

NELHA Water Quality Laboratory

Transect 3

July 2025 - June 2026

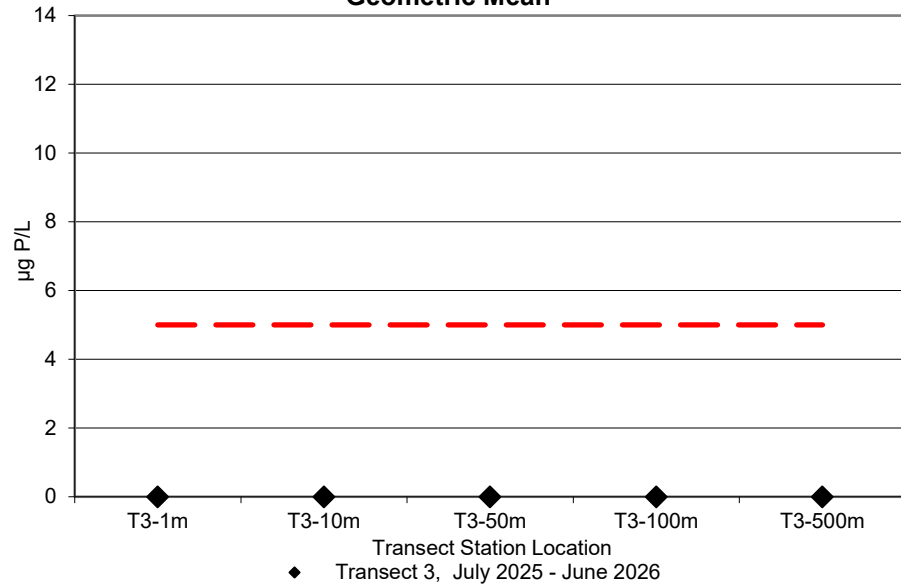
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T3-1m	9/4/25	1043	1.5	Flood	0.05	1.4	0.68	9.5	0.13	1.8	1.1	31	0.19	5.9	5.6	79	0.11	35.00	26.6	8.06	6.83	0.15	238.1
T3-1m	12/9/25	1038	1.0	Ebb	0.00	0.0	0.00	0.0	0.10	1.5	2.7	75	0.16	4.8	3.3	46	0.14	35.10	26.1	8.08	6.66	0.23	236.5
T3-1m	2/1/26				0.00		0.00		0.00		0.0		0.00		0.0								
T3-1m	5/1/26				0.00		0.00		0.00		0.0		0.00		0.0								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	1.6			#NUM!	5.3	#NUM!	60	0.12					0.19	
T3-10m	9/4/25	1047	1.5	Flood	0.04	1.3	0.58	8.1	0.11	1.5	1.4	39	0.19	6	5.9	82	0.20	34.99	26.6	8.06	6.80	0.15	238.5
T3-10m	12/9/25	1040	1.0	Ebb	0.00	0.0	0.00	0.0	0.05	0.7	1.8	50	0.18	5.5	3.3	47	0.10	35.10	26.1	8.08	6.74	0.21	239.7
T3-10m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T3-10m	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!	1.0			#NUM!	5.7	#NUM!	62	0.14					0.18	
T3-50m	9/4/25	1053	1.5	Flood	0.01	0.3	0.07	1.0	0.11	1.6	-1.5	-43	0.19	5.9	5.0	69	0.11	35.06	26.8	8.07	6.74	0.13	238.4
T3-50m	12/9/25	1046	1.0	Ebb	0.00	0.0	0.00	0.0	0.12	1.7	1.7	48	0.16	5.0	3.0	42	0.12	35.10	26.2	8.08	6.74	0.12	241.3
T3-50m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T3-50m	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!	1.6			#NUM!	5.4	#NUM!	54	0.11					0.12	
T3-100m	9/4/25	1058	1.5	Flood	0.00	0.1	0.16	2.3	0.17	2.4	-1.3	-37	0.19	5.8	5.1	72	0.10	35.07	27.2	8.06	6.68	0.15	237.3
T3-100m	12/9/25	1052	1.0	Ebb	0.00	0.0	0.00	0.0	0.13	1.8	0.7	21	0.15	4.7	3.1	43	0.09	35.13	26.5	8.08	6.65	0.13	242.4
T3-100m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.0								
T3-100m	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!	2.1			#NUM!	5.2	#NUM!	56	0.10					0.14	
T3-500m	9/4/25	1105	1.5	Flood	0.01	0.2	0.15	2.1	0.11	1.6	-1.3	-37	0.18	5.6	5.45	76	0.09	35.07	27.1	8.06	6.68	0.16	236.5
T3-500m	12/9/25	1057	1.0	Ebb	0.00	0.0	0.00	0.0	0.10	1.4	0.1	2	0.15	4.6	3.22	45	0.12	35.12	26.4	8.08	6.64	0.16	241.5
T3-500m	2/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.00								
T3-500m	5/1/26		0.0	0	0.00		0.00		0.00		0.0		0.00		0.00								
Geomear FY '26					#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	1.5			#NUM!	5.1	#NUM!	59	0.10					0.16	

NELHA Water Quality Laboratory

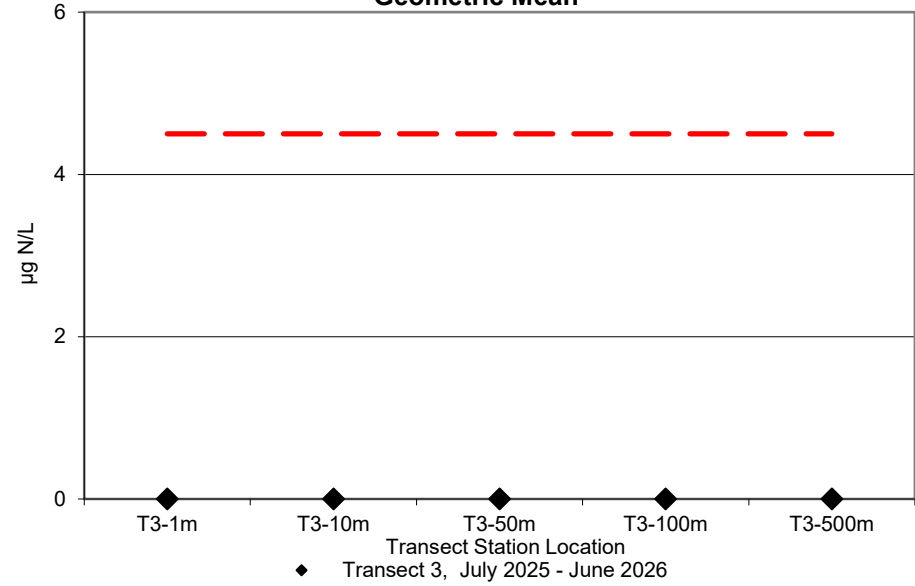
Transect 3

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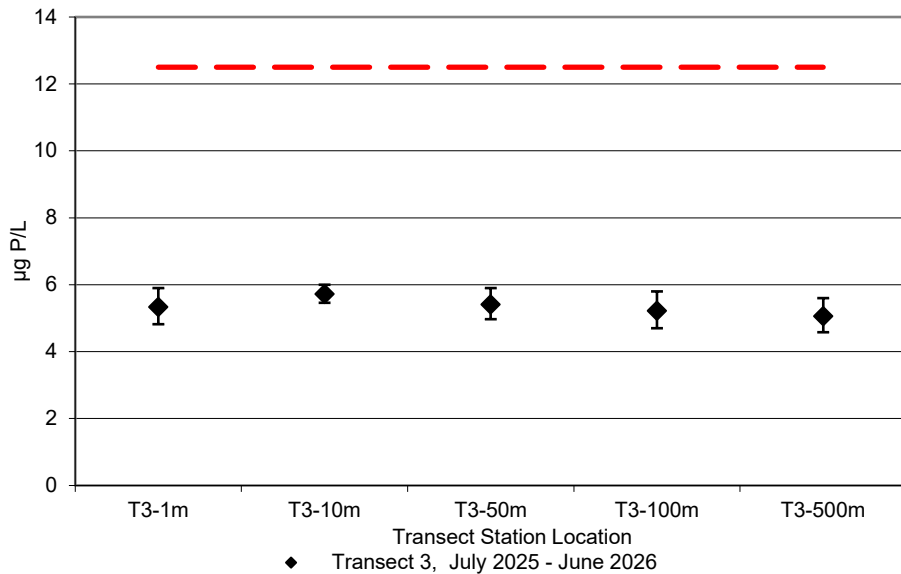
Ortho-Phosphate Geometric Mean



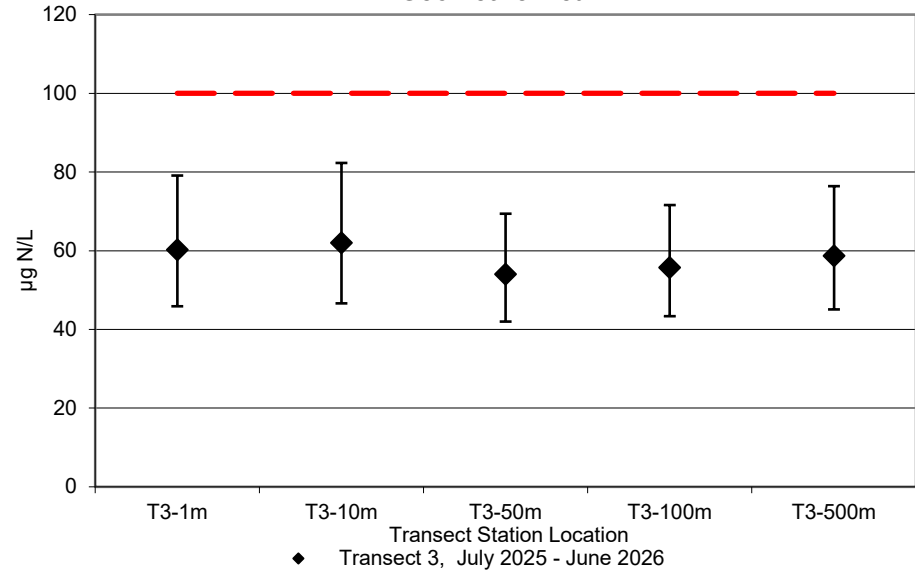
Nitrate + Nitrite Geometric Mean



Total Dissolved Phosphorous Geometric Mean



Total Dissolved Nitrogen Geometric Mean

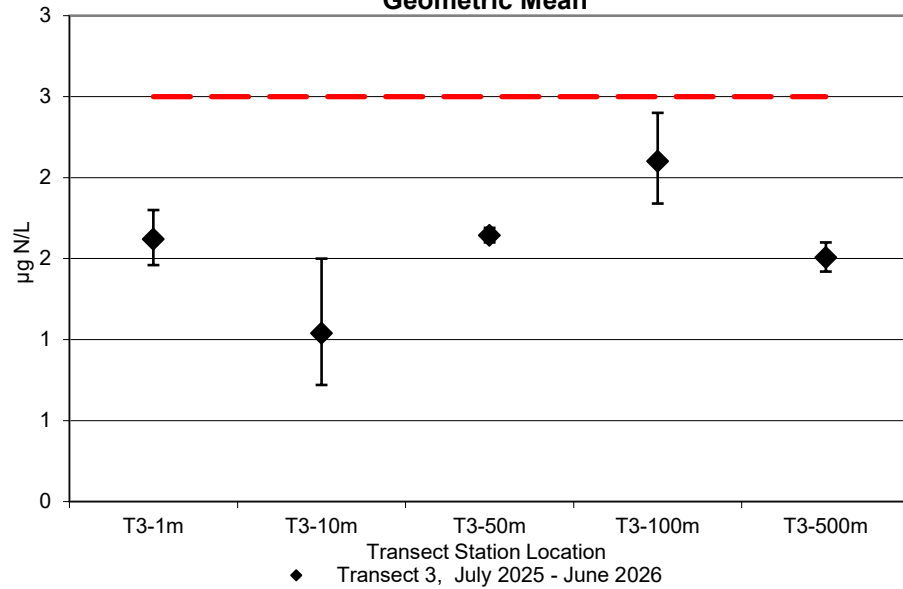


NELHA Water Quality Laboratory

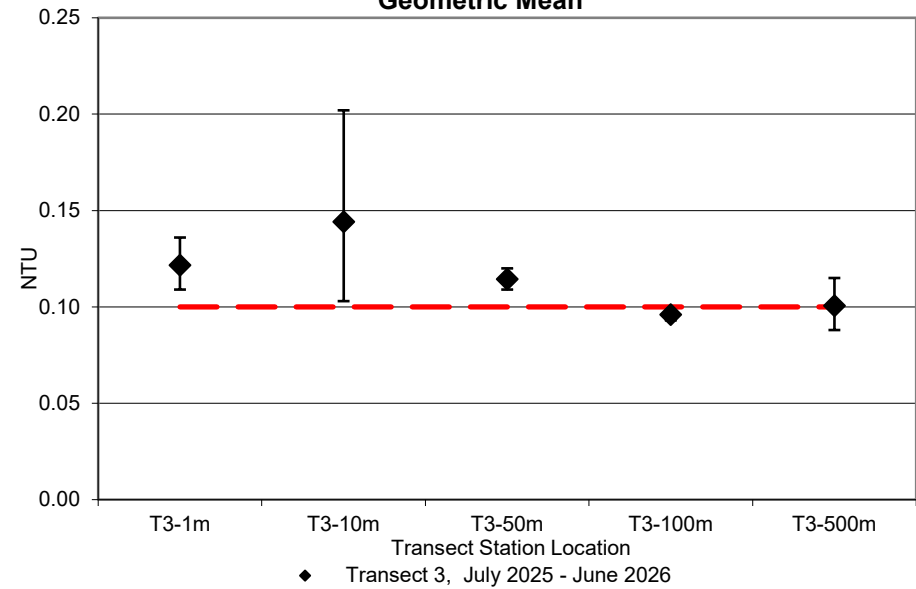
Transect 3

July 2025 - June 2026

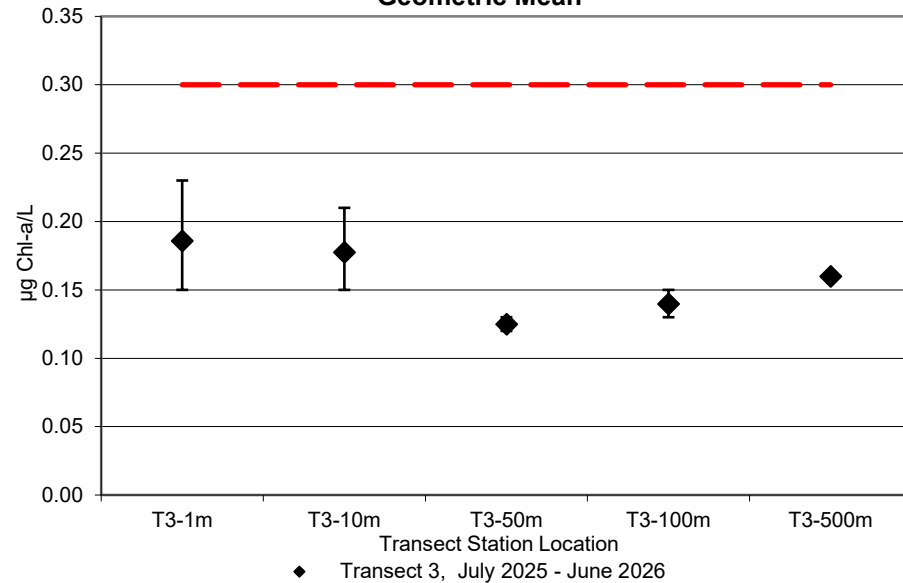
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2024 - June 2025

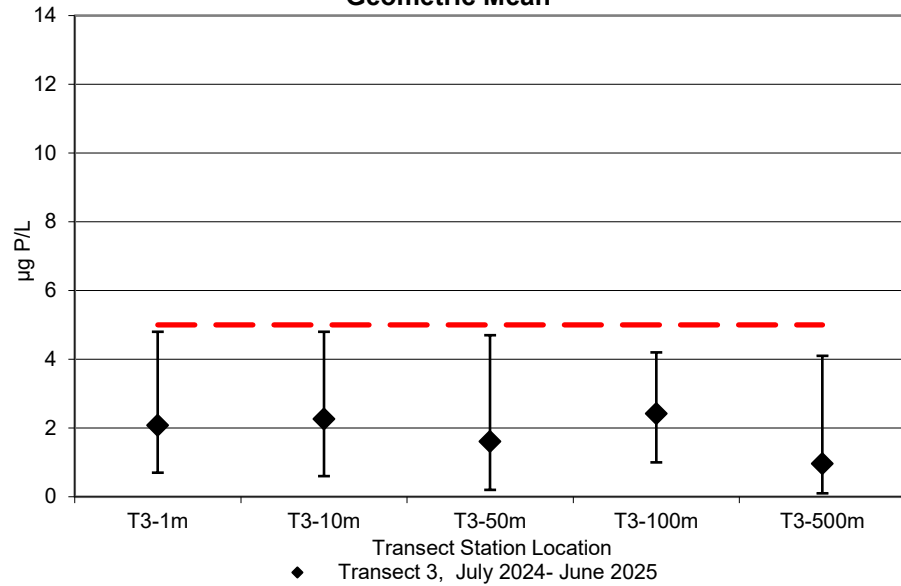
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T3-1m	8/7/24	1213	0.1	Low	0.15	4.7	0.51	7.1	0.06	0.9	2.9	81	0.27	8.3	4.7	66	0.11	34.74	26.8	8.13	6.98	0.17	230.7
T3-1m	12/18/24	1048	0.8	Ebb	0.15	4.8	0.50	7.0	0.23	3.2	1.5	43	0.28	8.7	6.6	93	0.10	34.86	25.8	8.15	7.10	0.14	246.7
T3-1m	3/5/25	1136	0.1	Ebb	0.02	0.7	0.37	5.2	0.08	1.1	0.9	26	0.15	4.6	5.3	75	0.13	35.00	25.5	8.14	7.11	0.22	221.3
T3-1m	6/20/25	1000	1.0	Flood	0.04	1.2	0.50	7.0	0.22	3.1	1.4	39	0.19	5.9	6.8	95	0.11	34.87	26.4	8.04	6.89	0.24	250.7
Geomear FY '25					0.07	2.1	0.47	6.5	0.1	1.8			0.2	6.7	5.8	81	0.11					0.19	
T3-10m	8/7/24	1219	0.1	Low	0.15	4.6	0.49	6.9	0.04	0.6	2.1	60	0.26	8.2	5.2	73	0.12	34.74	26.9	8.13	6.97	0.19	230.8
T3-10m	12/18/24	1053	0.8	Ebb	0.15	4.8	0.40	5.6	0.20	2.8	1.3	37	0.28	8.8	5.0	70	0.09	34.86	25.8	8.15	7.12	0.14	256.4
T3-10m	3/5/25	1140	0.1	Ebb	0.02	0.6	0.31	4.3	0.01	0.1	0.7	19	0.16	4.9	5.7	80	0.10	35.00	25.6	8.14	7.07	0.26	229.1
T3-10m	6/20/25	1004	1.0	Flood	0.06	2.0	0.49	6.9	0.19	2.6	1.4	40	0.18	5.7	5.6	79	0.11	34.87	26.4	8.04	6.93	0.25	250.1
Geomear FY '25					0.07	2.3	0.42	5.8	0.1	0.8			0.2	6.7	5.4	75	0.11					0.20	
T3-50m	8/7/24	1225	0.1	Low	0.12	3.6	0.28	3.9	0.07	1.0	1.4	38	0.26	7.9	5.2	74	0.11	34.75	26.9	8.12	6.88	0.19	232.0
T3-50m	12/18/24	1058	0.8	Ebb	0.15	4.7	0.12	1.7	0.17	2.4	0.6	18	0.26	8.1	4.8	68	0.06	34.89	25.8	8.15	6.78	0.11	261.7
T3-50m	3/5/25	1146	0.1	Ebb	0.01	0.2	0.10	1.4	0.03	0.4	0.3	8	0.15	4.8	5.1	72	0.09	35.01	25.9	8.13	6.87	0.30	231.1
T3-50m	6/20/25	1008	1.0	Flood	0.06	2.0	0.50	7.0	0.11	1.6	1.4	40	0.17	5.4	6.0	84	0.11	34.88	26.5	8.04	6.80	0.27	249.0
Geomear FY '25					0.05	1.6	0.20	2.8	0.1	1.1			0.2	6.4	5.3	74	0.09					0.20	
T3-100m	8/7/24	1234	0.1	Low	0.13	4.1	0.04	0.6	0.21	3.0	0.6	18	0.26	8.0	4.3	60	0.11	34.79	27.1	8.12	6.70	0.12	231.6
T3-100m	12/18/24	1103	0.8	Ebb	0.14	4.2	0.04	0.6	0.15	2.1	0.5	14	0.26	7.9	5.2	73	0.08	34.89	25.9	8.14	6.72	0.11	264.5
T3-100m	3/5/25	1151	0.1	Ebb	0.06	2.0	0.08	1.1	0.06	0.9	0.5	15	0.15	4.5	5.2	73	0.09	35.01	26.3	8.12	6.80	0.36	232.7
T3-100m	6/20/25	1012	1.0	Flood	0.03	1.0	0.19	2.7	0.01	0.1	1.1	31	0.17	5.4	6.3	88	0.10	34.88	26.4	8.05	6.74	0.25	249.3
Geomear FY '25					0.08	2.4	0.07	1.0	0.1	0.9			0.2	6.3	5.2	73	0.09					0.19	
T3-500m	8/7/24	1241	0.1	Low	0.12	3.6	0.01	0.1	0.11	1.5	0.0	1	0.26	8.1	4.51	63	0.13	34.82	27.5	8.11	6.64	0.10	231.3
T3-500m	12/18/24	1111	0.8	Ebb	0.13	4.1	0.02	0.3	0.16	2.3	0.4	11	0.27	8.4	5.03	71	0.06	34.90	25.9	8.15	6.72	0.12	266.7
T3-500m	3/5/25	1200	0.1	Ebb	0.00	0.1	0.05	0.7	0.01	0.1	0.2	7	0.16	5.1	5.58	78	0.08	35.01	26.3	8.13	6.80	0.25	235.7
T3-500m	6/20/25	1018	1.0	Flood	0.02	0.6	0.04	0.5	0.11	1.5	0.0	1	0.18	5.5	5.88	82	0.10	34.88	26.9	8.05	6.72	0.17	250.0
Geomear FY '25					0.03	1.0	0.02	0.3	0.1	0.8			0.2	6.6	5.2	73	0.09					0.15	

NELHA Water Quality Laboratory

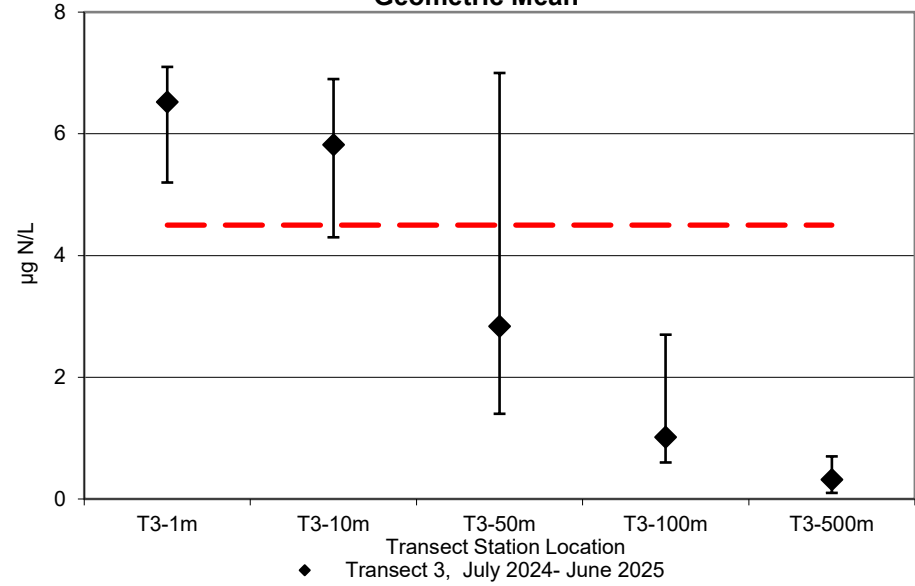
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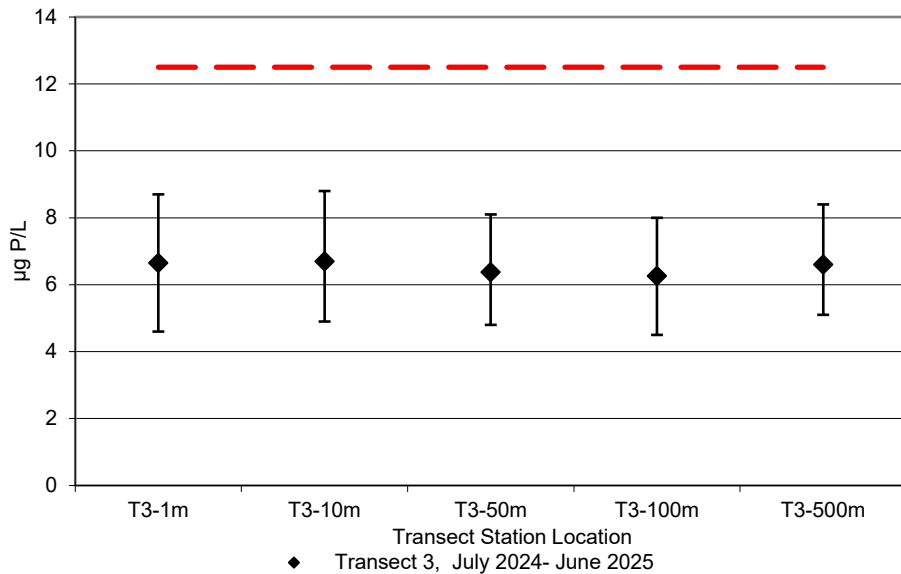
**Ortho-Phosphate
Geometric Mean**



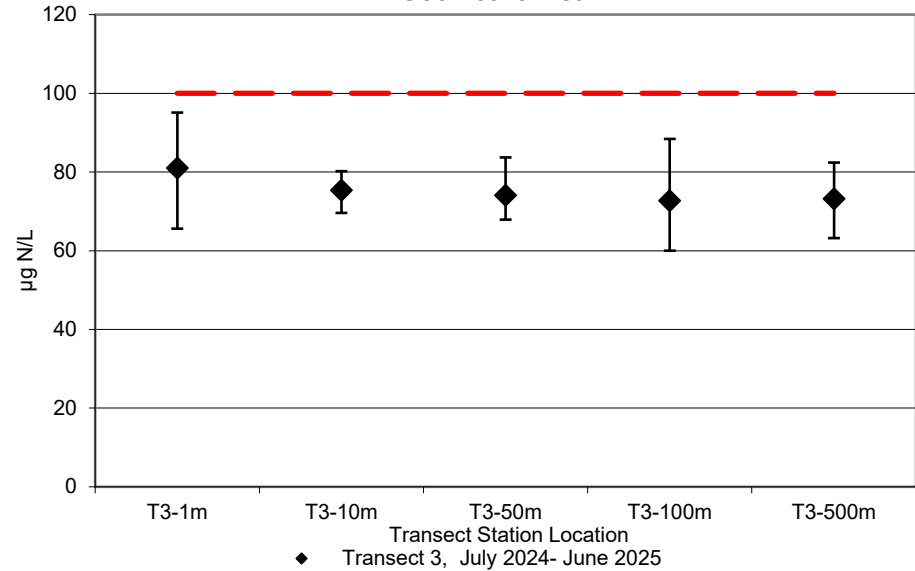
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

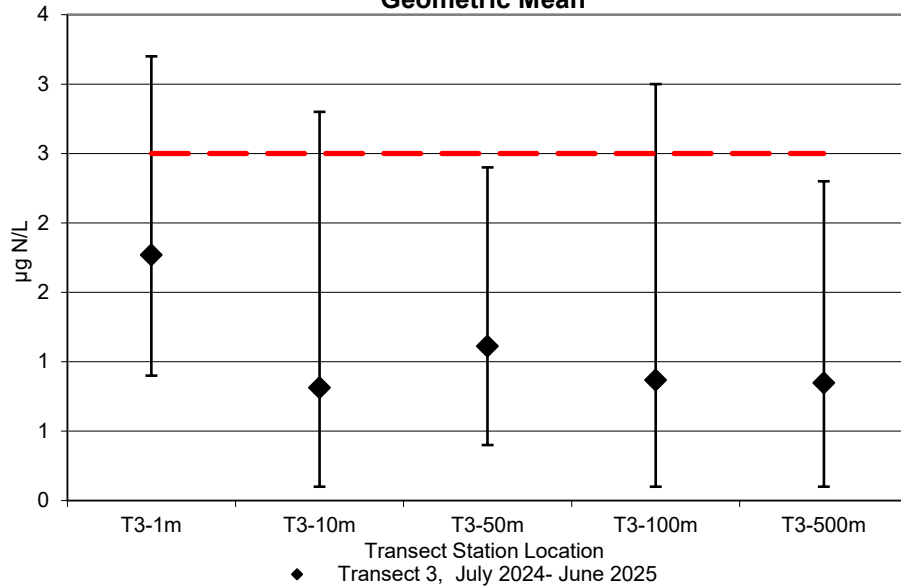


NELHA Water Quality Laboratory

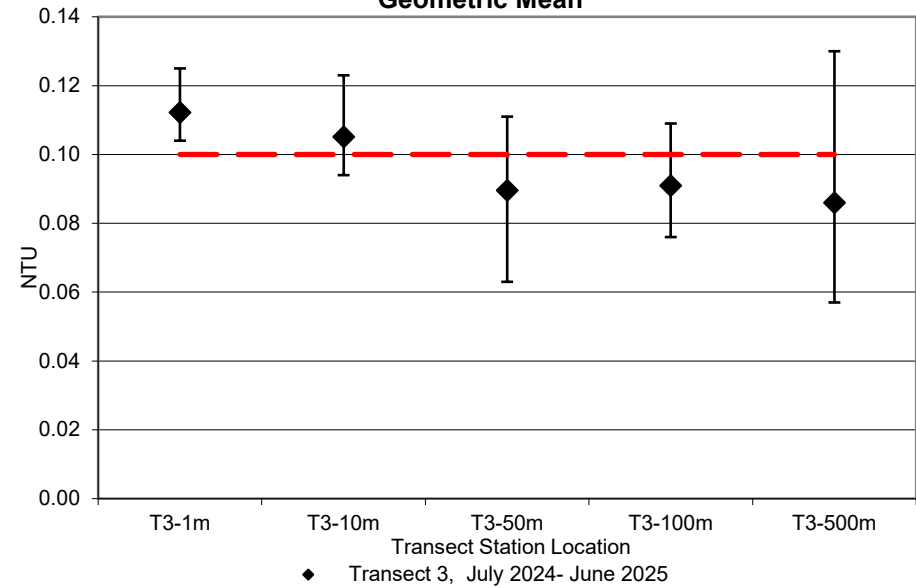
Transect 3

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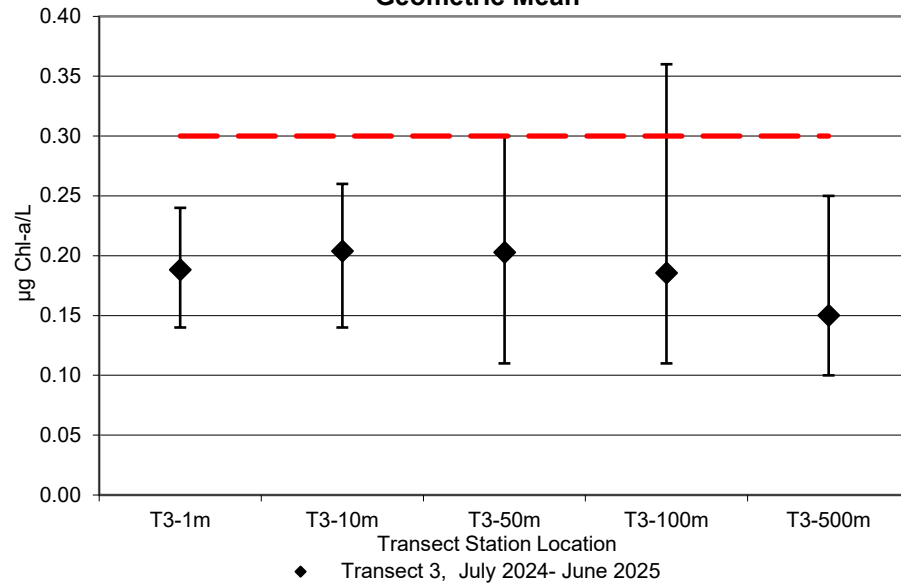
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2023 - June 2024

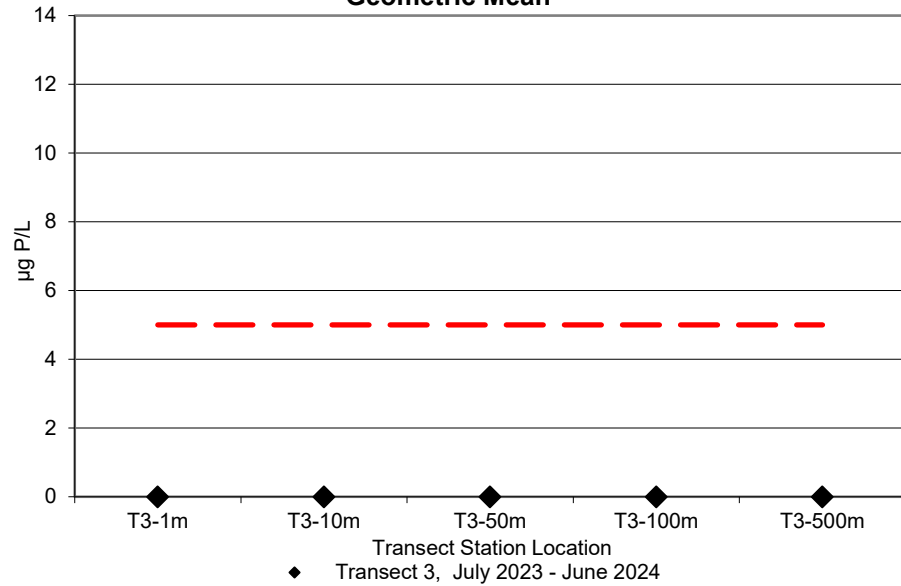
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a	ORP
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	(mV)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T3-1m	9/13/23	1007	0.2	Flood	0.09	2.9	0.39	5.4	0.25	3.5	1.9	53	0.27	8.4	5.3	75	0.14	34.79	26.8	8.09	6.86	0.38	169.9
T3-1m	12/6/23	1026	1.5	High	0.09	2.7	0.30	4.2	0.35	4.9	0.8	22	0.27	8.5	4.5	64	0.14	34.99	26.5	8.12	6.99	0.18	173.4
T3-1m	2/21/24	1100	0.4	Flood	-0.09	-2.9	0.67	9.4	0.24	3.3	0.8	23	0.07	2.3	5.5	77	0.12	35.06	25.1	8.11	7.13	0.14	188.2
T3-1m	6/18/24	1056	1.1	Flood	0.16	5.0	0.51	7.2	0.36	5.1	2.1	58	0.32	9.8	4.9	68	0.20	34.88	26.5	8.10	6.95	0.13	208.6
Geomear FY '24					#NUM!	#NUM!	0.45	6.3	0.3	4.1			0.2	6.3	5.0	71	0.15					0.19	
T3-10m	9/13/23	1012	0.2	Flood	0.10	3.0	0.43	6.0	0.16	2.3	2.1	59	0.23	7.2	5.5	78	0.14	34.79	26.9	8.09	6.86	0.35	169.8
T3-10m	12/6/23	1030	1.5	High	0.04	1.2	0.25	3.5	0.49	6.9	0.8	22	0.31	9.6	5.1	72	0.13	35.00	26.5	8.12	6.89	0.20	180.1
T3-10m	2/21/24	1106	0.4	Flood	-0.01	-0.2	0.43	6.0	0.25	3.5	0.1	3	0.05	1.4	5.2	74	0.13	35.08	25.1	8.11	6.96	0.16	191.2
T3-10m	6/18/24	1103	1.1	Flood	0.15	4.7	0.61	8.6	0.46	6.5	2.1	58	0.32	9.8	5.3	75	0.15	34.88	26.5	8.10	6.91	0.19	221.2
Geomear FY '24					#NUM!	#NUM!	0.41	5.7	0.3	4.4			0.2	5.5	5.3	74	0.14					0.21	
T3-50m	9/13/23	1016	0.2	Flood	0.10	3.0	0.31	4.4	0.08	1.1	1.5	42	0.20	6.2	5.3	74	0.16	34.81	27.0	8.09	6.83	0.33	172.2
T3-50m	12/6/23	1035	1.5	High	0.02	0.7	0.20	2.8	0.44	6.1	0.7	21	0.29	9.1	4.8	67	0.14	35.00	26.6	8.12	6.75	0.20	183.3
T3-50m	2/21/24	1112	0.4	Flood	-0.05	-1.5	0.29	4.1	0.16	2.2	-0.1	-3	0.15	4.5	5.0	71	0.15	35.08	25.1	8.11	6.85	0.15	193.1
T3-50m	6/18/24	1111	1.1	Flood	0.16	4.9	0.47	6.6	0.39	5.5	2.0	57	0.29	9.0	5.0	70	0.14	34.88	26.5	8.10	6.80	0.14	225.7
Geomear FY '24					#NUM!	#NUM!	0.31	4.3	0.2	3.0			0.2	6.9	5.0	70	0.15					0.19	
T3-100m	9/13/23	1022	0.2	Flood	0.12	3.7	0.15	2.1	0.00	0.0	0.6	16	0.22	6.8	5.4	75	0.25	34.84	26.9	8.09	6.73	0.21	169.7
T3-100m	12/6/23	1040	1.5	High	0.20	6.2	0.15	2.1	0.27	3.8	0.7	20	0.25	7.7	4.6	65	0.13	35.00	26.5	8.12	6.76	0.21	184.9
T3-100m	2/21/24	1118	0.4	Flood	-0.10	-3.2	0.21	3.0	0.14	1.9	-0.6	-18	0.12	3.7	5.0	70	0.11	35.09	25.1	8.11	6.80	0.17	194.0
T3-100m	6/18/24	1117	1.1	Flood	0.15	4.8	0.23	3.2	0.30	4.2	1.8	51	0.31	9.6	4.3	60	0.17	34.89	26.5	8.10	6.78	0.15	227.8
Geomear FY '24					#NUM!	#NUM!	0.18	2.6	#NUM!	#NUM!			0.2	6.6	4.8	67	0.16					0.18	
T3-500m	9/13/23	1030	0.2	Flood	0.05	1.6	0.19	2.7	0.07	1.0	1.1	32	0.21	6.6	5.17	72	0.12	34.80	27.4	8.09	6.69	0.42	167.8
T3-500m	12/6/23	1048	1.5	High	0.11	3.5	0.12	1.7	0.17	2.4	0.9	27	0.32	9.9	5.85	82	0.11	34.96	26.6	8.12	6.65	0.25	187.8
T3-500m	2/21/24	1129	0.4	Flood	-0.03	-0.8	0.15	2.1	0.14	1.9	-0.2	-6	0.15	4.5	5.60	79	0.14	35.09	25.1	8.11	6.79	0.20	195.7
T3-500m	6/18/24	1128	1.1	Flood	0.13	4.0	0.26	3.6	0.29	4.1	2.9	82	0.30	9.4	4.75	67	0.15	34.82	26.7	8.10	6.67	0.16	229.2
Geomear FY '24					#NUM!	#NUM!	0.17	2.4	0.1	2.1			0.2	7.3	5.3	75	0.13					0.24	

