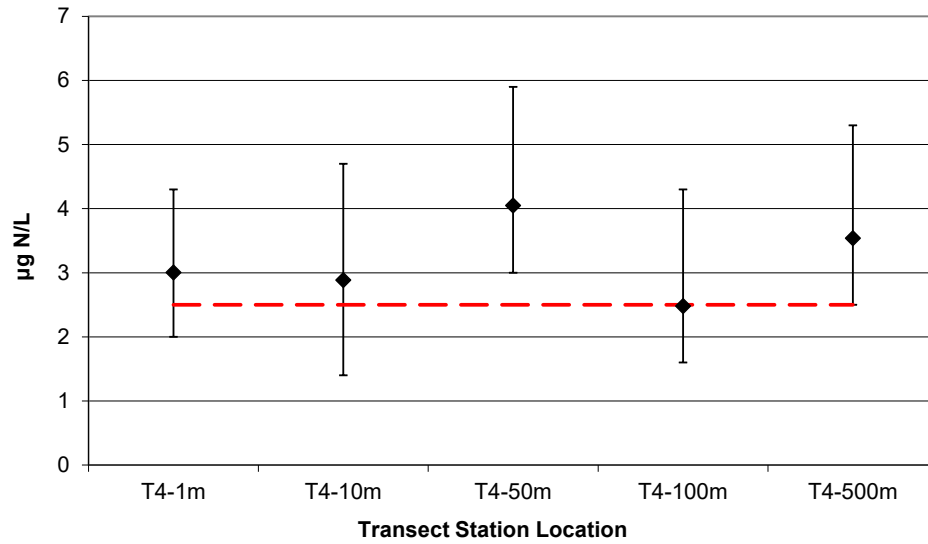


NELHA Water Quality Laboratory

Transect 4

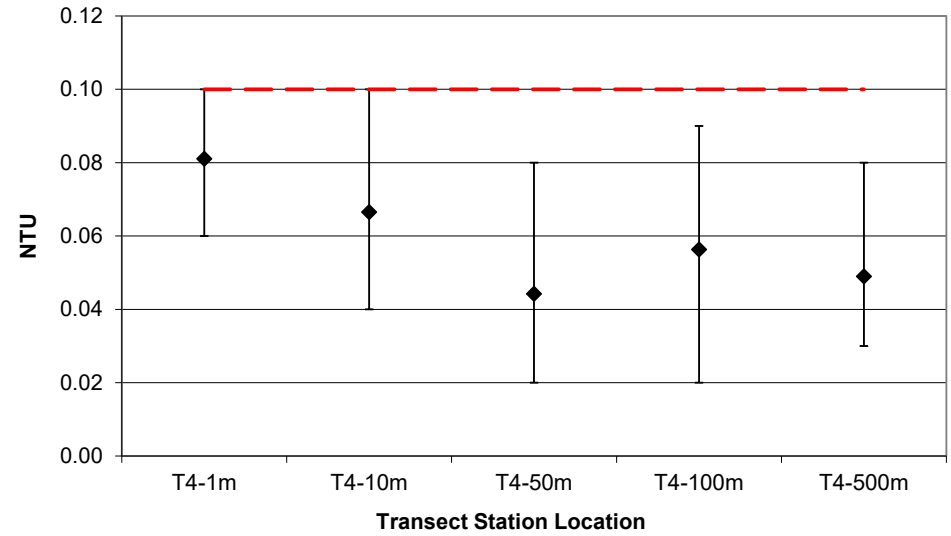
July 2015 - June 2016

Transect 4 Station Summary
Total Ammonia Geometric Mean



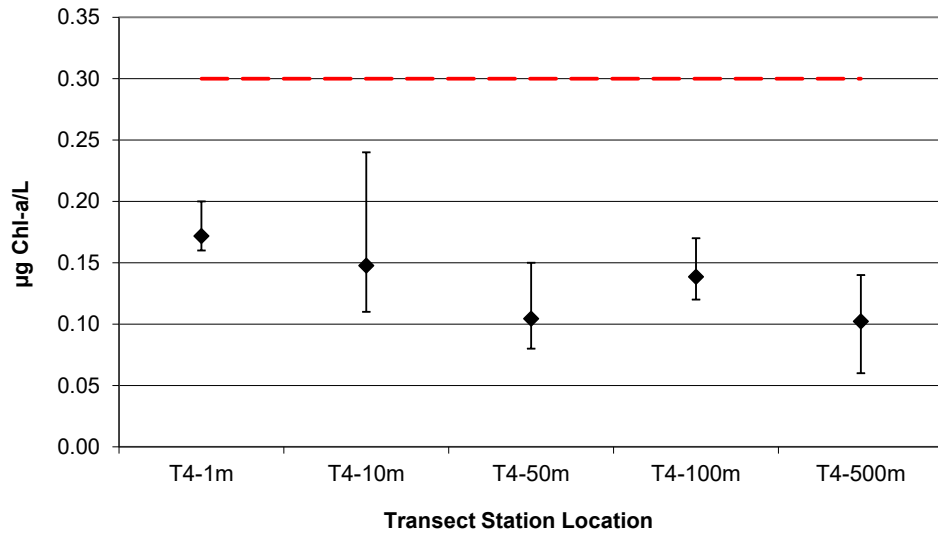
◆ Transect 4, July 2015 - June 2016 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2015 - June 2016 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2015 - June 2016 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2014 - June 2015

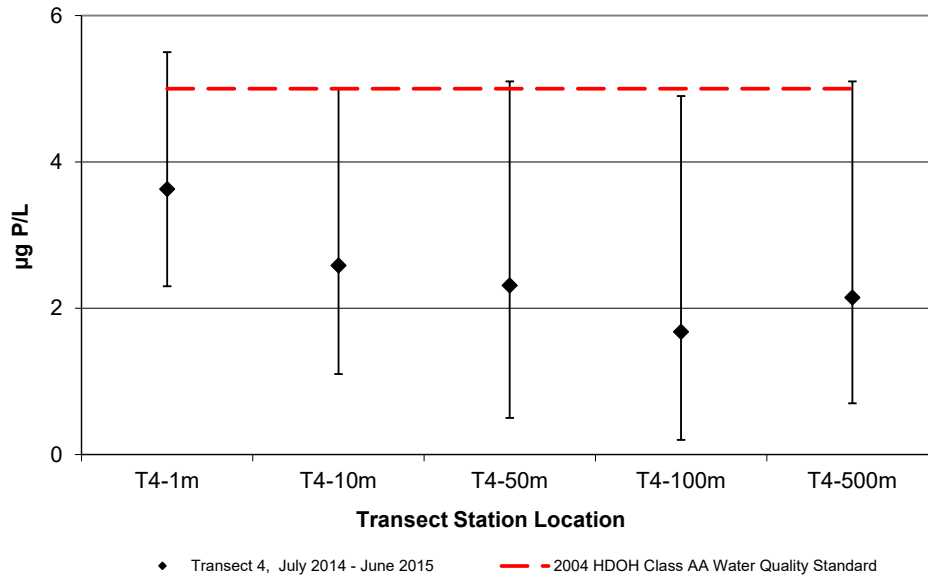
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	8/6/14	919	1.0	Flood	0.18	5.5	0.11	1.5	0.31	4.4	0.8	23	0.50	15.4	6.4	89	0.10	34.92	26.8	8.23	6.51	0.13
T4-1m	12/4/14	941	0.3	Low	0.12	3.8	0.15	2.1	0.43	6.0	0.7	19	0.46	14.3	9.2	130	0.13	35.19	26.4	8.24	6.26	0.16
T4-1m	3/5/15	932	0.0	Ebb	0.07	2.3	0.55	7.7	0.41	5.8	1.2	34	0.26	8.0	7.6	106	0.11	34.72	25.4	8.20	6.88	0.14
T4-1m	6/18/15	919	0.0	Ebb	0.12	3.6	0.64	9.0	0.34	4.7	2.5	71	0.14	4.2	8.0	113	0.10	34.38	26.7	8.14	6.63	0.11
Geomean	FY '15				0.12	3.6	0.27	3.8	0.4	5.2			0.3	9.3	7.7	108	0.11					0.13
T4-10m	8/6/14	922	1.0	Flood	0.16	5.0	0.08	1.1	0.27	3.8	0.8	22	0.53	16.5	5.4	76	0.06	34.93	26.8	8.23	6.55	0.13
T4-10m	12/4/14	945	0.3	Low	0.10	3.0	0.12	1.7	0.51	7.1	0.5	15	0.36	11.3	6.6	92	0.07	35.20	26.4	8.23	6.38	0.14
T4-10m	3/5/15	936	0.0	Ebb	0.04	1.1	0.17	2.4	0.42	5.9	0.5	14	0.32	10.0	7.9	111	0.10	34.73	25.4	8.22	6.75	0.09
T4-10m	6/18/15	924	0.0	Ebb	0.09	2.7	0.50	7.0	0.19	2.7	2.4	67	0.36	11.2	6.0	84	0.08	34.41	26.7	8.13	6.56	0.11
Geomean	FY '15				0.08	2.6	0.17	2.4	0.33	4.6			0.39	12.0	6.4	90	0.08					0.12
T4-50m	8/6/14	927	1.0	Flood	0.16	5.1	0.06	0.8	0.24	3.4	0.8	22	0.47	14.7	3.5	49	0.05	34.93	26.9	8.23	6.54	0.11
T4-50m	12/4/14	952	0.3	Low	0.10	3.2	0.12	1.7	0.54	7.6	0.6	16	0.40	12.3	6.0	84	0.11	35.21	26.4	8.23	6.23	0.17
T4-50m	3/5/15	942	0.0	Ebb	0.02	0.5	0.15	2.1	0.24	3.3	0.5	15	0.31	9.7	6.5	91	0.08	34.70	25.4	8.22	6.80	0.09
T4-50m	6/18/15	928	0.0	Ebb	0.11	3.5	0.19	2.6	0.13	1.8	2.7	77	0.16	4.9	7.3	103	0.06	34.41	26.6	8.12	6.36	0.09
Geomean	FY '15				0.07	2.3	0.12	1.7	0.25	3.5			0.31	9.6	5.6	79	0.07					0.11
T4-100m	8/6/14	931	1.0	Flood	0.16	4.9	0.01	0.2	0.28	3.9	0.5	14	0.49	15.3	4.2	59	0.07	34.96	27.0	8.22	6.50	0.11
T4-100m	12/4/14	1000	0.3	Low	0.09	2.9	0.01	0.2	0.52	7.3	0.2	4	0.44	13.5	7.4	104	0.05	35.23	26.4	8.24	6.26	0.13
T4-100m	3/5/15	952	0.0	Ebb	0.01	0.2	0.04	0.5	0.26	3.6	0.1	4	0.31	9.5	5.3	74	0.09	34.69	25.4	8.24	6.89	0.11
T4-100m	6/18/15	933	0.0	Ebb	0.09	2.8	0.65	9.1	0.23	3.2	2.6	72	0.28	8.7	6.6	93	0.07	34.42	26.6	8.14	6.51	0.16
Geomean	FY '15				0.05	1.7	0.05	0.7	0.30	4.3			0.37	11.4	5.8	81	0.07					0.13
T4-500m	8/6/14	938	1.1	Flood	0.16	5.1	0.02	0.3	0.36	5.0	0.4	12	0.48	15.0	4.89	69	0.04	35.01	27.0	8.22	6.43	0.07
T4-500m	12/4/14	1008	0.3	Low	0.09	2.7	0.01	0.2	0.38	5.3	0.0	0	0.25	7.8	6.29	88	0.11	35.25	26.5	8.24	6.35	0.10
T4-500m	3/5/15	959	-0.1	Ebb	0.02	0.7	0.01	0.1	0.18	2.5	0.1	4	0.30	9.2	5.12	72	0.07	34.73	25.4	8.24	6.84	0.08
T4-500m	6/18/15	940	0.0	Ebb	0.07	2.2	0.21	2.9	0.26	3.6	1.9	53	0.28	8.6	5.40	76	0.06	34.48	26.9	8.14	6.40	0.08
Geomean	FY '15				0.07	2.1	0.03	0.4	0.28	3.9			0.32	9.8	5.4	76	0.07					0.08

NELHA Water Quality Laboratory

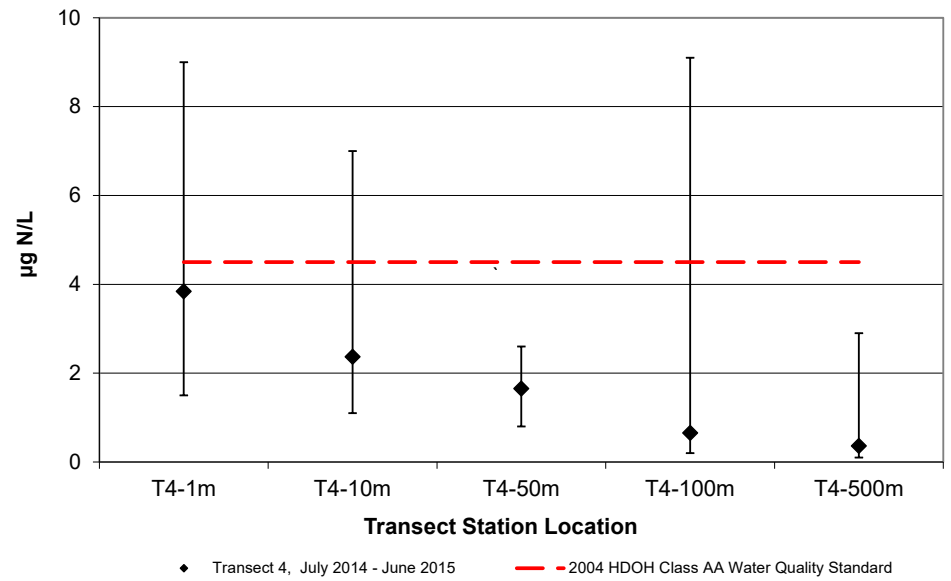
Transect 4

July 2014 - June 2015

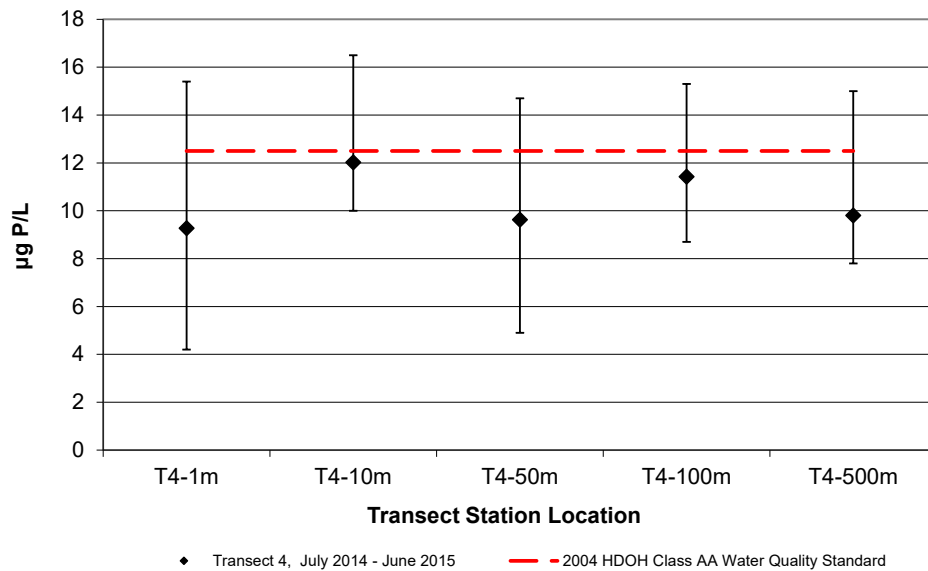
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



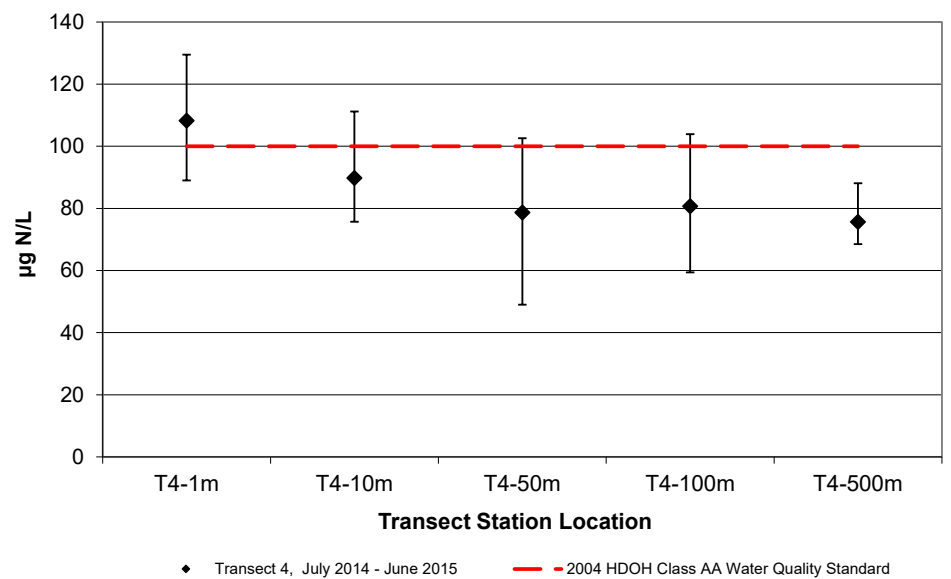
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

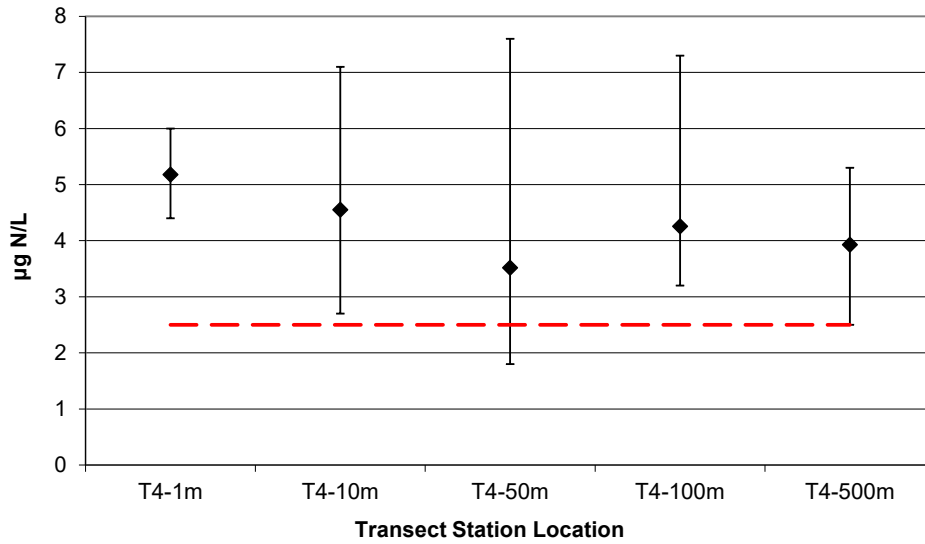


NELHA Water Quality Laboratory

Transect 4

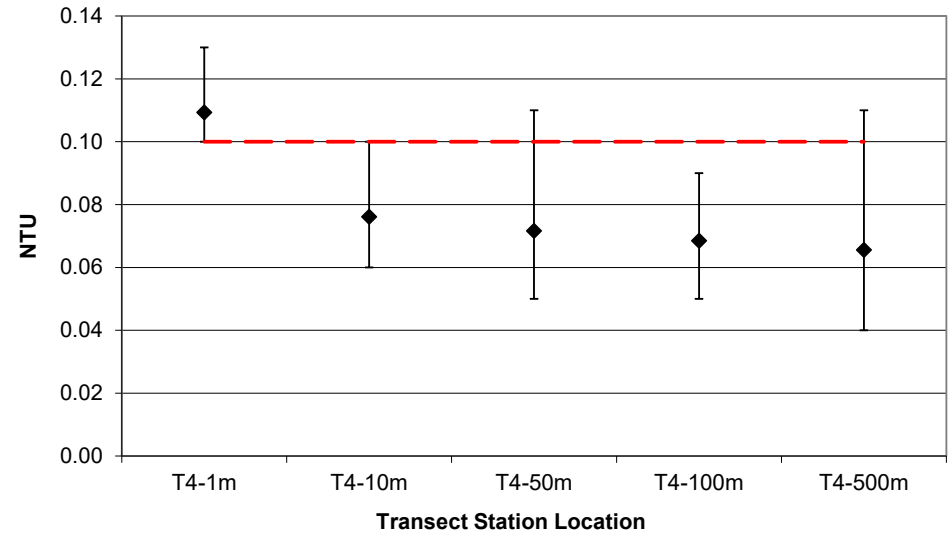
July 2014 - June 2015

Transect 4 Station Summary
Total Ammonia Geometric Mean



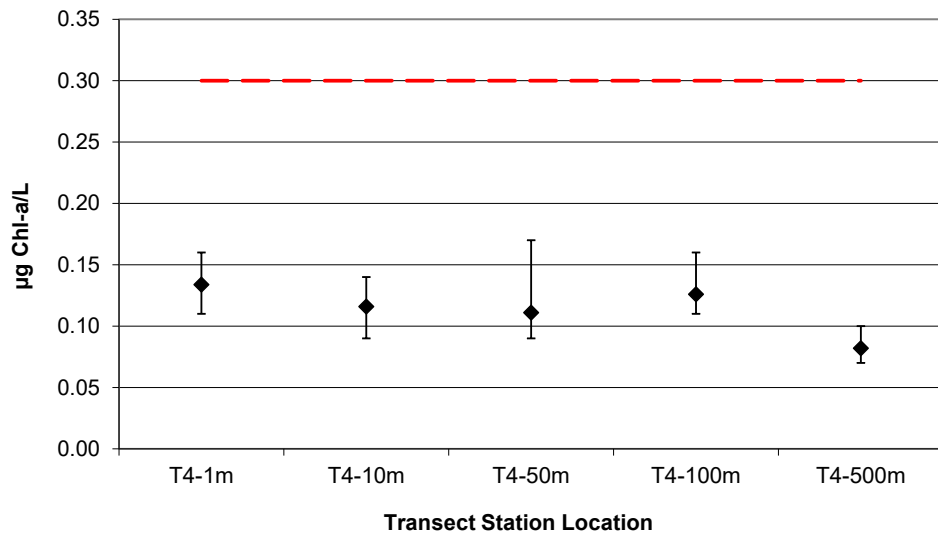
◆ Transect 4, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2014 - June 2015 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2013 - June 2014

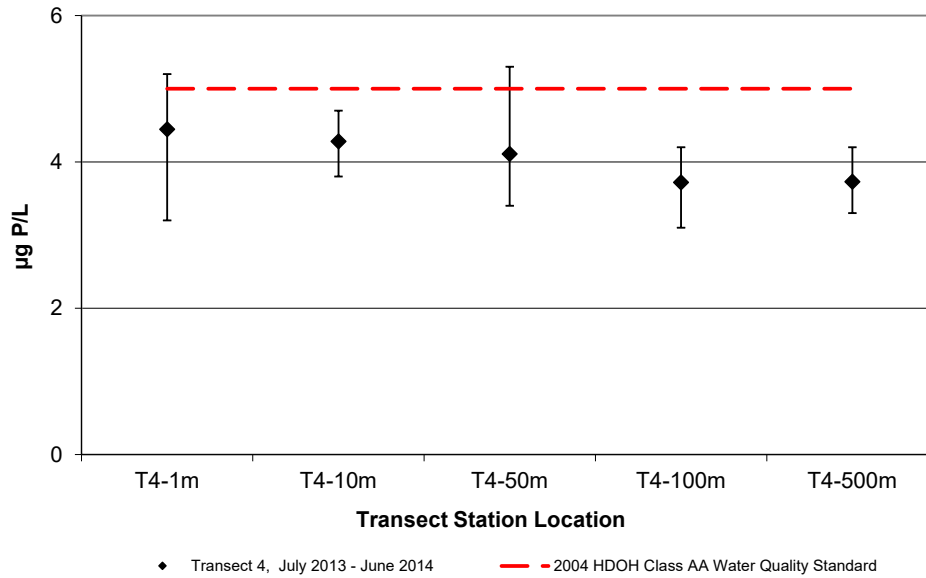
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T4-1m	8/6/13	929	0.0 Low	0.10 3.2	0.01 0.2	0.11 1.5	2.8 79	0.38 11.8	7.0 99	0.11	35.11	26.3	8.26	7.09	0.17
T4-1m	10/30/13	909	0.7 Flood	0.15 4.7	0.34 4.8	0.22 3.1	1.7 47	0.47 14.6	6.4 90	0.08	34.92	27.0	8.23	5.81	0.17
T4-1m	2/5/14	928	1.0 Ebb	0.17 5.2	0.34 4.8	0.28 3.9	2.3 64	0.46 14.1	5.6 78	0.02	34.93	25.2	8.21	6.48	0.08
T4-1m	5/7/14	923	0.6 Flood	0.16 5.0	0.49 6.9	0.34 4.7	1.7 47	0.47 14.6	8.8 123	0.11	34.75	25.7	8.20	5.87	0.12
Geomean FY '14				0.14 4.4	0.17 2.4	0.2 3.0		0.4 13.7	6.9 96	0.07					0.13
T4-10m	8/6/13	934	0.0 Low	0.12 3.8	0.02 0.3	0.00 0.1	2.4 67	0.38 11.8	7.4 104	0.10	35.14	26.3	8.26	7.10	0.14
T4-10m	10/30/13	913	0.7 Flood	0.15 4.7	0.33 4.6	0.37 5.2	1.5 43	0.46 14.4	5.9 82	0.02	34.91	27.0	8.23	5.87	0.18
T4-10m	2/5/14	933	1.0 Ebb	0.15 4.7	0.41 5.7	0.34 4.7	2.3 66	0.41 12.6	5.4 76	0.02	34.94	25.2	8.20	6.33	0.15
T4-10m	5/7/14	929	0.6 Flood	0.13 4.0	0.46 6.5	0.20 2.8	1.5 42	0.69 21.5	7.2 101	0.08	34.76	25.7	8.21	5.87	0.14
Geomean FY '14				0.14 4.3	0.19 2.7	0.10 1.4		0.47 14.6	6.4 90	0.04					0.15
T4-50m	8/6/13	940	0.0 Low	0.11 3.4	0.12 1.7	0.14 1.9	2.0 55	0.40 12.5	8.3 116	0.07	35.17	26.3	8.27	6.99	0.11
T4-50m	10/30/13	916	0.7 Flood	0.17 5.3	0.53 7.4	0.24 3.3	2.6 74	0.47 14.7	5.2 72	0.02	34.86	27.0	8.23	5.85	0.10
T4-50m	2/5/14	937	1.0 Ebb	0.14 4.4	0.29 4.0	0.28 3.9	2.5 71	0.50 15.4	4.1 58	0.02	34.92	25.1	8.20	6.24	0.14
T4-50m	5/7/14	933	0.6 Flood	0.12 3.6	0.29 4.1	0.15 2.1	1.6 45	0.56 17.5	7.0 98	0.07	34.79	25.8	8.21	5.67	0.15
Geomean FY '14				0.13 4.1	0.27 3.8	0.19 2.7		0.48 14.9	5.9 83	0.04					0.12
T4-100m	8/6/13	946	0.0 Low	0.11 3.5	0.01 0.1	0.20 2.8	0.5 15	0.36 11.3	5.3 74	0.02	35.21	26.6	8.27	7.01	0.05
T4-100m	10/30/13	921	0.7 Flood	0.14 4.2	0.22 3.1	0.14 2.0	1.8 49	0.43 13.4	5.5 77	0.08	34.90	27.0	8.23	5.80	0.17
T4-100m	2/5/14	941	1.0 Ebb	0.14 4.2	0.23 3.2	0.24 3.3	2.5 70	0.46 14.3	5.4 75	0.02	34.94	25.1	8.20	6.28	0.12
T4-100m	5/7/14	938	0.6 Flood	0.10 3.1	0.06 0.8	0.11 1.5	0.9 27	0.46 14.1	6.3 88	0.10	34.33	26.0	8.21	5.59	0.13
Geomean FY '14				0.12 3.7	0.07 0.9	0.16 2.3		0.43 13.2	5.6 79	0.04					0.11
T4-500m	8/6/13	949	0.0 Low	0.11 3.4	0.01 0.1	0.08 1.2	0.5 14	0.34 10.4	5.50 77	0.05	35.20	26.9	8.27	6.99	0.08
T4-500m	10/30/13	927	0.7 Flood	0.13 4.1	0.06 0.8	0.15 2.1	1.1 31	0.52 16.1	5.90 83	0.02	34.91	27.1	8.23	5.97	0.23
T4-500m	2/5/14	947	0.9 Ebb	0.14 4.2	0.09 1.2	0.59 8.3	1.4 41	0.46 14.3	5.88 82	0.02	34.97	25.2	8.20	6.20	0.13
T4-500m	5/7/14	946	0.7 Flood	0.11 3.3	0.05 0.7	0.21 2.9	1.2 33	0.52 16.0	7.23 101	0.03	34.80	25.9	8.21	5.60	0.11
Geomean FY '14				0.12 3.7	0.04 0.5	0.20 2.8		0.45 14.0	6.1 85	0.03					0.13

NELHA Water Quality Laboratory

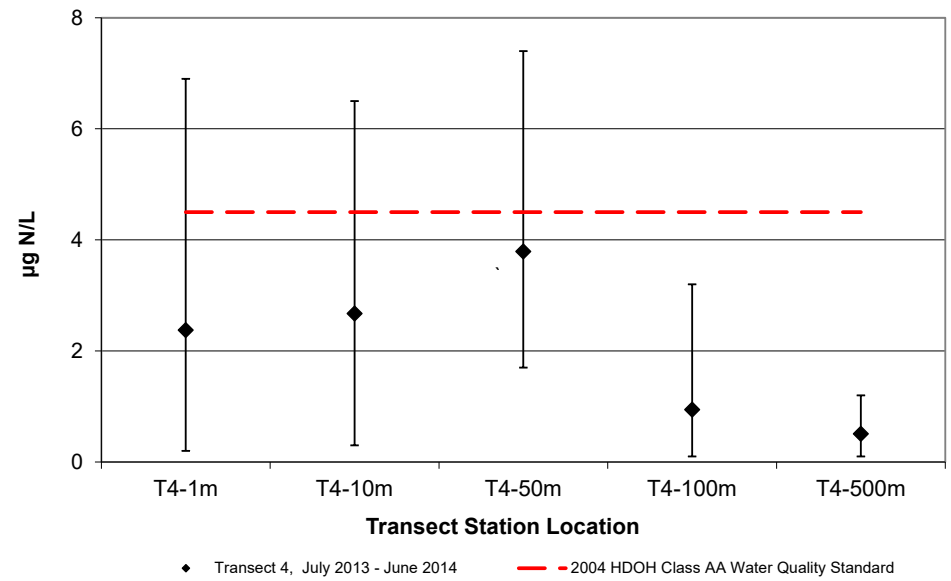
Transect 4

July 2013 - June 2014

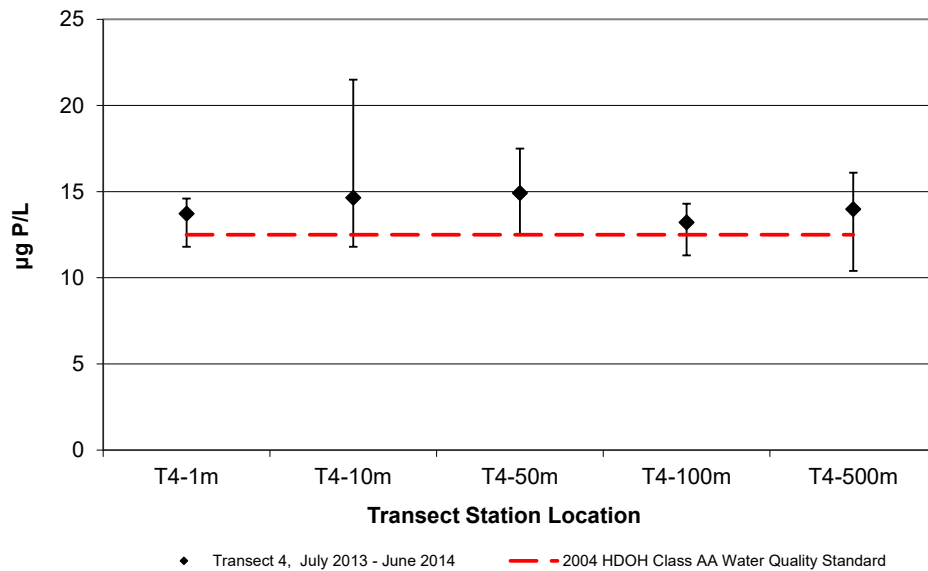
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