NELHA Water Quality Laboratory

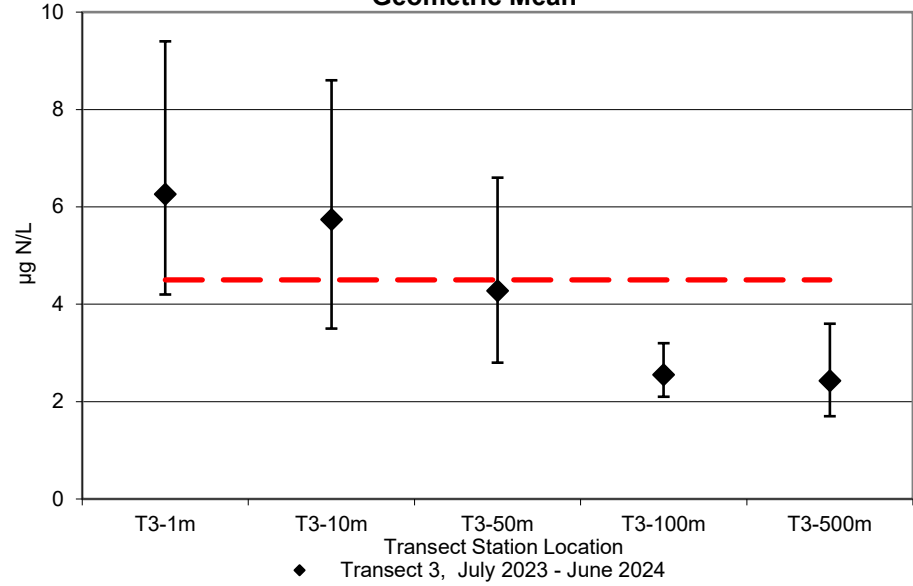
Transect 3

July 2023 - June 2024

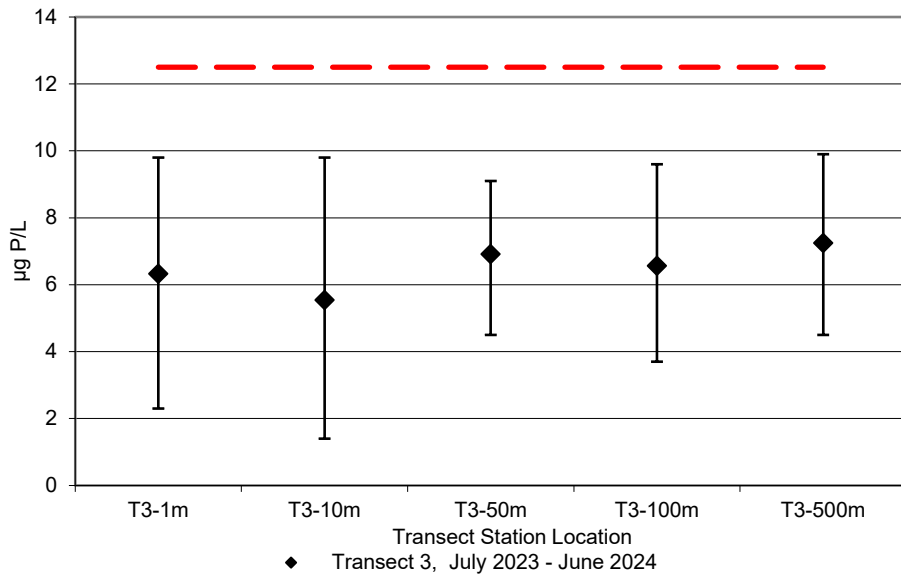
Ortho-Phosphate Geometric Mean



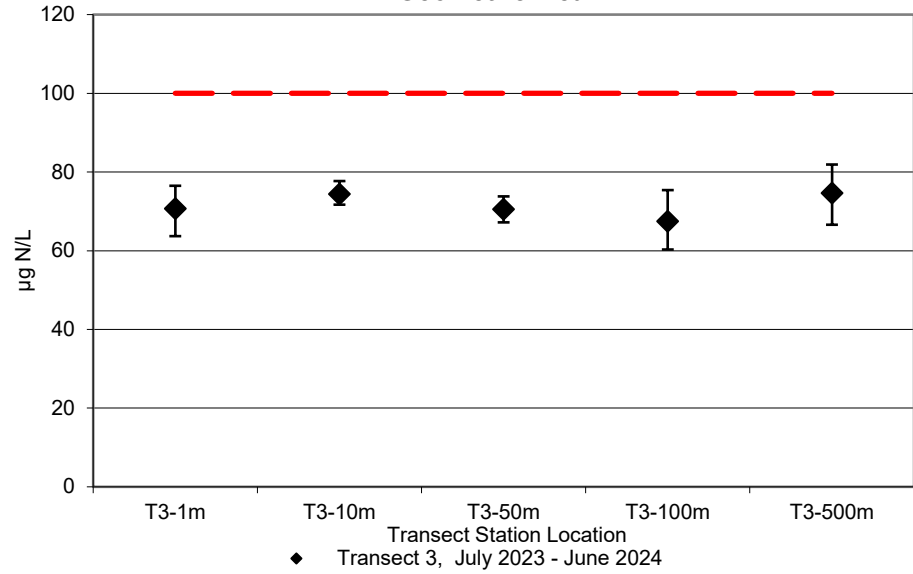
Nitrate + Nitrite Geometric Mean



Total Dissolved Phosphorous Geometric Mean



Total Dissolved Nitrogen Geometric Mean

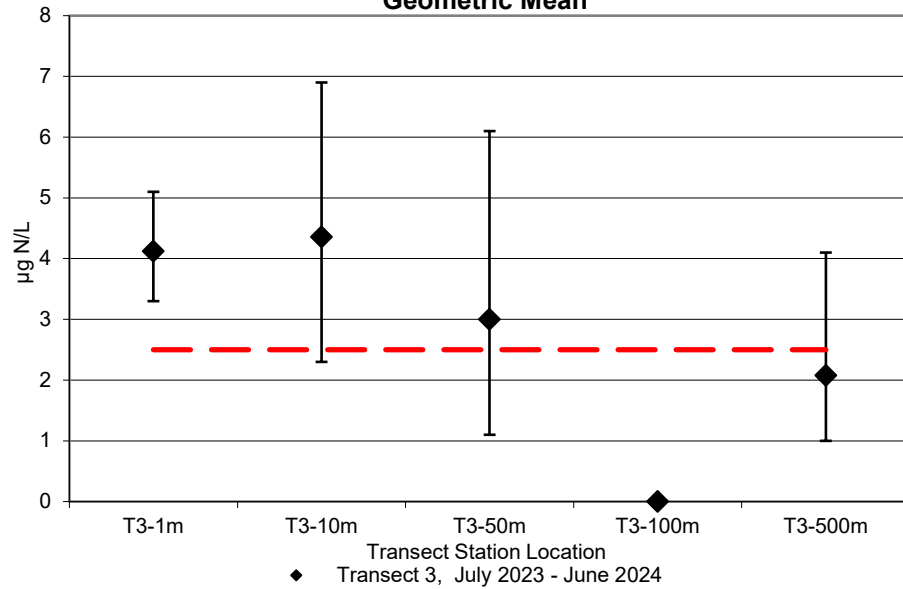


NELHA Water Quality Laboratory

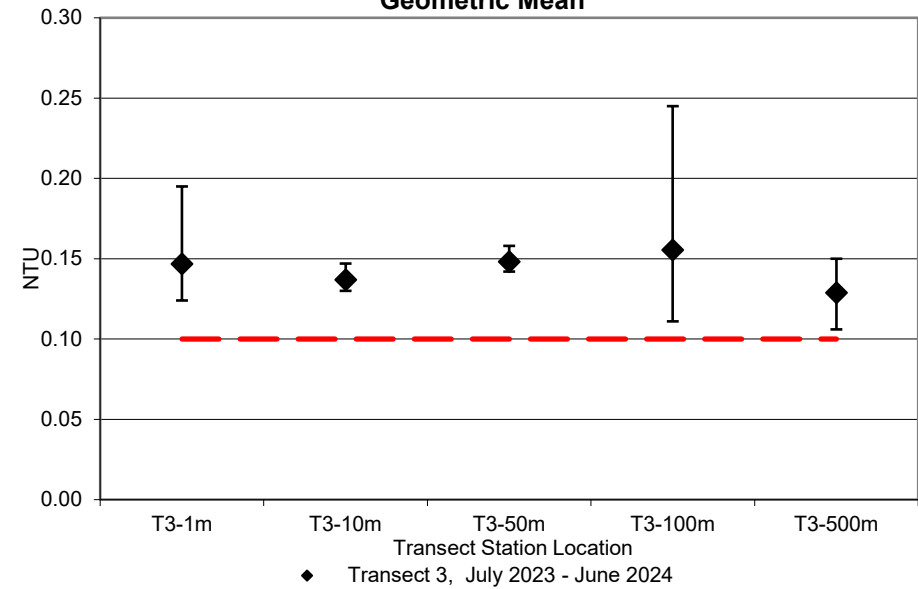
Transect 3

July 2023 - June 2024

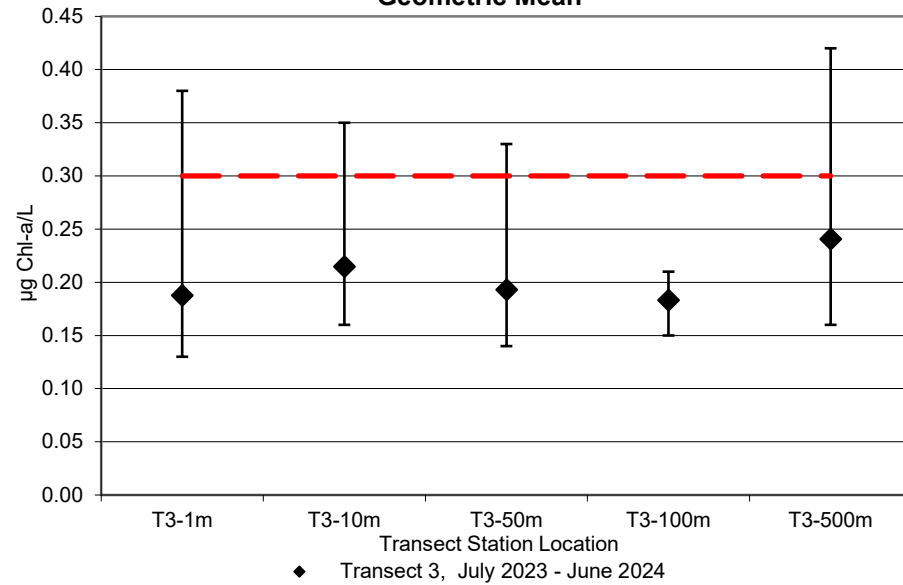
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2022 - June 2023

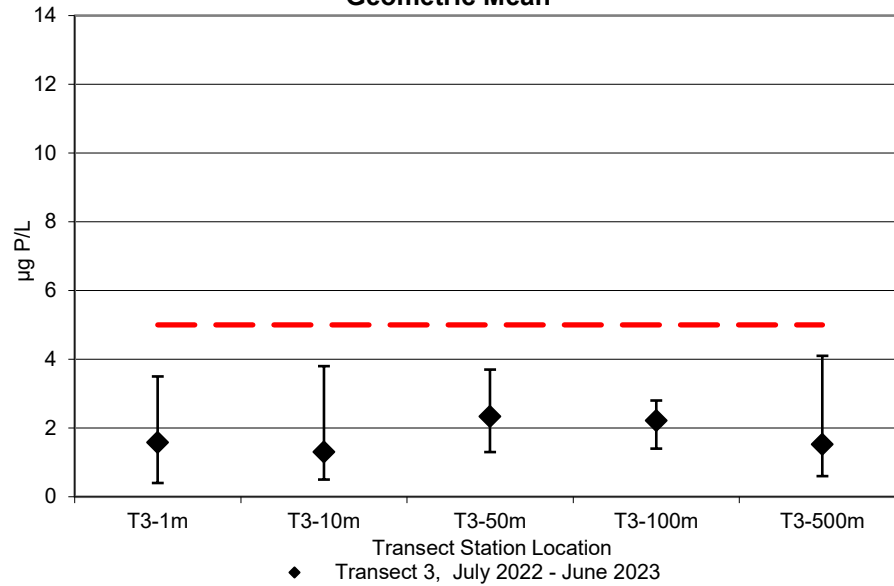
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	9/21/22	957	1.0	Flood	0.01	0.4	0.29	4.1	0.05	0.7	0.5	13	0.28	8.6	5.3	74	0.11	34.93	27.0	8.13	6.91	0.19
T3-1m	12/27/22	1026	0.4	Ebb	0.08	2.5	0.27	3.8	0.08	1.1	0.6	18	0.17	5.4	5.1	72	0.07	34.96	25.7	8.14	7.02	0.25
T3-1m	3/15/23	935	0.6	Ebb	0.11	3.5	0.45	6.3	0.11	1.6	2.1	59	0.26	8.1	5.9	83	0.08	34.69	24.5	8.09	7.13	0.28
T3-1m	5/15/23	1013	0.6	Flood	0.06	1.8	0.41	5.8	0.11	1.6	1.8	50	0.20	6.1	4.2	59	0.10	34.72	25.7	8.07	6.97	0.14
Geomear FY '23					0.05	1.6	0.35	4.9	0.1	1.2			0.2	6.9	5.1	71	0.09					0.21
T3-10m	9/21/22	1002	1.0	Flood	0.04	1.1	0.30	4.2	0.21	2.9	0.4	10	0.26	8	4.5	63	0.19	34.93	27.0	8.12	6.77	0.20
T3-10m	12/27/22	1030	0.4	Ebb	0.02	0.5	0.27	3.8	0.15	2.1	0.6	18	0.17	5.3	4.9	69	0.11	34.96	25.7	8.14	6.96	0.21
T3-10m	3/15/23	939	0.6	Ebb	0.12	3.8	0.56	7.8	0.16	2.2	2.3	65	0.23	7.1	4.8	67	0.13	34.70	24.5	8.09	7.06	0.20
T3-10m	5/15/23	1017	0.6	Flood	0.05	1.4	0.44	6.1	0.24	3.3	1.5	43	0.20	6.3	4.6	64	0.13	34.72	25.7	8.07	6.93	0.14
Geomear FY '23					0.04	1.3	0.37	5.2	0.2	2.6			0.2	6.6	4.7	66	0.14					0.19
T3-50m	9/21/22	1008	1.0	Flood	0.08	2.5	0.11	1.6	0.08	1.1	0.0	-1	0.21	6.4	3.9	54	0.11	34.93	27.0	8.13	6.70	0.23
T3-50m	12/27/22	1035	0.4	Ebb	0.08	2.5	0.11	1.5	0.05	0.7	0.2	7	0.16	5.1	4.8	67	0.10	34.96	25.8	8.14	6.78	0.28
T3-50m	3/15/23	944	0.6	Ebb	0.12	3.7	0.51	7.2	0.19	2.7	2.7	76	0.23	7.1	5.2	73	0.15	34.68	24.5	8.09	7.00	0.33
T3-50m	5/15/23	1022	0.6	Flood	0.04	1.3	0.37	5.2	0.19	2.7	2.0	56	0.22	6.7	6.3	88	0.12	34.69	25.7	8.08	6.98	0.17
Geomear FY '23					0.08	2.3	0.22	3.1	0.1	1.5			0.2	6.3	5.0	69	0.12					0.25
T3-100m	9/21/22	1015	1.0	Flood	0.08	2.5	0.05	0.7	0.09	1.2	-0.3	-7	0.21	6.6	3.9	54	0.16	34.94	26.9	8.13	6.73	0.22
T3-100m	12/27/22	1039	0.4	Ebb	0.08	2.5	0.06	0.8	0.11	1.5	0.3	8	0.17	5.2	4.7	66	0.08	34.96	25.9	8.14	6.73	0.29
T3-100m	3/15/23	950	0.6	Ebb	0.09	2.8	0.15	2.1	0.16	2.2	1.4	38	0.21	6.5	5.0	70	0.12	34.72	24.7	8.10	6.93	0.29
T3-100m	5/15/23	1028	0.6	Flood	0.05	1.4	0.36	5.1	0.09	1.3	2.9	80	0.21	6.4	4.6	65	0.12	34.67	25.8	8.08	6.77	0.19
Geomear FY '23					0.07	2.2	0.11	1.6	0.1	1.5			0.2	6.1	4.5	63	0.12					0.24
T3-500m	9/21/22	1022	1.0	Flood	0.03	0.9	0.09	1.3	0.21	3.0	0.2	6	0.19	5.8	4.45	62	0.14	34.92	27.1	8.13	6.67	0.22
T3-500m	12/27/22	1045	0.4	Ebb	0.08	2.5	0.08	1.1	0.01	0.2	0.4	13	0.19	5.8	5.00	70	0.09	34.95	25.8	8.15	6.72	0.24
T3-500m	3/15/23	959	0.6	Ebb	0.13	4.1	1.05	14.7	0.09	1.2	7.0	198	0.25	7.8	5.64	79	0.11	34.49	24.7	8.08	6.84	0.43
T3-500m	5/15/23	1035	0.6	Flood	0.02	0.6	0.11	1.5	0.06	0.8	1.2	35	0.20	6.2	4.95	69	0.09	34.73	26.0	8.09	6.77	0.19
Geomear FY '23					0.05	1.5	0.17	2.4	0.1	0.9			0.2	6.4	5.0	70	0.11					0.26

NELHA Water Quality Laboratory

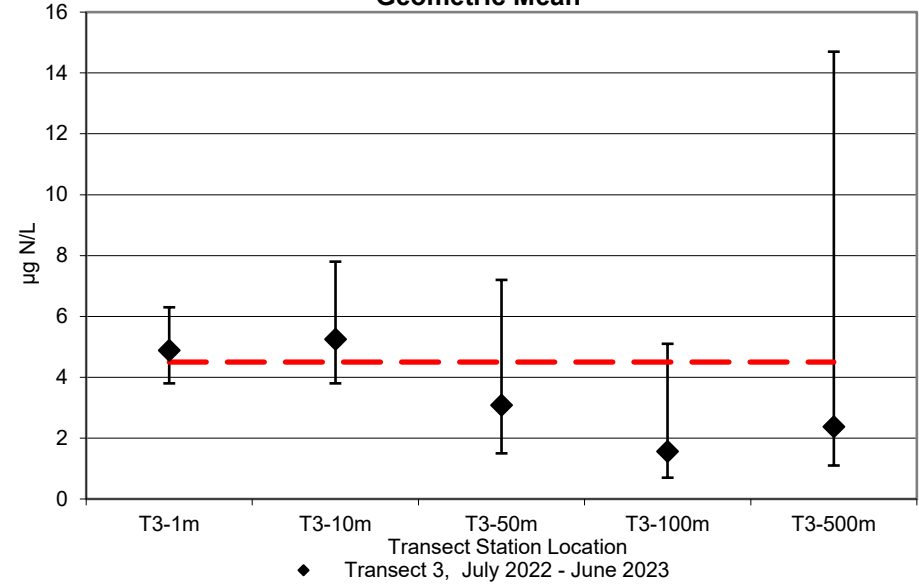
Transect 3

July 2022 - June 2023

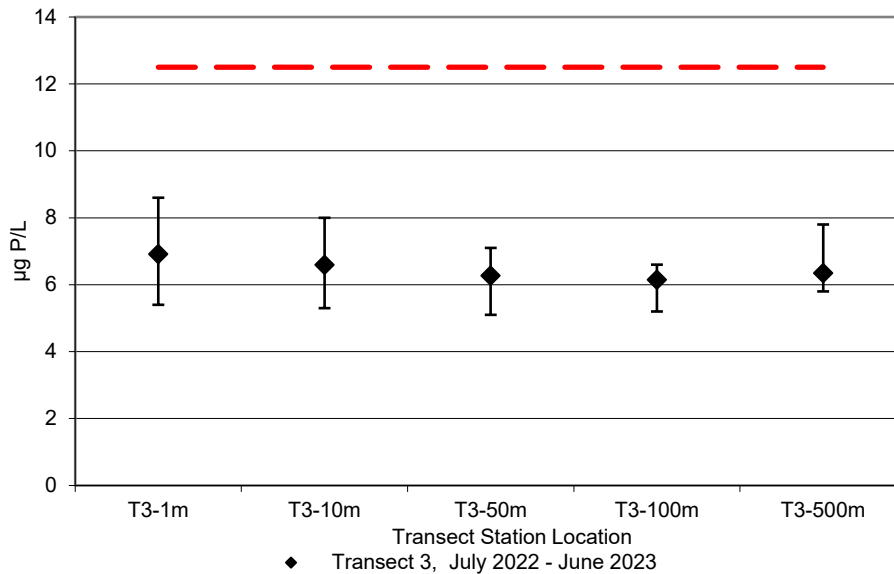
**Ortho-Phosphate
Geometric Mean**



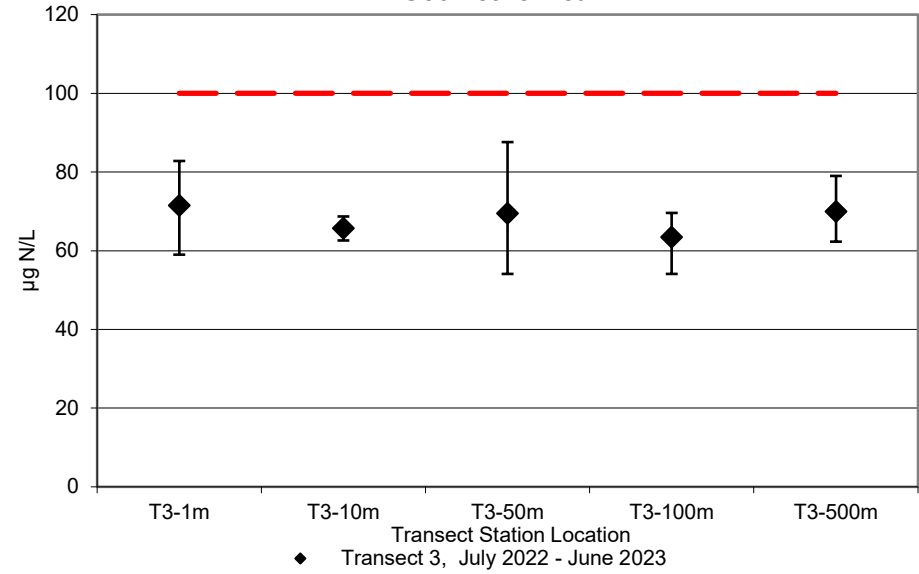
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

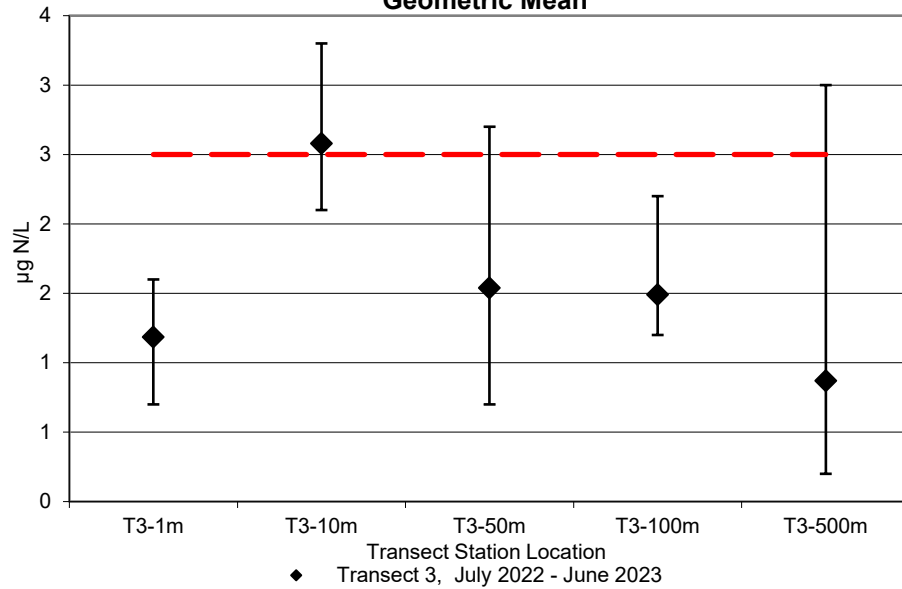


NELHA Water Quality Laboratory

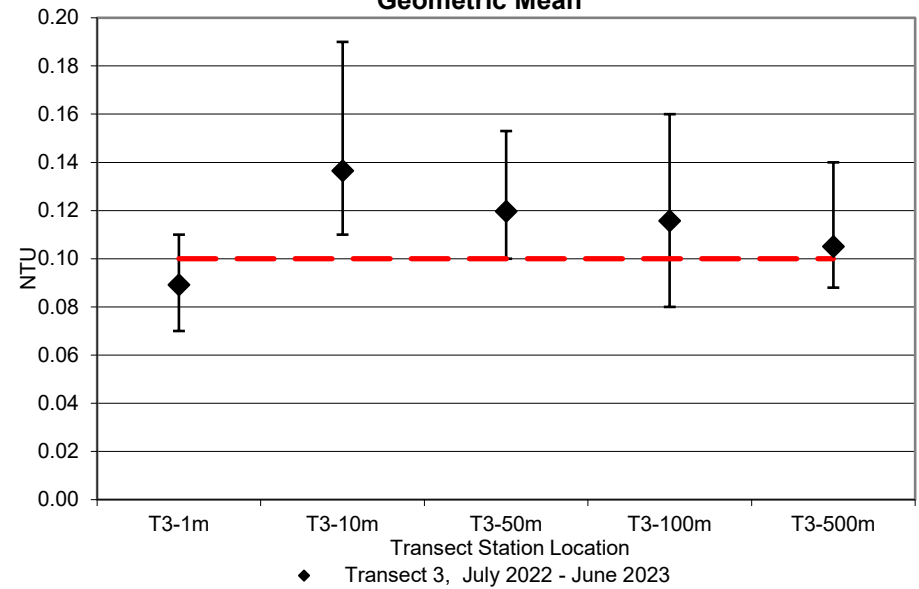
Transect 3

July 2022 - June 2023

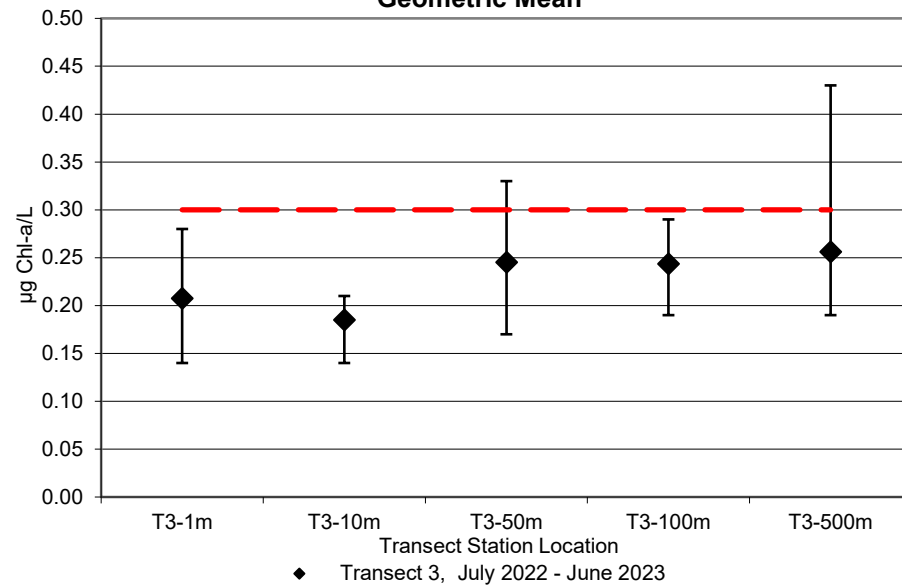
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 3

July 2021 - June 2022

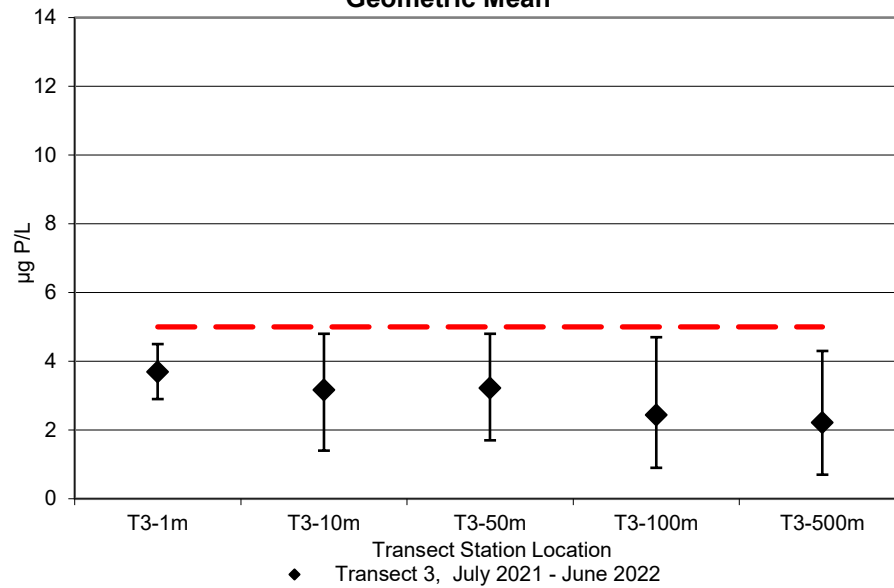
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	9/24/21	932	0.3	Ebb	0.09	2.9	0.36	5.1	0.24	3.4	0.4	12	0.23	7.0	4.3	61	0.09	35.54	26.6	8.01	6.89	0.17
T3-1m	12/14/21	1029	1.2	Flood	0.13	4.1	0.43	6.0	0.11	1.6	1.0	28	0.28	8.6	5.0	71	0.07	35.10	25.9	8.12	6.89	0.12
T3-1m	3/16/22	851	0.1	Low	0.15	4.5	0.78	10.9	0.01	0.1	1.8	50	0.33	10.2	4.9	68	0.08	34.94	25.4	8.09	6.96	0.21
T3-1m	6/8/22	1012	1.0	Flood	0.11	3.5	0.23	3.2	0.33	4.6	0.6	18	0.26	8.0	4.4	62	0.13	34.48	26.2	8.08	6.98	0.20
Geomear FY '22					0.12	3.7	0.41	5.7	0.1	1.3			0.3	8.4	4.7	65	0.09					0.17
T3-10m	9/24/21	936	0.3	Ebb	0.05	1.4	0.34	4.8	0.24	3.4	0.4	11	0.21	6.4	4.6	65	0.08	35.55	26.6	8.01	6.87	0.15
T3-10m	12/14/21	1033	1.2	Flood	0.14	4.4	0.44	6.1	0.19	2.6	0.8	22	0.28	8.8	5.0	70	0.13	35.10	25.9	8.12	6.82	0.14
T3-10m	3/16/22	856	0.1	Low	0.15	4.8	0.55	7.7	0.08	1.1	1.1	31	0.34	10.6	4.6	65	0.03	34.91	25.4	8.04	6.95	0.19
T3-10m	6/8/22	1017	1.0	Flood	0.11	3.4	0.22	3.1	0.44	6.1	0.6	17	0.27	8.3	4.3	60	0.09	34.49	26.2	8.07	6.89	0.22
Geomear FY '22					0.10	3.2	0.37	5.1	0.2	2.8			0.3	8.4	4.6	65	0.07					0.17
T3-50m	9/24/21	942	0.3	Ebb	0.05	1.7	0.31	4.3	0.20	2.8	0.4	11	0.22	6.7	5.1	72	0.09	35.54	26.7	8.01	6.79	0.15
T3-50m	12/14/21	1038	1.2	Flood	0.15	4.8	0.48	6.7	0.21	3.0	1.2	33	0.28	8.6	4.5	63	0.06	35.10	25.9	8.12	6.80	0.14
T3-50m	3/16/22	902	0.1	Low	0.13	3.9	0.20	2.8	0.04	0.5	0.8	21	0.34	10.4	4.3	60	0.06	34.91	25.4	8.06	6.81	0.23
T3-50m	6/8/22	1022	1.0	Flood	0.11	3.4	0.18	2.5	0.46	6.4	0.7	20	0.28	8.6	4.2	59	0.10	34.49	26.3	8.07	6.81	0.19
Geomear FY '22					0.10	3.2	0.27	3.8	0.2	2.3			0.3	8.5	4.5	63	0.08					0.17
T3-100m	9/24/21	947	0.3	Ebb	0.03	0.9	0.06	0.9	0.29	4.0	-0.3	-7	0.20	6.3	4.7	66	0.06	35.56	26.6	8.02	6.64	0.12
T3-100m	12/14/21	1043	1.2	Flood	0.15	4.7	0.34	4.7	0.12	1.7	0.9	25	0.28	8.8	4.4	61	0.08	35.11	25.9	8.12	6.72	0.16
T3-100m	3/16/22	908	0.1	Low	0.10	3.1	0.04	0.5	0.07	1.0	0.0	-1	0.31	9.7	4.1	57	0.07	34.93	25.5	8.07	6.83	0.21
T3-100m	6/8/22	1027	1.0	Flood	0.09	2.7	0.10	1.4	0.29	4.1	0.0	1	0.27	8.5	3.9	55	0.07	34.48	26.3	8.08	6.71	0.12
Geomear FY '22					0.08	2.4	0.09	1.3	0.2	2.3			0.3	8.2	4.3	60	0.07					0.15
T3-500m	9/24/21	953	0.3	Ebb	0.02	0.7	0.01	0.2	0.16	2.2	-0.3	-10	0.20	6.3	4.78	67	0.06	35.56	26.8	8.03	6.65	0.15
T3-500m	12/14/21	1051	1.2	Flood	0.14	4.3	0.06	0.8	0.08	1.1	0.7	18	0.27	8.5	4.23	59	0.05	35.11	26.0	8.13	6.72	0.25
T3-500m	3/16/22	916	0.1	Low	0.11	3.5	0.06	0.8	0.09	1.2	0.1	3	0.33	10.3	4.20	59	0.08	34.91	25.5	8.07	6.84	0.22
T3-500m	6/8/22	1033	1.0	Flood	0.07	2.3	0.08	1.1	0.24	3.4	-0.1	-3	0.26	8.2	4.03	56	0.10	34.50	26.3	8.08	6.73	0.12
Geomear FY '22					0.07	2.2	0.04	0.6	0.1	1.8			0.3	8.2	4.3	60	0.07					0.18

NELHA Water Quality Laboratory

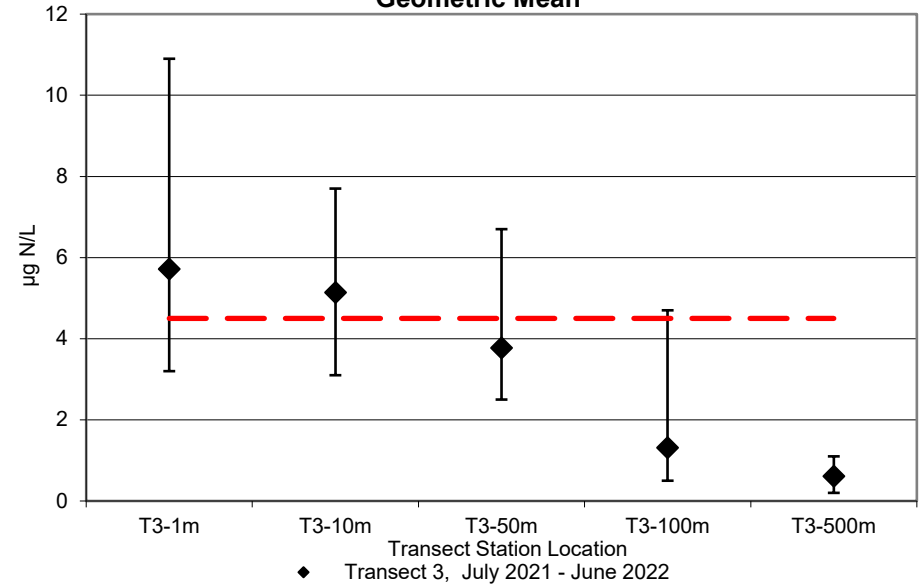
Transect 3

July 2021 - June 2022

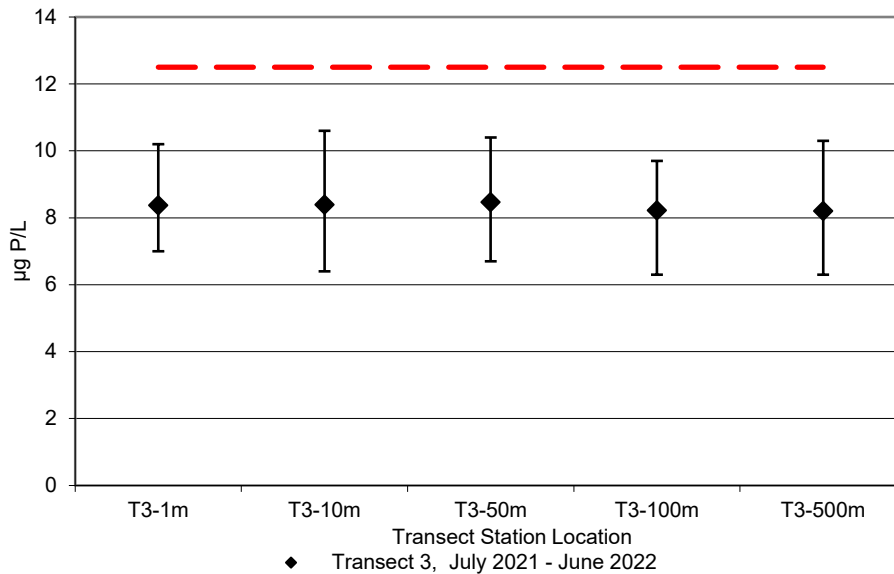
**Ortho-Phosphate
Geometric Mean**



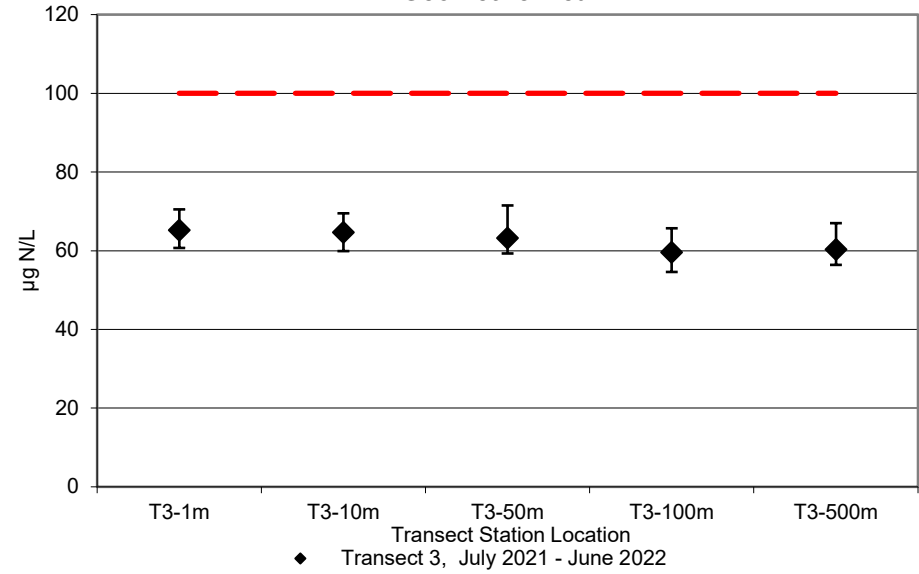
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