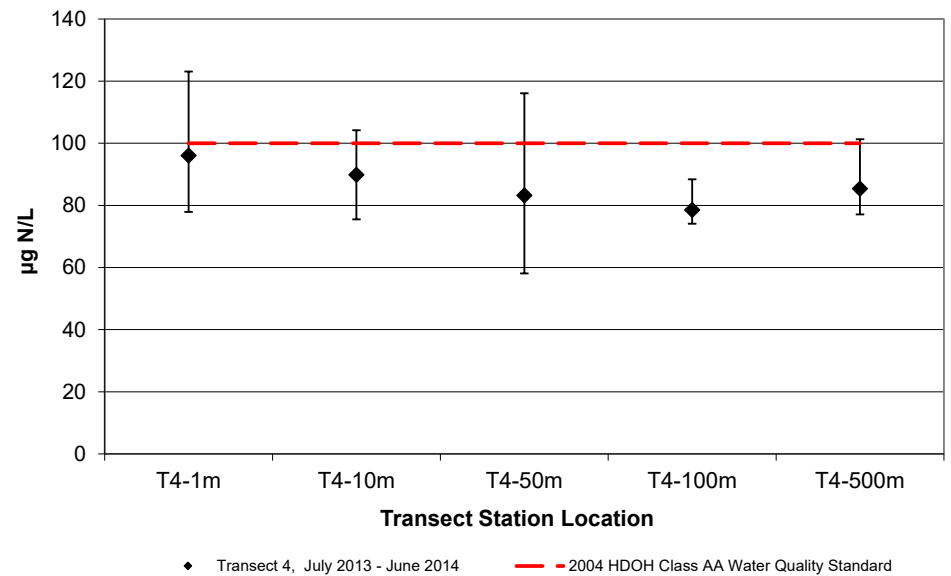
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

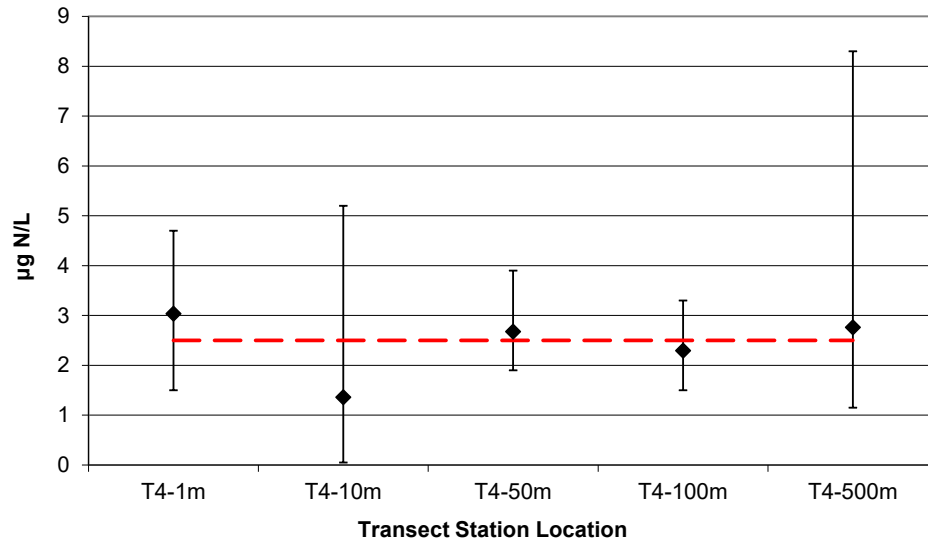


NELHA Water Quality Laboratory

Transect 4

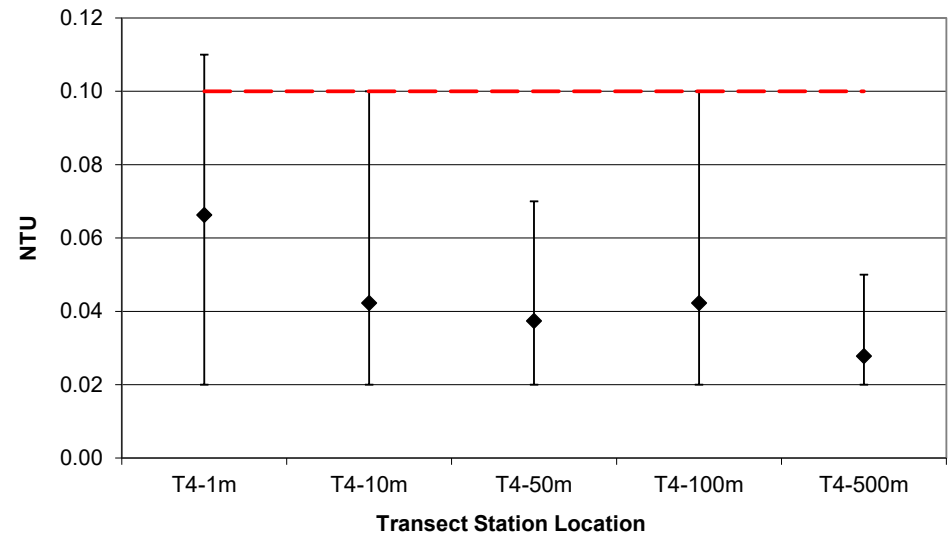
July 2013 - June 2014

Transect 4 Station Summary
Total Ammonia Geometric Mean



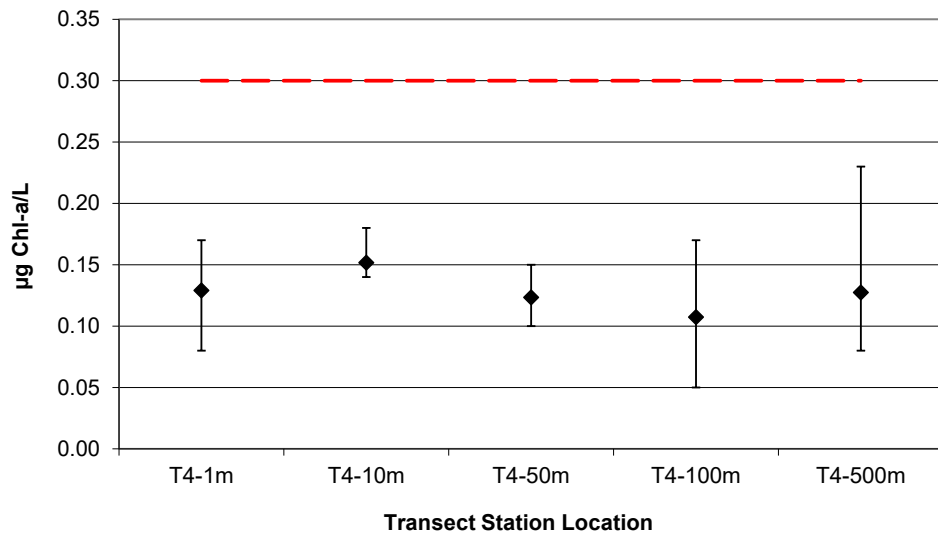
◆ Transect 4, July 2013 - June 2014 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2013 - June 2014 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2013 - June 2014 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2012 - June 2013

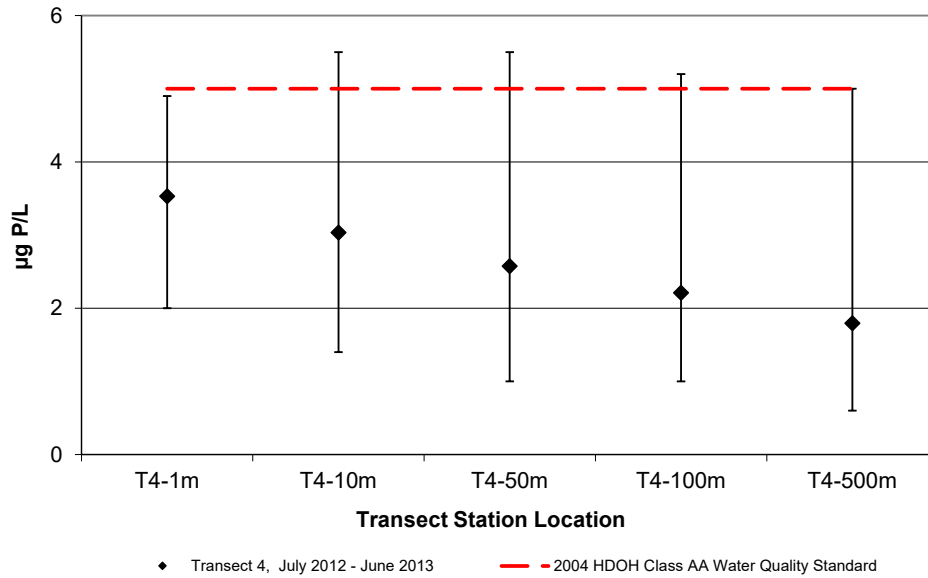
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T4-1m	7/25/12	921		0.06 2.0	0.29 4.0	0.34 4.8	2.3 64	0.42 13.0	5.4 76	0.06	35.02	26.3	8.23	6.84	0.08
T4-1m	11/28/12	924		0.12 3.6	0.19 2.6	0.31 4.4	2.0 57	0.45 13.9	5.7 80	0.10	35.20	25.3	8.20	6.82	0.08
T4-1m	1/24/13	908		0.14 4.4	0.71 9.9	0.14 1.9	3.5 98	0.47 14.5	6.4 90	0.08	35.02	24.7	8.21	6.40	0.09
T4-1m	4/17/13	1021		0.16 4.9	0.53 7.4	0.26 3.6	2.2 62	0.54 16.6	8.5 119	0.09	35.13	25.1	8.22	6.93	0.17
Geomean FY '13				0.11 3.5	0.38 5.3	0.2 3.5		0.5 14.4	6.4 90	0.08					0.10
T4-10m	7/25/12	924		0.05 1.4	0.26 3.7	0.31 4.3	1.7 47	0.36 11.3	4.4 61	0.05	35.02	26.3	8.23	7.08	0.18
T4-10m	11/28/12	928		0.09 2.9	0.19 2.6	0.16 2.2	1.9 53	0.44 13.5	6.2 87	0.04	35.22	25.3	8.20	6.57	0.03
T4-10m	1/24/13	912		0.12 3.8	0.71 10.0	0.16 2.3	3.2 90	0.47 14.7	5.5 76	0.07	35.02	24.7	8.20	6.27	0.13
T4-10m	4/17/13	1026		0.18 5.5	0.54 7.5	0.26 3.6	2.2 61	0.52 16.0	5.0 70	0.04	35.13	25.1	8.21	6.93	0.18
Geomean FY '13				0.10 3.0	0.37 5.2	0.21 3.0		0.44 13.8	5.2 73	0.05					0.11
T4-50m	7/25/13	929		0.03 1.0	0.14 2.0	0.19 2.7	1.4 38	0.36 11.2	4.6 65	0.10	35.08	26.4	8.24	6.75	0.09
T4-50m	11/28/12	932		0.08 2.5	0.08 1.1	0.20 2.8	1.3 37	0.35 10.8	4.1 58	0.04	35.26	25.4	8.20	6.69	0.09
T4-50m	1/24/13	917		0.10 3.2	0.52 7.3	0.15 2.1	2.9 81	0.45 14.0	5.0 69	0.03	35.04	24.7	8.20	6.25	0.10
T4-50m	4/17/13	1031		0.18 5.5	0.51 7.1	0.34 4.8	1.8 51	0.48 14.8	4.7 65	0.04	35.16	25.1	8.20	6.90	0.10
Geomean FY '13				0.08 2.6	0.23 3.3	0.21 3.0		0.41 12.6	4.6 64	0.05					0.09
T4-100m	7/25/13	934		0.03 1.0	0.14 2.0	0.49 6.9	1.4 38	0.37 11.5	5.8 81	0.09	35.10	26.4	8.23	6.75	0.08
T4-100m	11/28/12	936		0.09 2.7	0.04 0.5	0.11 1.5	1.0 29	0.48 15.0	6.5 91	0.04	35.27	25.3	8.20	6.58	0.09
T4-100m	1/24/13	920		0.05 1.7	0.01 0.2	0.05 0.7	1.2 34	0.46 14.1	3.9 54	0.06	35.10	24.8	8.23	6.43	0.05
T4-100m	4/17/13	1037		0.17 5.2	0.31 4.3	0.15 2.1	1.2 32	1.18 36.7	5.5 77	0.02	35.17	25.0	8.20	6.56	0.09
Geomean FY '13				0.07 2.2	0.07 1.0	0.14 2.0		0.56 17.3	5.3 74	0.05					0.08
T4-500m	7/25/13	941		0.02 0.6	0.21 2.9	0.26 3.7	2.7 75	0.36 11.1	4.93 69	0.07	35.06	26.4	8.24	6.78	0.11
T4-500m	11/28/12	943		0.07 2.3	0.03 0.4	0.21 2.9	4.0 114	0.42 13.0	5.86 82	0.06	35.29	25.5	8.21	6.79	0.05
T4-500m	1/24/13	929		0.05 1.5	0.01 0.1	0.04 0.5	1.1 30	0.61 18.9	4.80 67	0.04	35.10	24.7	8.22	6.33	0.09
T4-500m	4/17/13	1045		0.16 5.0	0.15 2.1	0.20 2.8	0.8 22	0.61 18.8	4.99 70	0.02	35.12	25.1	8.20	6.56	0.05
Geomean FY '13				0.06 1.8	0.05 0.7	0.14 2.0		0.49 15.0	5.1 72	0.04					0.07

NELHA Water Quality Laboratory

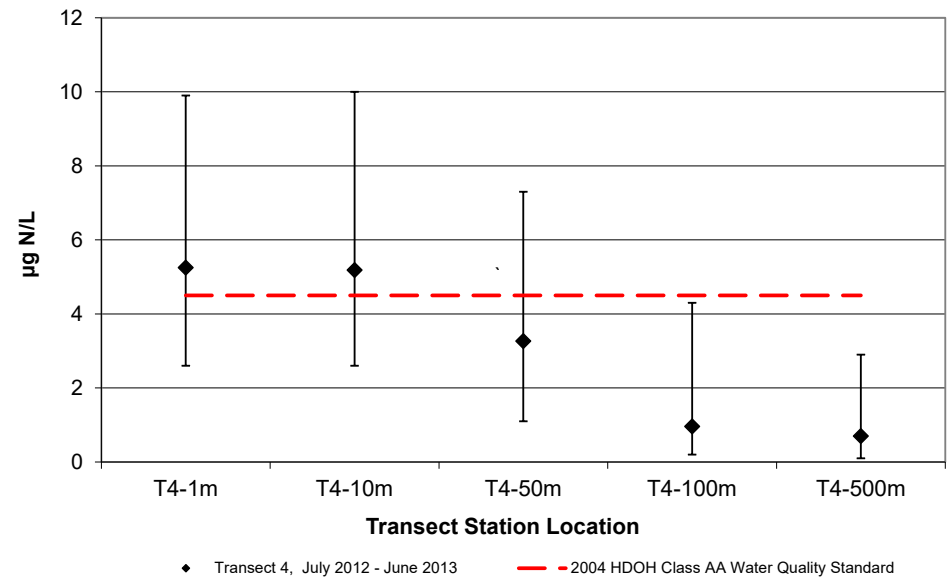
Transect 4

July 2012 - June 2013

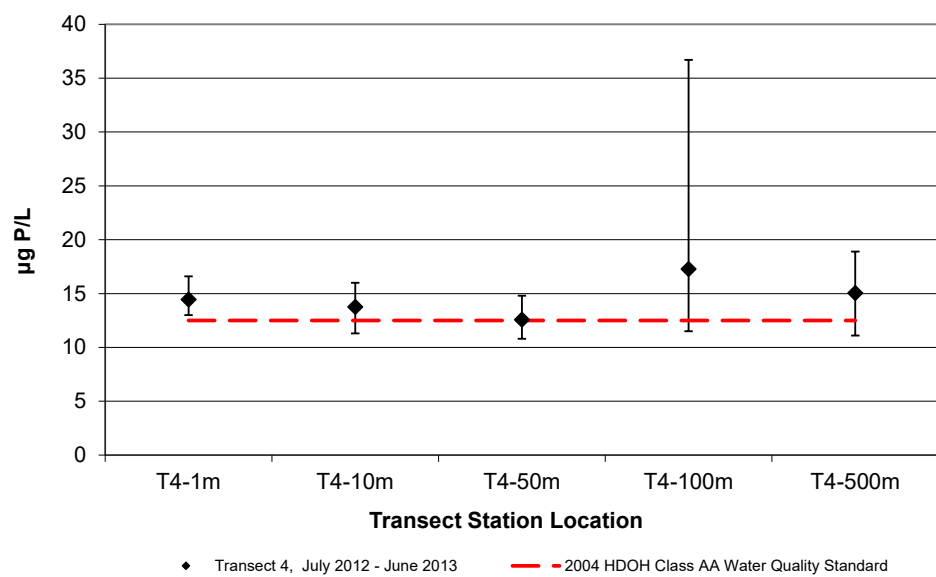
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean



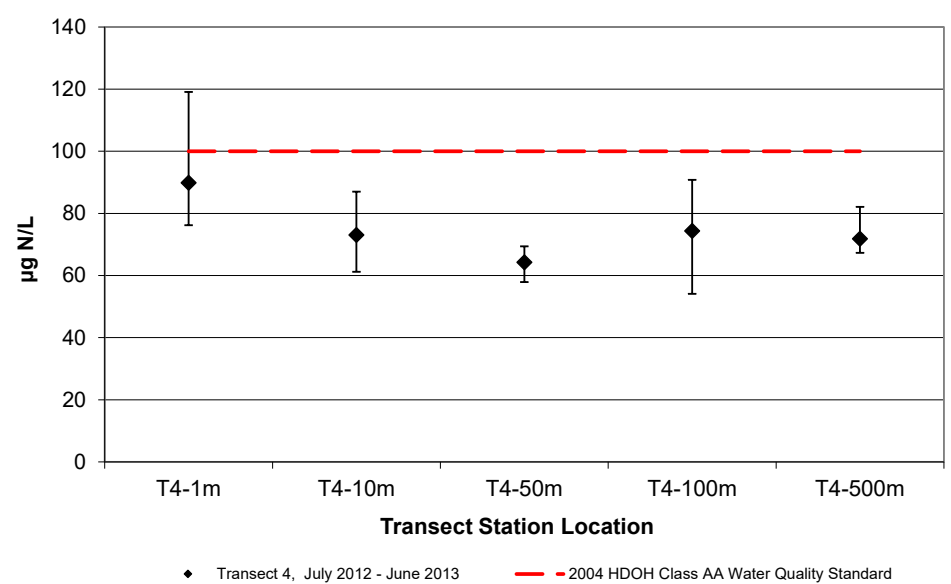
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean

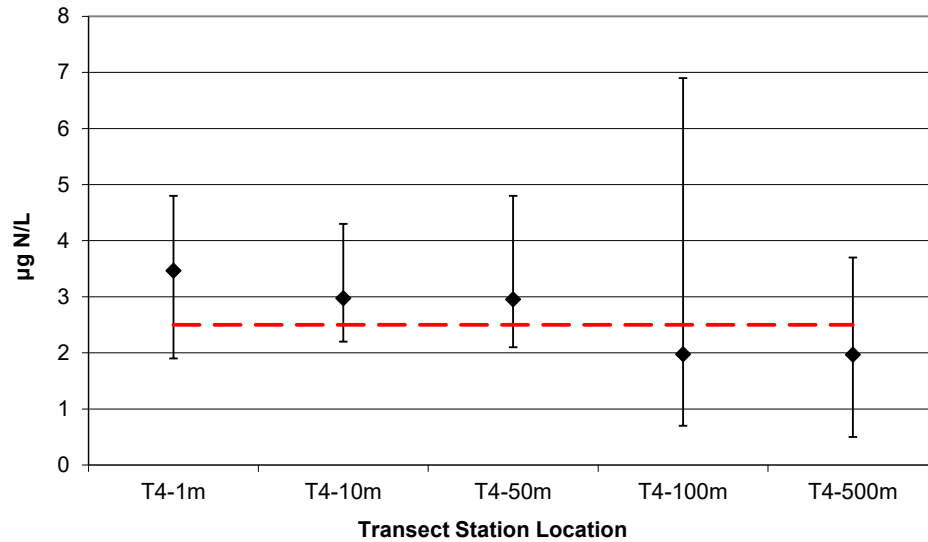


NELHA Water Quality Laboratory

Transect 4

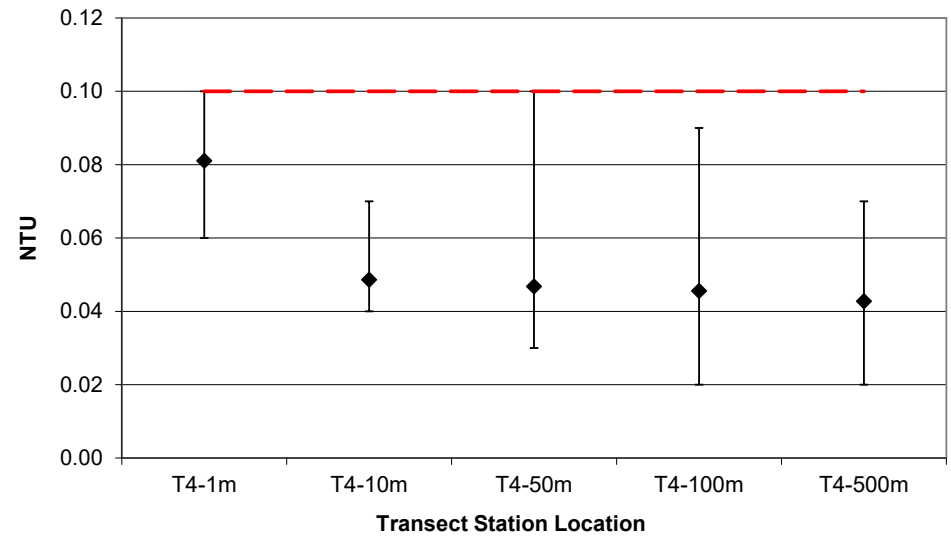
July 2012 - June 2013

Transect 4 Station Summary
Total Ammonia Geometric Mean



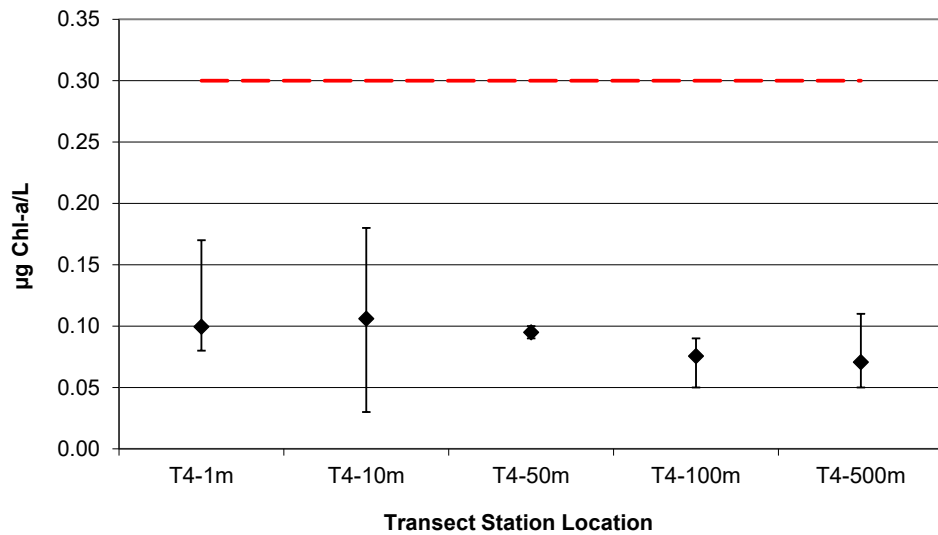
◆ Transect 4, July 2012 - June 2013 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Turbidity Geometric Mean



◆ Transect 4, July 2012 - June 2013 - - - 2004 HDOH Class AA Water Quality Standard

Transect 4 Station Summary
Chlorophyll-a Geometric Mean



◆ Transect 4, July 2012 - June 2013 - - - 2004 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

Transect 4

July 2011 - June 2012

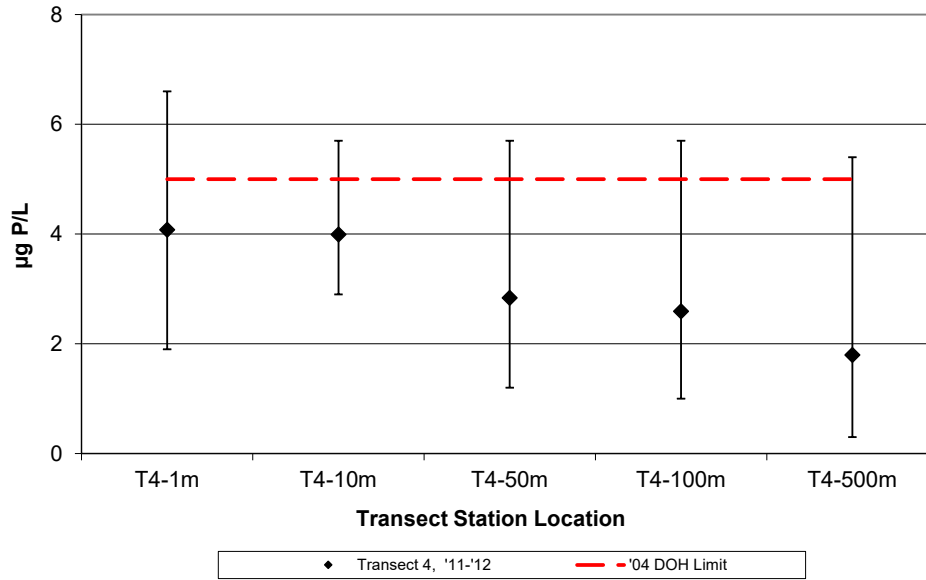
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T4-1m	7/27/11	910	0.1	Flood	0.21	6.6	0.39	5.4	0.41	5.8	2.8	79	0.51	15.9	5.0	70	0.07	34.77	26.0	8.21	6.27	0.12
T4-1m	10/19/11	942	1.9	High	0.06	1.9	0.16	2.3	0.14	1.9	2.5	72	0.38	11.8	4.6	64	0.05	35.08	26.5	8.24	7.30	0.10
T4-1m	1/26/12	910	1.2	Ebb	0.11	3.4	0.34	4.7	0.12	1.7	2.9	82	0.37	11.4	4.3	60	0.04	34.98	24.4	8.21	6.77	0.13
T4-1m	4/25/12	932	0.1	Ebb	0.21	6.5	0.47	6.6	0.46	6.4	2.2	62	0.54	16.6	5.5	77	0.23	34.89	24.8	8.19	6.99	0.10
Geomean	FY '12				0.13	4.1	0.32	4.4	0.2	3.3			0.4	13.7	4.8	67	0.08					0.11
T4-10m	7/27/11	915	0.1	Flood	0.18	5.7	0.36	5.0	0.13	1.8	2.2	62	0.49	15.3	4.5	64	0.10	34.78	26.0	8.21	6.17	0.11
T4-10m	10/19/11	945	1.9	High	0.09	2.9	0.15	2.1	0.10	1.4	1.6	45	0.39	12	4.7	65	0.06	35.08	26.5	8.25	7.30	0.10
T4-10m	1/26/12	915	1.2	Ebb	0.09	2.9	0.39	5.5	0.26	3.7	2.4	67	0.34	10.4	3.5	49	0.08	34.99	24.4	8.23	6.78	0.10
T4-10m	4/25/12	934	0.1	Ebb	0.17	5.3	0.46	6.5	0.34	4.8	1.9	53	0.53	16.3	7.3	102	0.12	34.89	24.8	8.19	7.04	0.08
Geomean	FY '12				0.13	4.0	0.31	4.4	0.18	2.6			0.43	13.3	4.8	68	0.09					0.10
T4-50m	7/27/11	921	0.1	Flood	0.18	5.7	0.35	4.9	0.15	2.1	2.2	63	0.48	14.8	4.0	57	0.05	34.78	26.0	8.21	6.10	0.11
T4-50m	10/19/11	948	1.9	High	0.04	1.2	0.10	1.4	0.03	0.4	1.6	46	0.51	15.7	3.6	51	0.02	35.09	26.5	8.23	7.02	0.08
T4-50m	1/26/12	919	1.2	Ebb	0.06	1.9	0.11	1.6	0.07	1.0	1.7	48	0.33	10.2	3.5	50	0.06	35.04	24.4	8.24	6.60	0.09
T4-50m	4/25/12	935	0.1	Ebb	0.16	5.0	0.14	1.9	0.39	5.4	4.2	119	0.45	13.9	4.4	61	0.04	34.88	24.9	8.18	6.76	0.10
Geomean	FY '12				0.09	2.8	0.15	2.1	0.10	1.5			0.43	13.5	3.9	54	0.04					0.09
T4-100m	7/27/11	926	0.1	Flood	0.18	5.7	0.29	4.1	0.16	2.2	1.7	48	0.46	14.2	4.8	68	0.04	34.79	26.0	8.21	6.12	0.11
T4-100m	10/19/11	953	1.9	High	0.03	1.0	0.06	0.9	0.04	0.6	1.8	50	0.48	14.9	4.6	64	0.03	35.10	26.5	8.24	7.07	0.08
T4-100m	1/26/12	923	1.2	Ebb	0.06	1.8	0.14	1.9	0.01	0.1	1.8	50	0.34	10.4	3.9	54	0.05	35.03	24.4	8.26	6.65	0.11
T4-100m	4/25/12	938	0.1	Ebb	0.14	4.4	0.08	1.1	0.22	3.1	0.8	23	0.44	13.5	5.0	69	0.03	34.88	24.9	8.18	6.77	0.04
Geomean	FY '12				0.08	2.6	0.12	1.7	0.06	0.8			0.42	13.1	4.5	63	0.04					0.08
T4-500m	7/27/11	936	0.1	Flood	0.17	5.4	0.26	3.6	0.18	2.5	1.9	52	0.49	15.3	5.94	83	0.05	34.80	25.9	8.22	6.23	0.13
T4-500m	10/19/11	1001	1.9	High	0.01	0.3	0.04	0.5	0.04	0.5	2.1	60	0.34	10.6	4.54	64	0.08	35.10	26.6	8.25	7.01	0.11
T4-500m	1/26/12	930	1.2	Ebb	0.05	1.4	0.04	0.6	0.02	0.3	1.3	36	0.40	12.3	6.18	87	0.02	35.06	24.6	8.25	6.63	0.10
T4-500m	4/25/12	944	0.1	Ebb	0.15	4.6	0.15	2.1	0.26	3.6	1.9	53	0.54	16.8	9.15	128	0.11	34.82	24.9	8.19	6.71	0.04
Geomean	FY '12				0.06	1.8	0.09	1.2	0.08	1.1			0.44	13.5	6.2	88	0.05					0.09

NELHA Water Quality Laboratory

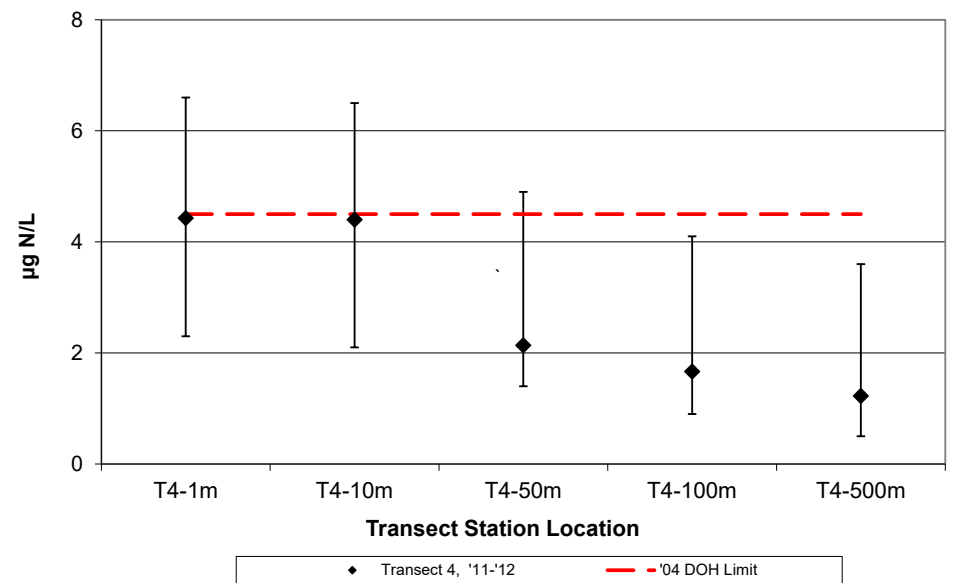
Transect 4

July 2011 - June 2012

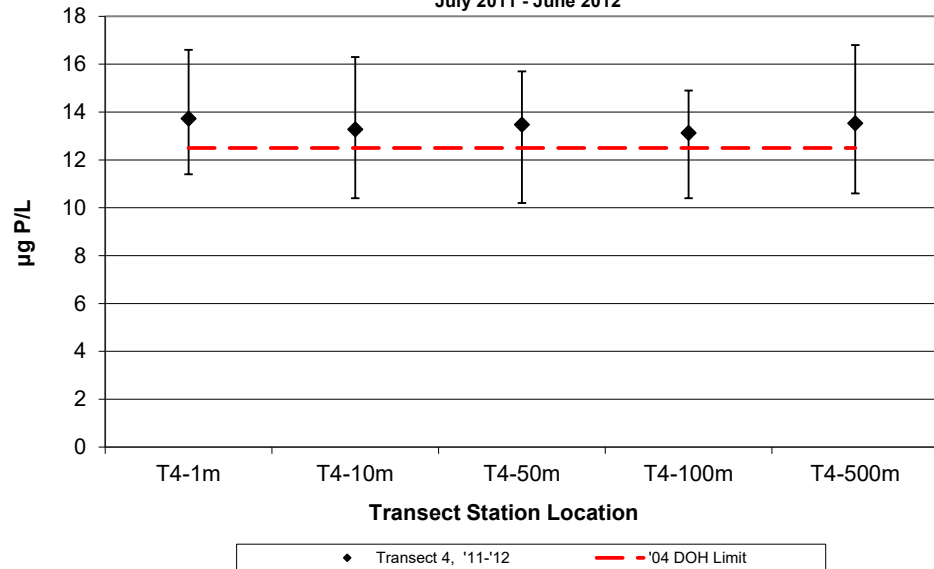
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean, July 2011 - June 2012