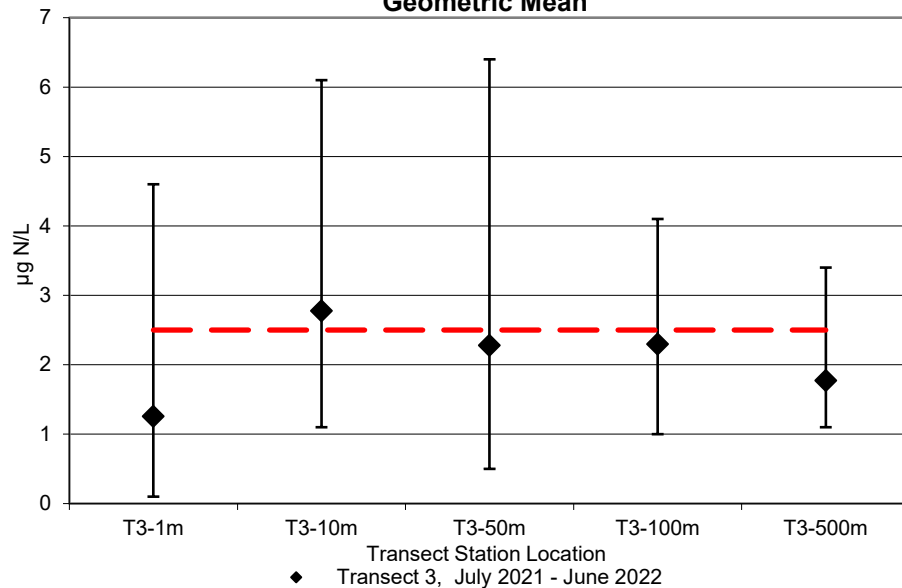


NELHA Water Quality Laboratory

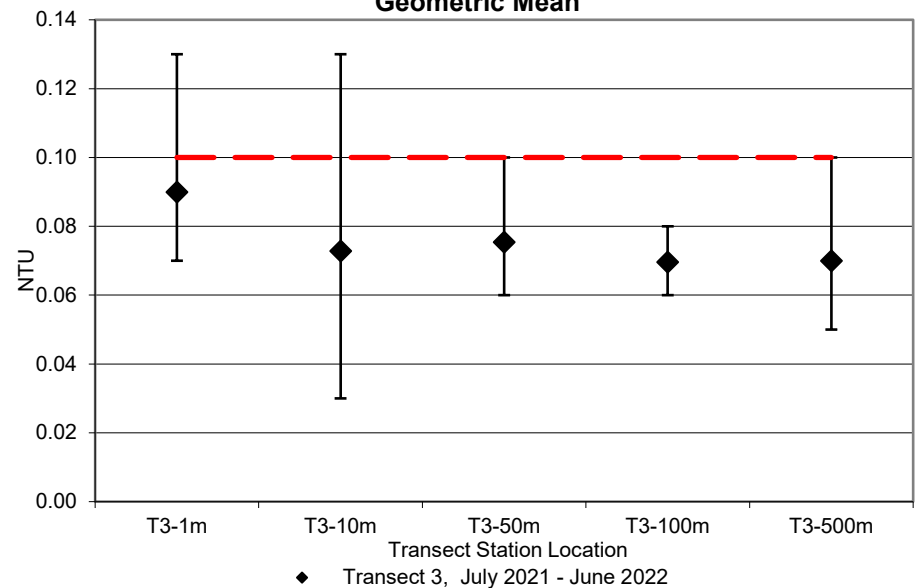
Transect 3

July 2021 - June 2022

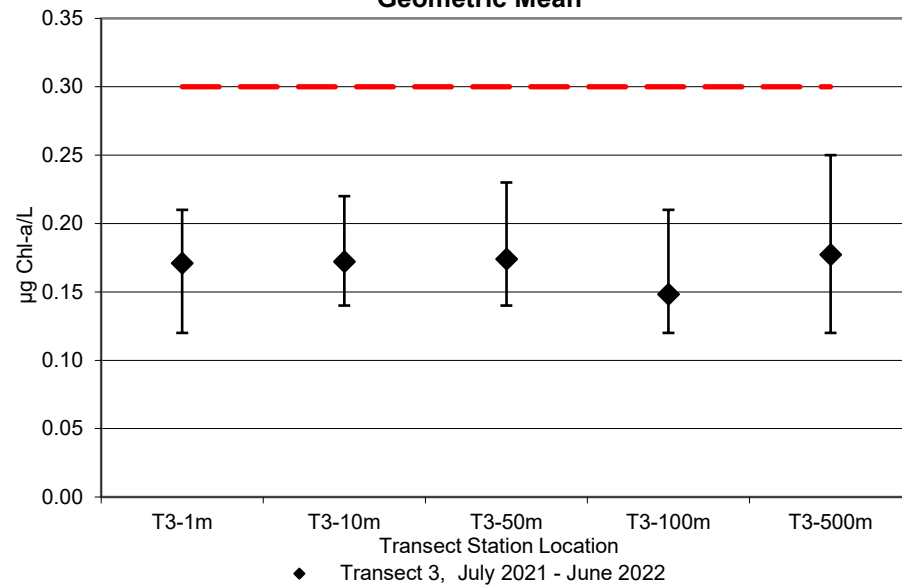
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2020 - June 2021

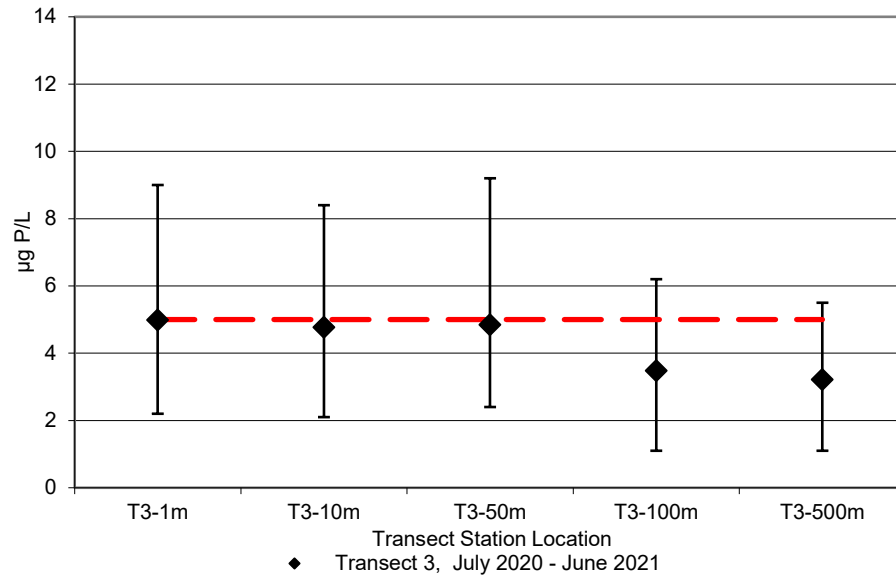
SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	9/22/20	1149	1.2	Ebb	0.16	4.9	0.32	4.5	0.46	6.4	2.3	64	0.35	10.7	5.6	78	0.03	35.65	26.1	8.18	5.13	0.23
T3-1m	12/15/20	1156	0.4	Low	0.21	6.4	0.45	6.3	0.36	5.1	2.0	55	0.27	8.4	6.1	86	0.07	35.75	26.8	8.14	6.95	0.18
T3-1m	3/9/21	1003	0.3	Low	0.29	9.0	0.04	0.6	0.28	3.9	1.3	37	0.39	12.0	4.4	61	0.08	35.73	24.7	8.07	6.92	0.18
T3-1m	5/25/21	1040	0.5	Flood	0.07	2.2	0.56	7.9	0.25	3.5	4.2	119	0.21	6.5	10.9	153	0.11	35.69	25.5	8.00	7.18	0.13
Geomear FY '21					0.16	5.0	0.24	3.4	0.3	4.6			0.3	9.2	6.3	89	0.07					0.18
T3-10m	9/22/20	1154	1.2	Ebb	0.19	5.9	0.36	5.1	0.29	4.1	1.8	50	0.39	12	5.6	78	0.02	35.66	26.1	8.18	5.13	0.21
T3-10m	12/15/20	1201	0.4	Low	0.16	5.0	0.44	6.1	0.49	6.9	1.5	43	0.28	8.8	6.0	84	0.07	35.74	26.8	8.13	6.86	0.19
T3-10m	3/9/21	1007	0.3	Low	0.27	8.4	0.01	0.2	0.26	3.7	1.0	28	0.31	9.7	4.1	57	0.10	35.73	24.7	8.08	6.93	0.21
T3-10m	5/25/21	1044	0.5	Flood	0.07	2.1	0.55	7.7	0.21	2.9	4.6	129	0.18	5.6	6.7	94	0.13	35.67	25.6	8.02	7.17	0.14
Geomear FY '21					0.15	4.8	0.19	2.6	0.3	4.2			0.3	8.7	5.5	77	0.07					0.19
T3-50m	9/22/20	1158	1.2	Ebb	0.16	5.1	0.17	2.4	0.35	4.9	1.4	40	0.40	12.3	6.7	94	0.02	35.66	26.2	8.18	5.00	0.22
T3-50m	12/15/20	1206	0.4	Low	0.16	4.9	0.41	5.7	0.30	4.2	1.4	38	0.26	7.9	5.8	81	0.06	35.74	26.7	8.13	6.80	0.19
T3-50m	3/9/21	1013	0.3	Low	0.30	9.2	0.31	4.4	0.24	3.3	0.9	25	0.26	8.2	3.7	51	0.03	35.70	24.7	8.09	6.89	0.17
T3-50m	5/25/21	1049	0.5	Flood	0.08	2.4	0.46	6.4	0.20	2.8	3.4	96	0.17	5.3	5.0	70	0.12	35.66	25.7	8.03	7.10	0.16
Geomear FY '21					0.16	4.8	0.32	4.4	0.3	3.7			0.3	8.1	5.2	72	0.05					0.18
T3-100m	9/22/20	1205	1.2	Ebb	0.20	6.2	0.18	2.5	0.31	4.4	1.7	49	0.39	12.1	6.7	94	0.02	35.66	26.3	8.18	4.98	0.24
T3-100m	12/15/20	1211	0.4	Low	0.14	4.4	0.09	1.3	0.30	4.2	0.6	16	0.26	8.2	6.0	84	0.05	35.68	26.7	8.12	6.63	0.24
T3-100m	3/9/21	1018	0.3	Low	0.16	4.9	0.44	6.2	0.19	2.6	0.1	2	0.36	11.1	3.3	46	0.10	35.71	24.8	8.10	6.83	0.15
T3-100m	5/25/21	1054	0.5	Flood	0.04	1.1	0.44	6.2	0.16	2.3	2.8	78	0.17	5.4	5.2	73	0.10	35.65	25.8	8.04	7.04	0.16
Geomear FY '21					0.11	3.5	0.24	3.3	0.2	3.2			0.3	8.8	5.1	72	0.06					0.19
T3-500m	9/22/20	1213	1.2	Ebb	0.18	5.5	0.05	0.7	0.35	4.9	1.1	31	0.37	11.4	6.54	92	0.03	35.65	26.5	8.18	4.93	0.25
T3-500m	12/15/20	1218	0.4	Low	0.11	3.5	0.01	0.2	0.25	3.5	0.2	5	0.26	8.1	5.28	74	0.05	35.66	26.7	8.12	6.62	0.21
T3-500m	3/9/21	1027	0.3	Low	0.16	5.1	0.13	1.8	0.20	2.8	0.7	20	0.31	9.5	3.32	47	0.04	35.69	24.9	8.11	6.81	0.11
T3-500m	5/25/21	1102	0.5	Flood	0.04	1.1	0.28	3.9	0.14	2.0	2.4	69	0.13	4.0	5.00	70	0.10	35.67	26.2	8.04	6.79	0.14
Geomear FY '21					0.10	3.2	0.07	1.0	0.2	3.1			0.2	7.7	4.9	69	0.05					0.17

NELHA Water Quality Laboratory

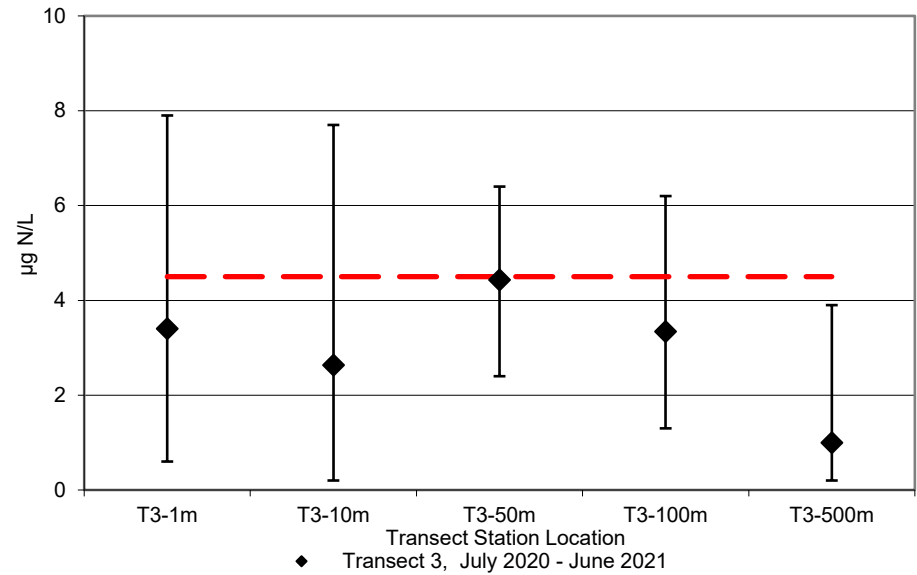
Transect 3

July 2020 - June 2021

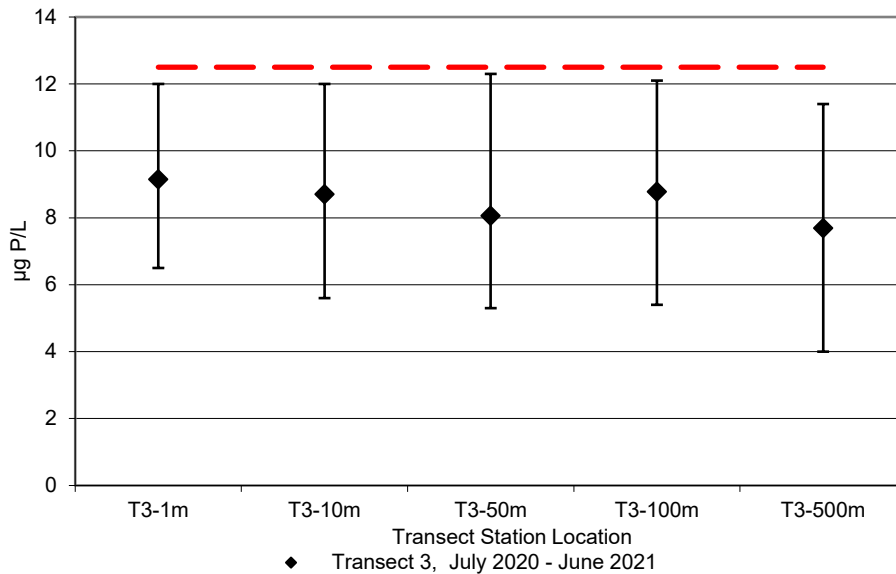
**Ortho-Phosphate
Geometric Mean**



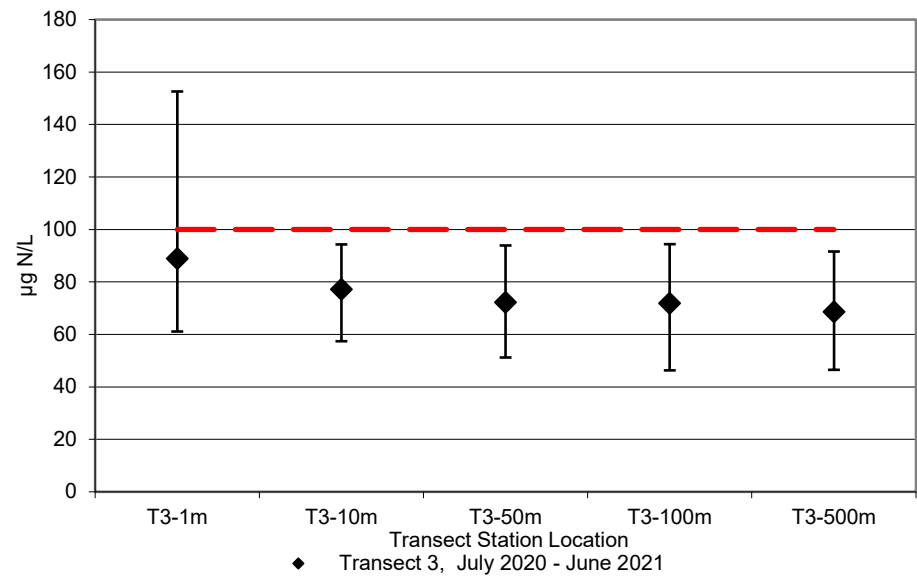
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

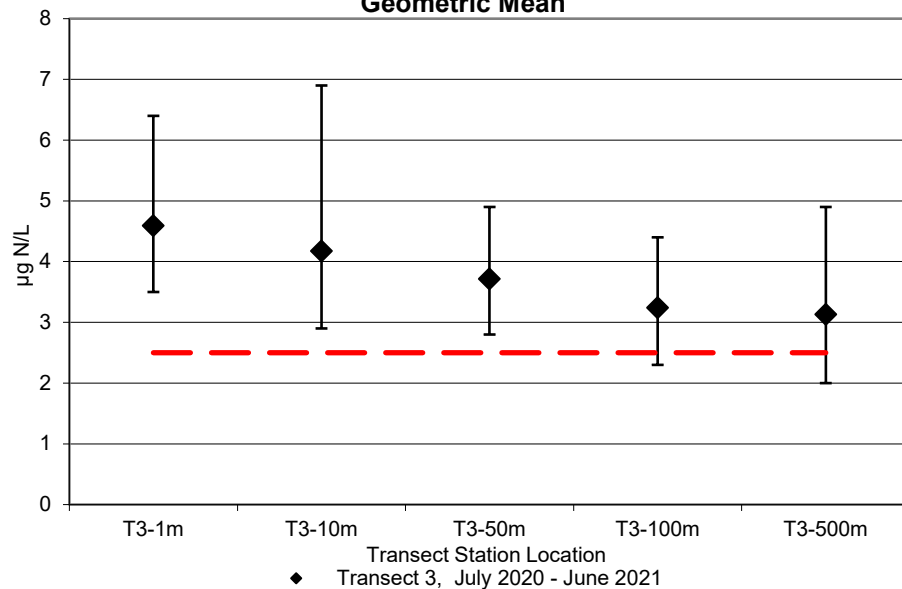


NELHA Water Quality Laboratory

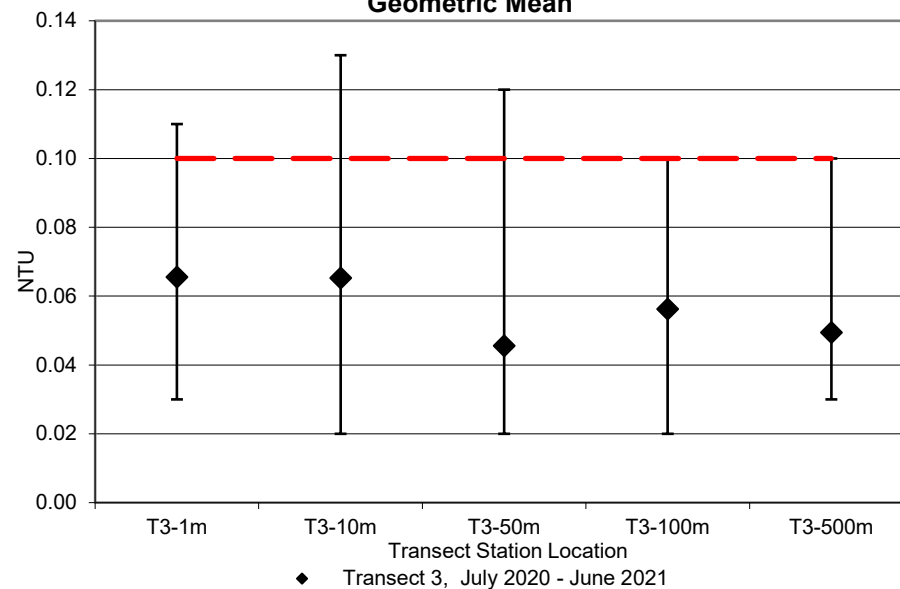
Transect 3

July 2020 - June 2021

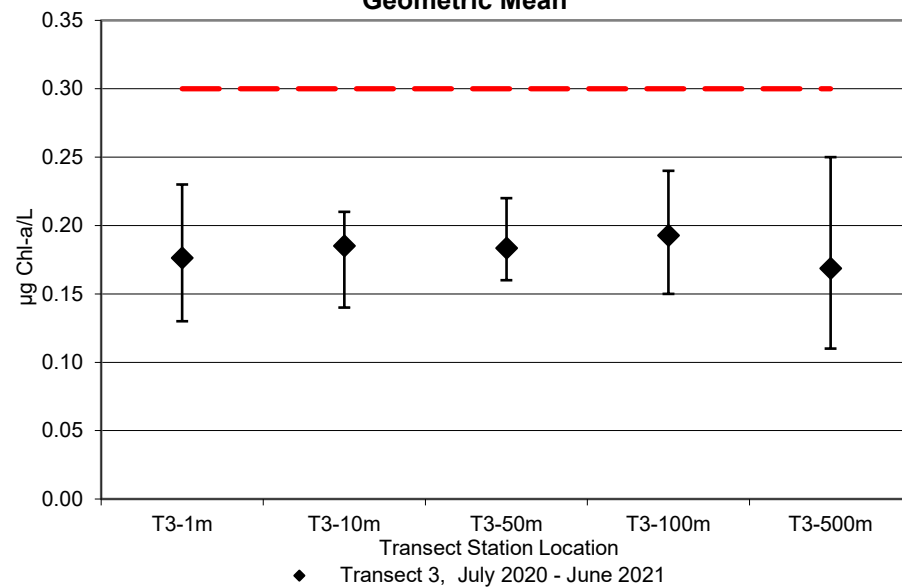
Total Ammonia Geometric Mean



Turbidity Geometric Mean



Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

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
T3-1m	8/13/19	1056	0.7	Flood	0.05	1.6	0.16	2.3	0.22	3.1	2.1	58	0.29	9.0	2.0	28	0.11	35.58	28.3	8.21	7.00	0.13
T3-1m	11/19/19	1025	1.9	High	0.12	3.7	0.24	3.4	0.09	1.2	0.4	12	0.43	13.4	3.0	43	0.09	34.80	27.6	8.24	6.83	0.36
T3-1m	1/22/20	1046	0.6	Flood	0.13	3.9	0.02	0.3	0.09	1.3	0.8	22	0.40	12.4	3.0	41	0.04	34.94	25.1	8.22	6.88	0.12
T3-1m	6/24/20	1114	-0.1	Low	0.10	3.2	0.16	2.3	0.06	0.8	2.2	62	0.29	8.9	2.6	36	0.07	35.46	26.0	8.19	7.05	0.29
Geomear FY '20					0.09	2.9	0.11	1.5	0.1	1.4			0.3	10.7	2.6	37	0.07					0.20
T3-10m	8/13/19	1103	0.7	Flood	0.06	1.9	0.16	2.3	0.25	3.5	2.1	59	0.29	9	2.4	34	0.12	35.62	28.3	8.22	6.95	0.14
T3-10m	11/19/19	1029	1.9	High	0.12	3.8	0.21	2.9	0.20	2.8	1.5	42	0.43	13.4	3.2	45	0.09	34.77	27.6	8.24	6.84	0.34
T3-10m	1/22/20	1051	0.6	Flood	0.13	3.9	0.01	0.1	0.09	1.3	0.8	23	0.40	12.4	2.9	40	0.07	34.91	25.1	8.22	6.91	0.16
T3-10m	6/24/20	1119	-0.1	Low	0.11	3.3	0.16	2.3	0.13	1.8	2.1	58	0.31	9.6	2.4	34	0.06	35.46	26.0	8.18	6.97	0.32
Geomear FY '20					0.10	3.1	0.08	1.1	0.15	2.2			0.35	10.9	2.7	38	0.08					0.22
T3-50m	8/13/19	1111	0.7	Flood	0.05	1.6	0.16	2.3	0.22	3.1	2.6	74	0.30	9.2	2.4	34	0.09	35.63	28.3	8.19	6.74	0.18
T3-50m	11/19/19	1033	1.9	High	0.12	3.7	0.26	3.6	0.04	0.5	0.7	18	0.42	12.9	3.0	42	0.08	34.78	27.6	8.25	6.61	0.16
T3-50m	1/22/20	1058	0.6	Flood	0.11	3.4	0.01	0.1	0.09	1.3	0.7	21	0.40	12.4	2.4	34	0.04	34.94	25.1	8.22	6.69	0.17
T3-50m	6/24/20	1123	-0.1	Low	0.09	2.9	0.16	2.3	0.09	1.3	2.1	59	0.32	9.8	2.6	36	0.07	35.49	26.0	8.18	6.83	0.28
Geomear FY '20					0.09	2.8	0.08	1.2	0.09	1.2			0.35	11.0	2.6	36	0.07					0.19
T3-100m	8/13/19	1118	0.7	Flood	0.07	2.2	0.21	2.9	0.24	3.4	7.3	205	0.32	10.0	2.8	39	0.09	35.56	28.4	8.20	6.44	0.18
T3-100m	11/19/19	1038	1.9	High	0.11	3.3	0.06	0.8	0.09	1.3	0.2	5	0.41	12.8	2.5	35	0.08	34.78	27.7	8.24	6.58	0.21
T3-100m	1/22/20	1104	0.6	Flood	0.13	4.1	0.16	2.3	0.09	1.3	-0.4	-11	0.40	12.3	2.7	39	0.06	34.94	25.1	8.22	6.66	0.12
T3-100m	6/24/20	1129	-0.1	Flood	0.08	2.5	0.16	2.3	0.09	1.3	1.0	29	0.28	8.8	2.0	28	0.06	35.43	26.2	8.19	6.93	0.24
Geomear FY '20					0.09	2.9	0.13	1.9	0.11	1.6			0.35	10.8	2.5	35	0.07					0.18
T3-500m	8/13/19	1128	0.7	Flood	0.03	1.0	0.16	2.3	0.39	5.5	1.5	41	0.28	8.6	1.81	25	0.08	35.66	28.4	8.20	6.48	0.18
T3-500m	11/19/19	1045	1.9	High	0.10	3.1	0.04	0.6	0.09	1.3	0.1	3	0.36	11.2	1.65	23	0.06	34.80	27.7	8.24	6.45	0.13
T3-500m	1/22/20	1113	0.6	Flood	0.12	3.6	0.16	2.3	0.09	1.3	0.7	19	0.37	11.6	1.93	27	0.04	34.95	25.1	8.22	6.65	0.10
T3-500m	6/24/20	1138	-0.1	Low	0.14	4.3	0.16	2.3	0.09	1.3	2.0	57	0.22	6.8	1.85	26	0.05	35.43	26.7	8.18	6.64	0.39
Geomear FY '20					0.08	2.6	0.12	1.6	0.13	1.8			0.30	9.3	1.8	25	0.06					0.17

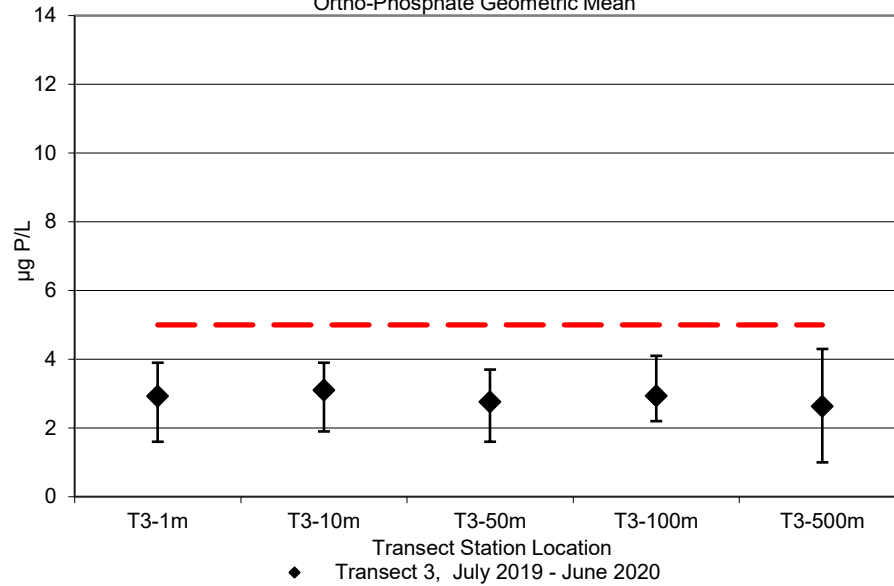
NELHA Water Quality Laboratory

Transect 3

July 2018 - June 2019

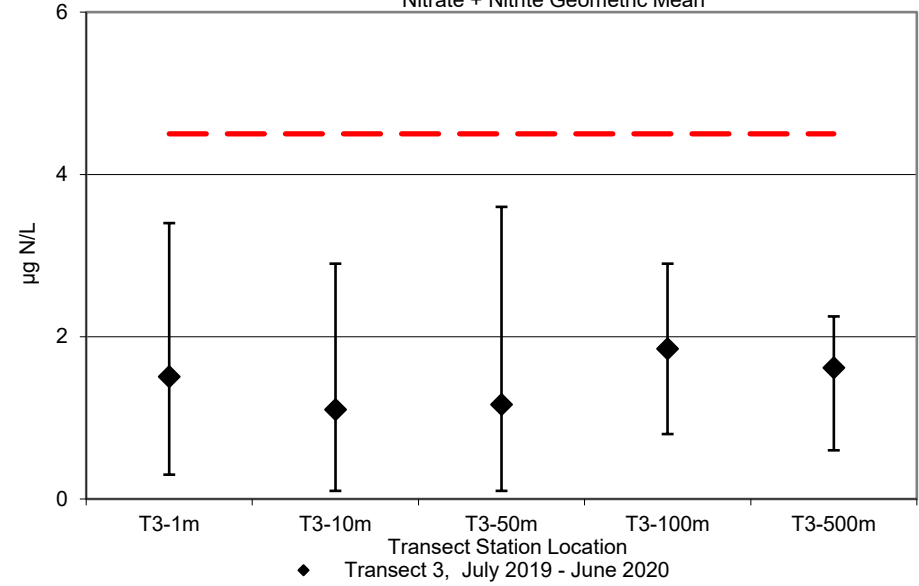
Transect 3 Station Summary

Ortho-Phosphate Geometric Mean



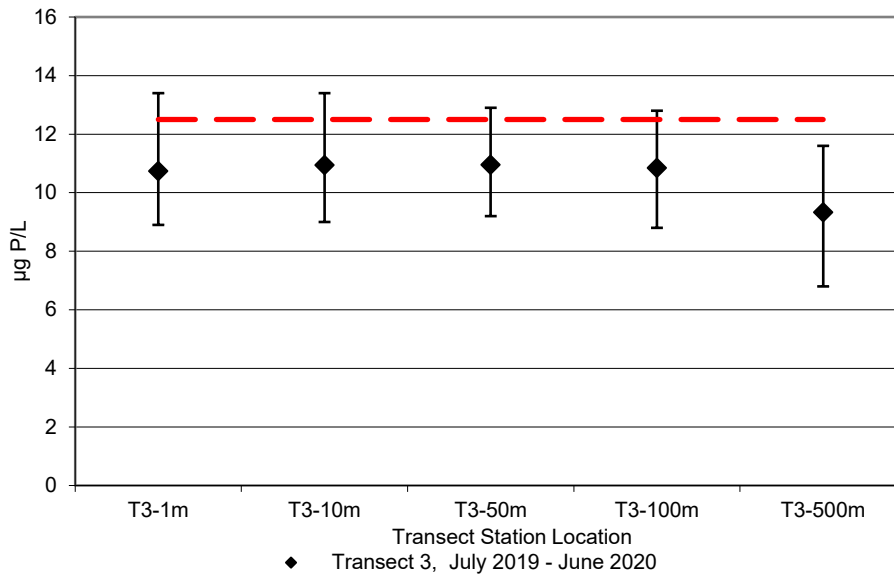
Transect 3 Station Summary

Nitrate + Nitrite Geometric Mean



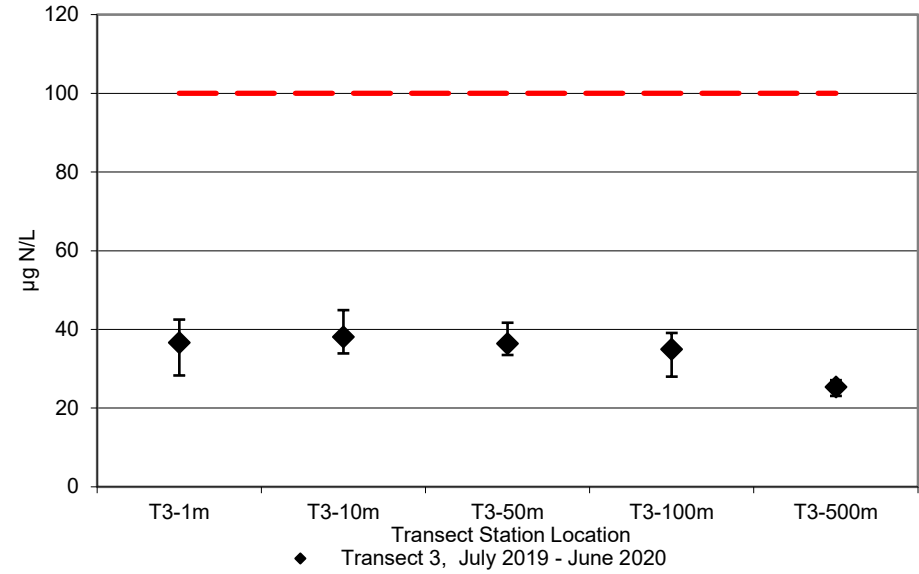
Transect 3 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary

Total Dissolved Nitrogen Geometric Mean



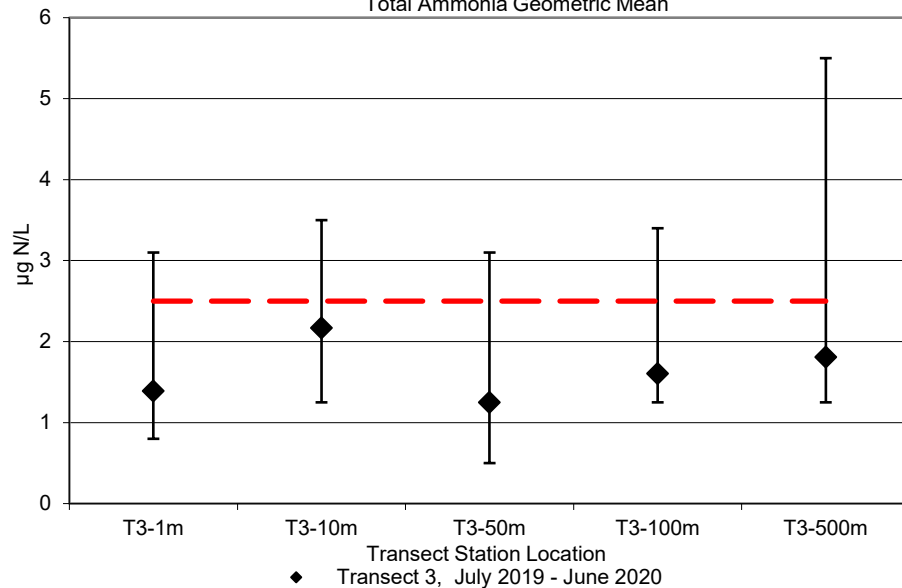
NELHA Water Quality Laboratory

Transect 3

July 2018 - June 2019

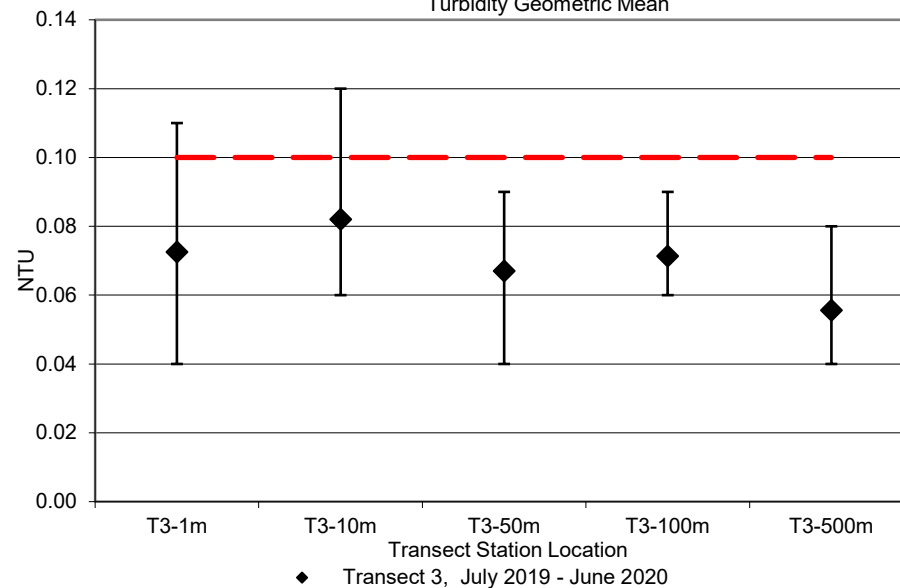
Transect 3 Station Summary

Total Ammonia Geometric Mean



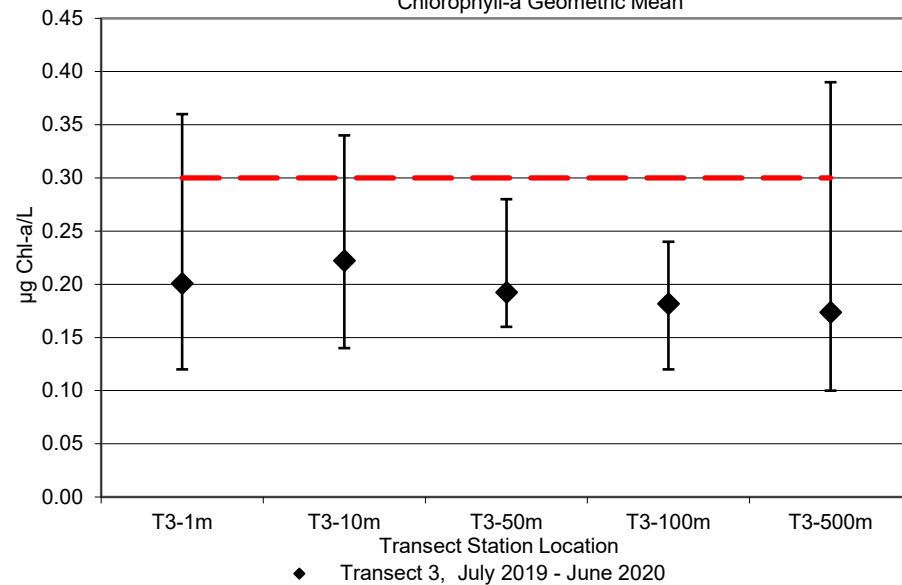
Transect 3 Station Summary

Turbidity Geometric Mean



Transect 3 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

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
T3-1m	9/24/18	1058	0.5	Flood	0.07	2.3	0.16	2.3	0.21	3.0	0.6	17	0.33	10.3	2.7	38	0.09	34.77	27.7	8.16	5.30	0.14
T3-1m	#####	1126	1.3	Ebb	0.05	1.4	0.42	5.9	0.39	5.5	0.6	17	0.40	12.4	3.7	52	0.11	35.00	27.4	8.23	4.71	0.12
T3-1m	1/22/19	1111	0.2	Low	0.11	3.4	0.25	3.5	0.06	0.9	1.0	29	0.41	12.7	2.5	34	0.07	35.02	25.1	8.22	5.84	0.22
T3-1m	4/16/19	1115	0.8	Flood	0.15	4.5	0.26	3.6	0.10	1.4	2.0	55	0.40	12.5	2.7	38	0.07	35.59	25.9	8.17	7.59	0.17
Geomear FY '19					0.09	2.6	0.26	3.6	0.2	2.1			0.4	11.9	2.9	40	0.08					0.14
T3-10m	9/24/18	1107	0.5	Flood	0.06	2.0	0.16	2.3	0.27	3.8	0.5	13	0.33	10.3	2.7	38	0.09	34.79	27.7	8.16	5.24	0.14
T3-10m	#####	1130	1.3	Ebb	0.05	1.4	0.34	4.7	0.35	4.9	0.3	9	0.37	11.4	3.5	49	0.07	35.00	27.4	8.23	4.73	0.12
T3-10m	1/22/19	1114	0.2	Low	0.10	3.1	0.11	1.6	0.06	0.9	0.6	16	0.37	11.6	2.3	33	0.06	35.03	25.2	8.22	5.70	0.17
T3-10m	4/16/19	1121	0.8	Flood	0.14	4.2	0.21	3.0	0.06	0.8	1.9	55	0.38	11.9	3.0	42	0.05	35.60	25.9	8.17	7.49	0.17
Geomear FY '19					0.08	2.5	0.19	2.7	0.14	1.9			0.36	11.3	2.9	40	0.07					0.15
T3-50m	9/24/18	1115	0.5	Flood	0.04	1.3	0.18	2.5	0.32	4.5	0.1	3	0.48	14.9	1.9	27	0.07	34.81	27.9	8.16	5.07	0.13
T3-50m	#####	1135	1.3	Ebb	0.05	1.4	0.30	4.2	0.24	3.3	0.2	4	0.32	9.9	3.2	45	0.07	34.99	27.6	8.24	4.71	0.10
T3-50m	1/22/19	1119	0.2	Low	0.10	3.0	0.06	0.8	0.09	1.3	0.1	2	0.38	11.9	2.5	35	0.05	35.02	25.2	8.22	5.70	0.14
T3-50m	4/16/19	1127	0.8	Flood	0.14	4.3	0.36	5.1	0.09	1.2	3.3	93	0.38	11.7	3.0	43	0.06	35.54	26.0	8.16	7.33	0.17
Geomear FY '19					0.07	2.2	0.18	2.6	0.16	2.2			0.39	12.0	2.6	36	0.06					0.13
T3-100m	9/24/18	1119	0.5	Flood	0.01	0.2	0.16	2.3	0.24	3.3	0.0	1	0.33	10.1	2.0	27	0.09	34.82	28.2	8.16	5.33	0.21
T3-100m	#####	1139	1.3	Ebb	0.03	0.8	0.14	1.9	0.19	2.7	0.0	1	0.32	9.8	2.8	39	0.08	34.99	27.6	8.24	4.73	0.09
T3-100m	1/22/19	1124	0.2	Low	0.08	2.6	0.04	0.5	0.21	2.9	0.1	3	0.36	11.3	2.3	33	0.06	35.02	25.2	8.21	5.64	0.14
T3-100m	4/16/19	1133	0.8	Flood	0.15	4.5	0.53	7.4	0.11	1.5	4.8	134	0.40	12.4	2.8	40	0.07	35.52	26.0	8.16	7.21	0.21
Geomear FY '19					0.04	1.2	0.14	2.0	0.18	2.5			0.35	10.9	2.4	34	0.07					0.15
T3-500m	9/24/18	1128	0.5	Flood	0.04	1.2	0.16	2.3	0.19	2.7	0.0	1	0.34	10.4	2.73	38	0.07	34.82	27.8	8.16	5.10	0.15
T3-500m	#####	1147	1.3	Ebb	0.04	1.2	0.09	1.3	0.12	1.7	0.0	1	0.33	10.3	4.53	64	0.06	35.01	27.7	8.24	4.55	0.06
T3-500m	1/22/19	1133	0.2	Low	0.09	2.7	0.07	1.0	0.06	0.8	0.1	3	0.36	11.1	2.14	30	0.06	34.99	25.1	8.22	5.65	0.08
T3-500m	4/16/19	1141	0.8	Flood	0.10	3.2	0.03	0.4	0.14	2.0	1.7	49	0.36	11.3	2.01	28	0.03	35.59	26.1	8.17	7.08	0.15
Geomear FY '19					0.06	1.9	0.07	1.0	0.12	1.6			0.35	10.8	2.7	38	0.05					0.10

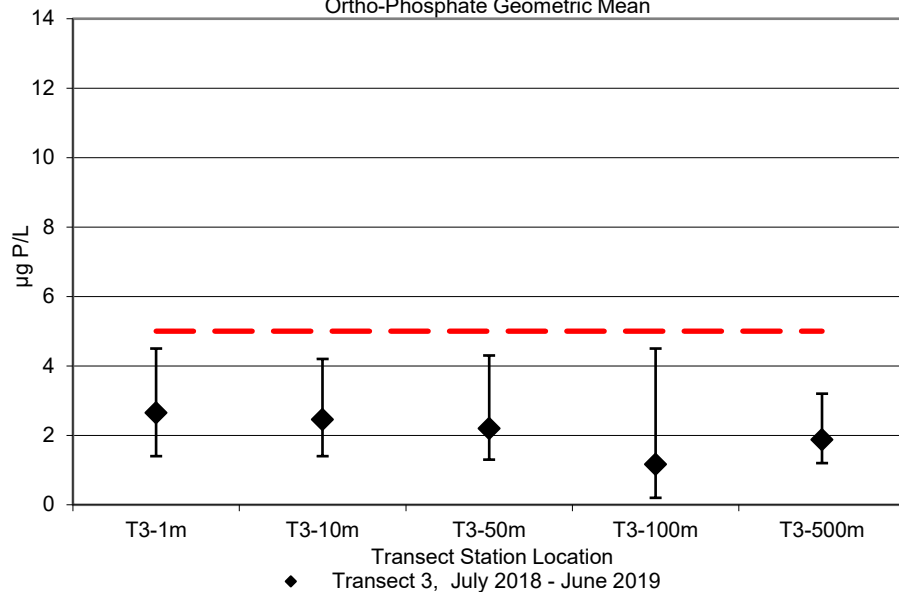
NELHA Water Quality Laboratory

Transect 3

July 2018 - June 2019

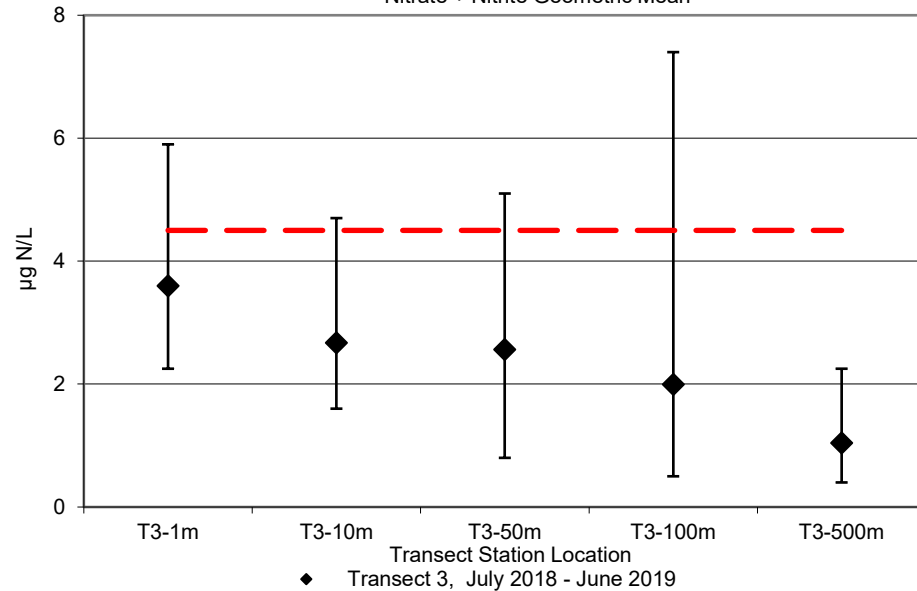
Transect 3 Station Summary

Ortho-Phosphate Geometric Mean



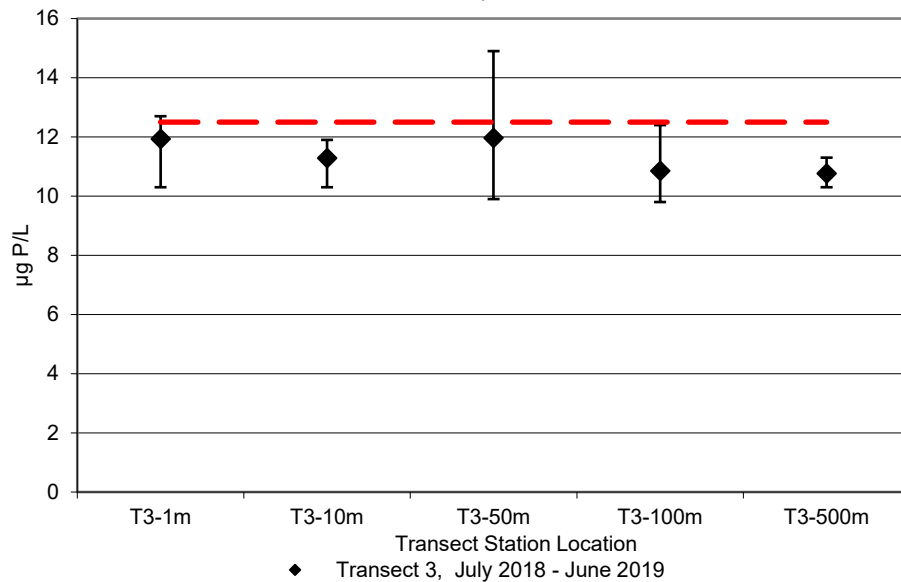
Transect 3 Station Summary

Nitrate + Nitrite Geometric Mean



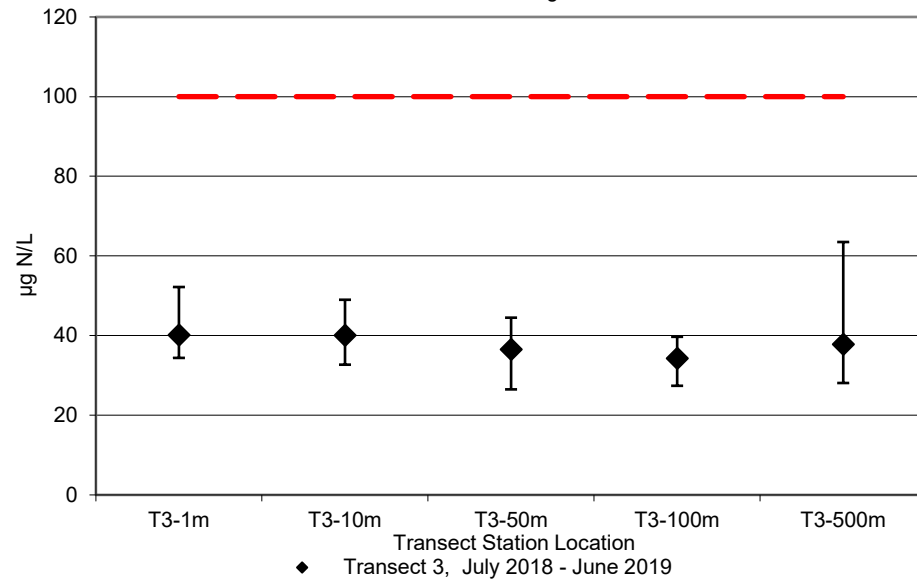
Transect 3 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary

Total Dissolved Nitrogen Geometric Mean



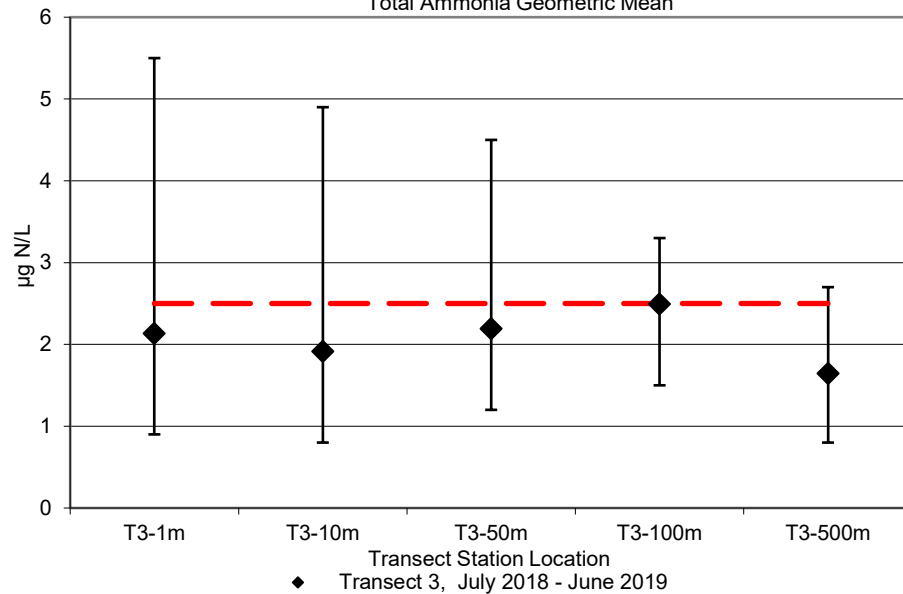
NELHA Water Quality Laboratory

Transect 3

July 2018 - June 2019

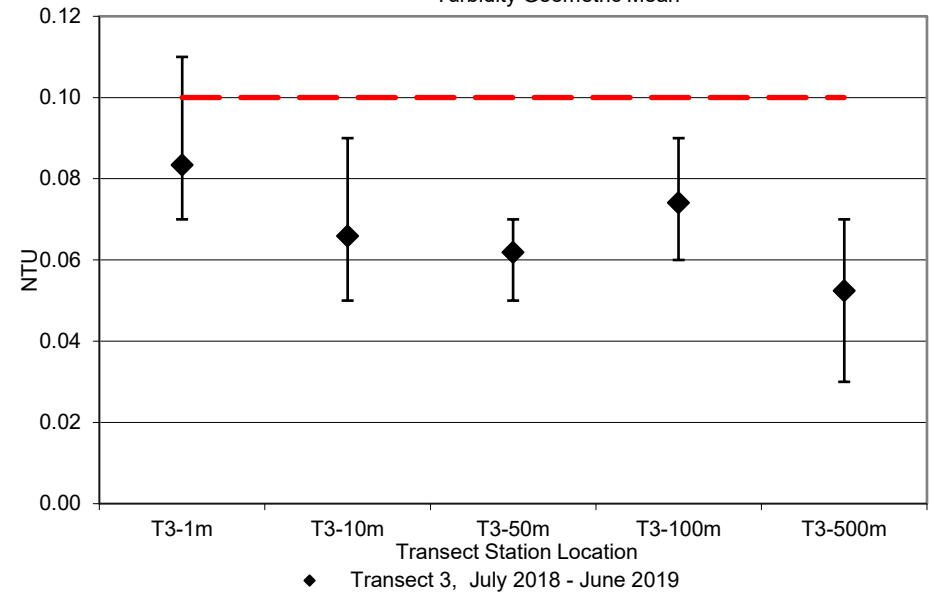
Transect 3 Station Summary

Total Ammonia Geometric Mean



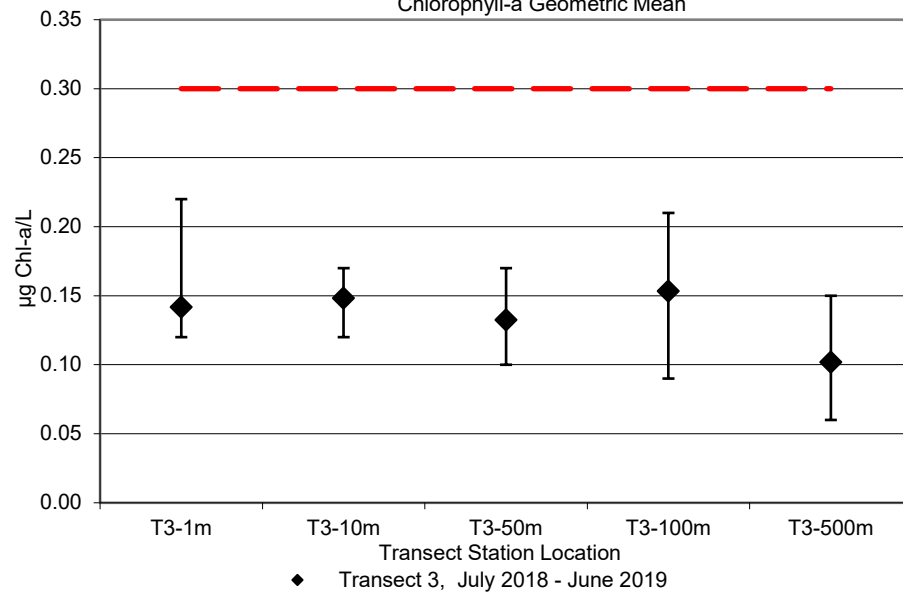
Transect 3 Station Summary

Turbidity Geometric Mean



Transect 3 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2017 - June 2018

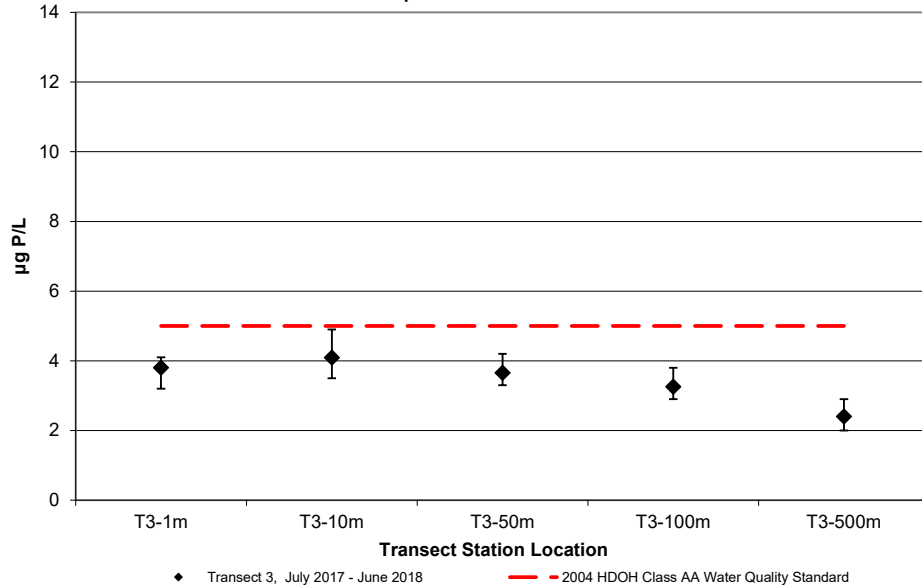
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	9/27/17	1203	1.5 High	0.13	4.1	0.34	4.7	0.20	2.8	1.2	35	0.43	13.2	2.8	40	0.11	34.80	27.9	8.20	4.39	0.18
T3-1m	11/28/17	1146	1.7 High	0.13	4.0	0.53	7.4	0.48	6.7	2.1	60	0.38	11.8	4.1	58	0.10	35.05	26.2	8.21	4.94	0.20
T3-1m	1/30/18	1130	0.5 Flood	0.13	4.0	0.59	8.2	0.21	2.9	3.4	95	0.38	11.8	4.0	56	0.08	34.81	24.6	8.18	5.46	0.19
T3-1m	5/16/18	1124	-0.2 Flood	0.10	3.2	0.34	4.7	0.21	3.0	2.9	83	0.36	11.0	2.5	35	0.03	34.73	25.7	8.19	6.32	0.13
Geomean	FY '18			0.12	3.8	0.43	6.1	0.3	3.6			0.4	11.9	3.3	46	0.07					0.17
T3-10m	9/27/17	1157	1.5 High	0.13	4.1	0.28	3.9	0.23	3.2	1.1	30	0.42	12.9	3.7	51	0.08	34.80	28.0	8.21	4.27	0.20
T3-10m	11/28/17	1151	1.7 High	0.13	4.0	0.44	6.2	0.54	7.5	1.9	52	0.40	12.3	3.3	46	0.08	35.05	26.2	8.21	4.94	0.15
T3-10m	1/30/18	1135	0.5 Flood	0.16	4.9	0.59	8.3	0.24	3.4	3.4	95	0.38	11.8	3.8	53	0.09	34.80	24.6	8.18	5.38	0.09
T3-10m	5/16/18	1129	-0.2 Flood	0.11	3.5	0.32	4.5	0.18	2.5	2.8	78	0.36	11.2	2.3	32	0.07	34.73	25.7	8.19	6.31	0.13
Geomean	FY '18			0.13	4.1	0.39	5.5	0.27	3.8			0.39	12.0	3.2	45	0.08					0.14
T3-50m	9/27/17	1150	1.5 High	0.14	4.2	0.23	3.2	0.19	2.7	0.9	26	0.41	12.7	3.1	44	0.11	34.79	27.9	8.20	4.22	0.16
T3-50m	11/28/17	1158	1.7 High	0.11	3.3	0.31	4.3	0.58	8.1	1.8	51	0.38	11.9	5.0	70	0.10	35.06	26.3	8.21	4.75	0.14
T3-50m	1/30/18	1145	0.5 Flood	0.12	3.8	0.35	4.9	0.39	5.4	3.1	86	0.40	12.5	4.1	57	0.07	34.82	24.6	8.17	5.36	0.10
T3-50m	5/16/18	1134	-0.2 Flood	0.11	3.4	0.16	2.2	0.23	3.2	2.6	73	0.36	11.2	2.9	40	0.04	34.69	25.9	8.18	6.28	0.12
Geomean	FY '18			0.12	3.7	0.25	3.5	0.31	4.4			0.39	12.1	3.7	52	0.07					0.13
T3-100m	9/27/17	1142	1.5 High	0.12	3.8	0.19	2.7	0.10	1.4	0.7	20	0.40	12.5	3.1	44	0.09	34.79	27.9	8.21	4.22	0.11
T3-100m	11/28/17	1204	1.7 High	0.10	3.1	0.27	3.8	0.44	6.2	1.6	44	0.38	11.7	5.2	73	0.06	35.07	26.3	8.20	4.71	0.13
T3-100m	1/30/18	1152	0.5 Flood	0.09	2.9	0.13	1.8	0.12	1.7	1.2	34	0.35	10.8	2.8	40	0.07	34.87	24.6	8.17	5.20	0.18
T3-100m	5/16/18	1139	-0.2 Flood	0.11	3.3	0.11	1.6	0.20	2.8	2.2	61	0.35	10.7	1.8	26	0.04	34.70	25.9	8.17	6.17	0.11
Geomean	FY '18			0.11	3.3	0.17	2.3	0.18	2.5			0.37	11.4	3.0	43	0.06					0.13
T3-500m	9/27/17	1047	1.5 High	0.09	2.9	0.09	1.2	0.09	1.3	0.2	7	0.40	12.4	3.13	44	0.07	34.81	28.2	8.23	4.25	0.09
T3-500m	11/28/17	1211	1.7 High	0.08	2.4	0.11	1.5	0.39	5.5	0.9	25	0.34	10.5	2.86	40	0.05	35.11	26.6	8.21	4.73	0.08
T3-500m	1/30/18	1202	0.5 Flood	0.08	2.4	0.13	1.8	0.14	2.0	1.4	39	0.36	11.2	2.83	40	0.07	34.87	24.6	8.17	5.23	0.08
T3-500m	5/16/18	1146	-0.2 Flood	0.06	2.0	0.16	2.3	0.09	1.3	1.0	29	0.35	10.9	2.96	41	0.03	34.66	26.4	8.17	5.95	0.07
Geomean	FY '18			0.08	2.4	0.12	1.7	0.15	2.1			0.36	11.2	2.9	41	0.05					0.08

NELHA Water Quality Laboratory

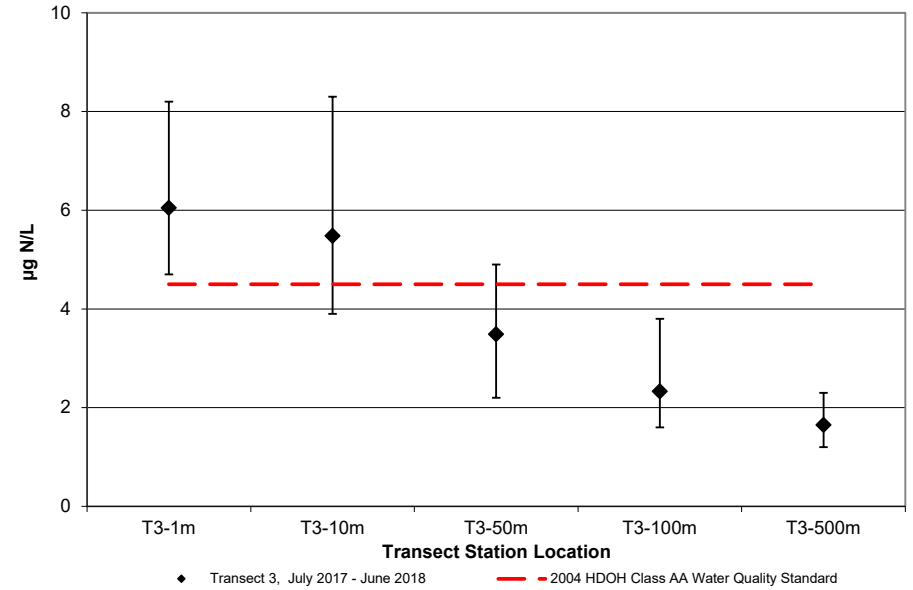
Transect 3

July 2017 - June 2018

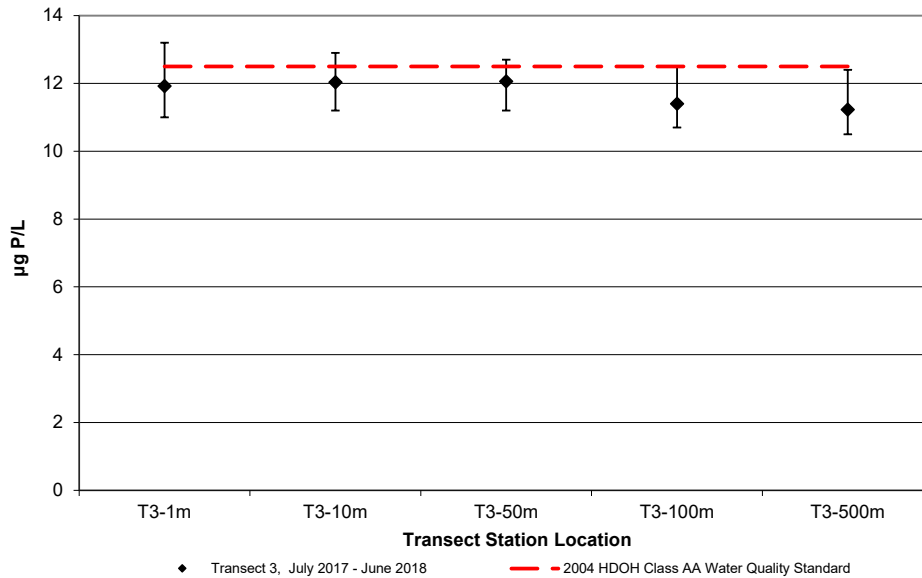
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



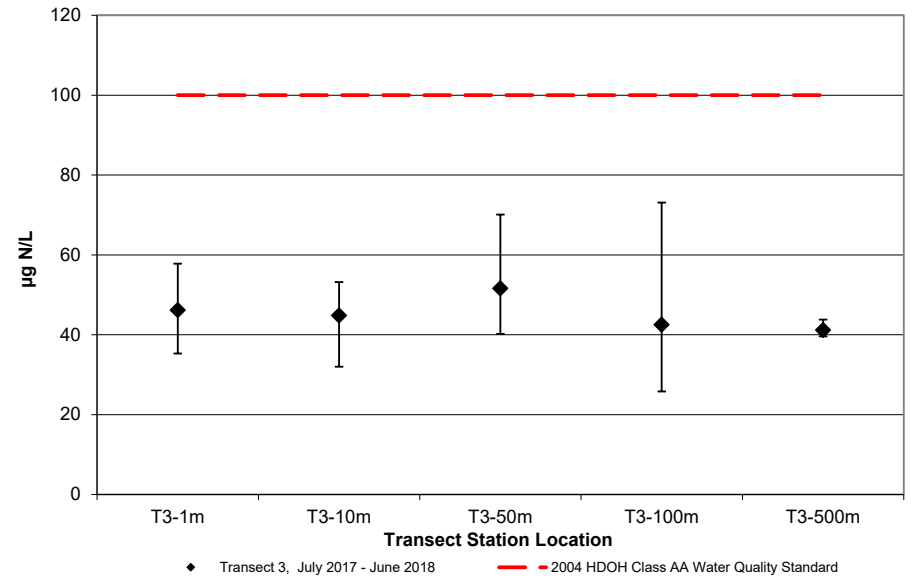
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

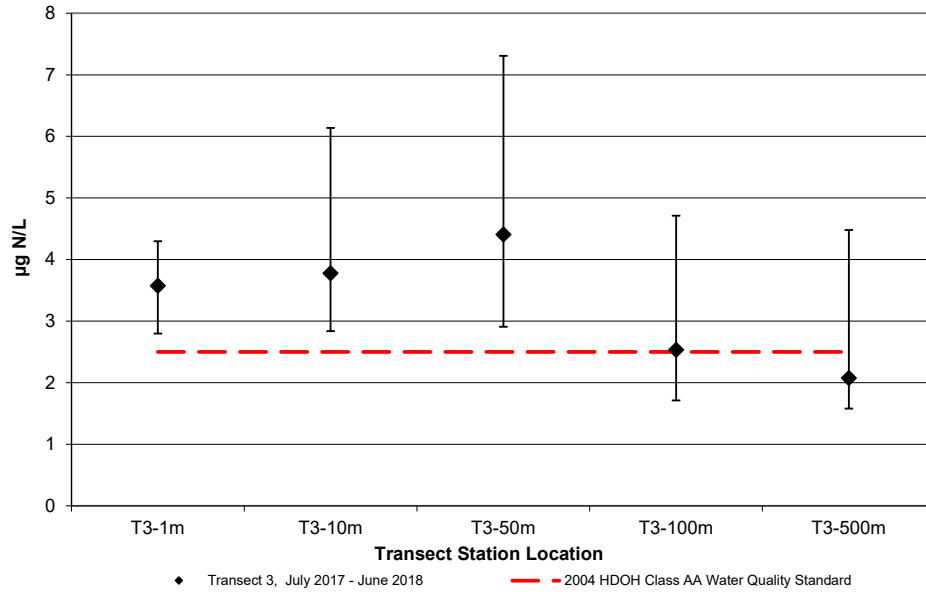


NELHA Water Quality Laboratory

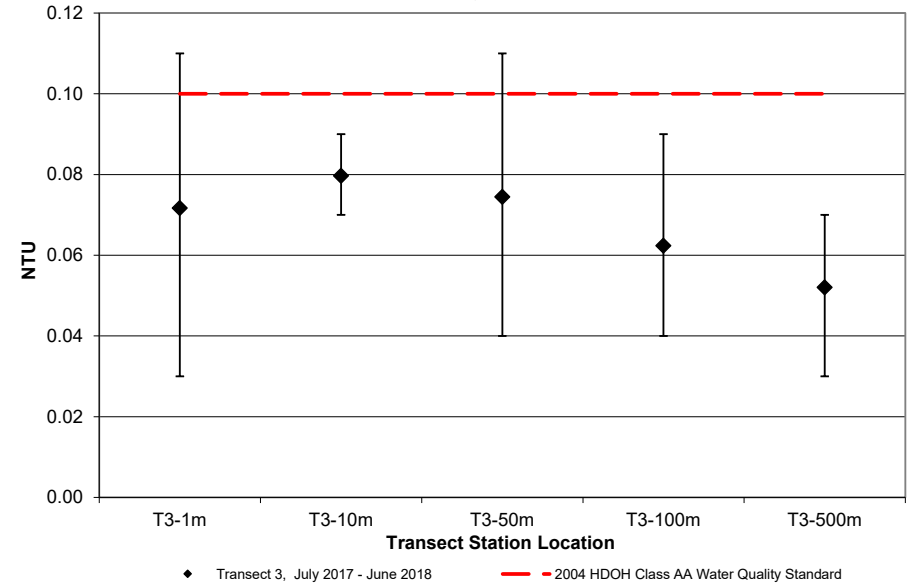
Transect 3

July 2017 - June 2018

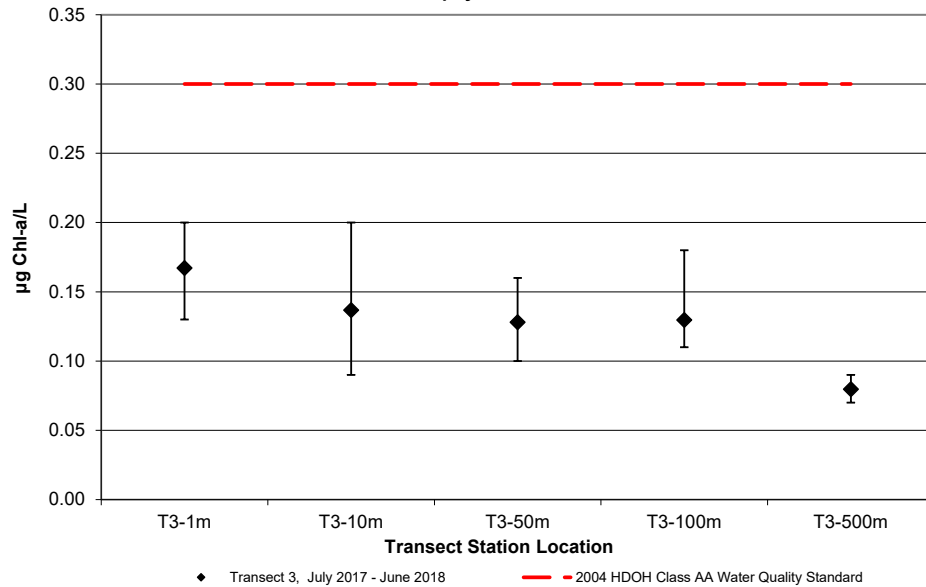
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2016 - June 2017

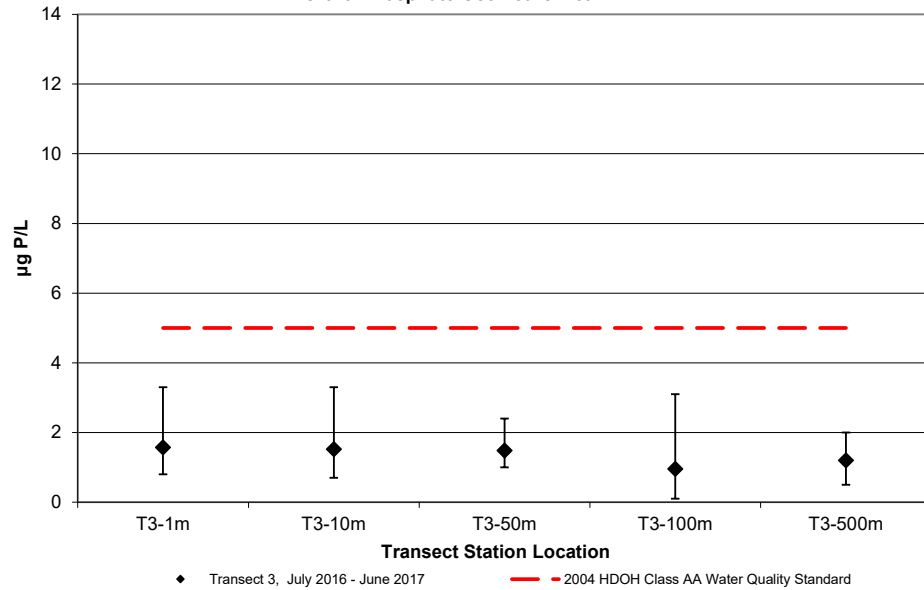
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	7/6/16	1138	0.0	Flood	0.11	3.3	0.20	2.8	0.36	5.0	0.8	22	0.61	18.8	5.8	81	0.12	34.59	27.2	8.29	6.86	0.17
T3-1m	12/20/16	1110	1.2	Ebb	0.09	2.9	0.57	8.0	0.22	3.1	2.5	70	0.36	11.0	4.7	66	0.03	34.70	25.5	8.28	5.98	0.12
T3-1m	2/28/17	1004	-0.1	Low	0.03	0.8	0.46	6.5	0.46	6.5	1.2	34	0.29	9.1	4.6	65	0.10	34.63	24.7	8.21	5.75	0.15
T3-1m	5/10/17	956	-0.1	Low	0.03	0.8	0.41	5.8	0.10	1.4	1.4	39	0.24	7.4	3.8	53	0.08	34.75	25.7	8.20	4.33	0.09
Geomean	FY '17				0.05	1.6	0.38	5.4	0.2	3.4			0.4	10.9	4.7	65	0.07					0.12
T3-10m	7/6/16	1148	0.0	Flood	0.11	3.3	0.15	2.1	0.47	6.6	0.3	8	0.54	16.6	5.3	75	0.09	34.59	27.2	8.30	6.76	0.25
T3-10m	12/20/16	1117	1.2	Ebb	0.08	2.6	0.51	7.2	0.22	3.1	2.1	59	0.36	11.2	3.6	50	0.03	34.73	25.6	8.28	5.96	0.13
T3-10m	2/28/17	1010	-0.1	Low	0.02	0.7	0.48	6.7	0.14	1.9	1.1	32	0.29	9.1	4.8	68	0.07	34.65	24.7	8.21	5.69	0.14
T3-10m	5/10/17	958	-0.1	Low	0.03	0.9	0.40	5.6	0.06	0.8	1.4	39	0.22	6.8	3.5	49	0.09	34.77	25.7	8.21	4.33	0.08
Geomean	FY '17				0.05	1.5	0.35	4.9	0.17	2.4			0.33	10.4	4.2	59	0.06					0.14
T3-50m	7/6/16	1158	0.0	Flood	0.08	2.4	0.22	3.1	0.31	4.4	0.2	6	0.40	12.3	3.0	43	0.09	34.63	27.3	8.29	6.70	0.20
T3-50m	12/20/16	1124	1.2	Ebb	0.05	1.7	0.19	2.6	0.25	3.5	1.5	41	0.34	10.4	2.9	41	0.03	34.74	25.6	8.28	5.95	0.17
T3-50m	2/28/17	1014	-0.1	Low	0.03	1.0	0.49	6.9	0.11	1.6	1.0	29	0.33	10.3	4.5	63	0.10	34.65	24.7	8.21	5.57	0.14
T3-50m	5/10/17	1004	-0.1	Low	0.04	1.2	0.08	1.1	0.09	1.2	0.4	12	0.23	7.0	3.0	42	0.06	34.81	25.8	8.21	4.11	0.04
Geomean	FY '17				0.05	1.5	0.20	2.8	0.17	2.3			0.32	9.8	3.3	46	0.06					0.12
T3-100m	7/6/16	1207	0.0	Flood	0.10	3.1	0.25	3.5	0.35	4.9	0.1	3	0.41	12.7	3.9	54	0.24	34.68	27.2	8.70	6.76	0.20
T3-100m	12/20/16	1131	1.2	Ebb	0.05	1.5	0.15	2.1	0.13	1.8	1.8	51	0.33	10.2	3.1	44	0.04	34.74	25.6	8.28	6.59	0.17
T3-100m	2/28/17	1019	-0.1	Low	0.00	0.1	0.11	1.6	0.16	2.3	0.3	9	0.29	9.0	3.6	51	0.09	34.67	24.7	8.21	5.51	0.18
T3-100m	5/10/17	1009	-0.1	Low	0.06	1.8	0.05	0.7	0.12	1.7	0.7	19	0.20	6.2	3.1	44	0.07	34.81	25.9	8.21	4.13	0.07
Geomean	FY '17				0.03	1.0	0.12	1.7	0.17	2.4			0.30	9.2	3.4	48	0.09					0.14
T3-500m	7/6/16	1214	0.0	Flood	0.06	2.0	0.26	3.6	0.19	2.7	0.4	12	0.42	13.1	4.60	65	0.1	34.78	27.3	8.30	6.61	0.26
T3-500m	12/20/16	1141	1.2	Ebb	0.04	1.3	0.09	1.3	0.09	1.2	1.6	45	0.33	10.1	2.73	38	0.03	34.75	25.7	8.27	5.33	0.09
T3-500m	2/28/17	1027	-0.1	Low	0.02	0.5	0.02	0.3	0.11	1.6	0.1	2	0.27	8.5	4.26	60	0.11	34.70	24.7	8.22	5.54	0.10
T3-500m	5/10/17	1017	-0.1	Low	0.05	1.6	0.01	0.1	0.17	2.4	0.0	0	0.22	6.7	2.96	42	0.11	34.81	26.0	8.22	4.10	0.04
Geomean	FY '17				0.04	1.2	0.04	0.6	0.13	1.9			0.30	9.3	3.5	50	0.08					0.10