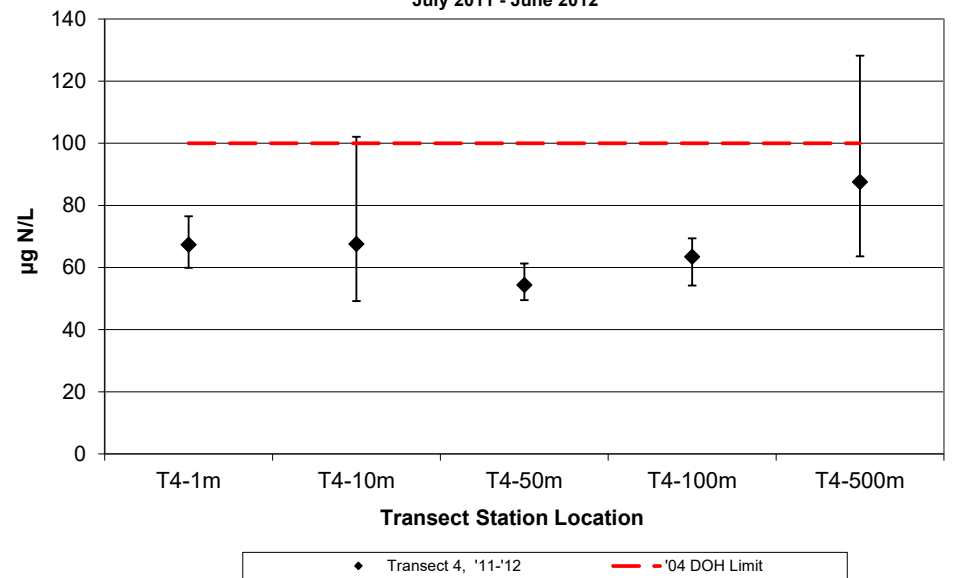
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean, July 2011 - June 2012



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2011 - June 2012



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2011 - June 2012

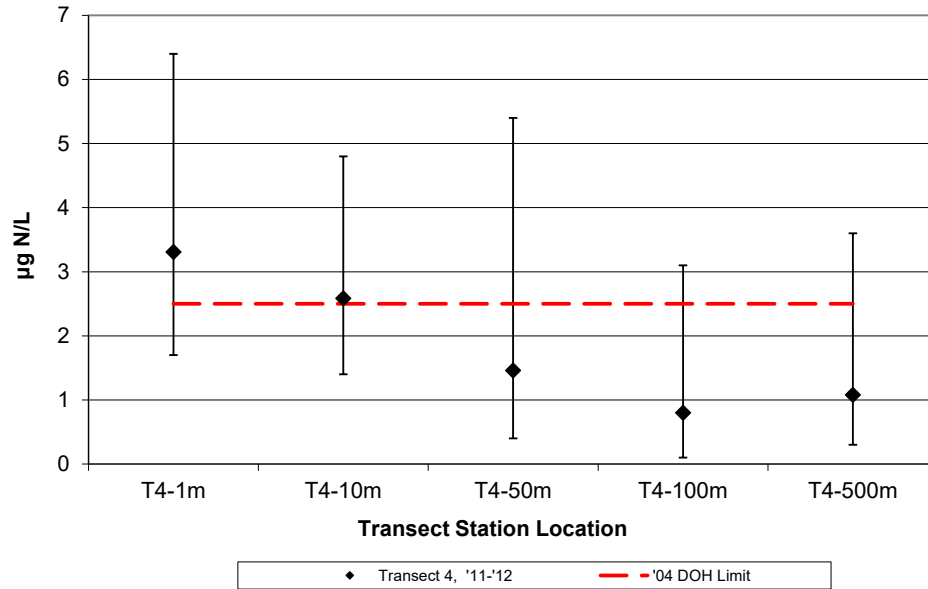


NELHA Water Quality Laboratory

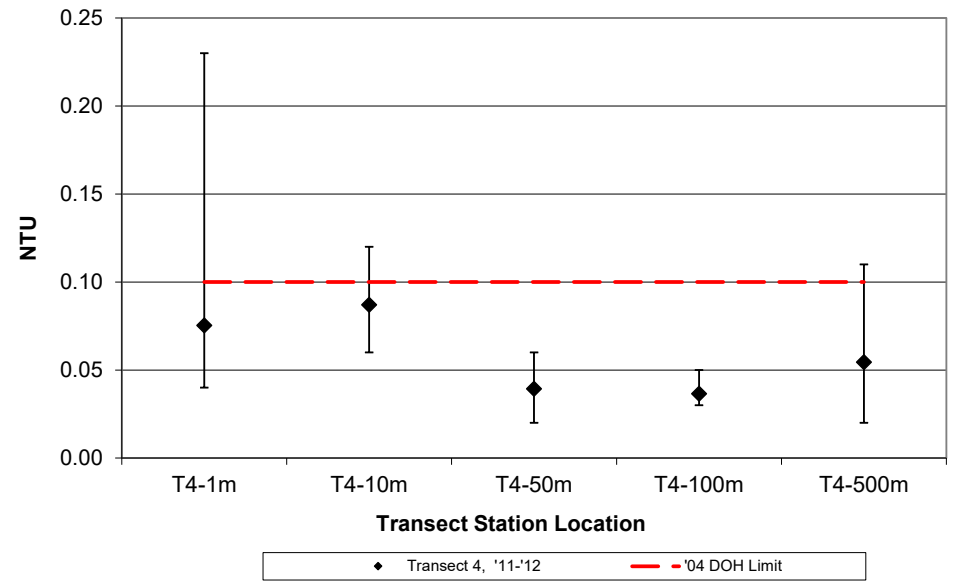
Transect 4

July 2011 - June 2012

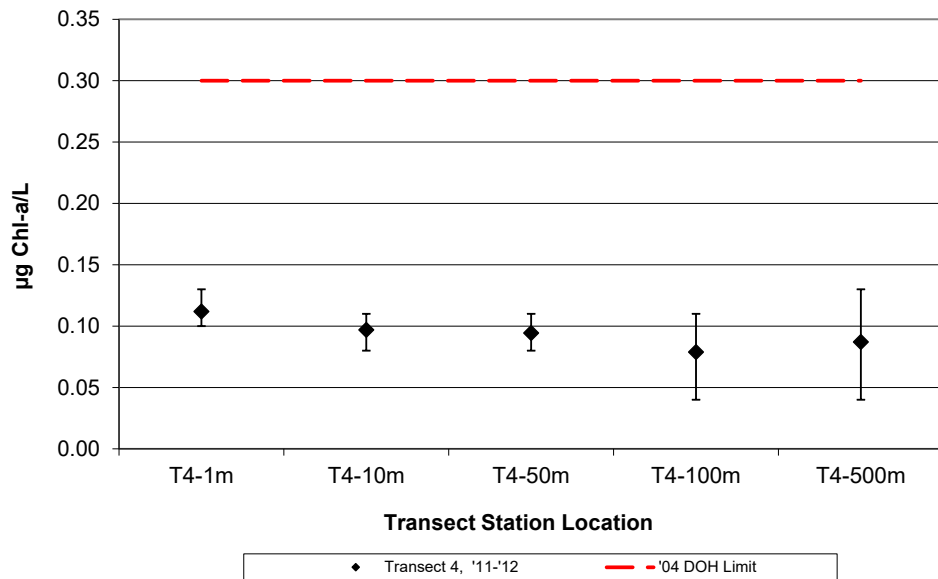
Transect 4 Station Summary
Total Ammonia Geometric Mean, July 2011 - June 2012



Transect 4 Station Summary
Turbidity Geometric Mean, July 2011 - June 2012



Transect 4 Station Summary
Chlorophyll-a Geometric Mean, July 2011 - June 2012



NELHA Water Quality Laboratory

Transect 4

July 2010 - June 2011

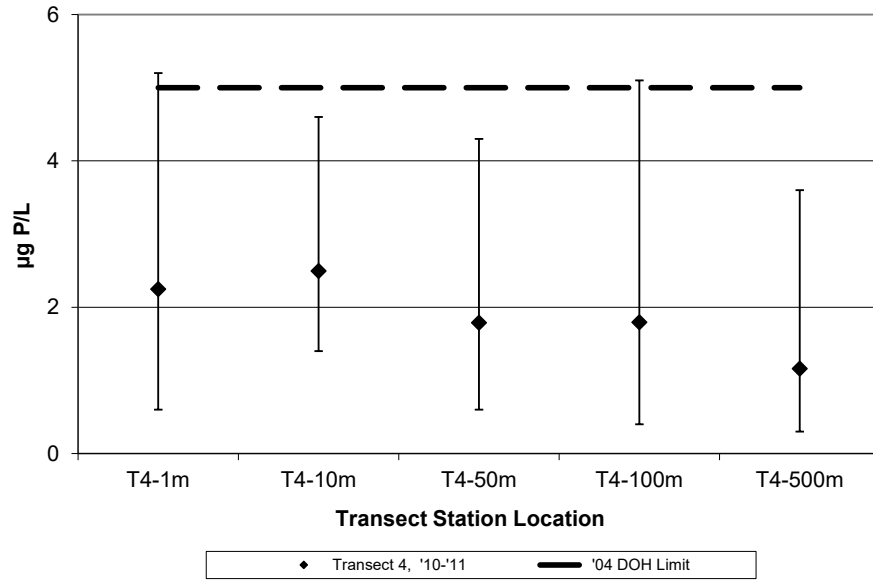
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T4-1m	8/11/10	910	0.3 Ebb	0.02 0.6	0.57 8.0	0.22 3.1	3.8 108	0.36 11.3	4.1 57	0.06	34.90	26.1	8.25	6.71	0.12
T4-1m	11/9/10	910	1.7 Ebb	0.05 1.7	0.25 3.5	0.10 1.4	4.8 135	0.46 14.4	6.8 95	0.07	34.92	26.3	8.26	6.35	0.05
T4-1m	1/11/11	1126	0.8 Ebb	0.15 4.8	0.28 3.9	0.20 2.8	2.5 70	0.44 13.7	3.9 55	0.09	35.01	25.0	8.21	6.42	0.08
T4-1m	4/27/11	920	0.2 Flood	0.17 5.2	0.34 4.8	0.09 1.3	3.9 109	0.48 14.9	4.0 56	0.10	34.86	24.9	8.20	6.38	0.08
Geomean	FY '11			0.07 2.2	0.34 4.8	0.1 2.0		0.4 13.5	4.6 64	0.08					0.08
T4-10m	8/11/10	915	0.3 Ebb	0.05 1.4	0.53 7.4	0.28 3.9	3.0 85	0.32 9.9	3.5 50	0.07	34.92	26.1	8.24	6.72	0.10
T4-10m	11/9/10	914	1.7 Ebb	0.05 1.5	0.25 3.5	0.10 1.4	7.7 217	0.45 14	5.0 70	0.09	34.91	26.3	8.27	6.39	0.05
T4-10m	1/11/11	1131	0.8 Ebb	0.15 4.6	0.29 4.1	0.23 3.2	19.2 538	0.43 13.2	3.6 51	0.04	35.01	25.0	8.21	6.41	0.09
T4-10m	4/27/11	924	0.2 Flood	0.13 4.0	0.36 5.1	0.17 2.4	6.0 169	0.42 13.0	3.6 51	0.11	34.87	24.9	8.20	6.47	0.10
Geomean	FY '11			0.08 2.5	0.34 4.8	0.18 2.5		0.40 12.4	3.9 55	0.07					0.08
T4-50m	8/11/10	919	0.2 Ebb	0.02 0.6	0.09 1.2	0.02 0.3	1.8 50	0.29 8.9	2.9 41	0.04	34.96	26.0	8.23	6.67	0.05
T4-50m	11/9/10	917	1.7 Ebb	0.04 1.1	0.20 2.8	0.09 1.3	3.4 96	0.35 10.9	3.6 50	0.11	34.95	26.4	8.27	6.21	0.04
T4-50m	1/11/11	1138	0.8 Ebb	0.14 4.3	0.34 4.8	0.12 1.7	5.1 144	0.42 12.9	3.7 51	0.03	35.02	25.0	8.20	6.46	0.09
T4-50m	4/27/11	928	0.3 Flood	0.12 3.6	0.46 6.5	0.14 2.0	4.2 117	0.45 13.9	4.3 61	0.09	34.89	24.9	8.21	6.31	0.09
Geomean	FY '11			0.06 1.8	0.23 3.2	0.08 1.1		0.37 11.5	3.6 50	0.06					0.06
T4-100m	8/11/10	926	0.2 Ebb	0.01 0.4	0.06 0.9	0.01 0.2	1.6 46	0.29 9.1	2.8 39	0.06	34.97	26.0	8.23	6.56	0.14
T4-100m	11/9/10	923	1.6 Ebb	0.04 1.3	0.11 1.5	0.04 0.5	1.1 30	0.43 13.2	3.9 55	0.07	34.88	26.0	8.28	6.26	0.01
T4-100m	1/11/11	1147	0.7 Ebb	0.16 5.1	0.51 7.2	0.40 5.6	3.0 85	0.43 13.4	3.9 55	0.08	35.01	25.0	8.21	6.47	0.11
T4-100m	4/27/11	932	0.3 Flood	0.13 3.9	0.37 5.2	0.19 2.7	3.4 96	0.45 13.9	4.2 59	0.08	34.91	24.9	8.22	6.31	0.18
Geomean	FY '11			0.06 1.8	0.19 2.7	0.08 1.1		0.39 12.2	3.7 51	0.07					0.07
T4-500m	8/11/10	934	0.2 Ebb	0.02 0.6	0.02 0.3	0.01 0.1	1.9 53	0.30 9.4	2.72 38	0.05	34.96	26.2	8.23	6.61	0.16
T4-500m	11/9/10	929	1.6 Ebb	0.01 0.3	0.08 1.1	0.11 1.5	3.1 86	0.38 11.8	2.25 32	0.07	34.98	26.5	8.28	6.31	0.02
T4-500m	1/11/11	1155	0.7 Ebb	0.12 3.6	0.01 0.2	0.27 3.8	3.5 97	0.41 12.7	2.91 41	0.04	35.04	25.1	8.21	6.34	0.13
T4-500m	4/27/11	940	0.4 Flood	0.09 2.8	0.34 4.8	0.11 1.5	4.8 134	0.44 13.7	3.95 55	0.09	34.85	25.0	8.22	6.13	0.14
Geomean	FY '11			0.04 1.2	0.05 0.8	0.07 1.0		0.38 11.8	2.9 41	0.06					0.09

NELHA Water Quality Laboratory

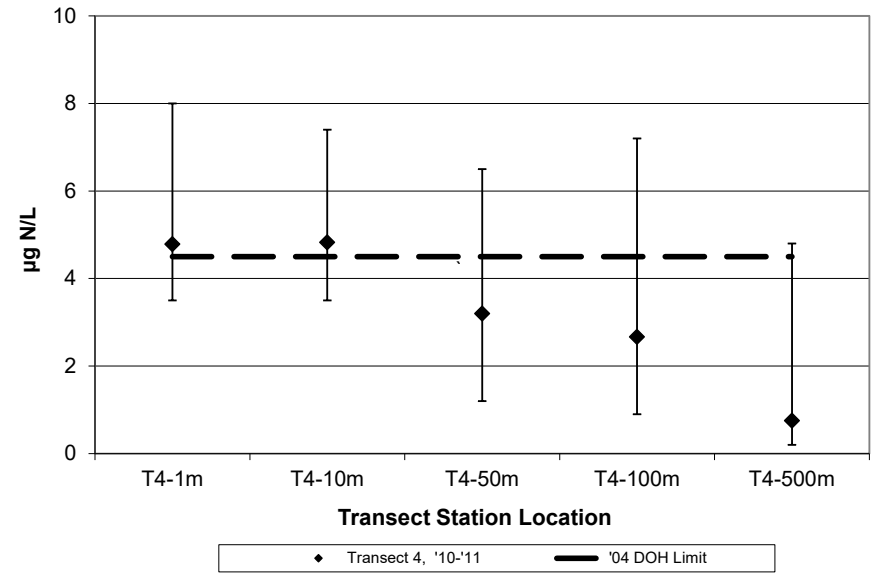
Transect 4

July 2010 - June 2011

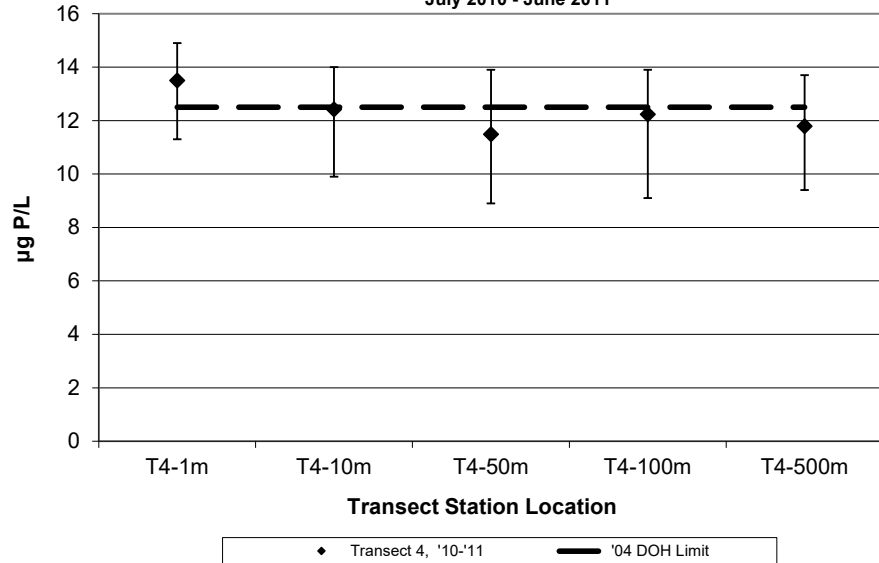
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean, July 2010 - June 2011



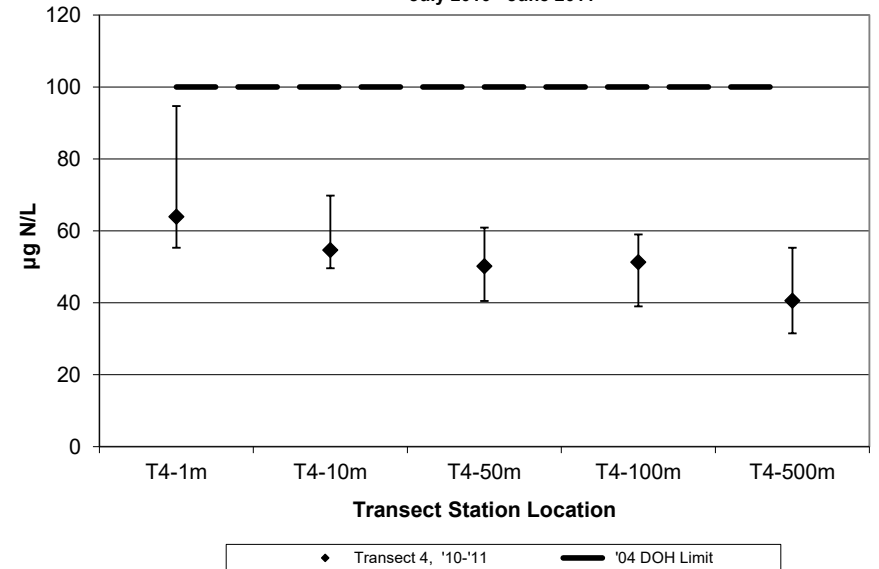
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean, July 2010 - June 2011



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2010 - June 2011



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2010 - June 2011

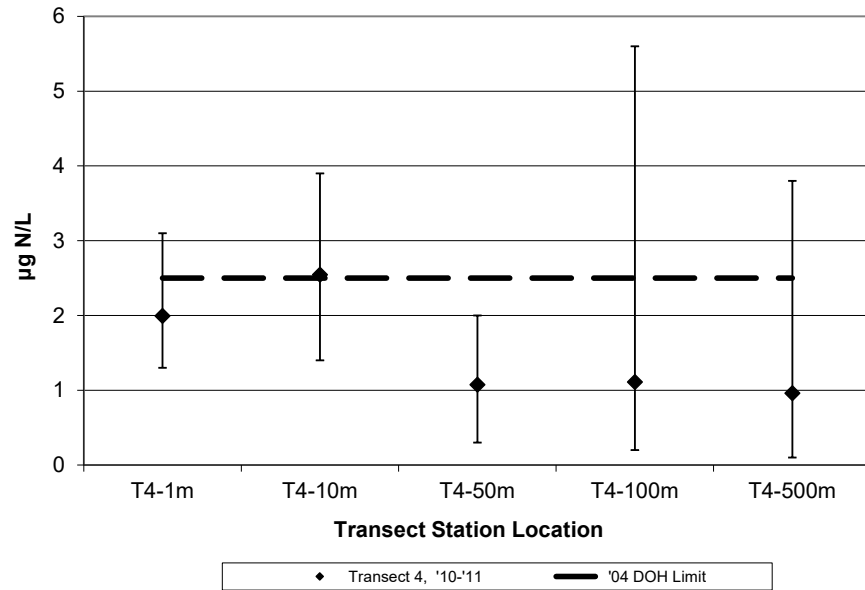


NELHA Water Quality Laboratory

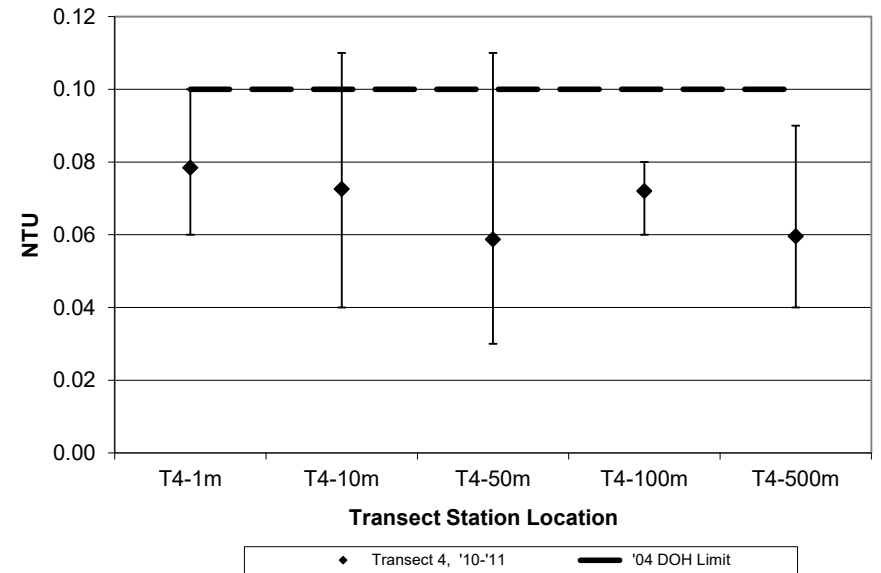
Transect 4

July 2010 - June 2011

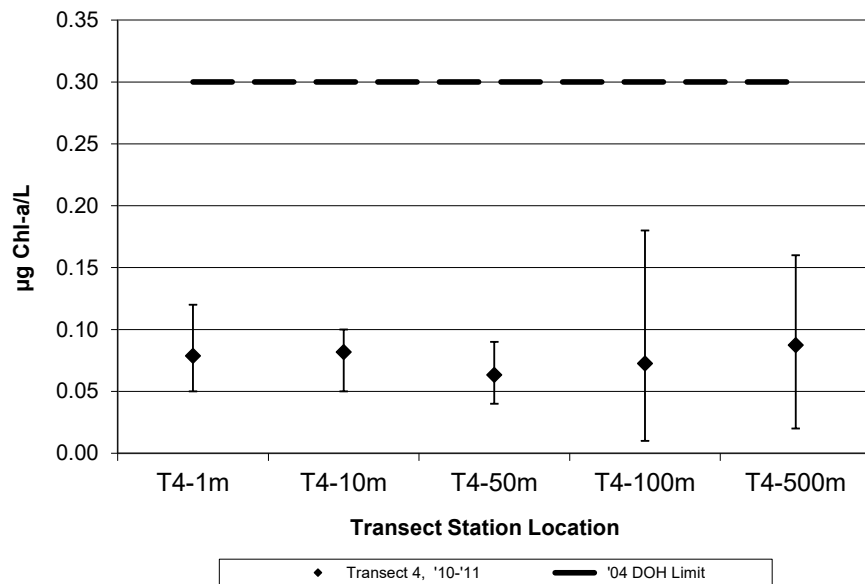
Transect 4 Station Summary
Ammonia Geometric Mean, July 2010 - June 2011



Transect 4 Station Summary
Turbidity Geometric Mean, July 2010 - June 2011



Transect 4 Station Summary
Chlorophyll-a Geometric Mean, July 2010 - June 2011



NELHA Water Quality Laboratory

Transect 4

July 2009 - June 2010

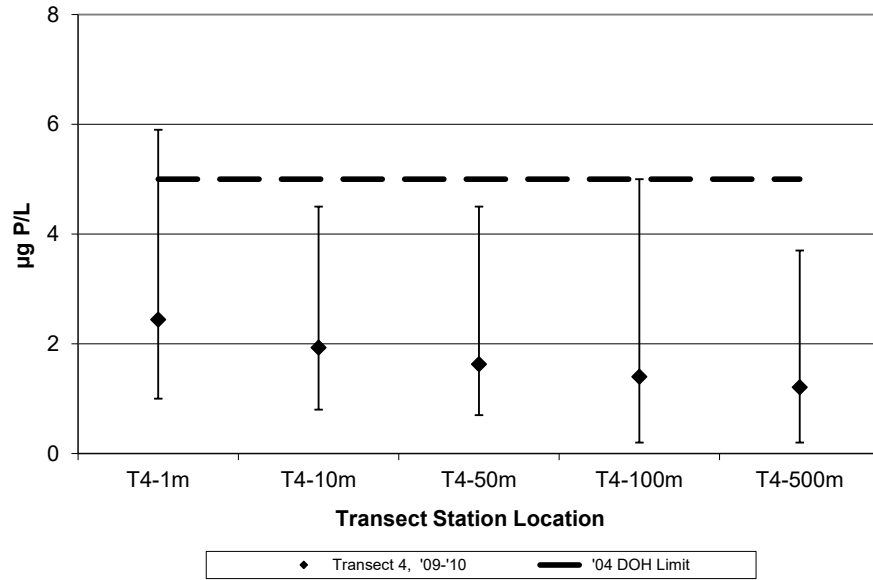
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10	0.30					
T4-1m	9/10/09	904	2.0 High	0.19	5.9	0.16	2.3	0.22	3.1	9.9	279	0.27	8.3	7.6	106	0.08	35.21	27.2	8.21	5.62	0.21
T4-1m	11/24/09	905	1.6 Flood	0.03	1.0	0.17	2.4	0.69	9.6	9.6	271	0.24	7.5	6.3	89	0.11	35.25	25.2	8.25	6.50	0.14
T4-1m	2/24/10	937	0.3 Low	0.14	4.3	0.24	3.3	0.36	5.1	2.6	72	0.15	4.6	4.1	58	0.14	35.06	24.7	8.21	6.38	0.16
T4-1m	5/25/10	915	0.0 Flood	0.05	1.4	0.36	5.1	0.14	2.0	3.2	90	0.04	1.1	4.3	60	0.06	34.88	25.1	8.23	7.06	0.10
Geomean	'09-'10			0.08	2.4	0.22	3.1	0.3	4.2		0.1	4.2		5.4	75	0.09					0.15
T4-10m	9/10/09	910	2.0 High	0.10	3.2	0.16	2.2	0.10	1.4	4.7	133	0.44	13.6	5.6	79	0.06	35.18	27.2	8.26	5.88	0.06
T4-10m	11/24/09	908	1.6 Flood	0.03	0.8	0.16	2.2	0.19	2.7	23.6	662	0.32	9.9	5.8	81	0.05	35.26	25.2	8.26	6.58	0.15
T4-10m	2/24/10	941	0.3 Low	0.15	4.5	0.25	3.5	0.37	5.2	3.0	84	0.27	8.5	4.2	59	0.15	35.08	24.7	8.24	5.96	0.27
T4-10m	5/25/10	921	0.0 Flood	0.04	1.2	0.39	5.4	0.11	1.5	2.9	80	0.14	4.4	6.4	89	0.06	34.89	25.1	8.22	7.10	0.03
Geomean	'09-'10			0.06	1.9	0.22	3.1	0.17	2.3		0.27	8.4		5.4	76	0.07					0.09
T4-50m	9/10/09	922	2.0 High	0.09	2.8	0.06	0.9	0.10	1.4	4.8	136	0.42	12.9	5.7	80	0.21	35.21	27.3	8.23	5.90	0.08
T4-50m	11/24/09	913	1.6 Flood	0.03	0.8	0.19	2.7	0.25	3.5	14.6	411	0.37	11.6	5.5	78	0.05	35.26	25.2	8.25	6.59	0.19
T4-50m	2/24/10	945	0.3 Low	0.15	4.5	0.22	3.1	0.34	4.8	3.8	107	0.37	11.6	5.5	78	0.08	35.09	24.6	8.23	5.59	0.24
T4-50m	5/25/10	925	0.0 Flood	0.02	0.7	0.34	4.8	0.05	0.7	2.6	73	0.24	7.4	5.5	77	0.07	34.93	25.0	8.21	6.94	0.09
Geomean	'09-'10			0.05	1.6	0.18	2.5	0.14	2.0		0.34	10.6		5.6	78	0.09					0.13
T4-100m	9/10/09	929	2.0 High	0.16	5.0	0.09	1.2	0.03	0.4	13.7	385	0.40	12.5	6.2	87	0.08	35.22	27.4	8.21	5.86	0.18
T4-100m	11/24/09	917	1.6 Flood	0.03	0.8	0.21	3.0	0.15	2.1	2.1	59	0.36	11.3	5.2	73	0.04	35.27	25.2	8.25	6.47	0.14
T4-100m	2/24/10	949	0.3 Low	0.15	4.8	0.22	3.1	0.39	5.5	3.3	92	0.36	11.0	6.8	95	0.06	35.09	24.6	8.23	5.47	0.17
T4-100m	5/25/10	930	0.1 Flood	0.01	0.2	0.06	0.9	0.51	7.2	1.8	51	0.23	7.2	6.7	94	0.04	34.93	25.0	8.20	6.84	0.08
Geomean	'09-'10			0.05	1.4	0.13	1.8	0.17	2.4		0.33	10.3		6.2	86	0.05					0.14
T4-500m	9/10/09	942	2.0 High	0.12	3.6	0.06	0.8	0.69	9.7	47.4	1330	0.37	11.5	5.52	77	0.07	35.24	27.5	8.22	5.56	0.10
T4-500m	11/24/09	924	1.7 High	0.03	0.8	0.03	0.4	0.11	1.6	2.3	66	0.33	10.2	4.36	61	0.03	35.27	25.2	8.23	6.51	0.11
T4-500m	2/24/10	956	0.4 Flood	0.12	3.7	0.01	0.2	0.35	4.9	1.9	54	0.29	8.9	3.41	48	0.05	35.12	24.7	8.20	5.48	0.17
T4-500m	5/25/10	939	0.1 Flood	0.01	0.2	0.05	0.7	0.08	1.1	1.5	42	0.28	8.6	5.88	82	0.05	35.01	24.9	8.21	6.62	0.08
Geomean	'09-'10			0.04	1.2	0.03	0.5	0.22	3.0		0.31	9.7		4.7	66	0.05					0.11