NELHA Water Quality Laboratory

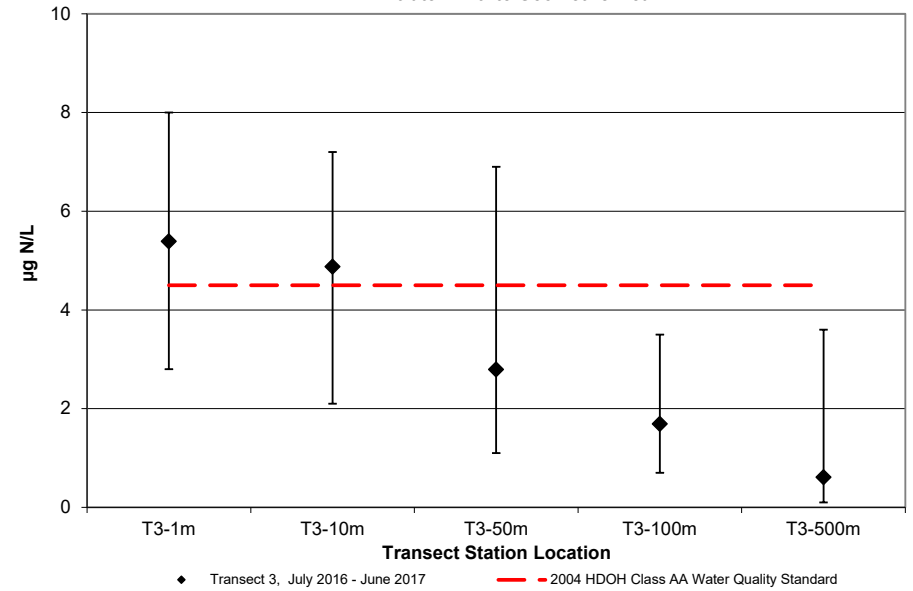
Transect 3

July 2016 - June 2017

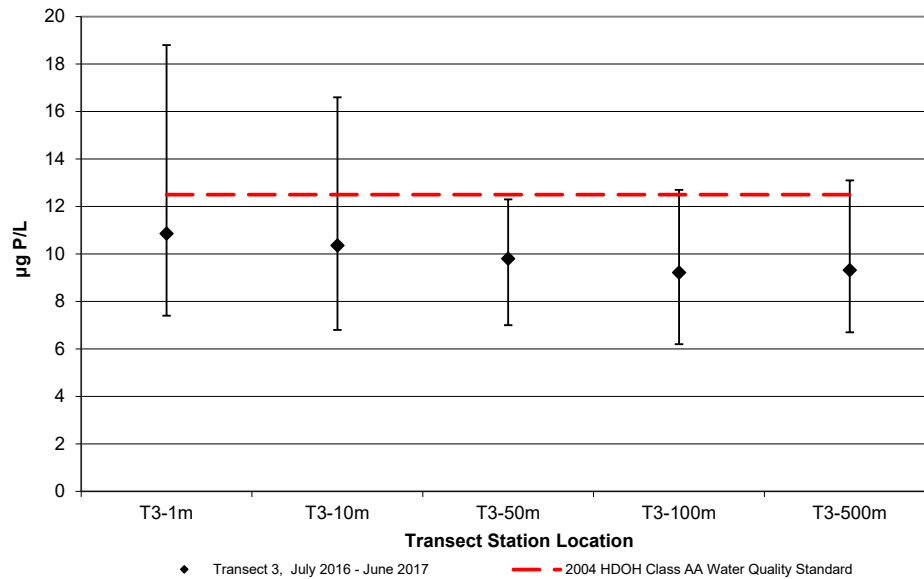
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



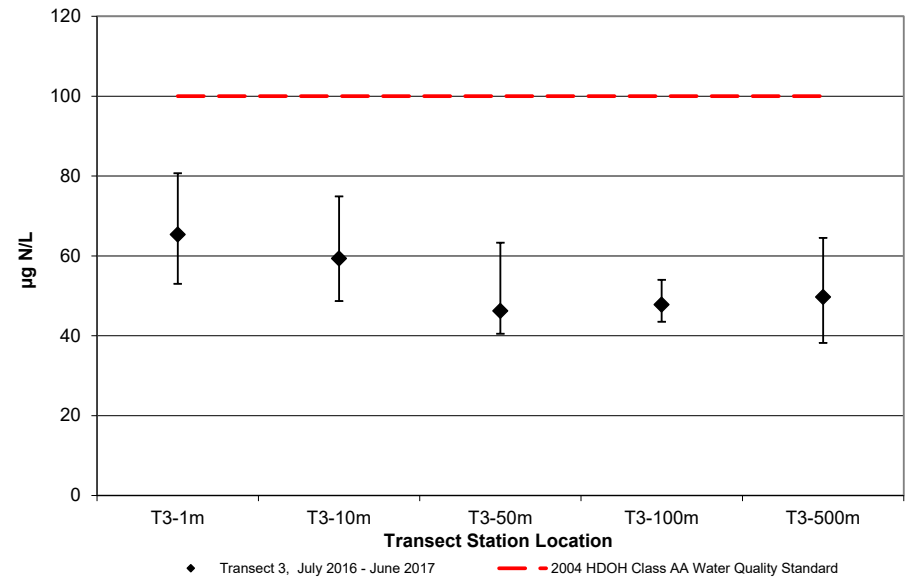
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

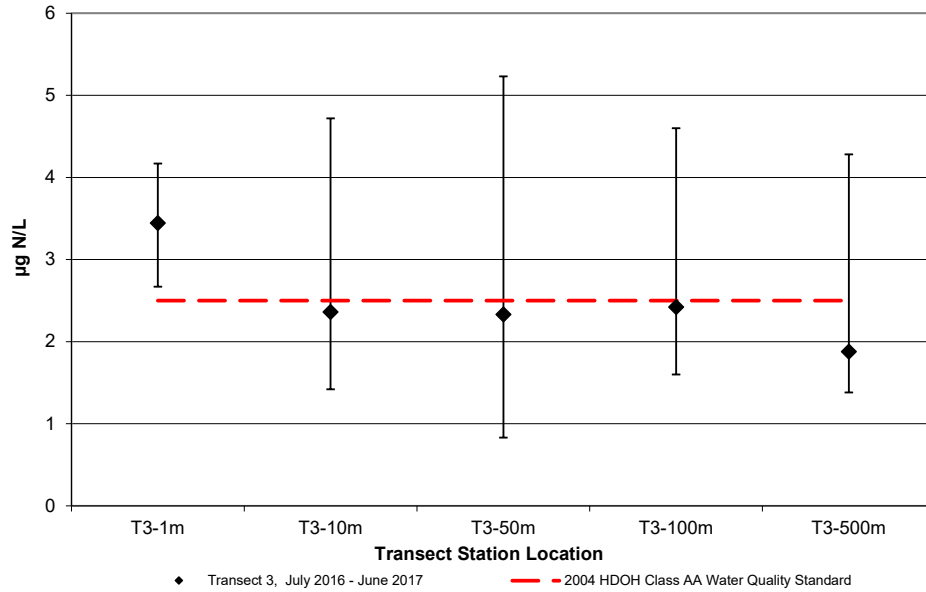


NELHA Water Quality Laboratory

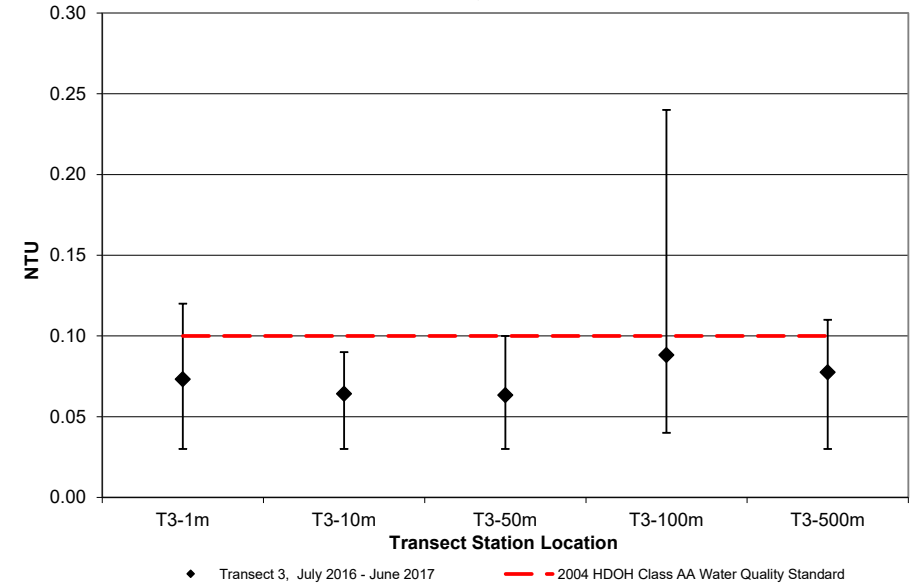
Transect 3

July 2016 - June 2017

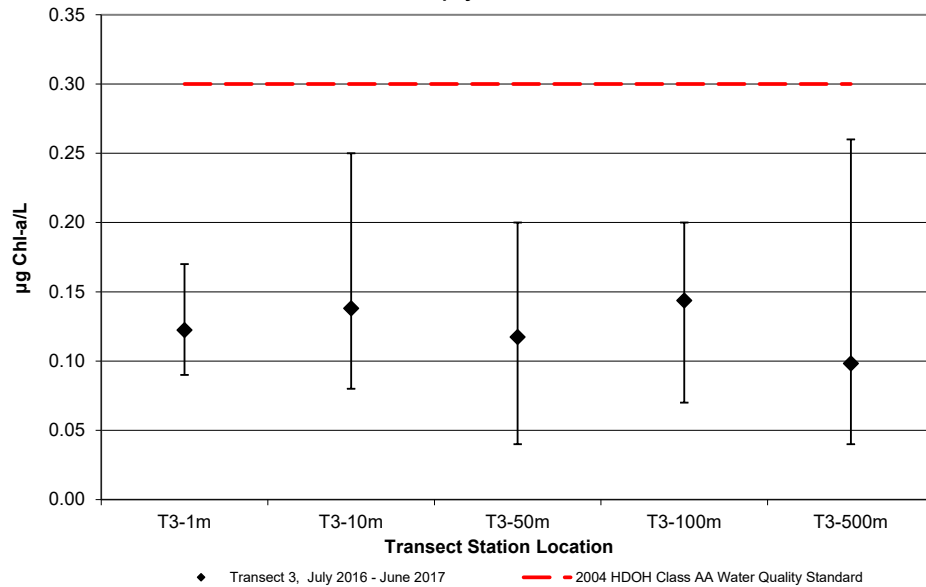
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2015 - June 2016

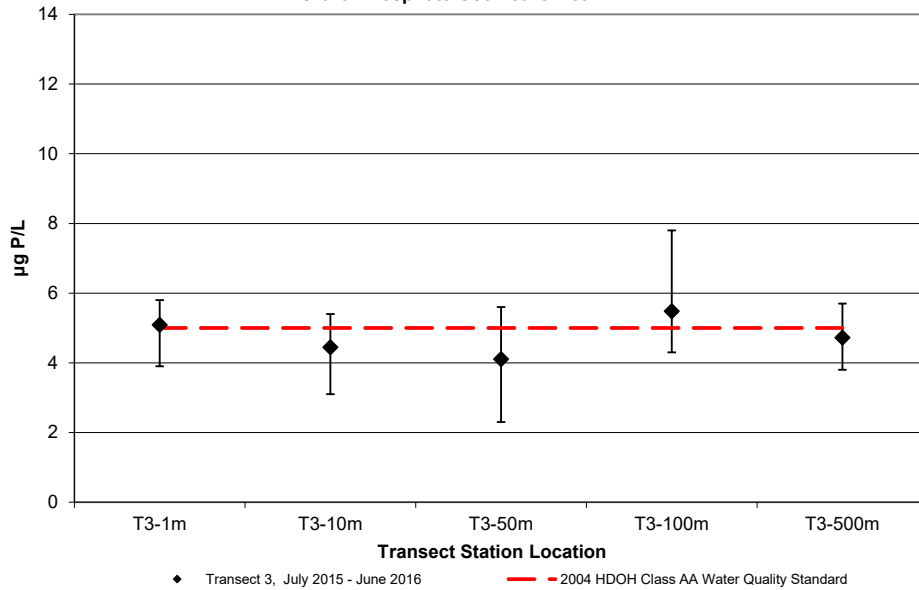
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T3-1m	8/26/15	1024	1.2 Flood	0.18 5.6	0.40 5.6	0.26 3.7	17.5 490	0.23 7.2	6.6 92	0.05	34.29	28.3	8.22	6.32	0.11
T3-1m	11/17/15	1051	1.4 Ebb	0.17 5.3	0.54 7.5	0.69 9.6	7.5 210	0.52 16.2	5.6 78	0.07	33.99	27.4	8.24	6.60	0.17
T3-1m	3/1/16	1057	0.5 Ebb	0.19 5.8	0.53 7.4	0.32 4.5	1.0 29	0.52 16.0	4.5 63	0.09	34.74	25.4	8.25	5.98	0.11
T3-1m	5/3/16	1021	1.0 Flood	0.13 3.9	0.13 1.8	0.21 3.0	1.0 28	0.40 12.5	5.3 75	0.05	34.68	25.7	8.24	6.49	0.12
Geomean FY '16				0.16 5.1	0.35 4.9	0.3 4.7		0.4 12.4	5.5 76	0.06					0.13
T3-10m	8/26/15	1030	1.2 Flood	0.17 5.4	0.36 5.0	0.34 4.7	3.2 90	0.21 6.5	5.5 77	0.02	34.35	28.4	8.22	6.26	0.35
T3-10m	11/17/15	1056	1.4 Ebb	0.15 4.5	0.50 7.0	0.09 1.3	3.8 107	0.51 15.7	6.9 97	0.07	34.01	27.5	8.23	6.50	0.12
T3-10m	3/1/16	1102	0.5 Ebb	0.17 5.2	0.46 6.5	0.34 4.7	0.1 3	0.52 16.1	4.5 63	0.08	34.80	25.4	8.24	5.93	0.09
T3-10m	5/3/16	1026	1.0 Flood	0.10 3.1	0.21 3.0	0.17 2.4	0.6 17	0.42 12.9	6.0 85	0.08	34.68	25.7	8.26	6.45	0.17
Geomean FY '16				0.14 4.4	0.36 5.1	0.21 2.9		0.39 12.1	5.7 79	0.05					0.16
T3-50m	8/26/15	1035	1.2 Flood	0.15 4.7	0.07 1.0	0.21 2.9	3.1 86	0.37 11.6	3.8 53	0.02	34.38	28.5	8.22	6.04	0.31
T3-50m	11/17/15	1102	1.4 Ebb	0.15 4.7	0.46 6.4	0.19 2.6	4.0 111	0.52 16.2	5.6 78	0.06	34.00	27.4	8.23	6.39	0.15
T3-50m	3/1/16	1110	0.5 Ebb	0.18 5.6	0.48 6.7	0.39 5.4	0.1 3	0.49 15.3	3.8 53	0.07	34.79	25.4	8.24	5.97	0.13
T3-50m	5/3/16	1032	1.0 Flood	0.07 2.3	0.18 2.5	0.16 2.3	0.6 16	0.46 14.3	11.2 157	0.07	34.67	25.8	8.27	6.41	0.19
Geomean FY '16				0.13 4.1	0.23 3.2	0.22 3.1		0.46 14.2	5.5 77	0.05					0.18
T3-100m	8/26/15	1040	1.3 Flood	0.14 4.3	0.08 1.1	0.14 1.9	3.0 83	0.31 9.7	5.8 82	0.03	34.35	28.7	8.25	5.98	0.26
T3-100m	11/17/15	1108	1.4 Ebb	0.16 4.9	0.51 7.2	0.10 1.4	4.1 116	0.54 16.8	5.9 83	0.06	34.01	27.5	8.25	6.48	0.15
T3-100m	3/1/16	1115	0.5 Ebb	0.18 5.5	0.51 7.2	0.31 4.4	0.3 8	0.51 15.8	6.0 84	0.08	34.77	25.4	8.23	5.96	0.08
T3-100m	5/3/16	1038	1.0 Flood	0.25 7.8	0.14 1.9	0.06 0.9	0.5 14	0.42 13.1	6.4 89	0.07	34.66	25.8	8.27	6.48	0.21
Geomean FY '16				0.18 5.5	0.23 3.2	0.13 1.8		0.44 13.6	6.0 84	0.06					0.16
T3-500m	8/26/15	1048	1.3 Flood	0.16 5.0	0.06 0.8	0.22 3.1	1.1 32	0.20 6.3	4.53 64	0.02	34.47	28.7	8.23	5.99	0.13
T3-500m	11/17/15	1121	1.4 Ebb	0.12 3.8	0.39 5.5	0.32 4.5	4.3 120	0.53 16.3	5.60 78	0.06	34.01	27.5	8.24	6.43	0.13
T3-500m	3/1/16	1123	0.5 Ebb	0.15 4.6	0.35 4.9	0.42 5.9	0.3 9	0.49 15.3	5.18 73	0.08	34.78	25.5	8.24	5.73	0.09
T3-500m	5/3/16	1045	1.0 Flood	0.18 5.7	0.13 1.8	0.08 1.1	0.1 2	0.46 14.2	7.23 101	0.09	34.65	26.2	8.26	6.45	0.22
Geomean FY '16				0.15 4.7	0.18 2.5	0.22 3.1		0.39 12.2	5.6 78	0.05					0.14

NELHA Water Quality Laboratory

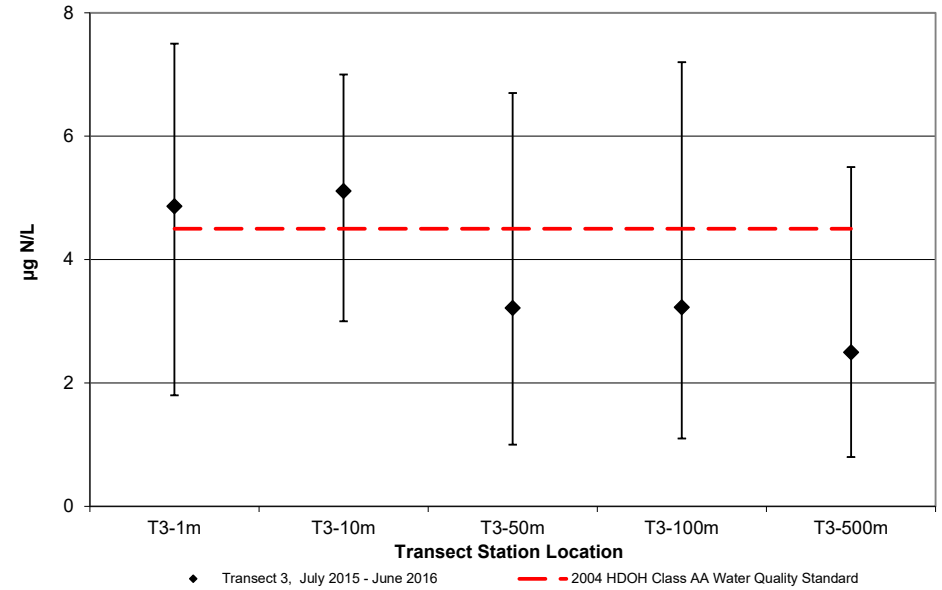
Transect 3

July 2015 - June 2016

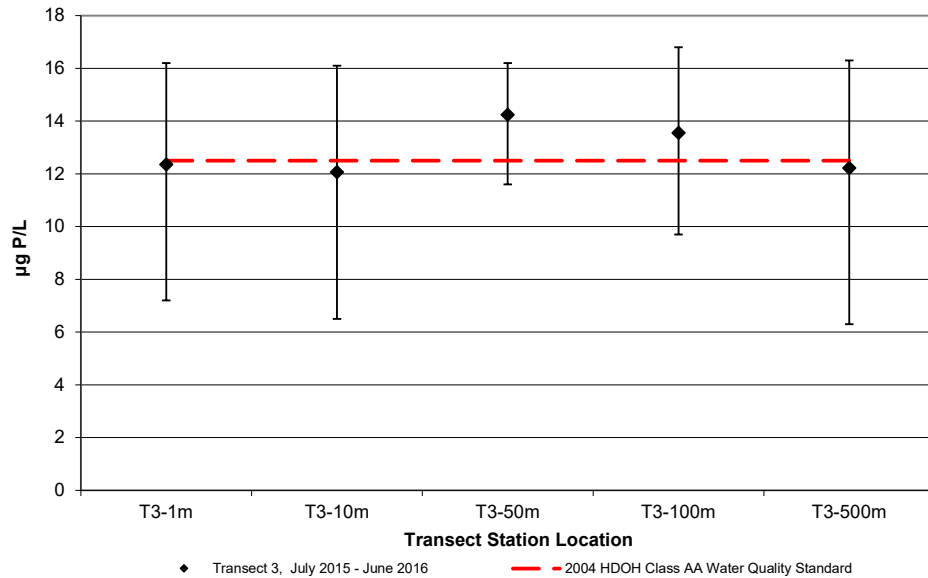
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



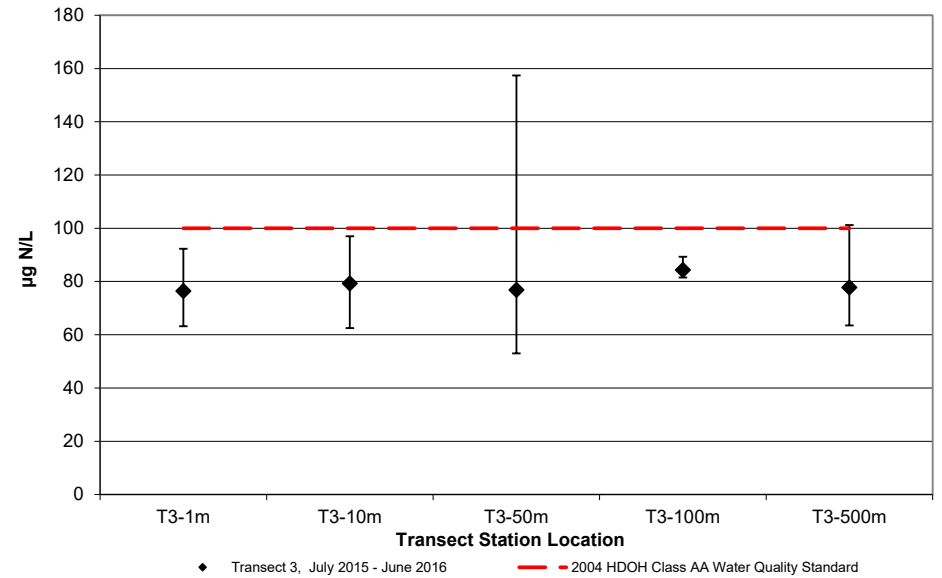
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

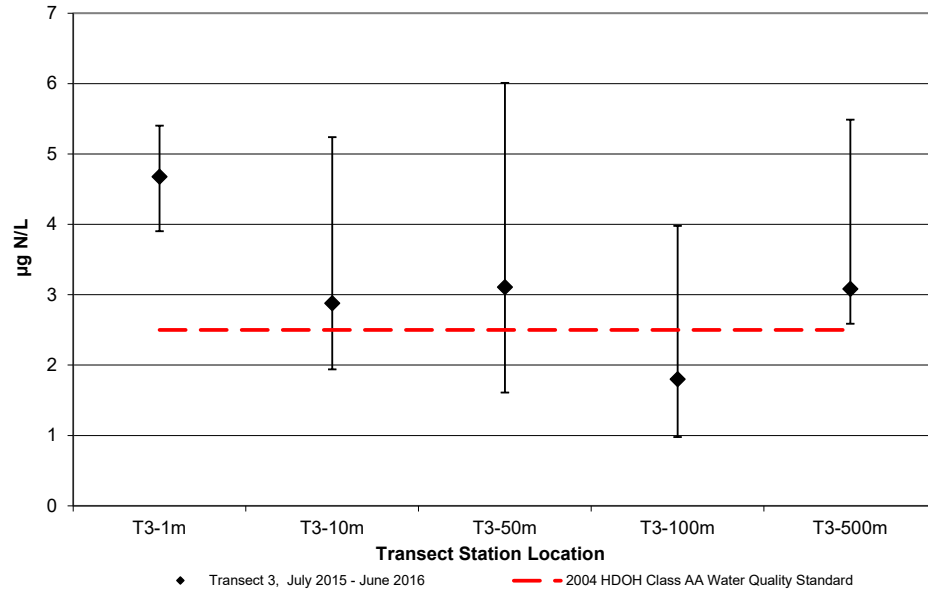


NELHA Water Quality Laboratory

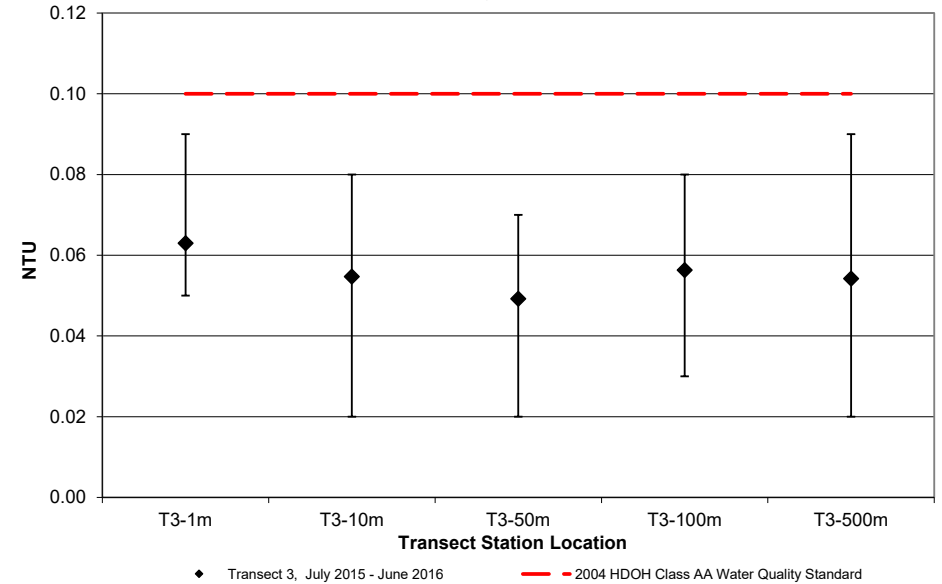
Transect 3

July 2015 - June 2016

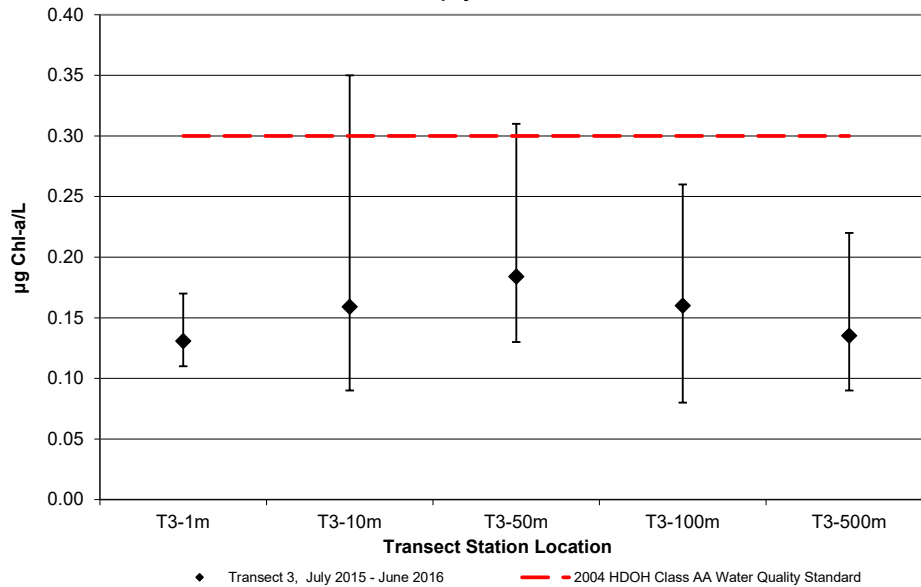
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2014 - June 2015

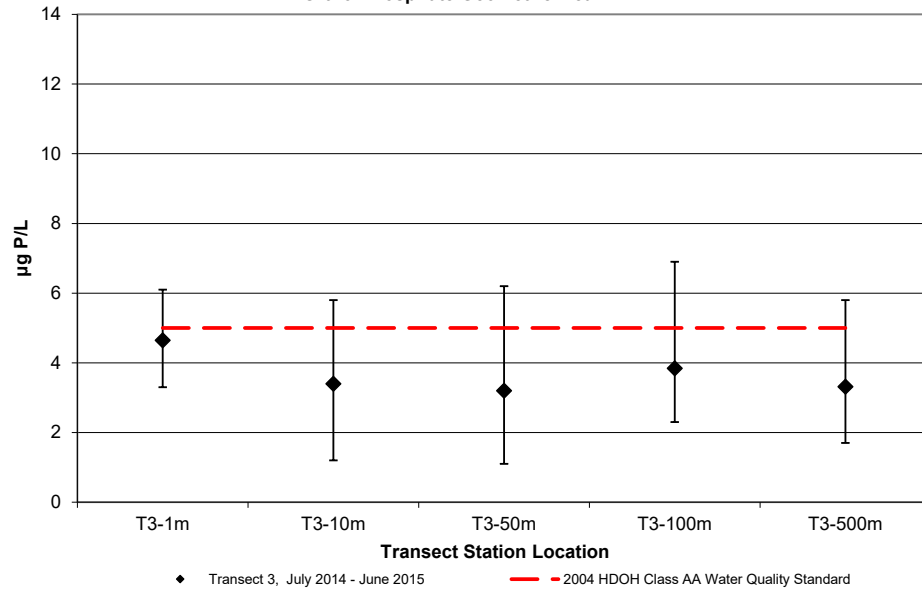
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T3-1m	8/5/14	1034	1.6 Flood	0.20 6.1	0.25 3.5	0.68 9.5	1.3 37	0.53 16.5	5.0 70	0.10	34.95	26.8	8.22	6.04	0.03
T3-1m	11/17/14	1210	1.4 Flood	0.17 5.4	0.33 4.6	0.42 5.9	0.3 9	0.48 14.8	5.9 83	0.08	34.96	27.2	8.22	6.97	0.14
T3-1m	3/3/15	1038	0.0 Low	0.11 3.3	0.81 11.3	0.10 1.4	2.4 69	0.33 10.2	8.7 121	0.08	34.83	25.6	8.18	7.24	0.15
T3-1m	6/16/15	1247	0.2 Flood	0.14 4.3	0.59 8.2	0.42 5.9	2.8 80	0.44 13.7	10.2 144	0.07	34.24	26.9	8.22	6.35	0.09
Geomean FY '15				0.15 4.6	0.44 6.2	0.3 4.6		0.4 13.6	7.1 100	0.08					0.07
T3-10m	8/5/14	1037	1.7 Flood	0.19 5.8	0.21 2.9	0.42 5.9	1.4 39	0.50 15.5	4.4 62	0.10	34.95	26.8	8.22	6.01	0.17
T3-10m	11/17/14	1213	1.5 Flood	0.17 5.2	0.29 4.1	0.36 5.0	0.3 9	0.45 13.9	6.9 97	0.06	34.95	27.2	8.22	7.04	0.18
T3-10m	3/3/15	1041	0.0 Low	0.04 1.2	0.34 4.8	0.33 4.6	10.0 282	0.34 10.6	11.0 155	0.06	34.84	25.6	8.19	6.98	0.12
T3-10m	6/16/15	1252	0.2 Flood	0.12 3.7	0.47 6.6	0.34 4.8	3.1 86	0.42 13.1	7.2 101	0.06	34.27	26.8	8.23	6.32	0.13
Geomean FY '15				0.11 3.4	0.31 4.4	0.36 5.1		0.42 13.2	7.0 98	0.07					0.15
T3-50m	8/5/14	1040	1.7 Flood	0.20 6.2	0.10 1.4	0.38 5.3	1.0 28	0.49 15.3	5.3 74	0.16	34.94	26.7	8.23	6.00	0.13
T3-50m	11/17/14	1217	1.5 Flood	0.17 5.3	0.14 2.0	0.35 4.9	0.0 0.2	0.46 14.4	5.5 78	0.07	34.95	27.3	8.22	6.74	0.16
T3-50m	3/3/15	1047	0.0 Low	0.04 1.1	0.06 0.8	0.16 2.3	0.7 21	0.30 9.4	6.3 88	0.09	34.87	25.5	8.18	6.99	0.13
T3-50m	6/16/15	1259	0.2 Flood	0.09 2.9	1.03 14.4	0.46 6.4	2.7 76	0.32 9.9	7.5 106	0.05	34.23	26.9	8.23	6.30	0.17
Geomean FY '15				0.10 3.2	0.17 2.4	0.32 4.4		0.39 12.0	6.1 85	0.08					0.15
T3-100m	8/5/14	1044	1.7 Flood	0.18 5.5	0.03 0.4	0.26 3.6	0.4 11	0.49 15.2	3.9 55	0.12	34.93	26.8	8.22	5.90	0.12
T3-100m	11/17/14	1221	1.5 Flood	0.22 6.9	0.08 1.1	0.46 6.5	0.0 0.1	0.49 15.1	5.6 78	0.08	34.95	27.2	8.22	6.80	0.14
T3-100m	3/3/15	1055	0.0 Low	0.07 2.3	0.06 0.8	0.21 3.0	0.3 9	0.33 10.2	6.8 96	0.10	34.86	25.8	8.19	6.96	0.07
T3-100m	6/16/15	1306	0.3 Flood	0.08 2.5	0.39 5.4	0.37 5.2	2.3 63	0.36 11.3	7.0 98	0.05	34.32	27.0	8.22	6.04	0.10
Geomean FY '15				0.12 3.8	0.08 1.2	0.31 4.4		0.41 12.8	5.7 80	0.08					0.10
T3-500m	8/5/14	1051	1.7 Flood	0.19 5.8	0.03 0.4	0.51 7.2	0.5 15	0.50 15.5	4.93 69	0.09	34.93	27.1	8.22	5.86	0.10
T3-500m	11/17/14	1227	1.5 Flood	0.16 4.9	0.01 0.1	0.40 5.6	0.0 0.1	0.46 14.4	6.43 90	0.05	34.96	27.4	8.22	6.70	0.16
T3-500m	3/3/15	1103	0.0 Low	0.05 1.7	0.01 0.1	0.14 2.0	0.1 3	0.33 10.2	6.85 96	0.10	34.79	25.7	8.19	6.97	0.04
T3-500m	6/16/15	1314	0.3 Flood	0.08 2.5	0.10 1.4	0.43 6.0	2.0 57	0.11 3.5	7.95 111	0.07	34.29	27.0	8.22	6.04	0.14
Geomean FY '15				0.11 3.3	0.02 0.3	0.33 4.7		0.31 9.4	6.4 90	0.07					0.10

NELHA Water Quality Laboratory

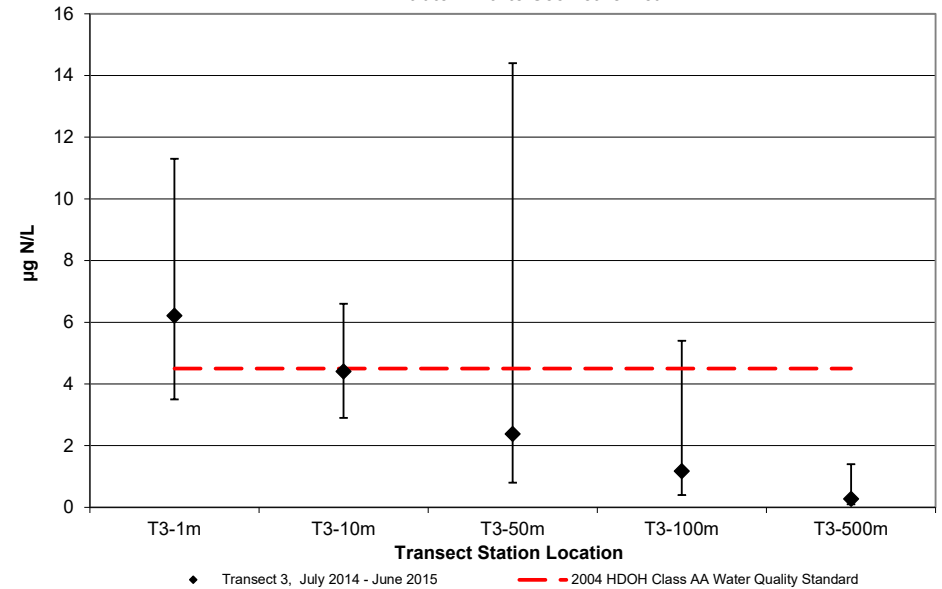
Transect 3

July 2014 - June 2015

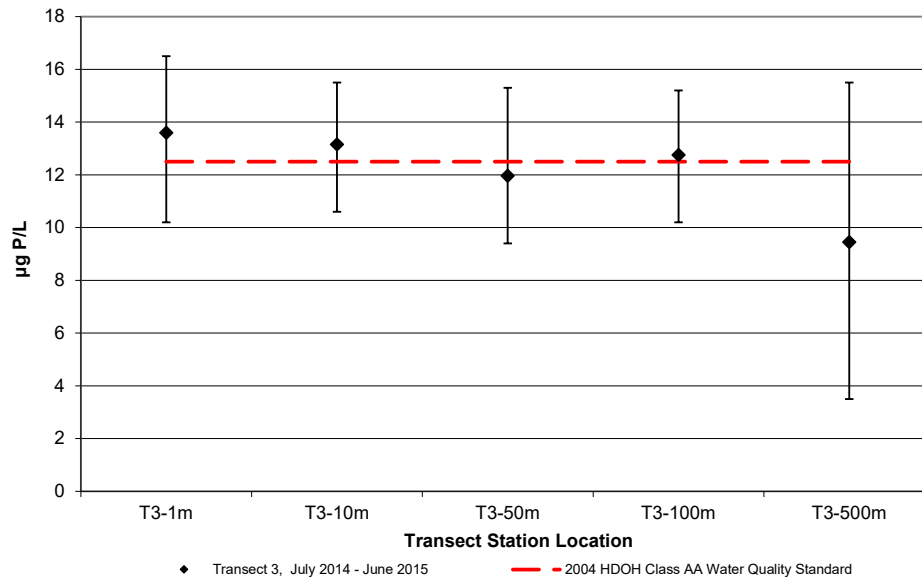
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



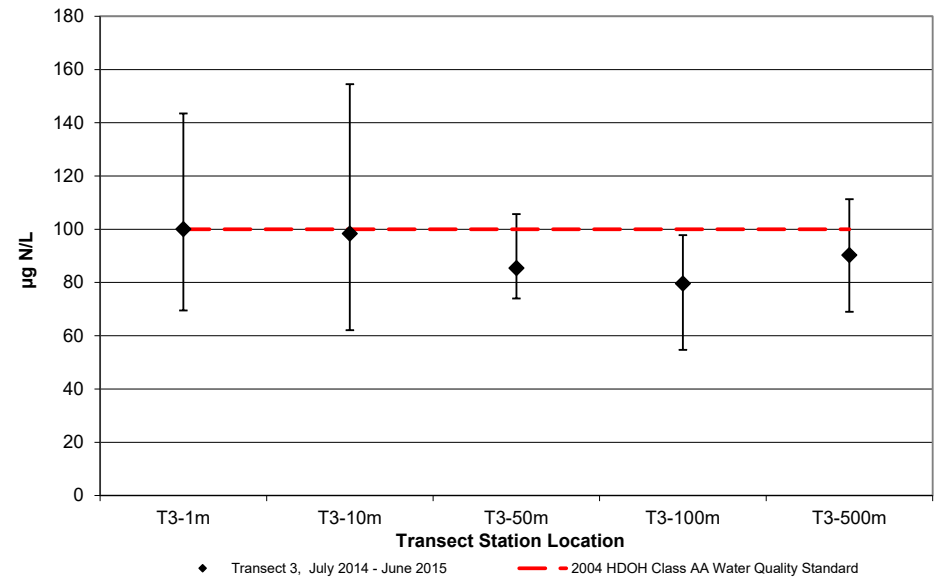
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

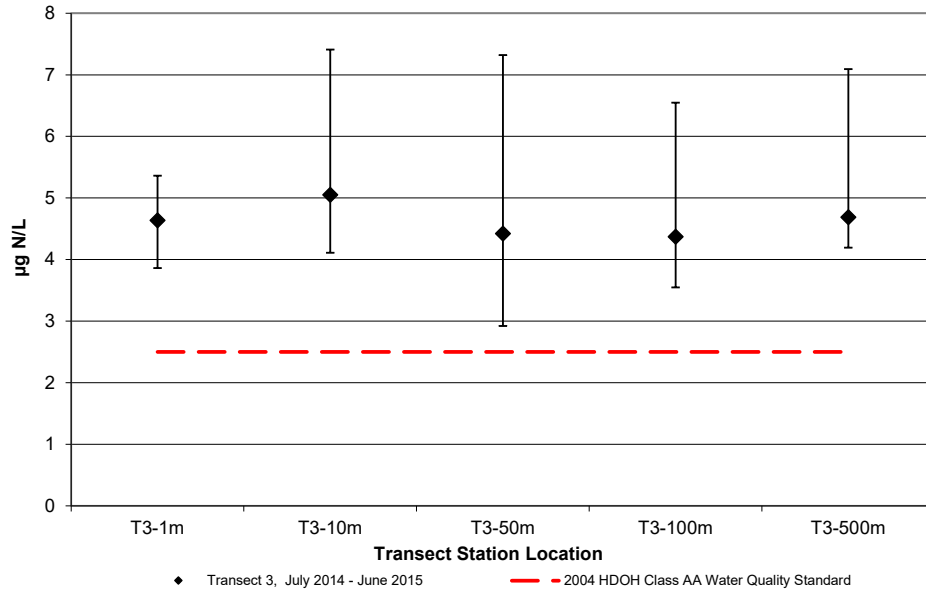


NELHA Water Quality Laboratory

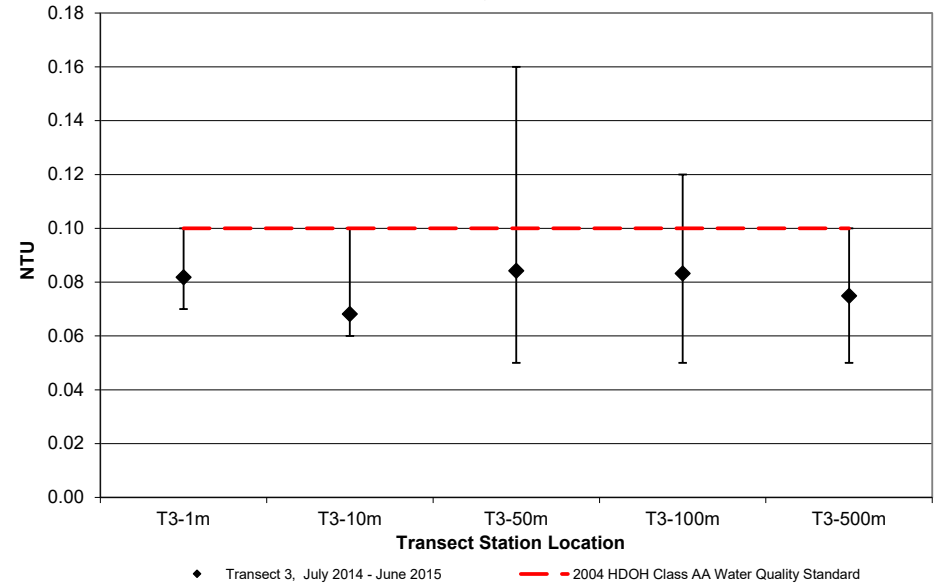
Transect 3

July 2014 - June 2015

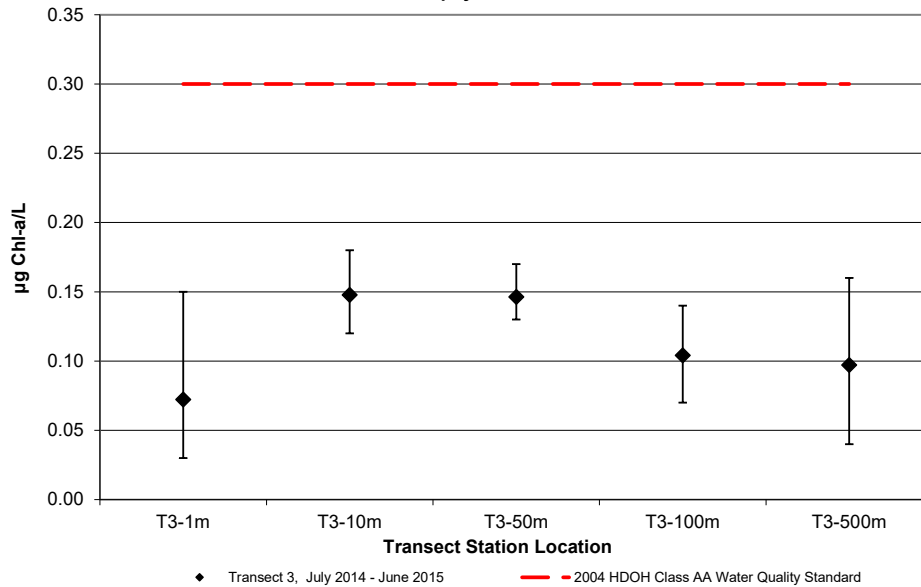
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2013 - June 2014

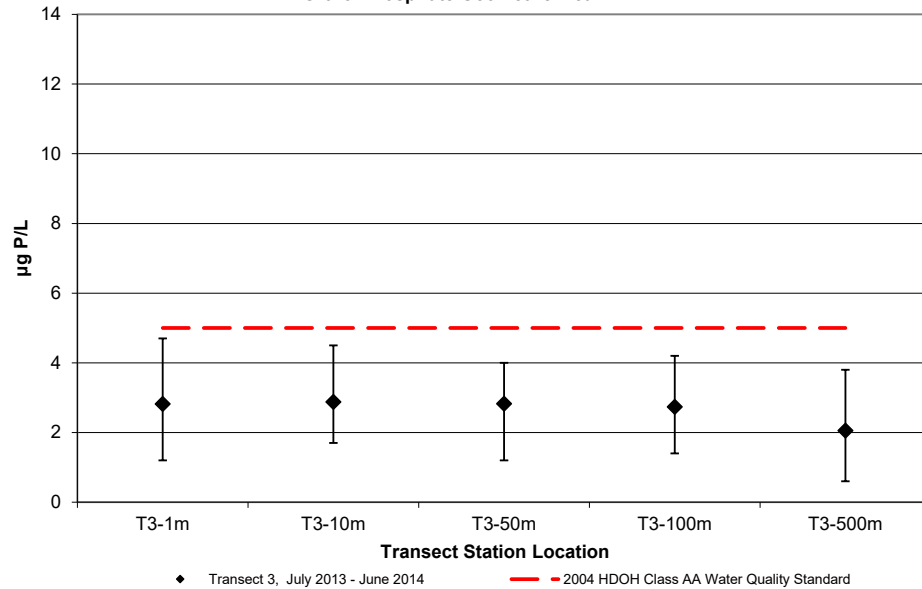
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ³⁻ (µM) (µg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)		NH ₄ ⁺ & NH ₃ (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (µg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	8/1/13	952	1.1	Flood	0.04	1.2	0.11	1.5	0.08	1.1	2.3	64	0.44	13.5	5.2	73	0.11	35.25	26.3	8.26	7.02	0.14
T3-1m	10/29/13	1021	1.4	Flood	0.15	4.7	0.50	7.0	0.34	4.7	2.5	72	0.46	14.1	6.2	87	0.06	35.25	27.1	8.22	6.54	0.12
T3-1m	2/4/14	1033	0.6	Ebb	0.10	3.2	0.54	7.6	0.56	7.8	2.1	59	0.38	11.9	4.0	57	0.02	35.10	25.2	8.20	6.56	0.14
T3-1m	5/6/14	1034	0.7	High	0.11	3.5	0.43	6.0	0.28	3.9	3.1	88	0.45	13.9	5.4	76	0.08	34.72	25.9	8.20	6.11	0.16
Geomean	FY '14				0.09	2.8	0.33	4.7	0.3	3.5			0.4	13.3	5.2	72	0.06					0.14
T3-10m	8/1/13	956	1.1	Flood	0.05	1.7	0.24	3.3	0.16	2.3	2.4	68	0.37	11.4	5.1	71	0.09	35.26	26.3	8.26	7.03	0.10
T3-10m	10/29/13	1025	1.4	Flood	0.15	4.5	0.59	8.2	0.36	5.0	2.6	72	0.45	14	6.0	85	0.02	35.26	27.1	8.22	6.57	0.15
T3-10m	2/4/14	1037	0.5	Ebb	0.09	2.8	0.65	9.1	0.49	6.9	2.1	58	0.36	11.1	5.1	72	0.02	35.09	25.2	8.20	6.52	0.09
T3-10m	5/6/14	1040	0.7	High	0.10	3.2	0.47	6.6	0.37	5.2	3.2	89	0.50	15.6	7.3	103	0.04	34.74	25.9	8.20	6.28	0.15
Geomean	FY '14				0.09	2.9	0.45	6.3	0.32	4.5			0.42	12.9	5.8	82	0.03					0.12
T3-50m	8/1/13	1000	1.1	Flood	0.04	1.2	0.16	2.2	0.12	1.7	2.4	67	0.45	13.9	6.6	92	0.08	35.28	26.3	8.26	6.89	0.19
T3-50m	10/29/13	1029	1.4	Flood	0.13	4.0	0.38	5.3	0.40	5.6	2.5	71	0.45	13.9	5.1	71	0.02	35.25	27.1	8.22	6.43	0.21
T3-50m	2/4/14	1044	0.5	Ebb	0.12	3.6	0.59	8.3	0.49	6.8	2.0	56	0.37	11.5	4.2	58	0.02	35.09	25.2	8.20	6.46	0.25
T3-50m	5/6/14	1049	0.7	High	0.12	3.7	0.56	7.9	0.23	3.2	4.3	121	0.42	13.1	6.3	89	0.08	34.74	25.9	8.19	6.35	0.18
Geomean	FY '14				0.09	2.8	0.38	5.3	0.27	3.8			0.42	13.1	5.5	76	0.04					0.21
T3-100m	8/1/13	1006	1.1	Flood	0.05	1.4	0.05	0.7	0.32	4.5	2.0	57	0.38	11.8	5.5	77	0.24	35.22	26.4	8.26	6.80	0.14
T3-100m	10/29/13	1035	1.5	Flood	0.11	3.3	0.36	5.0	0.31	4.4	2.3	65	0.44	13.6	5.3	74	0.02	35.26	27.1	8.20	6.47	0.19
T3-100m	2/4/14	1051	0.5	Ebb	0.09	2.9	0.24	3.3	0.39	5.4	1.9	52	0.37	11.6	4.8	67	0.02	35.09	25.2	8.20	6.48	0.09
T3-100m	5/6/14	1055	0.7	High	0.14	4.2	0.51	7.2	0.18	2.5	4.2	118	0.44	13.7	5.8	81	0.04	34.73	26.0	8.20	6.15	0.20
Geomean	FY '14				0.09	2.7	0.22	3.0	0.29	4.0			0.41	12.6	5.3	75	0.04					0.15
T3-500m	8/1/13	1015	1.2	Flood	0.02	0.6	0.08	1.1	0.03	0.4	2.0	57	0.38	11.9	4.96	70	0.13	35.25	26.6	8.26	6.82	0.07
T3-500m	10/29/13	1049	1.5	Flood	0.09	2.7	0.09	1.3	0.37	5.2	1.6	45	0.47	14.6	5.91	83	0.02	35.28	27.2	8.22	6.23	0.17
T3-500m	2/4/14	1101	0.5	Ebb	0.09	2.9	0.06	0.8	0.29	4.1	1.5	42	0.37	11.5	3.74	52	0.02	35.12	25.3	8.20	6.25	0.11
T3-500m	5/6/14	1103	0.7	High	0.12	3.8	0.06	0.8	0.50	7.0	1.1	32	0.42	13.1	6.01	84	0.03	34.85	26.2	8.20	6.06	0.16
Geomean	FY '14				0.07	2.1	0.07	1.0	0.20	2.8			0.41	12.7	5.1	71	0.04					0.12

NELHA Water Quality Laboratory

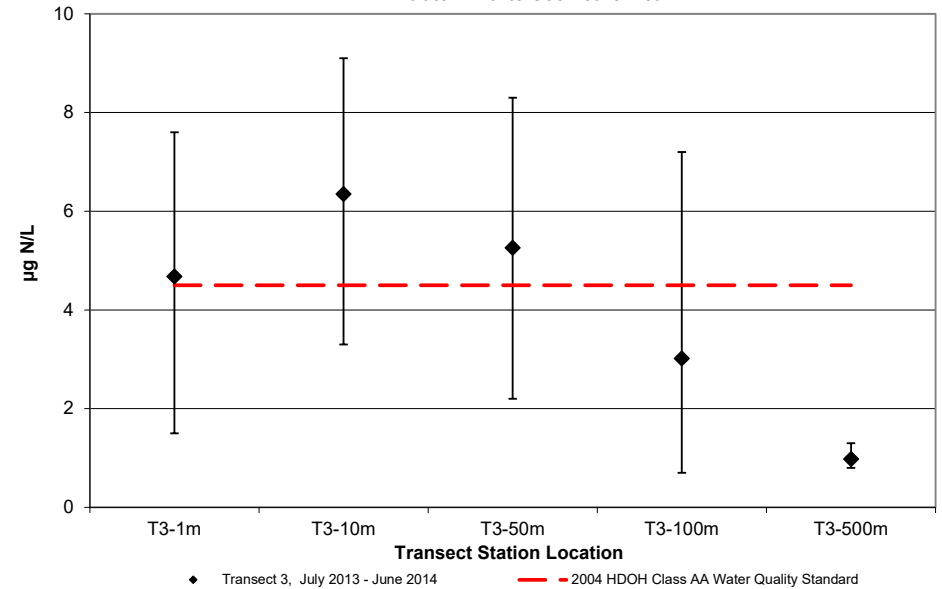
Transect 3

July 2013 - June 2014

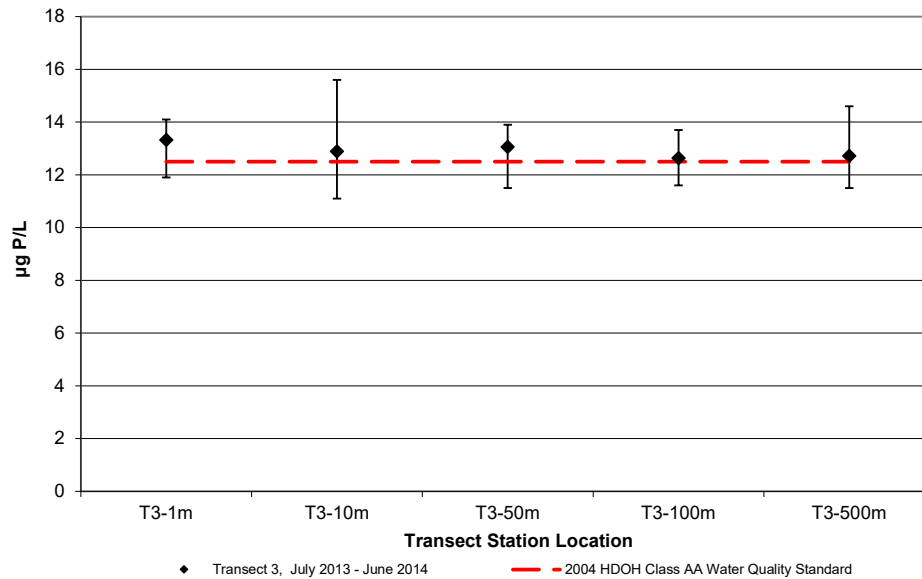
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



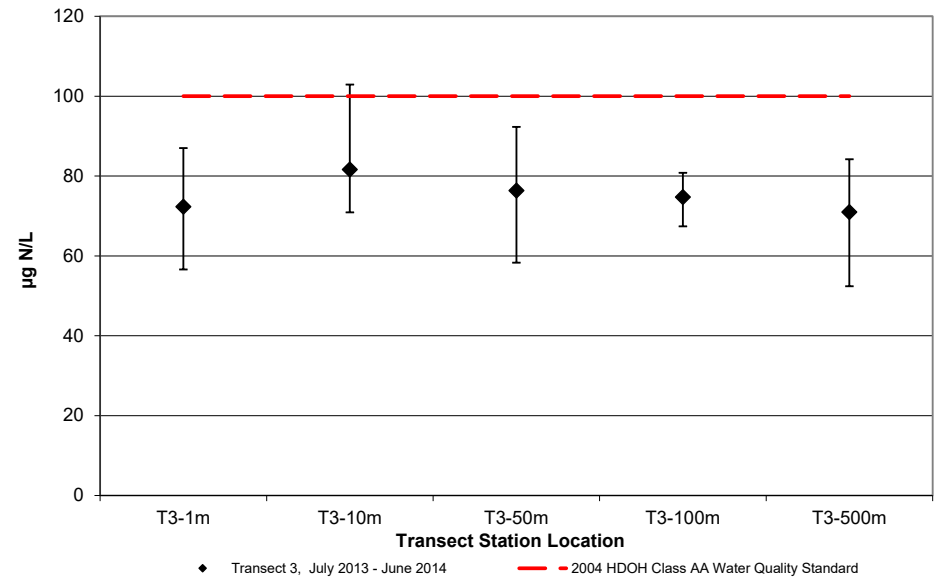
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

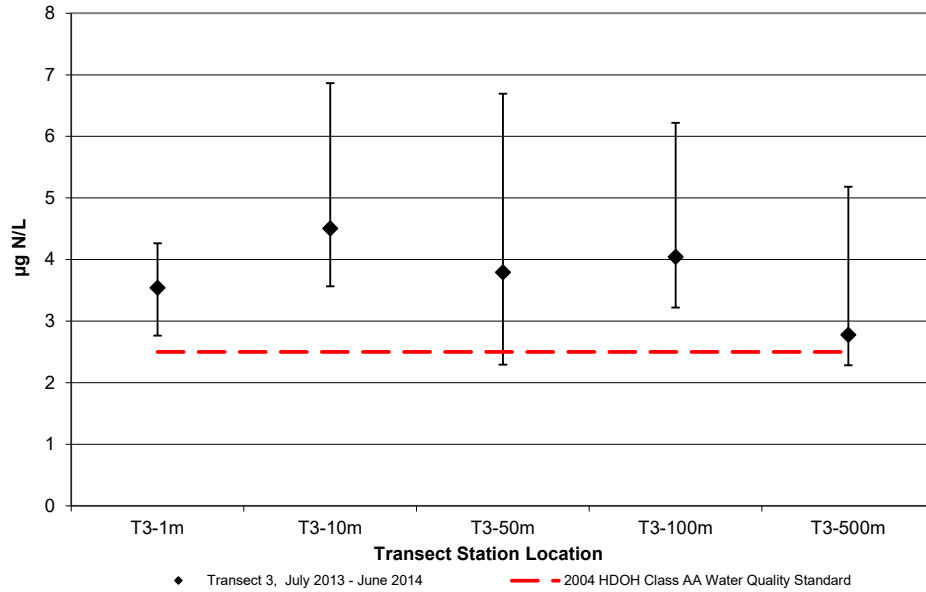


NELHA Water Quality Laboratory

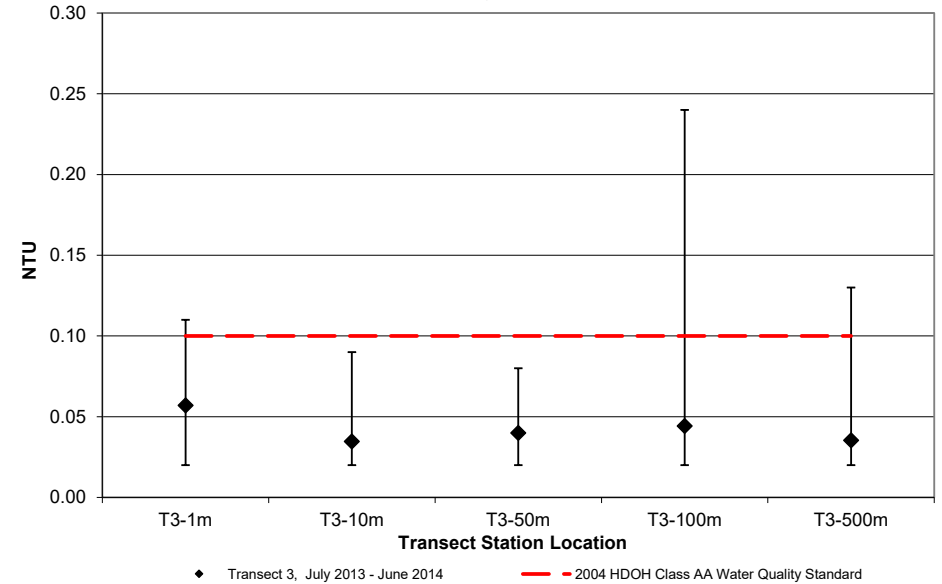
Transect 3

July 2013 - June 2014

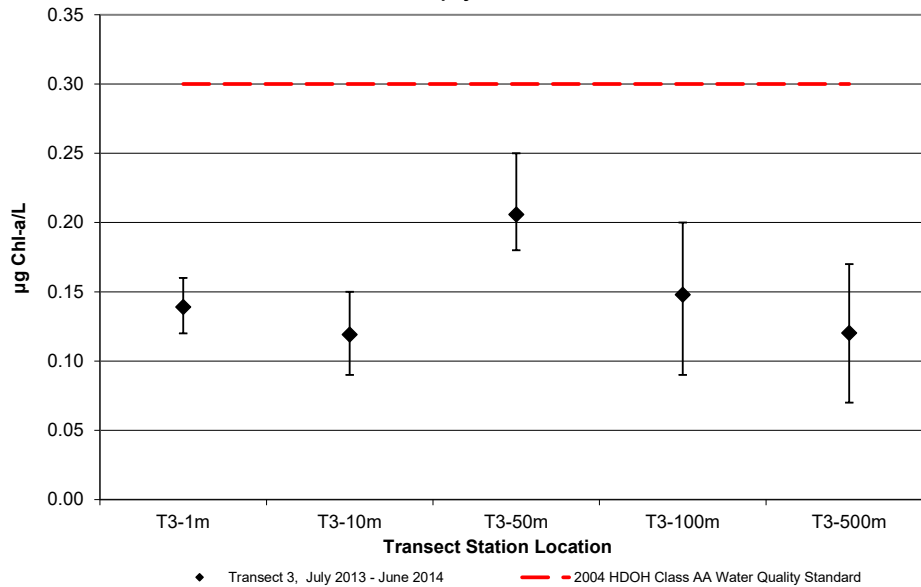
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2012 - June 2013

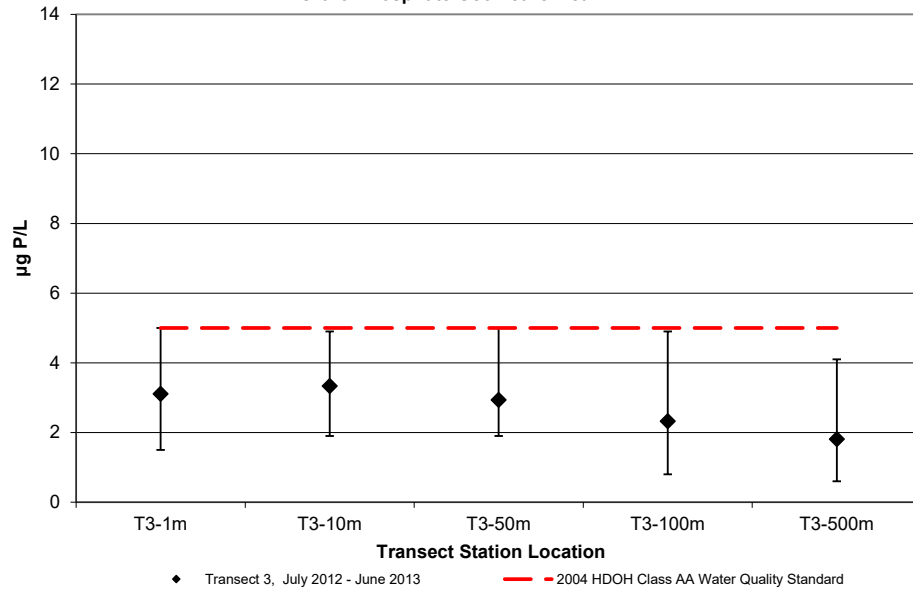
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T3-1m	7/24/12	1041		0.05 1.5	0.35 4.9	0.25 3.5	1.6 45	0.34 10.5	3.8 54	0.06	35.06	26.4	8.24	7.10	0.04
T3-1m	11/27/12	1026		0.12 3.8	1.12 15.7	0.26 3.6	4.0 113	0.49 15.1	6.3 88	0.04	35.15	25.0	8.20	7.12	0.15
T3-1m	1/23/13	1037		0.11 3.3	0.66 9.2	0.25 3.5	2.8 80	0.43 13.4	5.7 80	0.06	35.08	24.7	8.20	6.71	0.06
T3-1m	4/16/13	1045		0.16 5.0	0.72 10.1	0.41 5.7	2.3 63	0.48 14.9	6.7 94	0.06	35.11	25.0	8.21	7.01	0.04
Geomean FY '13				0.10 3.1	0.66 9.2	0.3 4.0		0.4 13.3	5.5 77	0.05					0.06
T3-10m	7/24/12	1045		0.06 1.9	0.36 5.1	0.25 3.5	1.4 40	0.30 9.4	4.2 59	0.10	35.06	26.4	8.24	6.97	0.10
T3-10m	11/27/12	1029		0.14 4.3	1.28 17.9	0.37 5.2	4.4 125	0.46 14.3	5.7 80	0.03	35.14	25.0	8.21	7.13	0.08
T3-10m	1/23/13	1040		0.10 3.1	0.48 6.7	0.37 5.2	2.4 67	0.49 15.2	7.0 98	0.03	35.08	24.7	8.21	6.69	0.03
T3-10m	4/16/13	1048		0.16 4.9	0.76 10.7	0.16 2.3	2.5 71	0.46 14.4	5.9 83	0.03	35.11	25.0	8.23	6.93	0.15
Geomean FY '13				0.11 3.3	0.64 9.0	0.27 3.8		0.42 13.1	5.6 79	0.04					0.08
T3-50m	7/24/12	1051		0.06 1.9	0.29 4.0	0.30 4.2	1.4 40	0.32 9.8	3.9 55	0.07	35.06	26.4	8.24	6.98	0.07
T3-50m	11/27/12	1033		0.09 2.8	0.41 5.8	0.27 3.8	2.2 62	0.38 11.8	4.2 59	0.04	35.20	25.1	8.21	6.91	0.04
T3-50m	1/23/13	1045		0.09 2.8	0.35 4.9	0.24 3.3	2.8 78	0.43 13.4	4.3 60	0.04	35.07	24.8	8.22	6.44	0.04
T3-50m	4/16/13	1053		0.16 5.0	0.74 10.4	0.16 2.2	2.8 80	0.48 14.9	5.9 82	0.08	35.10	25.0	8.20	6.88	0.08
Geomean FY '13				0.09 2.9	0.42 5.9	0.23 3.3		0.40 12.3	4.5 63	0.05					0.05
T3-100m	7/24/12	1055		0.03 0.8	0.11 1.6	0.11 1.6	1.2 33	0.36 11.3	4.8 67	0.06	35.06	26.4	8.25	6.84	0.13
T3-100m	11/27/12	1036		0.08 2.5	0.29 4.1	0.54 7.5	2.4 67	0.57 17.6	4.8 68	0.02	35.21	25.2	8.21	6.83	0.20
T3-100m	1/23/13	1050		0.10 3.0	0.66 9.2	0.36 5.0	4.8 134	0.45 14.0	5.4 75	0.07	35.09	24.7	8.22	6.29	0.07
T3-100m	4/16/13	1058		0.16 4.9	0.56 7.8	0.17 2.4	1.8 51	0.47 14.5	5.9 82	0.02	35.10	25.0	8.21	6.78	0.09
Geomean FY '13				0.08 2.3	0.33 4.7	0.25 3.5		0.46 14.2	5.2 73	0.04					0.11
T3-500m	7/24/12	1102		0.02 0.6	0.09 1.2	0.14 1.9	2.2 61	0.37 11.5	3.75 53	0.12	35.02	26.4	8.26	6.86	0.14
T3-500m	11/27/12	1042		0.06 1.9	0.04 0.6	0.26 3.7	1.3 35	0.36 11.2	4.80 67	0.03	35.23	25.5	8.21	6.87	0.18
T3-500m	1/23/13	1059		0.07 2.3	0.01 0.1	0.26 3.6	1.0 27	0.41 12.8	5.23 73	0.08	35.12	24.9	8.23	6.42	0.08
T3-500m	4/16/13	1106		0.13 4.1	0.09 1.3	0.11 1.6	0.4 12	0.48 14.9	5.54 78	0.02	35.12	24.9	8.22	6.86	0.5
Geomean FY '13				0.06 1.8	0.04 0.6	0.18 2.5		0.40 12.5	4.8 67	0.05					0.18

NELHA Water Quality Laboratory

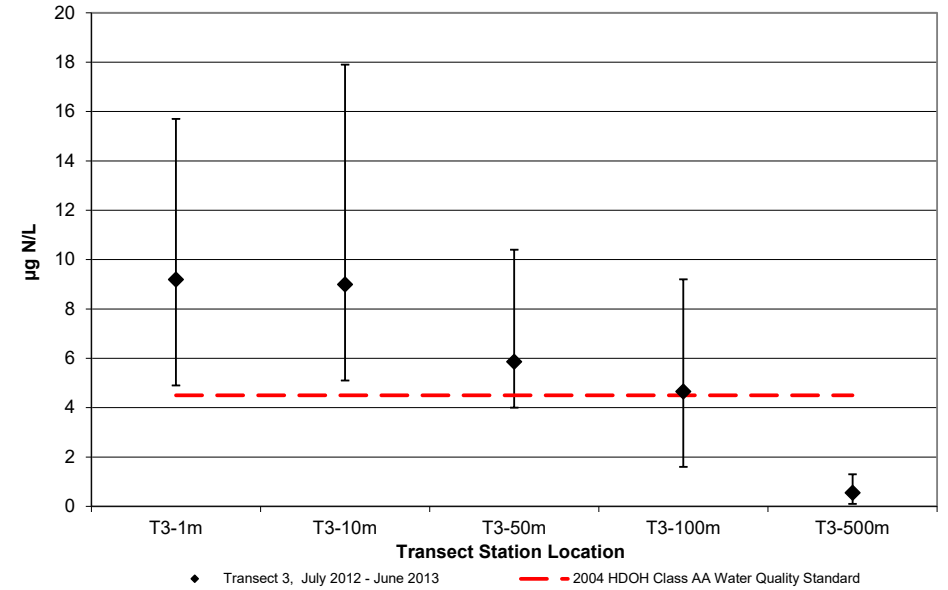
Transect 3

July 2012 - June 2013

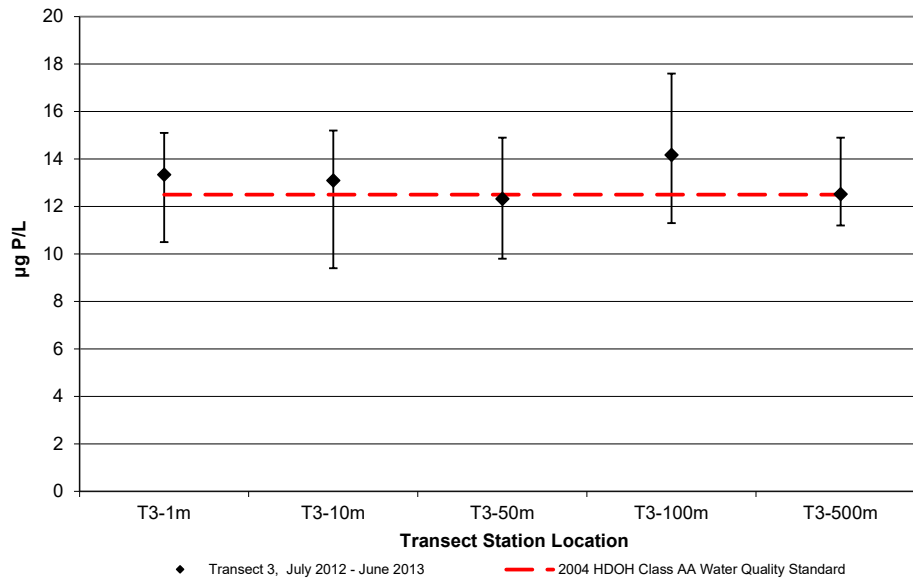
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean



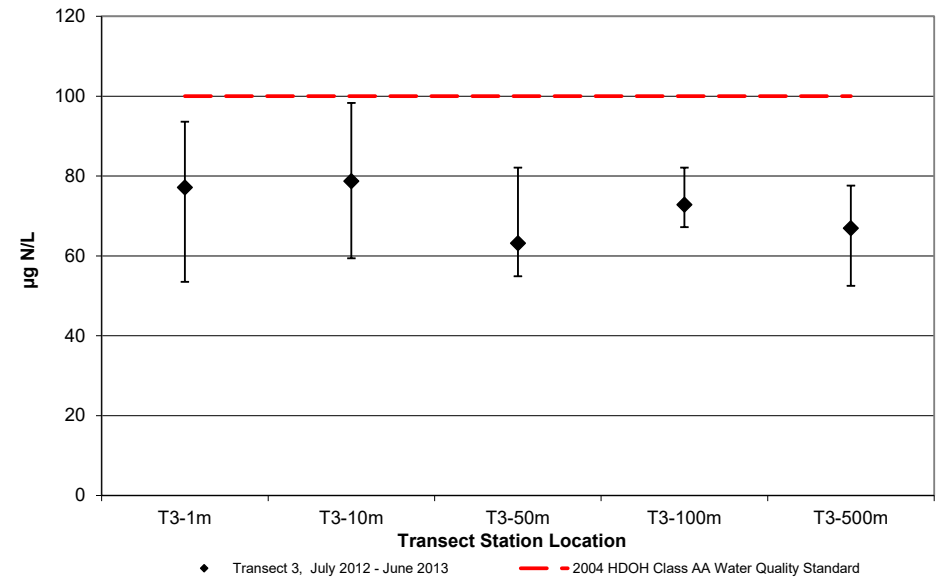
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean

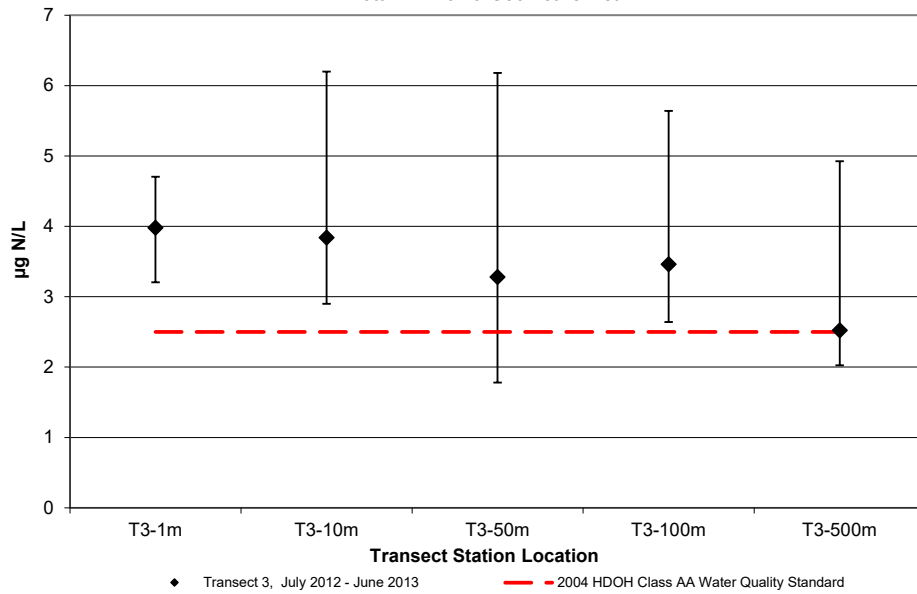


NELHA Water Quality Laboratory

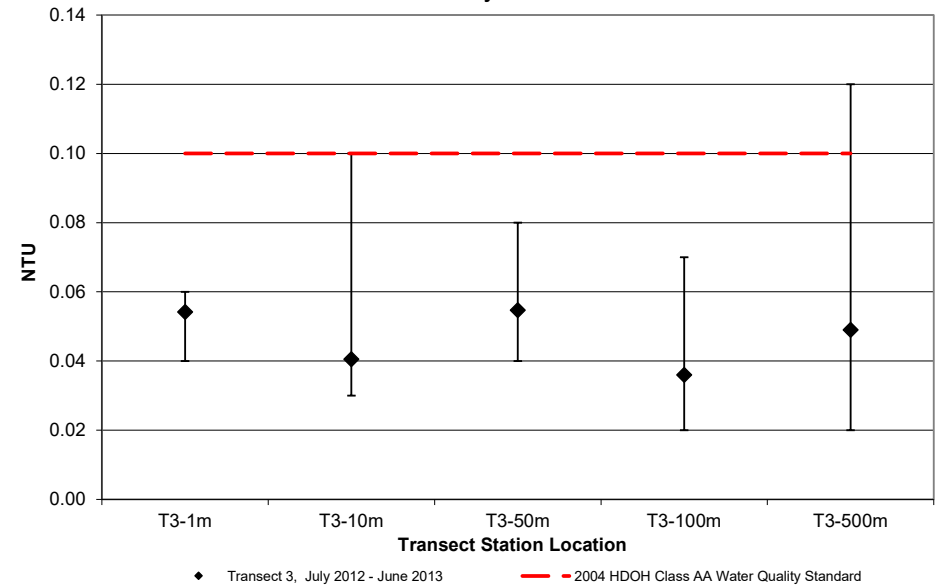
Transect 3

July 2012 - June 2013

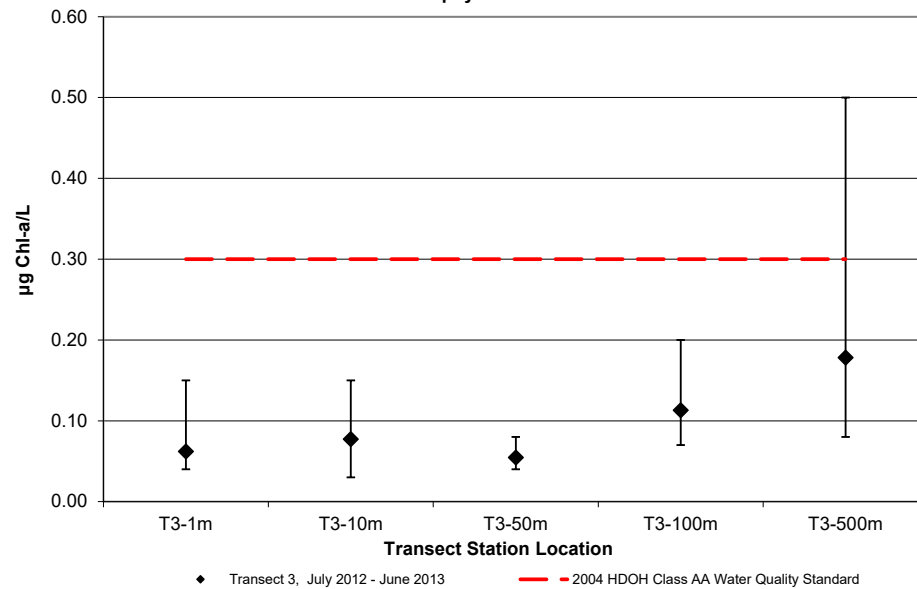
Transect 3 Station Summary
Total Ammonia Geometric Mean



Transect 3 Station Summary
Turbidity Geometric Mean



Transect 3 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 3

July 2011 - June 2012

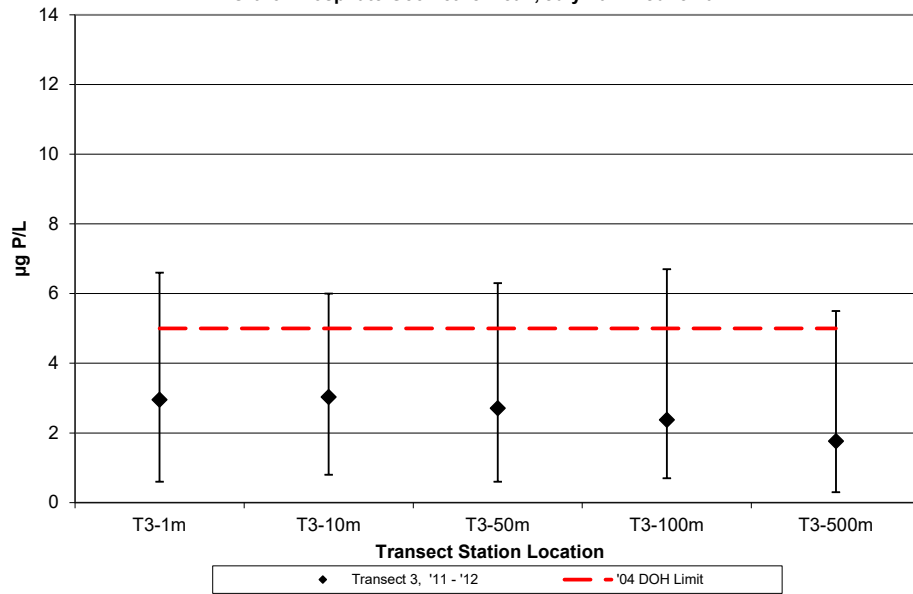
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30		
T3-1m	7/26/11	1115	1.6 Flood	0.21	6.6	0.26	3.7	0.17	2.4	1.5	42	0.49	15.1	3.5	49	0.09	34.82	26.0	8.27	6.75	0.04
T3-1m	10/18/11	1031	1.8 Ebb	0.02	0.6	0.12	1.7	0.24	3.4	2.4	68	0.30	9.4	4.1	58	0.09	35.06	26.8	8.24	7.09	0.08
T3-1m	1/25/12	1058	0.3 Ebb	0.13	4.0	0.66	9.3	0.23	3.2	3.4	96	0.41	12.7	4.3	60	0.09	35.00	24.7	8.21	7.12	
T3-1m	4/24/12	1125	-0.1 Low	0.15	4.8	0.60	8.4	0.28	3.9	2.1	59	0.43	13.4	4.0	56	0.08	35.10	24.9	8.23	6.98	0.06
Geomean	FY '12			0.10	3.0	0.34	4.7	0.2	3.2		0.4	12.5	4.0	55	0.09					0.06	
T3-10m	7/26/11	1119	1.6 Flood	0.19	6.0	0.26	3.6	0.14	2.0	1.3	38	0.46	14.1	3.6	51	0.06	34.81	26.1	8.28	6.76	0.07
T3-10m	10/18/11	1035	1.8 Ebb	0.03	0.8	0.11	1.5	0.24	3.3	1.9	53	0.27	8.5	3.3	46	0.10	35.06	26.8	8.24	7.06	0.11
T3-10m	1/25/12	1101	0.3 Ebb	0.13	3.9	0.91	12.7	0.14	1.9	3.4	96	0.42	13.0	5.4	75	0.07	34.98	24.6	8.21	7.28	0.11
T3-10m	4/24/12	1131	-0.1 Low	0.15	4.5	0.61	8.5	0.37	5.2	2.0	55	0.43	13.4	4.6	65	0.11	35.11	24.9	8.22	6.99	0.16
Geomean	FY '12			0.10	3.0	0.35	4.9	0.20	2.8		0.39	12.0	4.1	58	0.08					0.11	
T3-50m	7/26/11	1126	1.6 Flood	0.20	6.3	0.31	4.3	0.44	6.1	2.0	56	0.47	14.7	4.3	61	0.04	34.80	26.1	8.27	6.62	0.07
T3-50m	10/18/11	1042	1.8 Ebb	0.02	0.6	0.10	1.4	0.16	2.2	2.0	56	0.30	9.2	3.6	50	0.04	35.06	26.8	8.24	7.08	0.07
T3-50m	1/25/12	1110	0.3 Ebb	0.09	2.9	0.26	3.7	0.12	1.7	2.3	66	0.38	11.9	3.6	50	0.09	35.01	24.8	8.21	7.04	0.01
T3-50m	4/24/12	1138	-0.1 Low	0.16	4.9	0.64	9.0	0.33	4.6	3.2	89	0.42	13.0	4.0	56	0.10	35.05	25.0	8.22	6.93	0.18
Geomean	FY '12			0.09	2.7	0.27	3.8	0.23	3.2		0.39	12.0	3.9	54	0.06					0.05	
T3-100m	7/26/11	1137	1.6 Flood	0.22	6.7	0.12	1.7	0.04	0.6	0.9	25	0.46	14.2	2.8	40	0.07	34.84	26.0	8.26	6.32	0.07
T3-100m	10/18/11	1047	1.8 Ebb	0.02	0.7	0.06	0.9	0.14	1.9	1.6	45	0.32	9.8	3.9	55	0.08	35.05	26.8	8.23	6.94	0.07
T3-100m	1/25/12	1117	0.3 Ebb	0.07	2.2	0.04	0.5	0.07	1.0	1.4	41	0.40	12.3	4.4	61	0.09	35.04	24.7	8.21	6.76	0.02
T3-100m	4/24/12	1150	-0.1 Low	0.10	3.1	0.02	0.3	0.26	3.6	0.6	16	0.38	11.9	2.9	41	0.09	35.10	25.0	8.22	6.71	0.2
Geomean	FY '12			0.08	2.4	0.05	0.7	0.10	1.4		0.39	11.9	3.5	48	0.08					0.07	
T3-500m	7/26/11	1146	1.6 Flood	0.18	5.5	0.01	0.1	0.02	0.3	0.1	3	0.47	14.6	4.43	62	0.09	34.87	26.3	8.26	6.40	0.04
T3-500m	10/18/11	1055	1.8 Ebb	0.01	0.3	0.04	0.5	0.10	1.4	1.6	46	0.36	11.3	4.80	67	0.07	35.05	26.8	8.23	6.78	0.11
T3-500m	1/25/12	1139	0.3 Ebb	0.05	1.6	0.01	0.2	0.02	0.3	1.4	40	0.33	10.3	3.83	54	0.08	35.09	25.1	8.22	6.81	0.07
T3-500m	4/24/12	1202	-0.1 Low	0.12	3.7	0.04	0.6	0.23	3.2	0.4	12	0.43	13.3	3.35	47	0.05	35.07	25.0	8.22	6.71	0.07
Geomean	FY '12			0.06	1.8	0.02	0.3	0.06	0.8		0.40	12.3	4.1	57	0.07					0.07	

NELHA Water Quality Laboratory

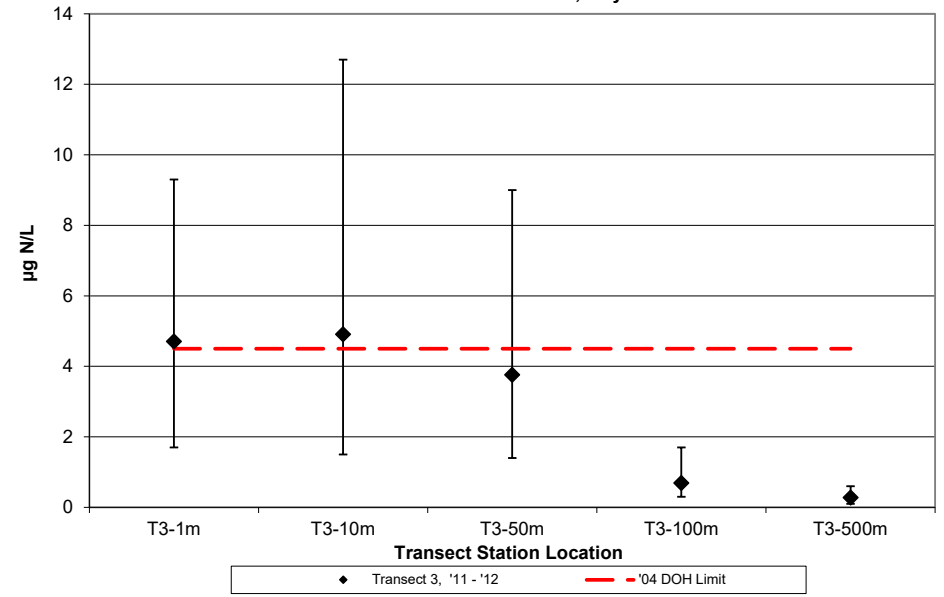
Transect 3

July 2011 - June 2012

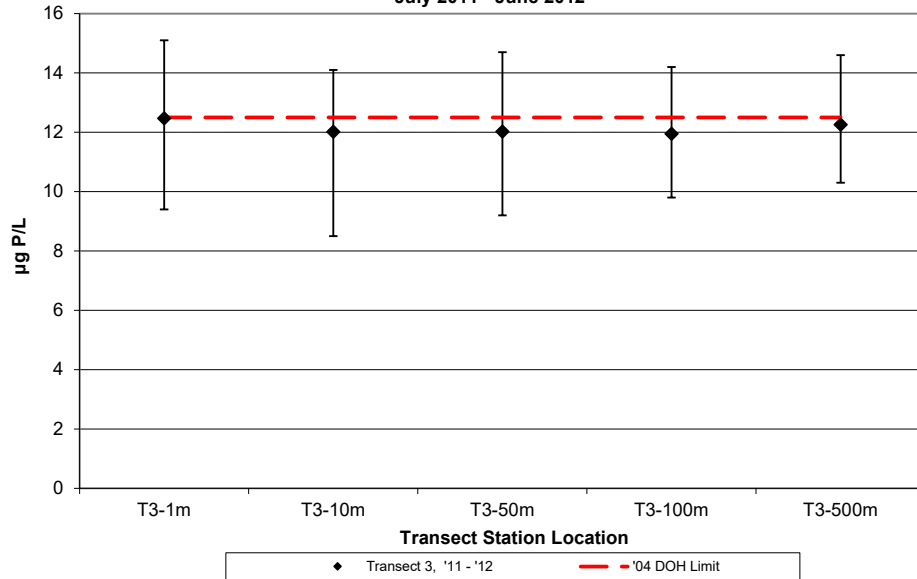
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean, July 2011 - June 2012



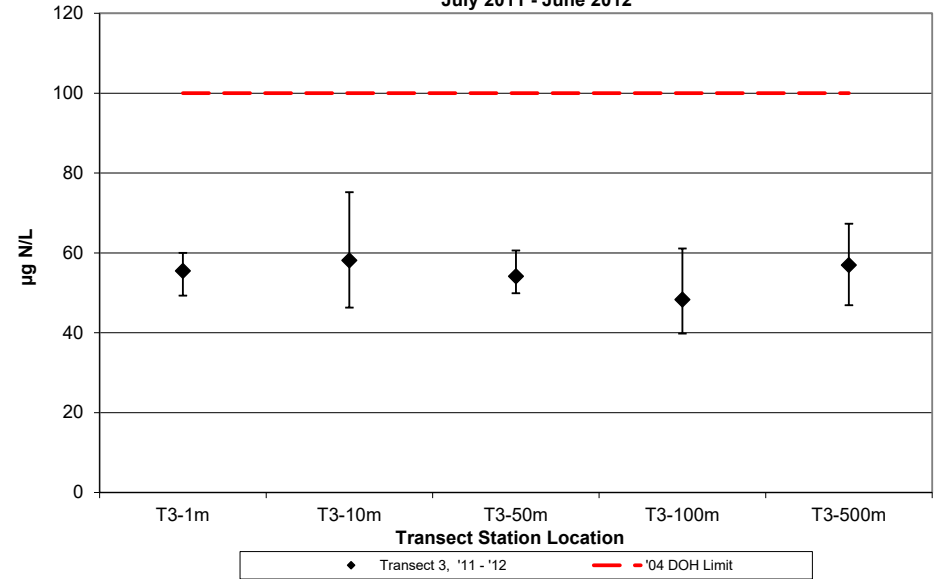
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean, July 2011 - June 2012



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2011 - June 2012



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2011 - June 2012

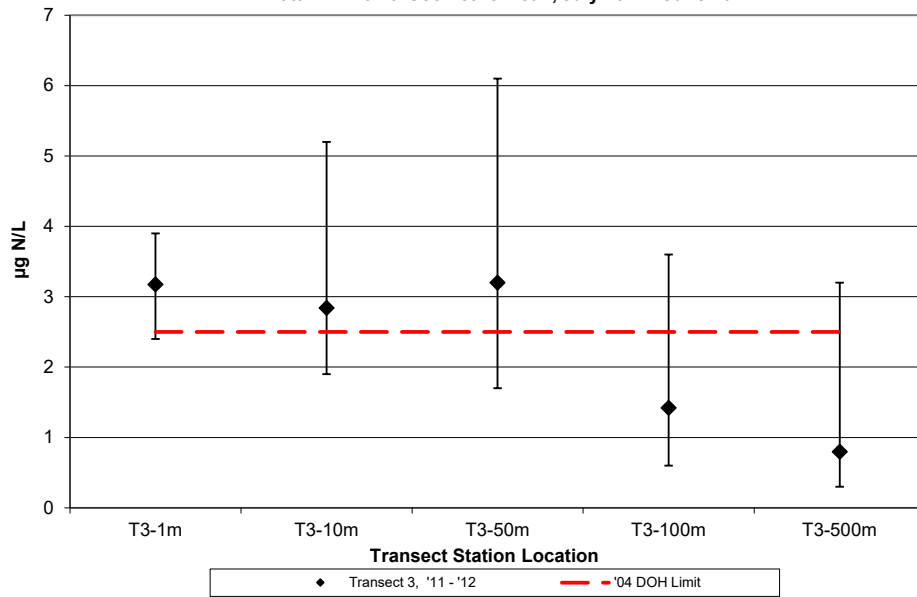


NELHA Water Quality Laboratory

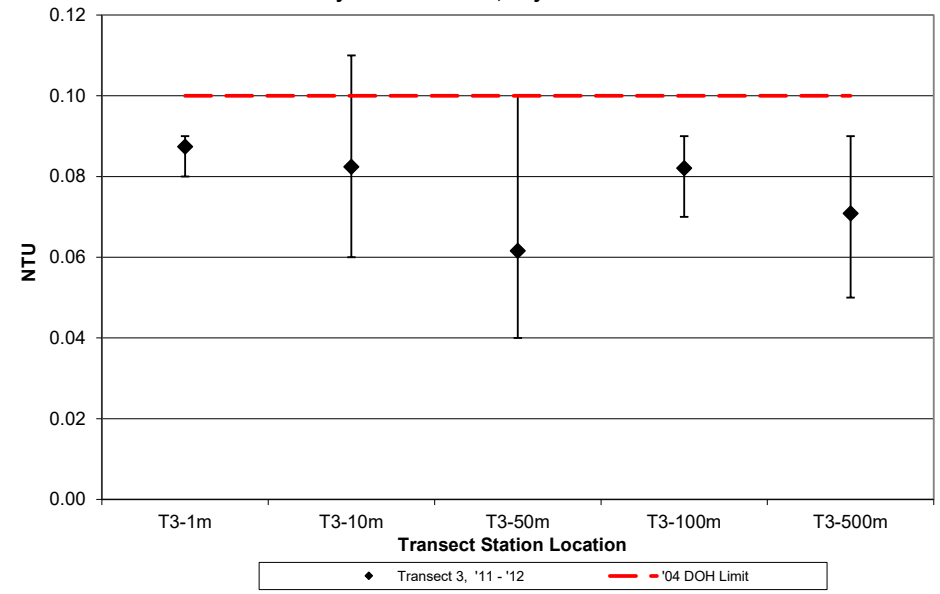
Transect 3

July 2011 - June 2012

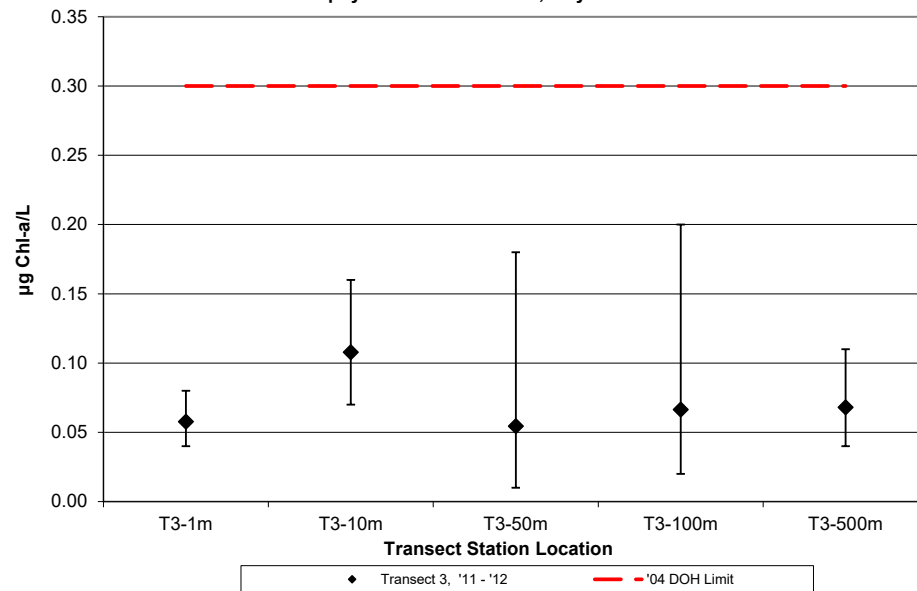
Transect 3 Station Summary
Total Ammonia Geometric Mean, July 2011 - June 2012



Transect 3 Station Summary
Turbidity Geometric Mean, July 2011 - June 2012



Transect 3 Station Summary
Chlorophyll-a Geometric Mean, July 2011 - June 2012



NELHA Water Quality Laboratory

Transect 3

July 2011 - June 2012

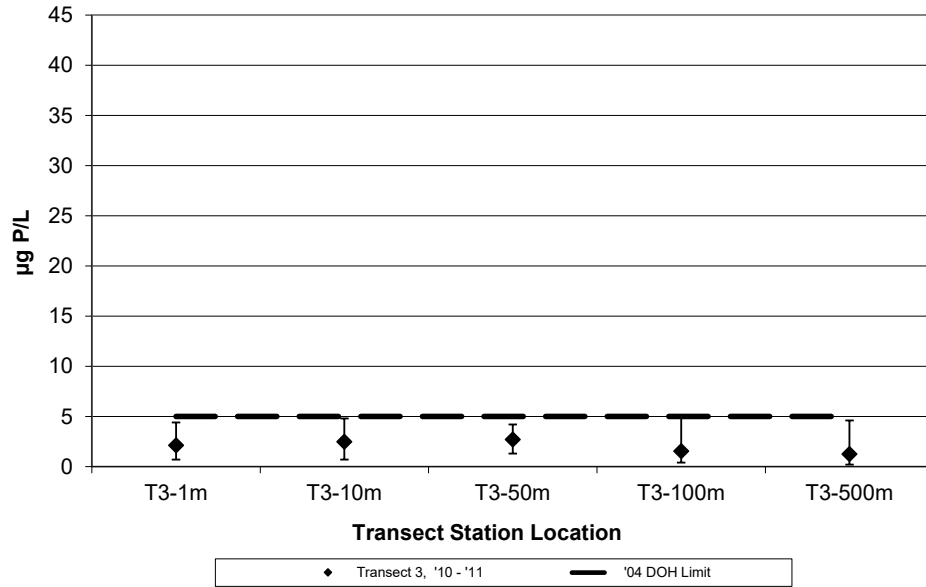
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30		
T3-1m	8/10/10	1046	-0.2 Low	0.06	1.9	0.73	10.2	0.12	1.7	2.2	62	0.31	9.7	4.5	63	0.09	34.87	26.3	8.24	6.97	0.09
T3-1m	11/8/10	1027	1.0 Ebb	0.02	0.7	0.39	5.5	0.29	4.0	3.1	88	0.39	12.1	6.0	84	0.13	35.30	26.6	8.25	6.52	0.06
T3-1m	1/11/11	1040	1.0 Ebb	0.14	4.4	0.29	4.0	0.44	6.1	3.1	88	0.42	13.1	4.8	68	0.04	34.98	25.0	8.23	6.58	0.15
T3-1m	4/26/11	1044	0.7 Flood	0.11	3.4	0.37	5.2	0.29	4.0	5.6	158	0.46	14.4	3.4	48	0.08	34.97	25.0	8.21	6.63	0.1
Geomean	'10-'11			0.07	2.1	0.42	5.8	0.3	3.6			0.4	12.2	4.6	64	0.08					0.09
T3-10m	8/10/10	1050	-0.2 Low	0.08	2.6	1.10	15.4	0.12	1.7	3.7	104	0.67	20.6	2.2	31	0.09	34.83	26.3	8.24	6.70	0.08
T3-10m	11/8/10	1030	1.0 Ebb	0.02	0.7	0.42	5.9	0.37	5.2	9.8	275	0.37	11.5	5.0	71	0.09	35.31	26.6	8.26	6.49	0.08
T3-10m	1/11/11	1044	1.0 Ebb	0.14	4.3	0.35	4.9	0.12	1.7	25.7	722	0.43	13.4	4.3	61	0.08	34.97	25.0	8.23	6.65	0.11
T3-10m	4/26/11	1048	0.7 Flood	0.15	4.8	0.35	4.9	0.24	3.4	2.4	67	0.40	12.5	3.2	46	0.08	34.97	25.0	8.21	6.61	0.15
Geomean	'10-'11			0.08	2.5	0.49	6.8	0.19	2.7			0.46	14.1	3.5	49	0.08					0.10
T3-50m	8/10/10	1055	-0.2 Low	0.07	2.3	0.99	13.8	0.12	1.7	4.4	125	0.26	8.2	4.1	57	0.07	34.81	26.3	8.24	6.50	0.09
T3-50m	11/8/10	1034	1.0 Ebb	0.04	1.3	0.31	4.4	0.33	4.6	9.6	269	0.39	12.1	4.7	66	0.10	35.35	26.7	8.27	6.24	0.04
T3-50m	1/11/11	1050	1.0 Ebb	0.14	4.2	0.20	2.8	0.19	2.6	3.4	96	0.44	13.6	4.7	66	0.04	34.98	25.0	8.22	6.52	0.15
T3-50m	4/26/11	1053	0.7 Flood	0.14	4.2	0.31	4.4	0.22	3.1	8.0	226	0.45	14.0	3.9	55	0.07	34.98	25.0	8.21	6.53	0.08
Geomean	'10-'11			0.09	2.7	0.37	5.2	0.20	2.8			0.38	11.7	4.3	61	0.07					0.08
T3-100m	8/10/10	1100	-0.2 Low	0.01	0.4	0.07	1.0	0.05	0.7	2.4	66	0.27	8.3	2.6	37	0.09	34.92	26.2	8.24	6.59	0.09
T3-100m	11/8/10	1039	0.9 Ebb	0.02	0.7	0.04	0.6	0.09	1.3	2.8	80	0.46	14.4	4.7	66	0.10	35.38	26.7	8.26	6.30	0.02
T3-100m	1/11/11	1056	0.9 Ebb	0.13	4.0	0.26	3.6	0.02	0.3	7.8	220	0.43	13.4	4.1	57	0.04	34.96	25.0	8.22	6.42	0.07
T3-100m	4/26/11	1059	0.7 Flood	0.16	5.1	0.24	3.4	0.26	3.7	2.5	71	0.49	15.1	3.6	50	0.08	34.49	25.0	8.21	6.50	0.16
Geomean	'10-'11			0.05	1.5	0.12	1.6	0.07	1.0			0.40	12.5	3.7	51	0.07					0.07
T3-500m	8/10/10	1106	-0.1 Low	0.01	0.2	0.01	0.2	0.05	0.7	1.9	52	0.29	9.0	2.87	40	0.04	34.91	26.4	8.25	6.58	0.13
T3-500m	11/8/10	1049	0.9 Ebb	0.02	0.7	0.04	0.6	0.02	0.3	5.3	148	0.36	11.2	4.30	60	0.07	35.39	26.7	8.27	6.24	0.07
T3-500m	1/11/11	1105	0.9 Ebb	0.12	3.7	0.01	0.2	0.03	0.4	2.1	59	0.43	13.2	3.91	55	0.04	35.01	25.1	8.22	6.32	0.11
T3-500m	4/26/11	1116	0.8 Flood	0.15	4.6	0.03	0.4	0.04	0.5	1.3	36	0.46	14.3	4.42	62	0.09	34.92	24.9	8.21	6.41	0.12
Geomean	'10-'11			0.04	1.2	0.02	0.3	0.03	0.5			0.38	11.7	3.8	54	0.06					0.10

NELHA Water Quality Laboratory

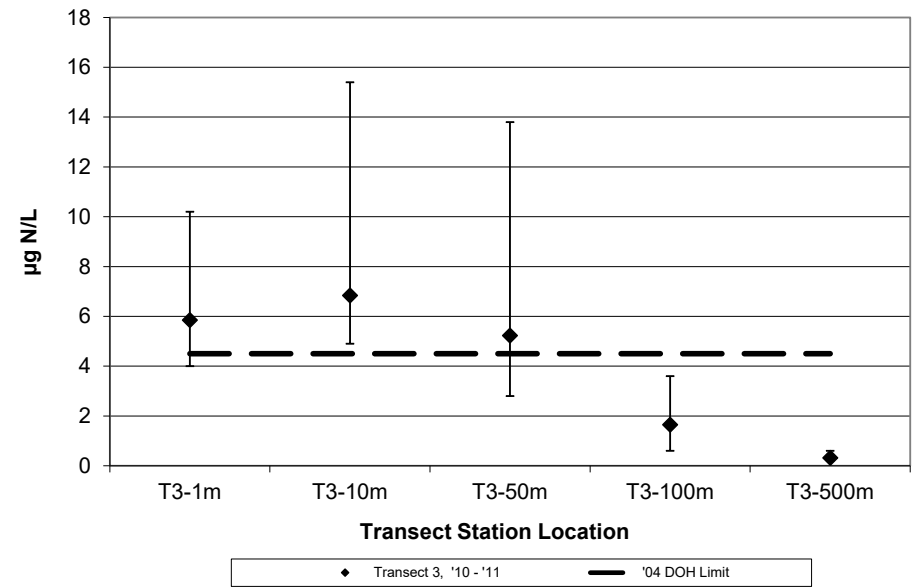
Transect 3

July 2011 - June 2012

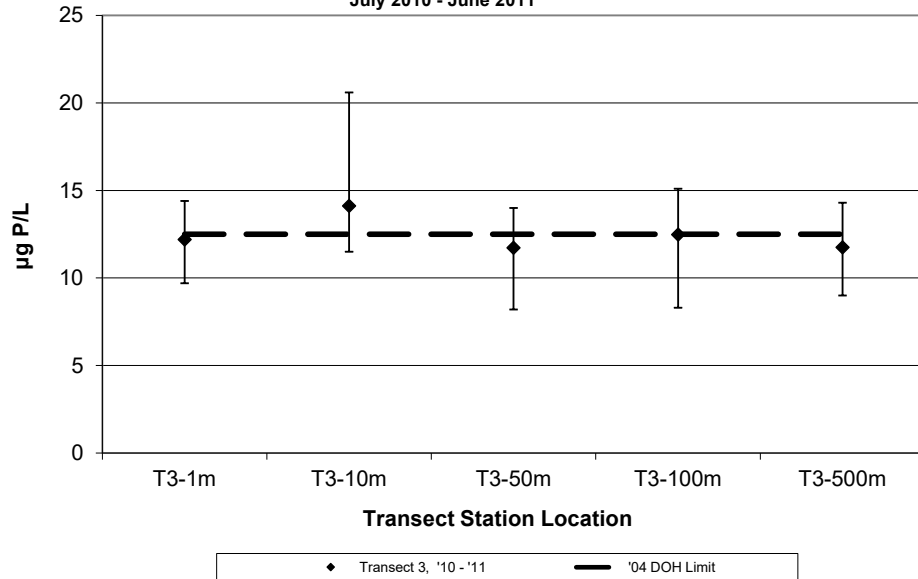
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean, July 2010 - June 2011



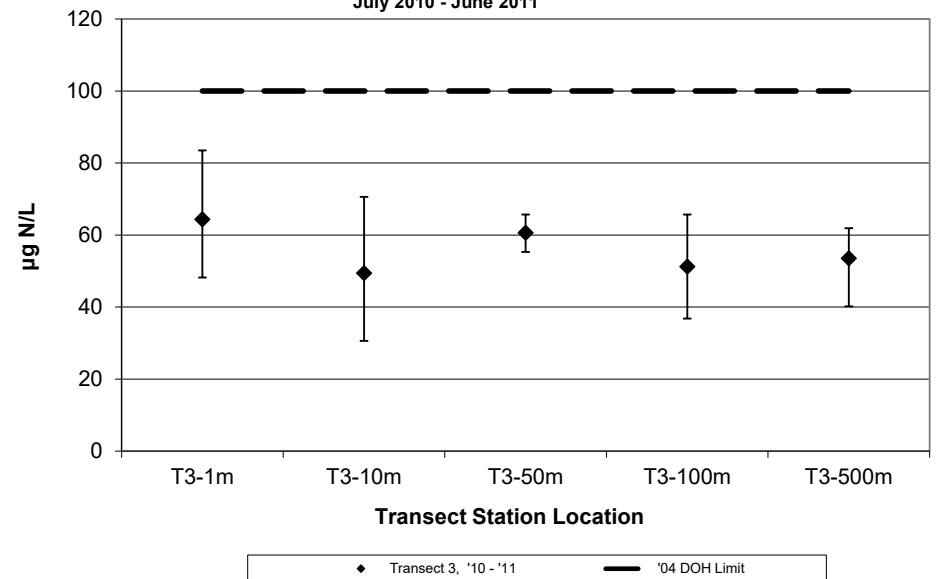
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean, July 2010 - June 2011



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2010 - June 2011



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2010 - June 2011

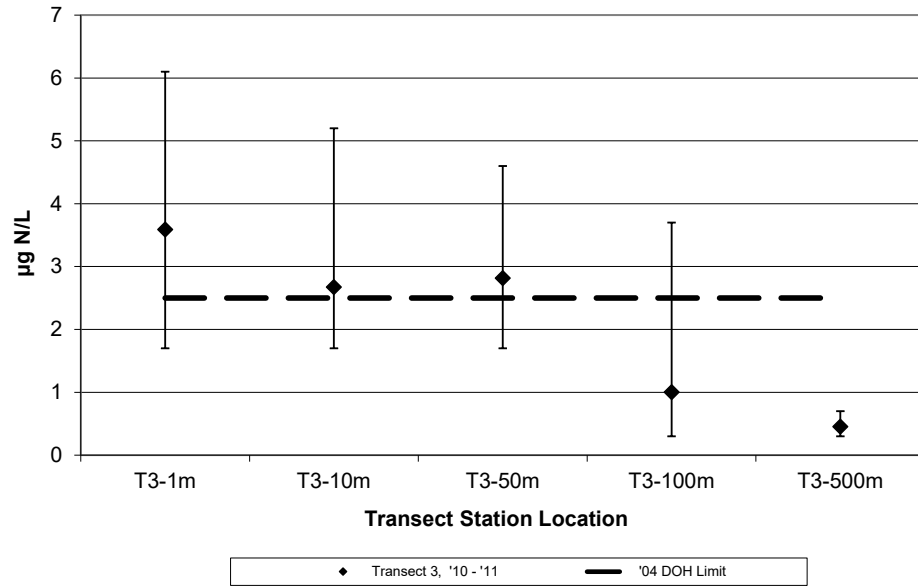


NELHA Water Quality Laboratory

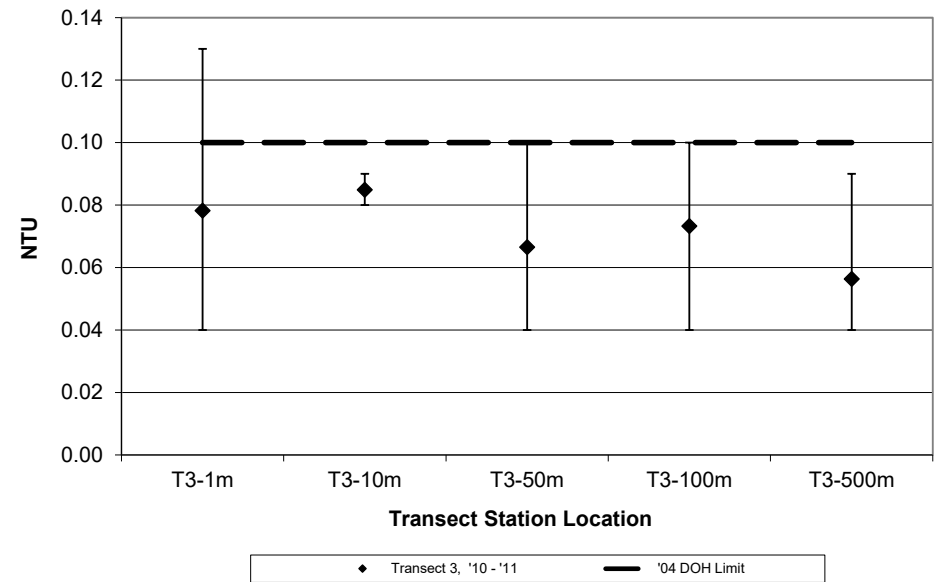
Transect 3

July 2011 - June 2012

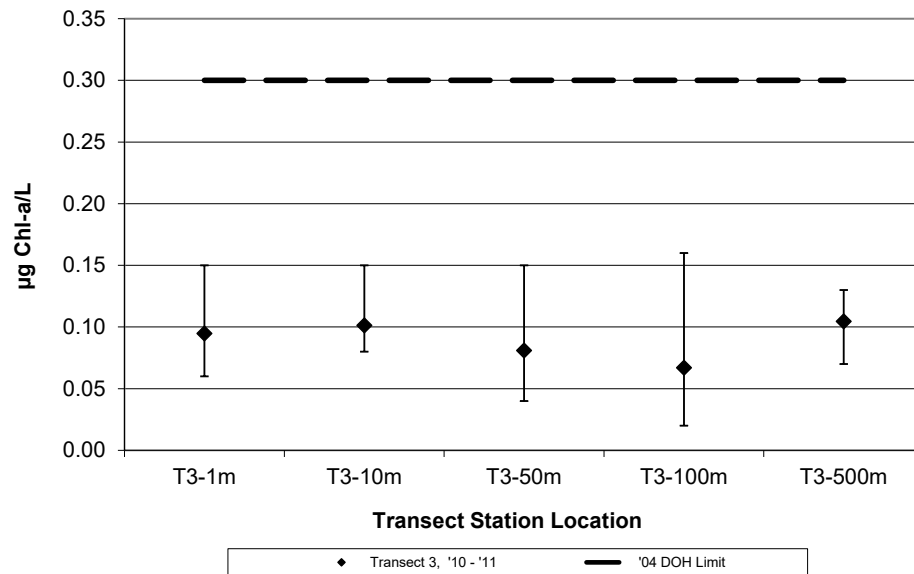
Transect 3 Station Summary
Ammonia Geometric Mean, July 2010 - June 2011