NELHA Water Quality Laboratory

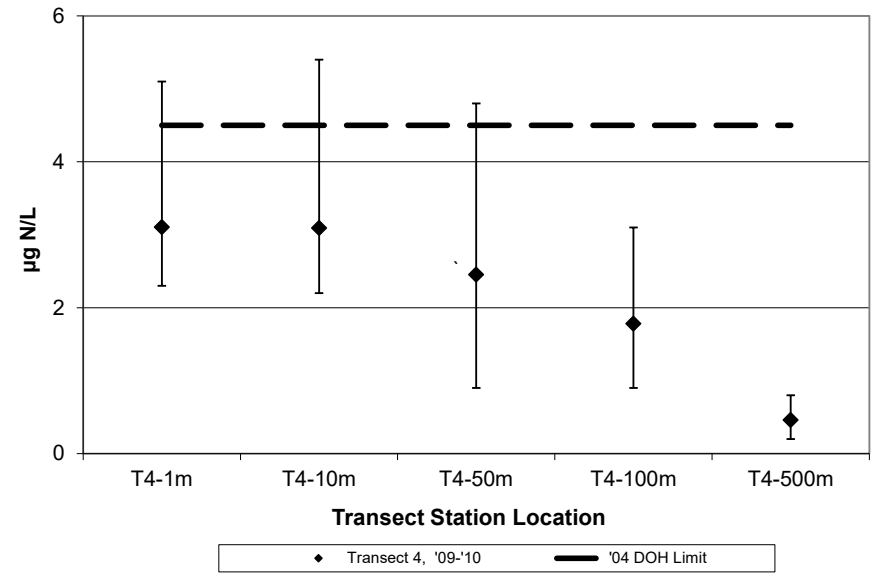
Transect 4

July 2009 - June 2010

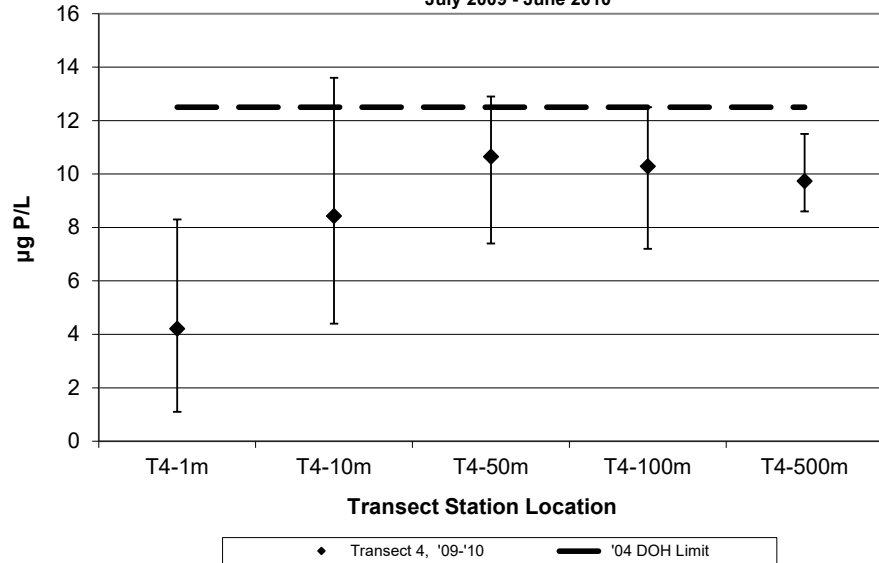
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean, July 2009 - June 2010



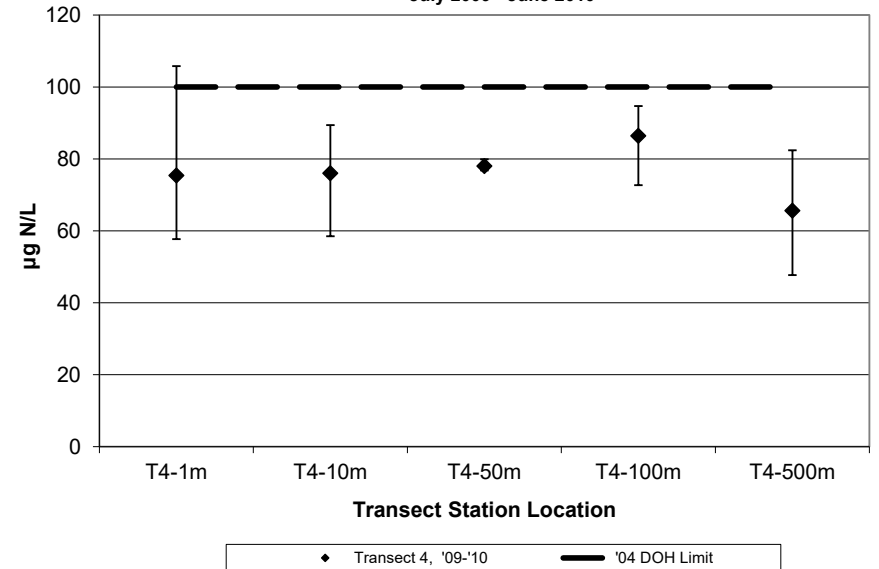
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean, July 2009 - June 2010



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2009 - June 2010



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2009 - June 2010

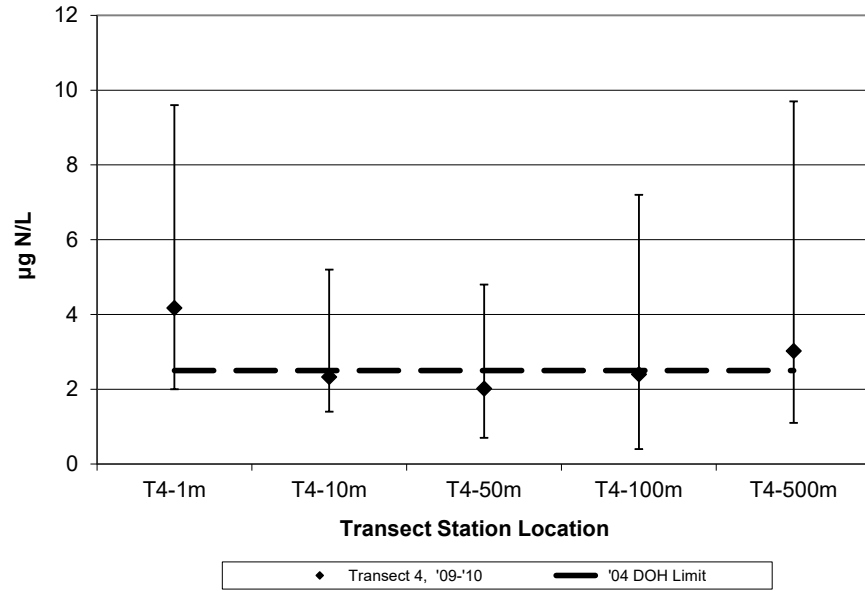


NELHA Water Quality Laboratory

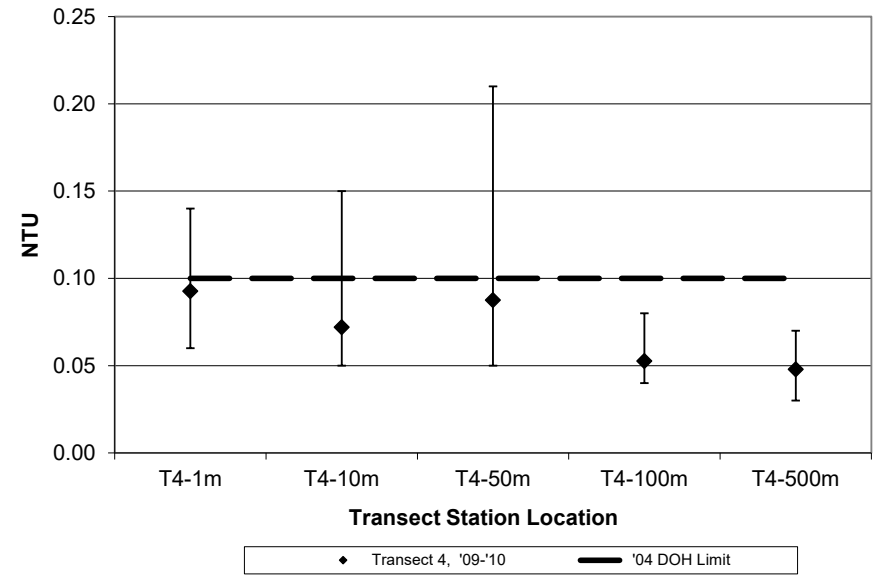
Transect 4

July 2009 - June 2010

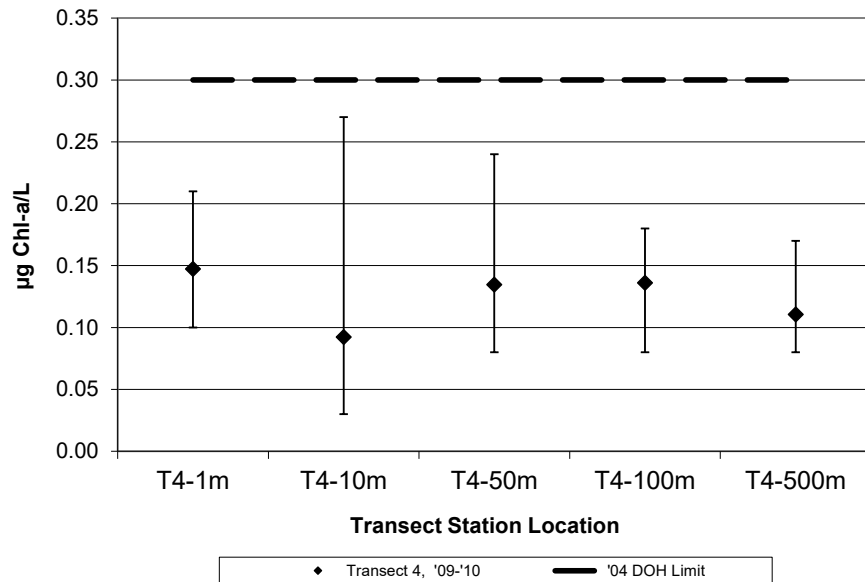
Transect 4 Station Summary
Ammonia Geometric Mean, July 2009 - June 2010



Transect 4 Station Summary
Turbidity Geometric Mean, July 2009 - June 2010



Transect 4 Station Summary
Chlorophyll-a Geometric Mean, July 2009 - June 2010



NELHA Water Quality Laboratory

Transect 4

July 2008 - June 2009

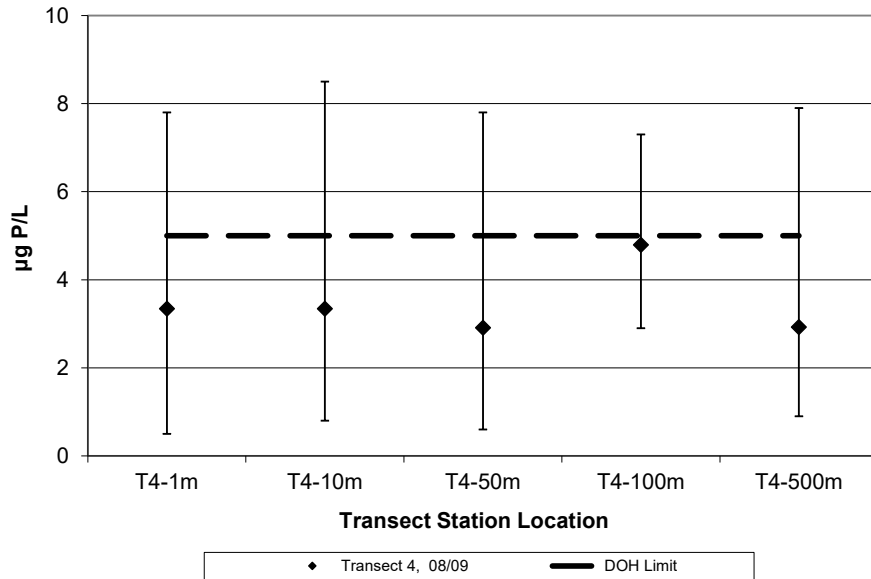
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30		
T4-1m	9/23/08	1035	2.1	High	0.02	0.5	0.15	2.1	0.37	5.2	1.8	50	0.23	7.2	5.4	76	0.08	34.837	26.7	8.07	6.31	0.07
T4-1m	12/8/08	937	0.9	Flood	0.16	5.0	0.28	3.9	0.14	1.9	2.1	59	0.26	8.1	5.4	76	0.13	34.968	26.0	8.29	5.64	0.10
T4-1m	2/10/09	838	0.8	Ebb	0.21	6.4	1.11	15.5	0.12	1.7	3.8	107	0.04	1.2	8.9	125	0.14	35.065	24.6	8.04	6.29	0.11
T4-1m	6/30/09	923	1.1	Ebb	0.25	7.8	0.33	4.6	0.81	11.4	4.2	118	0.35	10.8	4.4	61	0.27	34.886	26.8	8.21	5.95	0.15
Geomean	08/09				0.11	3.3	0.35	4.9	0.3	3.7		0.2	5.2	5.8	81	0.14					0.10	
T4-10m	9/23/08	1042	2.2	High	0.03	0.8	0.14	1.9	0.44	6.2	1.7	48	0.31	9.7	4.6	64	0.08	34.836	26.8	8.06	6.21	0.10
T4-10m	12/8/08	949	0.9	Flood	0.17	5.4	0.32	4.5	0.29	4.0	2.2	62	0.55	17	5.2	73	0.08	34.982	26.1	8.30	5.64	0.07
T4-10m	2/10/09	846	0.7	Ebb	0.11	3.4	0.58	8.1	0.12	1.7	2.3	64	0.22	6.8	8.0	113	0.18	35.079	24.7	8.05	5.98	0.08
T4-10m	6/30/09	929	1.1	Ebb	0.27	8.5	0.30	4.2	0.12	1.7	6.1	171	0.39	12.1	5.2	72	0.12	34.876	26.7	8.20	6.13	0.08
Geomean	08/09				0.11	3.3	0.29	4.1	0.21	2.9		0.35	10.8	5.6	78	0.11					0.08	
T4-50m	9/23/08	1047	2.2	High	0.02	0.6	0.04	0.5	0.30	4.2	1.3	36	0.36	11.2	5.3	74	0.06	34.834	26.7	8.06	5.92	0.07
T4-50m	12/8/08	955	0.9	Flood	0.16	5.1	0.34	4.7	0.22	3.1	2.2	63	0.65	20.0	5.7	81	0.07	34.985	26.1	8.30	5.42	0.12
T4-50m	2/10/09	851	0.6	Ebb	0.10	3.0	0.48	6.7	0.12	1.7	2.4	67	0.38	11.7	9.6	134	0.08	35.048	24.7	8.05	5.98	0.04
T4-50m	6/30/09	935	1.1	Ebb	0.25	7.8	0.44	6.1	0.16	2.2	6.9	193	0.43	13.4	4.6	64	0.09	34.887	26.7	8.21	6.04	0.13
Geomean	08/09				0.09	2.9	0.22	3.1	0.19	2.6		0.44	13.7	6.0	85	0.07					0.08	
T4-100m	9/23/08	1052	2.2	High	0.17	5.3	0.00	0.0	0.19	2.6	1.7	47	0.36	11.2	5.1	71	0.08	34.830	26.6	8.06	5.81	0.07
T4-100m	12/8/08	1000	0.9	Flood	0.15	4.7	0.24	3.4	0.13	1.8	2.6	73	0.40	12.4	5.6	78	0.07	34.967	26.2	8.28	5.15	0.06
T4-100m	2/10/09	856	0.6	Ebb	0.09	2.9	0.29	4.0	0.12	1.7	2.0	56	0.23	7.0	7.6	107	0.15	35.100	24.7	8.05	6.10	0.03
T4-100m	6/30/09	941	1.2	Ebb	0.24	7.3	0.24	3.3	0.12	1.7	4.2	117	0.38	11.9	5.2	72	0.17	34.899	26.7	8.19	5.88	0.10
Geomean	08/09				0.15	4.8	0.06	0.8	0.14	1.9		0.33	10.4	5.8	81	0.11					0.06	
T4-500m	9/23/08	1100	2.2	High	0.03	0.9	0.00	0.0	0.18	2.5	1.1	30	0.16	5.1	4.73	66	0.06	34.833	26.7	8.07	6.07	0.03
T4-500m	12/8/08	1008	0.9	Flood	0.14	4.3	0.04	0.6	0.09	1.2	1.9	54	0.21	6.6	4.73	66	0.06	34.982	26.2	8.30	5.07	0.04
T4-500m	2/10/09	903	0.5	Ebb	0.08	2.4	0.10	1.4	0.12	1.7	2.0	56	0.24	7.3	6.45	90	0.08	35.096	24.7	8.07	6.08	0.03
T4-500m	6/30/09	951	1.2	Ebb	0.26	7.9	0.39	5.5	0.56	7.9	5.1	144	0.37	11.4	4.43	62	0.05	34.908	26.8	8.20	5.82	0.10
Geomean	08/09				0.09	2.9	0.03	0.5	0.18	2.5		0.23	7.3	5.0	70	0.06					0.04	

NELHA Water Quality Laboratory

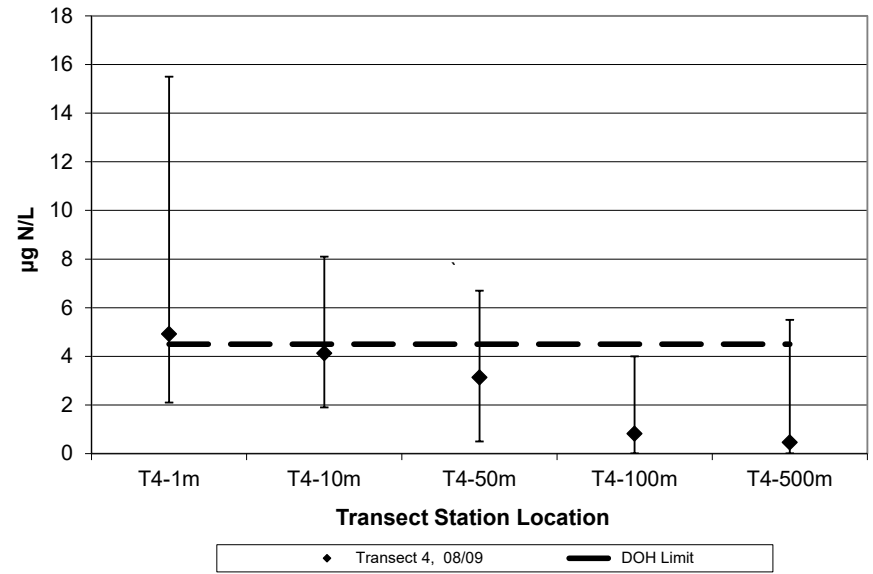
Transect 4

July 2008 - June 2009

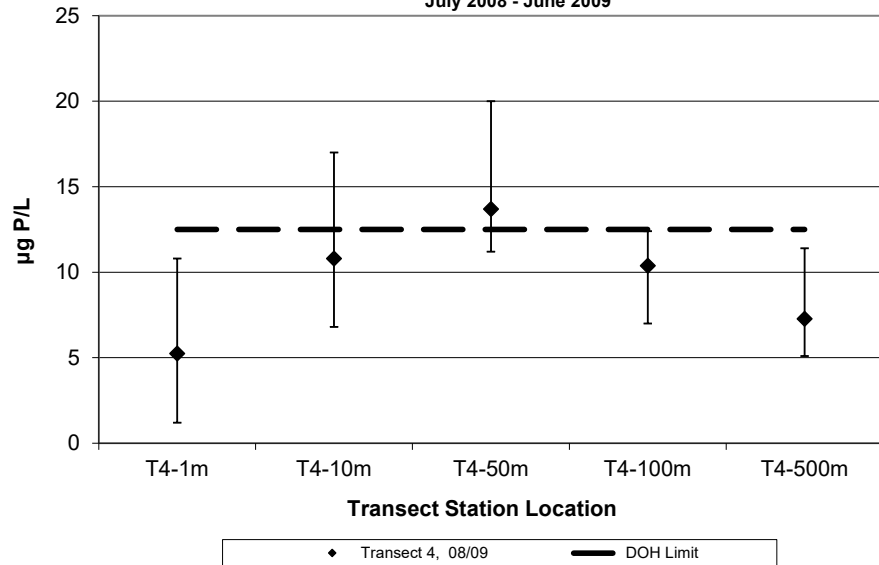
Transect 4 Station Summary
Ortho-Phosphate Geometric Mean, July 2008 - June 2009



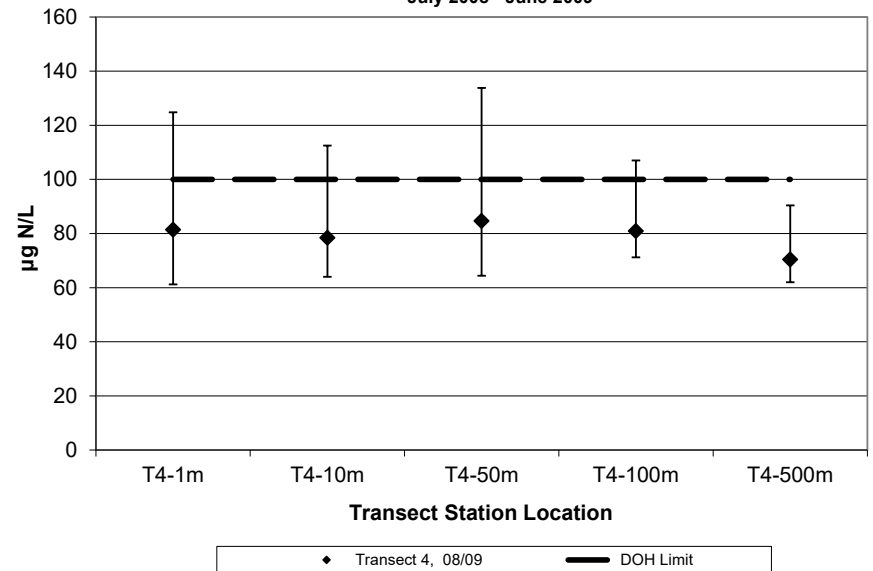
Transect 4 Station Summary
Nitrate + Nitrite Geometric Mean, July 2008 - June 2009



Transect 4 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2008 - June 2009



Transect 4 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2008 - June 2009

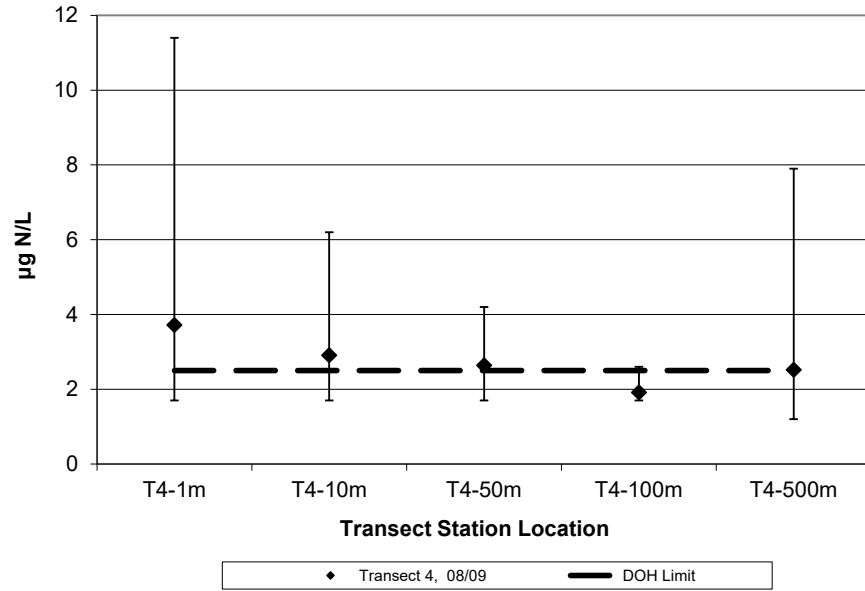


NELHA Water Quality Laboratory

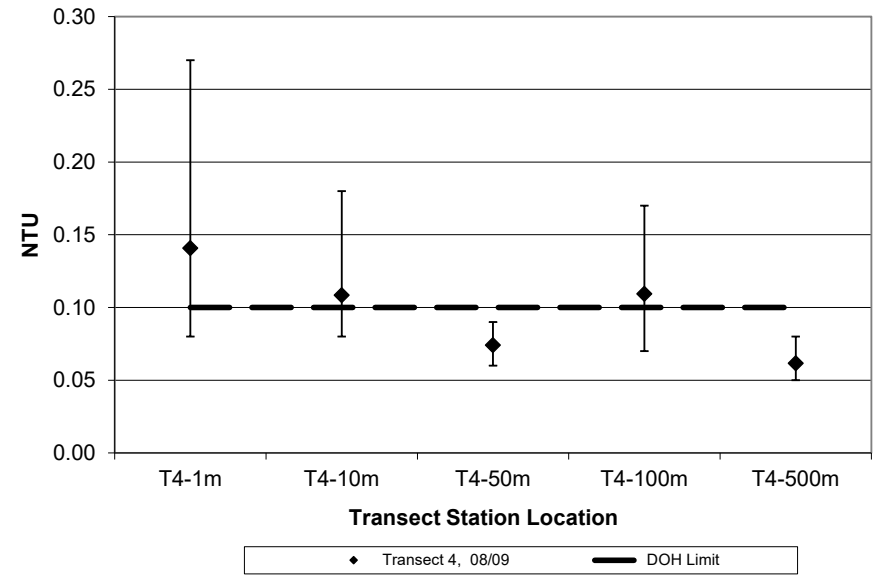
Transect 4

July 2008 - June 2009

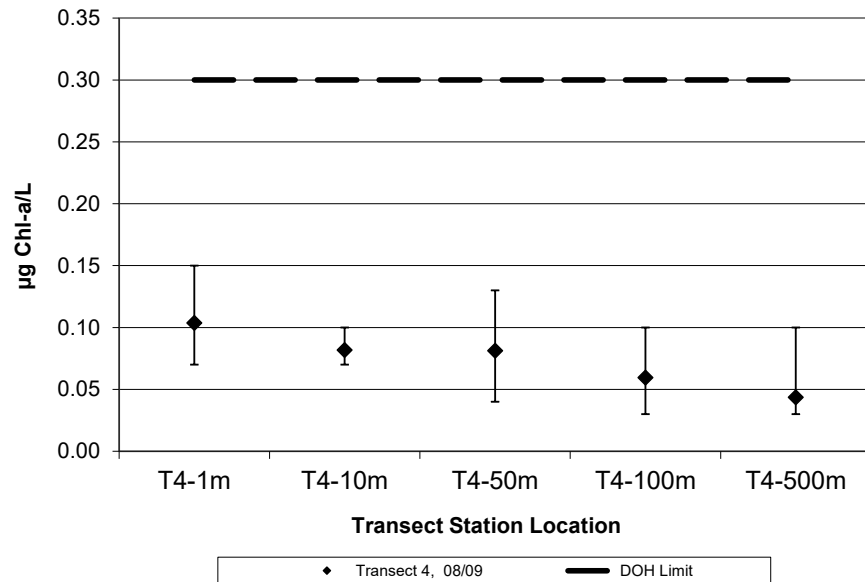
Transect 4 Station Summary
Ammonia Geometric Mean, July 2008 - June 2009



Transect 4 Station Summary
Turbidity Geometric Mean, July 2008 - June 2009



Transect 4 Station Summary
Chlorophyll-a Geometric Mean, July 2008 - June 2009



NELHA Water Quality Laboratory
FY 07/08, Transect 4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH4 (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	0.3					
T4-1m	26-Sep-07	1138	0.14	4.2	0.27	3.8	0.39	5.5	2.6	74	0.36	11.1	5.2	73	0.1	34.963	26.8	8.10	6.12	0.09
T4-1m	14-Dec-07	902	0.09	2.8	0.07	1.0	2.8	79	0.34	10.6	5.2	73	0.07	34.705	25.7	8.25	6.82	6.31	0.31	
T4-1m	11-Mar-08	912	0.14	4.2	0.78	10.9	0.06	0.8	12.4	350	0.24	7.5	6.6	92	0.09	34.853	24.8	8.07	6.65	0.65
T4-1m	9-Jun-08	950	0.09	2.9	0.37	5.2	0.16	2.2	10.7	299	0.28	8.7	5.9	83	0.19	34.664	25.1	8.09	6.04	0.30
Geomean	07/08		0.11	3.5	0.27	3.8	0.2	2.1		0.3	9.4	5.7	80	0.11					0.21	
T4-10m	26-Sep-07	1147	0.13	4.0	0.61	8.5	0.25	3.5	13.6	383	0.41	12.6	5.86	82	0.10	34.929	26.9	8.24	6.78	0.17
T4-10m	14-Dec-07	904	0.08	2.4	0.05	0.7	3.4	95	0.31	9.5	6.08	85	0.12	34.722	25.6	8.22	6.70	6.31	0.31	
T4-10m	11-Mar-08	914	0.21	6.5	0.55	7.7	0.06	0.8	3.1	86	0.26	7.9	5.01	70	0.11	34.865	24.8	8.08	6.63	0.51
T4-10m	9-Jun-08	955	0.07	2.2	0.32	4.5	0.16	2.2	7.6	214	0.34	10.4	5.97	84	0.12	34.664	25.1	8.1	5.96	0.26
Geomean	07/08		0.11	3.4	0.27	3.8	0.13	1.8		0.32	10.0	5.7	80	0.10					0.17	
T4-50m	26-Sep-07	1155	0.15	4.8	0.30	4.2	0.26	3.7	24.2	681	0.40	12.4	6.84	96	0.10	34.952	26.9	8.20	6.63	0.18
T4-50m	14-Dec-07	907	0.08	2.4	0.01	0.1	4.8	135	0.36	11.0	5.05	71	0.10	34.735	25.6	8.22	6.70	6.22	0.22	
T4-50m	11-Mar-08	919	0.28	8.6	0.46	6.4	0.06	0.8	6.5	182	0.23	7.1	6.34	89	0.12	34.863	24.7	8.08	6.53	0.39
T4-50m	9-Jun-08	959	0.07	2.1	0.09	1.2	0.16	2.2	13.0	366	0.34	10.6	6.60	134	0.08	34.674	25.2	8.10	5.82	0.13
Geomean	07/08		0.12	3.8	0.10	1.3	0.13	1.9		0.32	10.1	6.8	95	0.11					0.21	
T4-100m	26-Sep-07	1211	0.15	4.8	0.14	2.0	0.10	1.4	5.2	147	0.47	14.5	5.8	81	0.08	34.977	26.8	8.21	6.62	0.09
T4-100m	14-Dec-07	913	0.08	2.4	0.01	0.1	3.7	104	0.30	9.3	7.0	98	0.07	34.729	25.7	8.22	6.59	6.17	0.17	
T4-100m	11-Mar-08	922	0.35	10.9	0.33	4.6	0.06	0.8	6.5	182	0.14	4.2	7.3	102	0.08	34.826	24.7	8.08	6.48	0.38
T4-100m	9-Jun-08	1014	0.07	2.1	0.08	1.1	0.02	0.3	10.4	293	0.24	7.5	6.3	88	0.13	34.699	25.8	8.11	5.70	0.10
Geomean	07/08		0.13	4.0	0.07	1.0	0.05	0.7		0.26	8.1	6.6	92	0.09					0.16	
T4-500m	26-Sep-07	1220	0.15	4.6	0.01	0.1	0.16	2.2	2.3	66	0.01	0.3	5.90	83	0.05	34.975	26.86	8.17	6.26	0.06
T4-500m	14-Dec-07	818	0.08	2.6	0.01	0.1	2.3	66	0.34	10.6	6.36	89	0.08	34.747	25.75	8.23	6.59	6.09	0.09	
T4-500m	11-Mar-08	928	0.03	0.8	0.14	1.9	0.06	0.8	8.3	232	0.07	2.2	6.78	95	0.12	34.867	24.81	8.10	6.54	0.36
T4-500m	9-Jun-08	1008	0.07	2.3	0.06	0.8	0.74	10.4	6.7	189	0.10	3.1	7.57	106	0.15	34.711	25.77	8.11	5.66	0.17
Geomean	07/08		0.07	2.2	0.03	0.4	0.19	2.6		0.07	2.2	6.6	93	0.09					0.13	