Transect 3 Station Summary
Turbidity Geometric Mean, July 2010 - June 2011



Transect 3 Station Summary
Chlorophyll-a Geometric Mean, July 2010 - June 2011



NELHA Water Quality Laboratory

Transect 3

July 2009 - June 2010

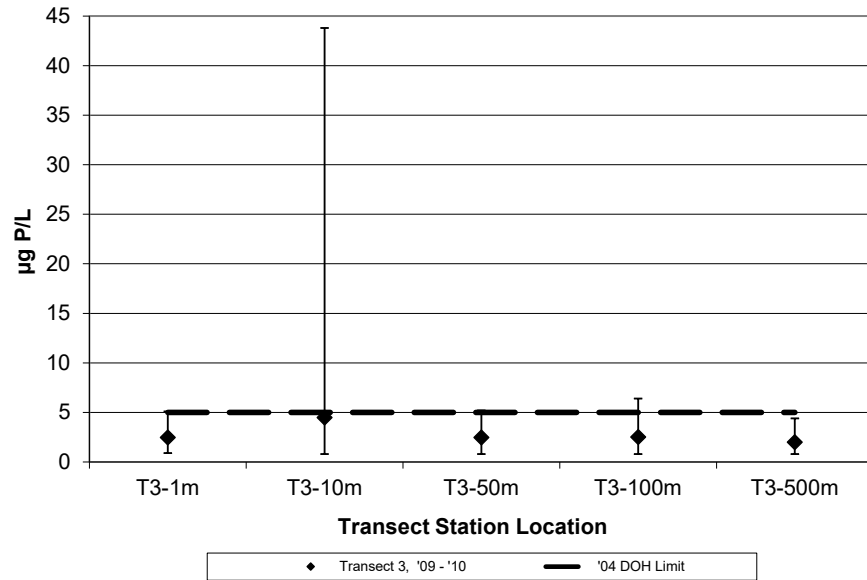
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)		NO3+NO2 (µM) (µg N/L)		NH3 (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T3-1m	9/9/09	1031	1.5 Ebb	0.15	4.7	0.46	6.5	0.12	1.7	6.5	183	0.63	19.5	5.1	72	0.07	35.22	27.1	8.22	5.80	0.27
T3-1m	11/23/09	1040	1.6 Ebb	0.03	0.9	0.51	7.2	0.09	1.3	46.6	1309	0.37	11.6	5.3	75	0.07	35.23	25.1	8.28	6.60	0.11
T3-1m	2/23/10	1043	0.4 Flood	0.16	5.1	0.35	4.9	0.41	5.8	17.5	491	0.33	10.3	6.4	90	0.10	35.02	24.6	8.20	6.36	0.35
T3-1m	5/25/10	952	0.3 Flood	0.05	1.7	0.46	6.4	0.29	4.1	6.1	172	0.33	10.3	5.6	78	0.06	34.94	25.0	8.21	6.98	0.05
Geomean 09/10				0.08	2.5	0.44	6.2	0.2	2.7			0.4	12.4	5.6	78	0.07					0.15
T3-10m	9/9/09	1039	1.6 Ebb	1.41	43.8	0.59	8.2	1.09	15.3	5.5	154	0.54	16.7	5.2	73	0.08	35.25	27.1	8.22	5.55	0.17
T3-10m	11/23/09	1045	1.6 Ebb	0.03	0.8	0.58	8.1	0.29	4.1	9.1	255	0.41	12.8	5.3	75	0.07	35.23	25.1	8.30	6.56	0.13
T3-10m	2/23/10	1047	0.4 Flood	0.19	5.8	0.39	5.5	0.49	6.8	17.4	489	0.39	12.0	6.4	89	0.08	35.08	24.6	8.18	6.31	0.2
T3-10m	5/25/10	957	0.3 Flood	0.06	2.0	0.45	6.3	0.18	2.5	11.1	311	0.30	9.4	4.5	63	0.08	34.95	25.0	8.21	7.00	0.1
Geomean 09/10				0.14	4.5	0.49	6.9	0.41	5.7			0.40	12.5	5.3	74	0.08					0.14
T3-50m	9/9/09	1046	1.6 Ebb	0.16	4.9	0.08	1.1	0.35	4.9	4.6	129	0.53	16.3	5.1	71	0.02	35.24	27.5	8.22	5.46	0.10
T3-50m	11/23/09	1050	1.6 Ebb	0.03	0.8	0.26	3.6	0.11	1.5	11.7	328	0.44	13.5	4.2	59	0.06	35.24	25.3	8.30	6.32	0.08
T3-50m	2/23/10	1056	0.4 Flood	0.17	5.2	0.20	2.8	0.44	6.1	14.4	404	0.40	12.5	6.3	88	0.16	35.10	24.7	8.17	6.10	0.37
T3-50m	5/25/10	1002	0.3 Flood	0.06	1.8	0.41	5.8	0.11	1.5	2.8	79	0.29	9.1	4.3	60	0.05	34.97	25.0	8.21	6.96	0.09
Geomean 09/10				0.08	2.5	0.20	2.8	0.20	2.9			0.41	12.6	4.9	69	0.06					0.13
T3-100m	9/9/09	1056	1.7 Ebb	0.21	6.4	0.04	0.5	0.16	2.2	7.4	209	0.56	17.5	5.5	77	0.06	35.20	27.6	8.21	5.48	0.11
T3-100m	11/23/09	1100	1.6 Ebb	0.03	0.8	0.07	1.0	0.14	1.9	28.6	803	0.41	12.6	4.9	69	0.04	35.25	25.4	8.28	6.23	0.17
T3-100m	2/23/10	1100	0.4 Flood	0.15	4.6	0.04	0.5	0.34	4.8	9.9	277	0.40	12.5	6.2	87	0.15	35.09	24.9	8.17	6.14	0.44
T3-100m	5/25/10	1007	0.4 Flood	0.05	1.7	0.20	2.8	0.05	0.7	2.0	56	0.29	8.9	4.9	69	0.13	35.00	25.0	8.22	6.94	0.08
Geomean 09/10				0.08	2.5	0.07	0.9	0.14	1.9			0.40	12.5	5.4	75	0.08					0.16
T3-500m	9/9/09	1100	1.7 Ebb	0.14	4.4	0.03	0.4	0.07	1.0	5.9	165	0.56	17.4	5.86	82	0.11	35.24	27.7	8.20	5.33	0.19
T3-500m	11/23/09	1109	1.5 Ebb	0.03	0.8	0.09	1.2	0.01	0.1	22.5	632	0.44	13.5	4.75	67	0.06	35.24	25.4	8.28	6.26	0.09
T3-500m	2/23/10	1109	0.4 Flood	0.14	4.4	0.01	0.1	0.39	5.5	9.7	271	0.39	12.2	6.40	90	0.08	35.08	24.9	8.18	5.94	0.36
T3-500m	5/25/10	1012	0.4 Flood	0.03	1.0	0.01	0.1	0.14	2.0	1.4	40	0.26	8.1	4.80	67	0.08	35.04	25.2	8.22	6.85	0.05
Geomean 09/10				0.06	2.0	0.02	0.3	0.07	1.0			0.40	12.3	5.4	76	0.08					0.13

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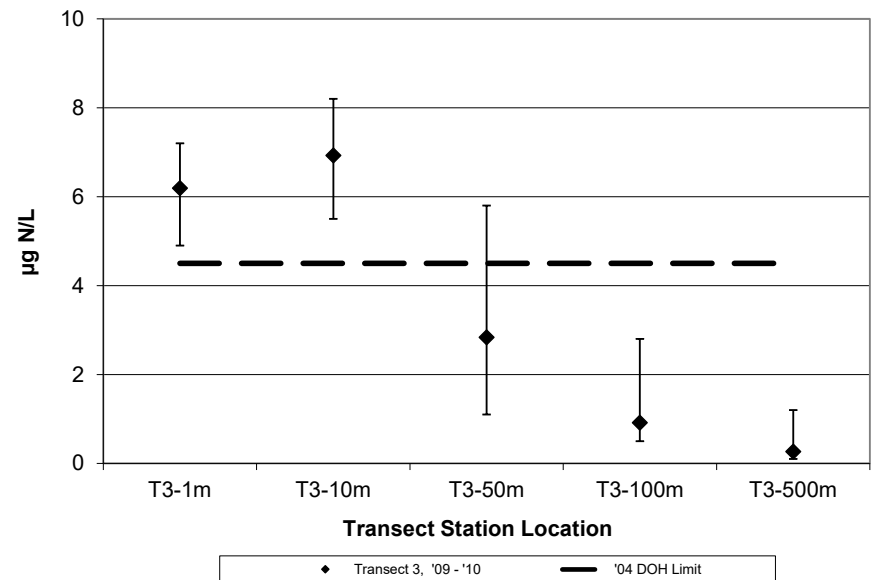
Transect 3

July 2009 - June 2010

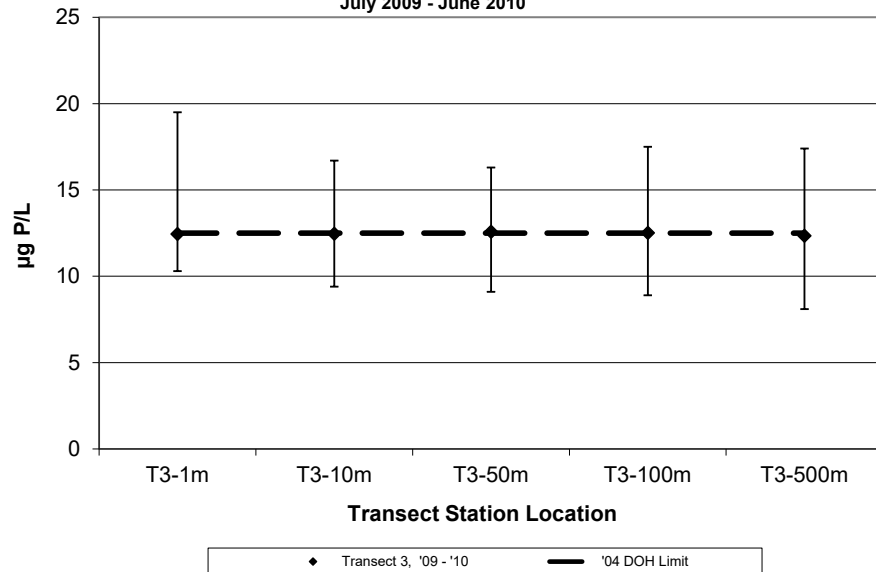
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean, July 2009 - June 2010



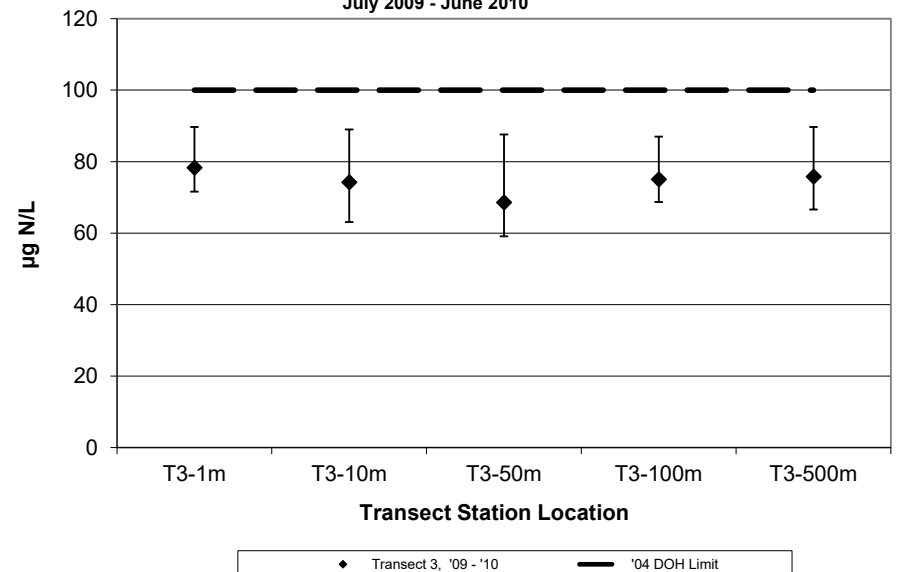
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean, July 2009 - June 2010



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2009 - June 2010



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2009 - June 2010

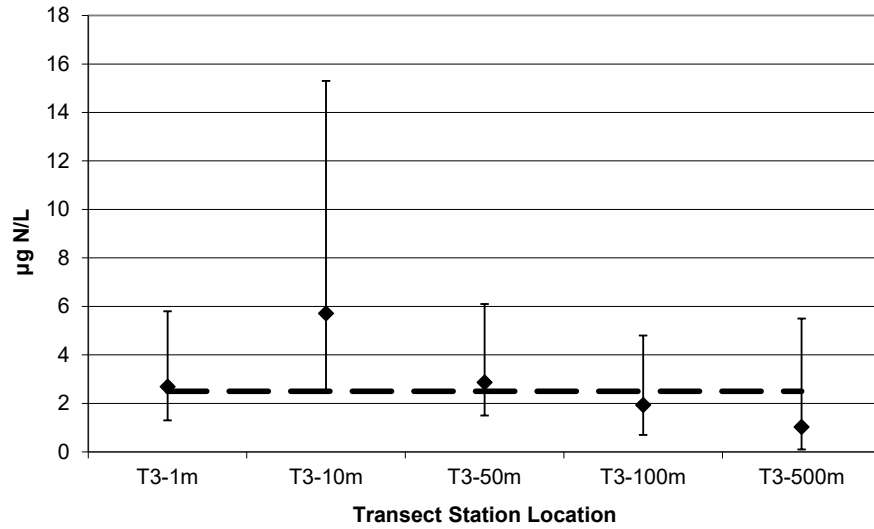


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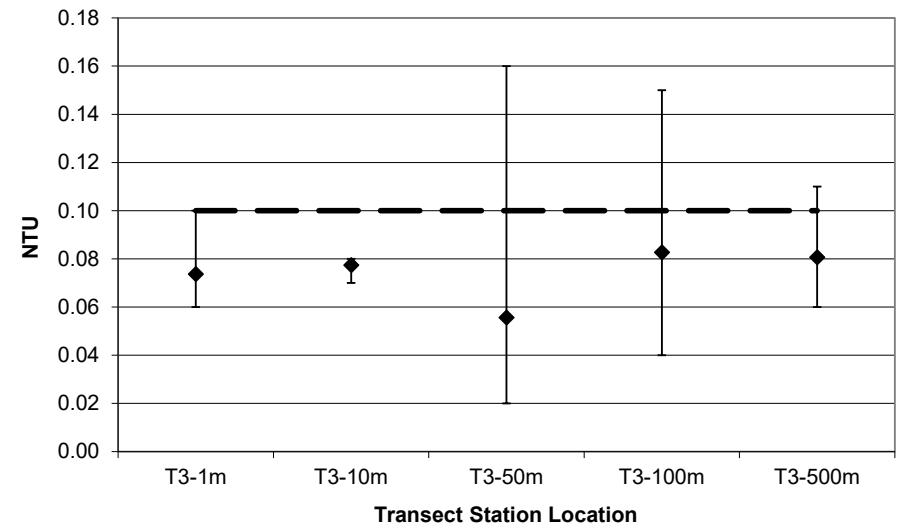
Transect 3

July 2009 - June 2010

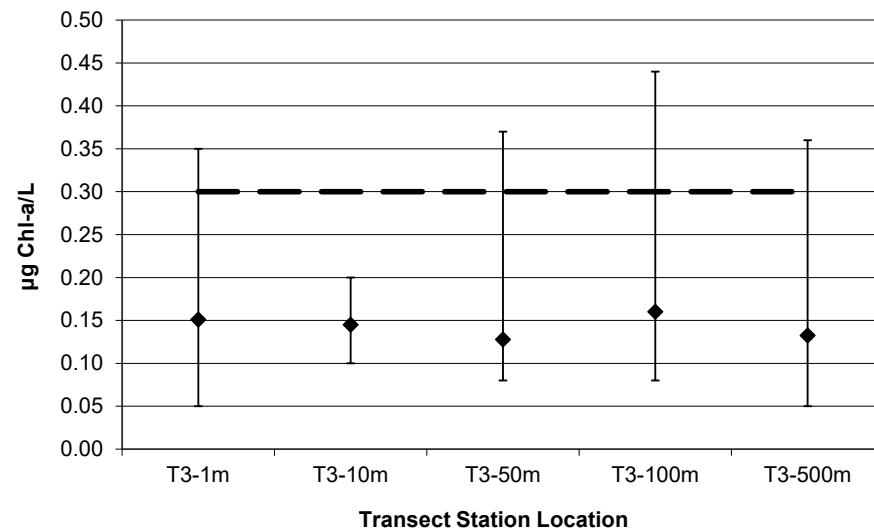
Transect 3 Station Summary
Ammonia Geometric Mean, July 2009 - June 2010



Transect 3 Station Summary
Turbidity Geometric Mean, July 2009 - June 2010



Transect 3 Station Summary
Chlorophyll-a Geometric Mean, July 2009 - June 2010



NELHA Water Quality Laboratory

Transect 3

July 2008 - June 2009

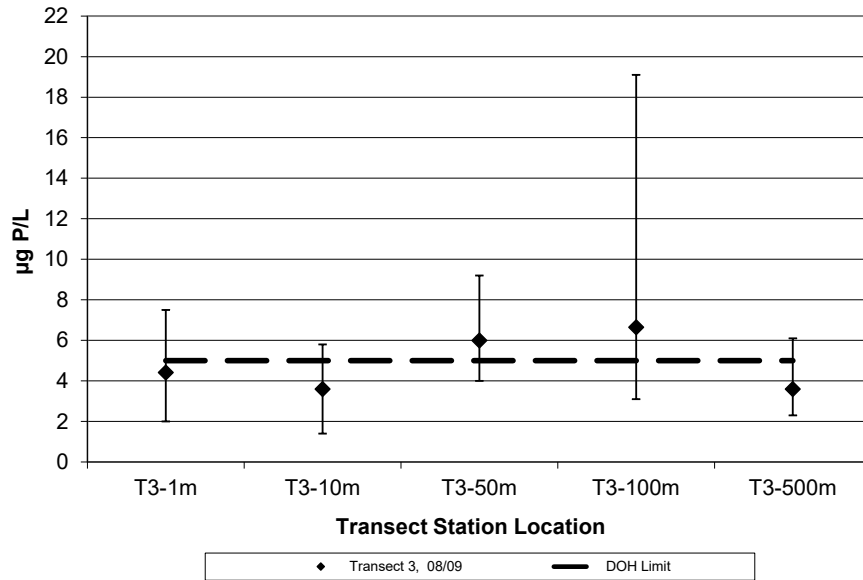
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)	NO3+NO2 (µM) (µg N/L)	NH3 (µM) (µg N/L)	Si (µM) (µg Si/L)	TDP (µM) (µg P/L)	TDN (µM) (µg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16 5	0.32 4.5	0.18 2.5		0.40 12.5	7.1 100	0.10					0.30
T3-1m	09/22/08	1143	2.2 High	0.06 2.0	0.24 3.3	0.31 4.3	1.9 54	0.26 8.1	4.8 67	0.06	34.853	26.9	8.06	6.62	0.04
T3-1m	11/17/08	1026	1.4 Ebb	0.14 4.2	0.21 3.0	0.14 1.9	2.5 71	0.29 8.9	4.1 58	0.12	34.955	26.0	8.26	6.25	0.04
T3-1m	2/9/09	1031	-0.1 Low	0.19 6.0	0.99 13.8	0.12 1.7	3.2 91	0.39 12.0	11.2 157	0.08	35.600	25.0	8.06	6.50	0.06
T3-1m	4/13/09	1012	0.2 Ebb	0.24 7.5	0.96 13.4	0.31 4.4	3.8 106	0.57 17.6	5.6 78	0.10	34.955	23.9	8.19	6.20	0.07
Geomean 08/09				0.14 4.4	0.47 6.5	0.2 2.8		0.4 11.1	5.9 83	0.09					0.05
T3-10m	09/22/08	1149	2.2 High	0.05 1.4	0.17 2.4	0.15 2.1	1.8 51	0.32 10	5.0 70	0.12	34.829	26.7	8.05	6.58	0.06
T3-10m	11/17/08	1029	1.4 Ebb	0.19 5.8	0.20 2.8	0.14 1.9	2.9 82	0.36 11.3	4.7 66	0.08	34.960	25.9	8.27	6.20	0.01
T3-10m	2/9/09	1037	-0.1 Low	0.14 4.2	1.01 14.2	0.12 1.7	4.5 126	0.33 10.2	10.6 149	0.08	35.059	25.0	8.06	6.39	0.04
T3-10m	4/13/09	1017	0.2 Ebb	0.16 4.9	1.04 14.5	1.72 24.1	3.9 109	0.50 15.4	10.4 146	0.10	34.936	23.8	8.19	6.36	0.11
Geomean 08/09				0.12 3.6	0.44 6.1	0.26 3.6		0.37 11.5	7.1 100	0.09					0.04
T3-50m	09/22/08	1154	2.2 High	0.30 9.2	0.11 1.6	0.16 2.2	2.3 64	0.76 23.6	4.0 57	0.16	34.830	26.6	8.04	6.34	0.09
T3-50m	11/17/08	1035	1.4 Ebb	0.16 5.0	0.16 2.2	0.14 1.9	2.4 66	0.37 11.5	6.1 86	0.09	34.968	26.2	8.26	5.75	0.02
T3-50m	2/9/09	1043	-0.1 Low	0.13 4.0	0.83 11.6	0.12 1.7	3.1 86	0.25 7.8	5.4 76	0.14	35.066	24.9	8.05	6.23	0.07
T3-50m	4/13/09	1021	0.2 Ebb	0.23 7.0	0.29 4.0	0.25 3.5	2.9 83	0.50 15.4	6.0 84	0.10	34.940	23.9	8.20	6.80	0.07
Geomean 08/09				0.19 6.0	0.26 3.6	0.16 2.2		0.43 13.4	5.3 75	0.12					0.05
T3-100m	09/22/08	1159	2.2 High	0.62 19.1	0.06 0.8	0.10 1.4	1.9 55	1.54 47.7	4.9 68	0.11	34.805	26.7	8.03	6.52	0.07
T3-100m	11/17/08	1040	1.3 Ebb	0.16 4.9	0.06 0.8	0.14 1.9	2.1 59	0.39 12.1	5.8 81	0.08	34.974	26.2	8.27	6.10	0.05
T3-100m	2/9/09	1048	-0.1 Low	0.10 3.1	0.54 7.6	0.12 1.7	2.2 62	0.23 7.0	5.2 73	0.08	35.094	25.1	8.05	6.27	0.02
T3-100m	4/13/09	1026	0.2 Ebb	0.22 6.7	0.10 1.4	0.26 3.7	2.9 82	0.47 14.6	4.6 65	0.10	34.946	24.0	8.19	6.56	0.02
Geomean 08/09				0.21 6.6	0.12 1.6	0.14 2.0		0.50 15.6	5.1 71	0.09					0.03
T3-500m	09/22/08	1207	2.2 High	0.09 2.7	0.03 0.4	0.04 0.6	1.5 41	0.37 11.5	4.82 68	0.07	34.865	27.0	8.04	6.29	0.06
T3-500m	11/17/08	1048	1.3 Ebb	0.14 4.4	0.00 0.0	0.14 1.9	1.6 46	0.37 11.5	5.48 77	0.26	34.966	26.4	8.26	6.03	0.03
T3-500m	2/9/09	1059	-0.1 Low	0.07 2.3	0.10 1.4	0.12 1.7	2.2 62	0.26 8.0	5.84 82	0.08	35.106	25.0	8.06	5.97	0.01
T3-500m	4/13/09	1034	0.2 Ebb	0.20 6.1	0.11 1.6	0.56 7.9	3.2 89	0.49 15.1	5.48 77	0.10	34.971	24.0	8.20	6.51	0.04
Geomean 08/09				0.12 3.6	0.02 0.3	0.14 2.0		0.36 11.2	5.4 76	0.11					0.03

NELHA Water Quality Laboratory

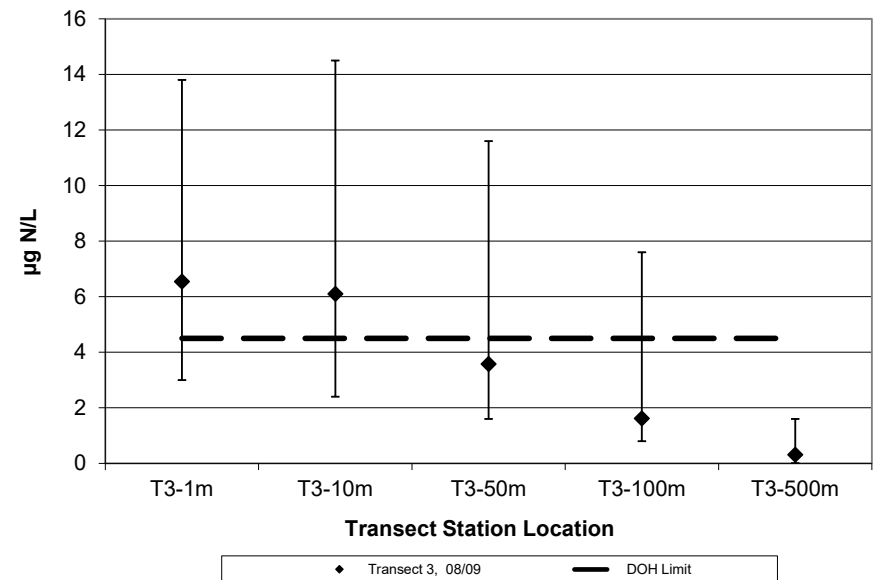
Transect 3

July 2008 - June 2009

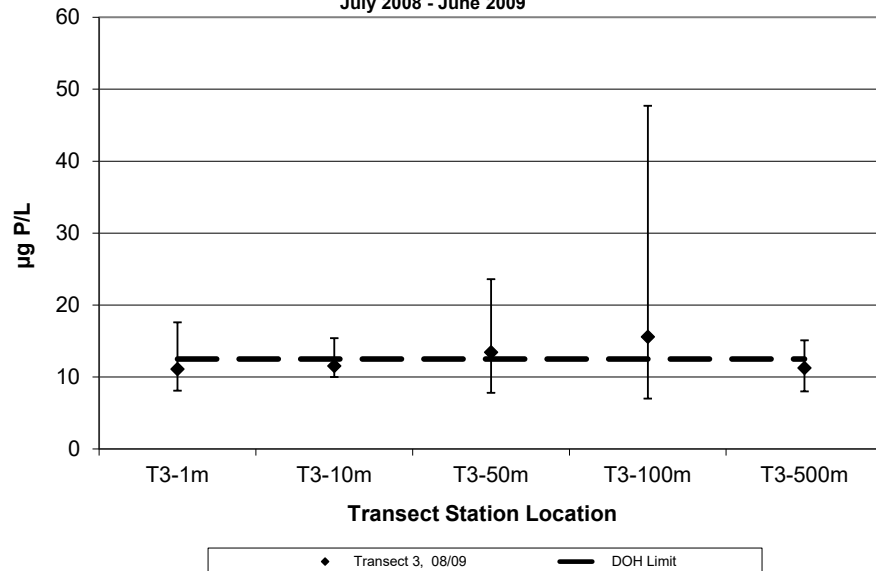
Transect 3 Station Summary
Ortho-Phosphate Geometric Mean, July 2008 - June 2009



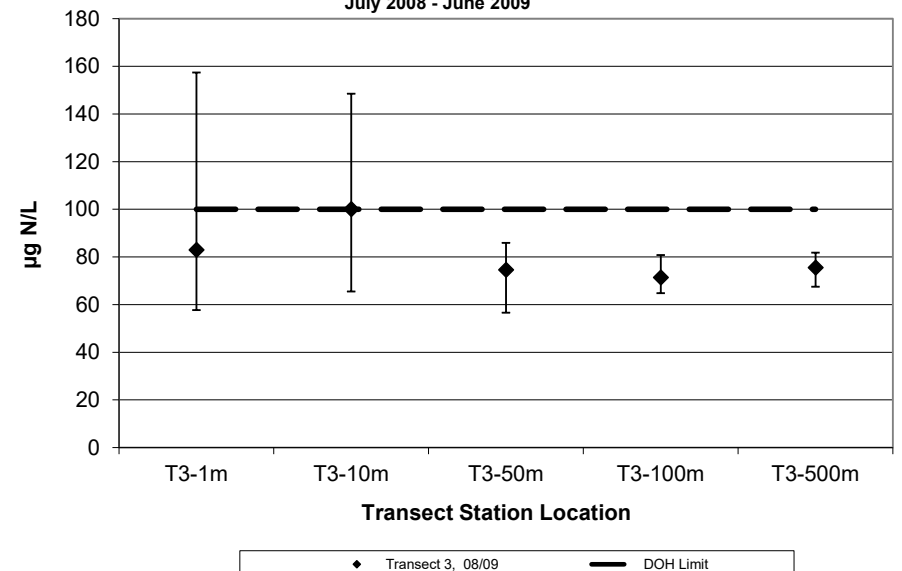
Transect 3 Station Summary
Nitrate + Nitrite Geometric Mean, July 2008 - June 2009



Transect 3 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2008 - June 2009



Transect 3 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2008 - June 2009

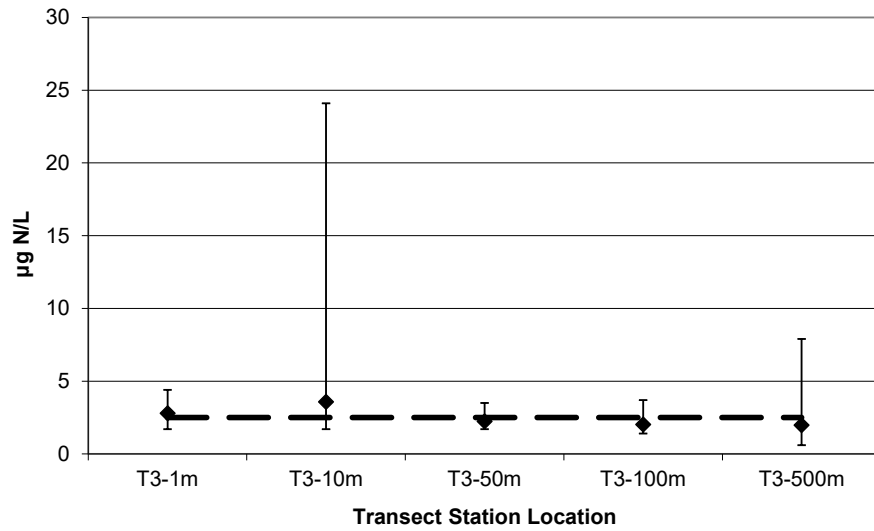


NELHA Water Quality Laboratory

Transect 3

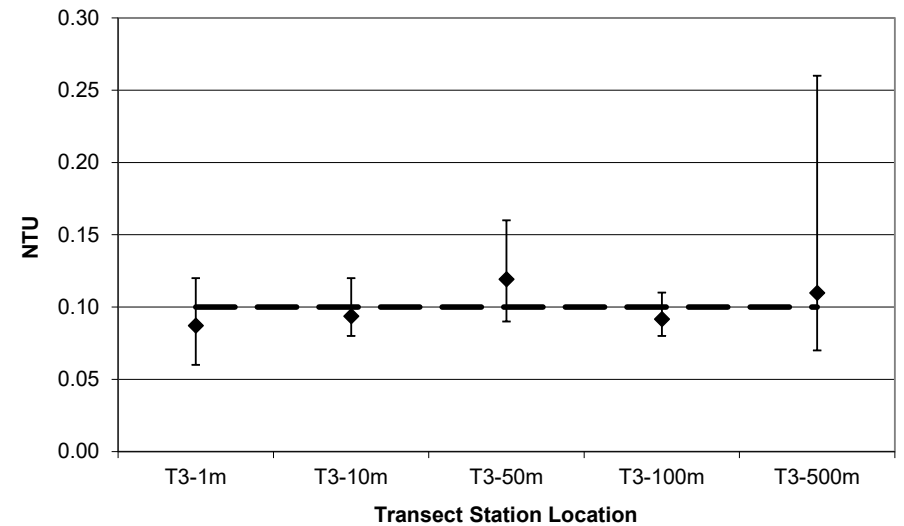
July 2008 - June 2009

Transect 3 Station Summary
Ammonia Geometric Mean, July 2008 - June 2009



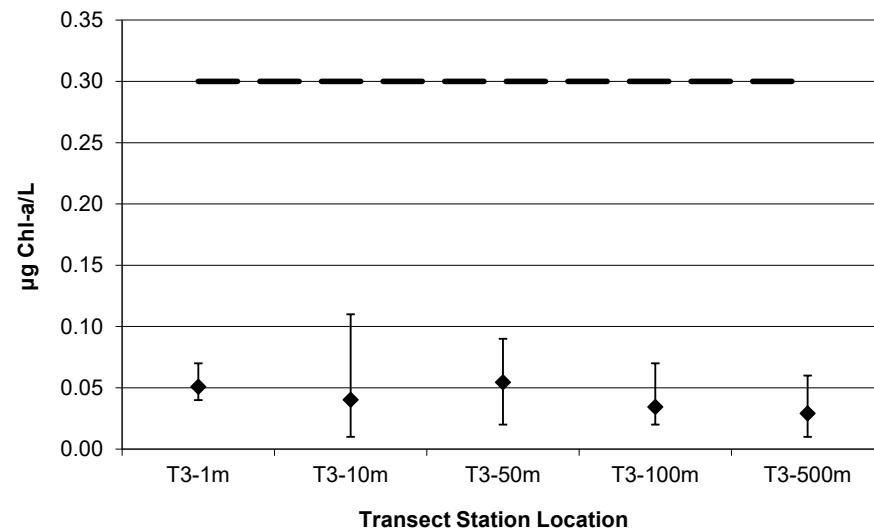
◆ Transect 3, 08/09 — DOH Limit

Transect 3 Station Summary
Turbidity Geometric Mean, July 2008 - June 2009



◆ Transect 3, 08/09 — DOH Limit

Transect 3 Station Summary
Chlorophyll-a Geometric Mean, July 2008 - June 2009

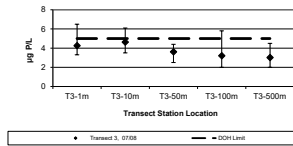


◆ Transect 3, 08/09 — DOH Limit

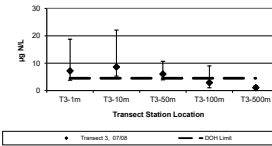
NELHA Water Quality Laboratory
FY 07/08, Transect 3

SITE ID	DATE M/D/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 (‰)	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	6.3						
T3-1m	9/26/07	1032	0.15	4.6	0.43	6.0	0.38	5.3	5.8	162	0.37	11.6	5.6	79	0.12	34.961	26.8	8.25	6.63	0.10
T3-1m	12/13/07	1159	0.11	3.3	0.44	6.2			8.8	247	0.36	11.0	7.1	99	0.16	34.688	25.7	8.30	6.78	0.24
T3-1m	3/10/08	1048	0.21	6.5	1.34	18.8	0.06	0.8	5.8	162	0.41	12.6	8.7	123	0.43	34.865	24.8	8.17	6.92	0.24
T3-1m	6/5/08	1054	0.11	3.3	0.27	3.8	0.16	2.2	19.0	533	0.21	6.4	9.8	138	0.06	34.812	25.1	8.18	6.79	0.35
Geomean	07/08		0.14	4.2	0.51	7.2	0.2	2.1	0.3	10.1	7.6	107	0.11							0.21
T3-10m	9/26/07	1041	0.16	5.0	0.41	5.7	0.40	5.6	16.0	449	0.39	12.0	5.5	78	0.10	34.974	26.8	8.21	6.47	0.15
T3-10m	12/13/07	1203	0.11	3.5	0.59	8.3			6.5	181	0.37	11.5	5.6	79	0.09	34.658	25.8	8.25	6.70	0.24
T3-10m	3/10/08	1050	0.20	6.1	1.58	22.1	0.06	0.8	9.6	271	0.43	13.2	7.5	106	0.19	34.848	24.8	8.18	6.97	0.29
T3-10m	6/5/08	1055	0.14	4.3	0.38	5.3	0.16	2.2	24.1	676	0.22	6.7	6.5	91	0.05	34.799	25.1	8.17	6.68	0.29
Geomean	07/08		0.15	4.6	0.62	8.6	0.15	2.1	0.34	10.5	6.2	87	0.10							0.17
T3-50m	9/26/07	1047	0.12	3.7	0.37	5.2	0.44	6.2	4.0	113	0.42	13.0	8.7	121	0.11	34.964	26.8	8.22	6.35	0.07
T3-50m	12/13/07	1206	0.08	2.5	0.28	3.9			8.3	232	0.37	11.6	5.6	78	0.08	34.694	25.9	8.23	6.54	0.25
T3-50m	3/10/08	1053	0.14	4.4	0.76	10.7	0.06	0.8	22.9	644	0.42	13.1	7.1	99	0.50	34.872	24.9	8.17	6.83	0.24
T3-50m	6/5/08	1057	0.14	4.2	0.44	6.1	0.16	2.2	15.6	437	0.32	9.8	10.8	149	0.05	34.797	25.3	8.15	6.68	0.20
Geomean	07/08		0.12	3.6	0.43	6.0	0.16	2.2	0.38	11.8	7.8	109	0.11							0.21
T3-100m	9/26/07	1056	0.13	4.1	0.31	4.4	0.31	4.3	5.9	165	0.37	11.4	6.7	94	0.09	34.943	26.9	8.23	6.42	0.10
T3-100m	12/13/07	1212	0.07	2.2	0.07	1.0			5.2	147	0.36	11.1	5.2	73	0.08	34.730	26.0	8.23	6.34	0.25
T3-100m	3/10/08	1056	0.19	5.8	0.64	9.0	0.06	0.8	3.8	107	0.31	9.6	7.2	101	0.12	34.894	24.9	8.18	6.76	0.26
T3-100m	6/5/08	1101	0.06	2.0	0.13	1.8	0.16	2.2	17.0	479	0.24	7.4	6.1	85	0.06	34.834	25.1	8.14	6.56	0.11
Geomean	07/08		0.10	3.2	0.21	2.9	0.14	2.8	0.31	9.7	6.2	87	0.08							0.16
T3-500m	9/26/07	1008	0.14	4.2	0.07	1.0	0.11	1.6	2.2	62	0.33	10.3	5.2	72	0.05	34.979	26.9	8.20	6.33	0.04
T3-500m	12/13/07	1220	0.07	2.2	0.07	1.0			2.9	81	0.39	12.1	4.8	68	0.12	34.775	26.2	8.20	6.23	0.43
T3-500m	3/10/08	1115	0.15	4.5	0.05	0.7	0.06	0.8	6.9	193	0.38	11.7	5.8	82	0.14	34.930	25.0	8.18	6.56	0.34
T3-500m	6/5/08	1104	0.06	2.0	0.13	1.8	0.16	2.2	10.4	293	0.24	7.3	5.5	77	0.06	34.788	25.6	8.13	6.52	0.11
Geomean	07/08		0.10	3.0	0.08	1.1	0.10	1.4	0.33	10.2	5.3	74	0.08							0.16

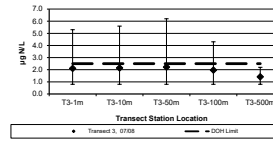
Ortho-Phosphate
Geometric Mean, July 2007 - June 2008
Transect 3



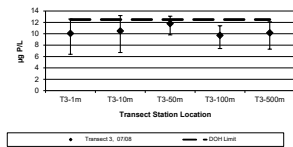
Nitrate + Nitrite
Geometric Mean, July 2007 - June 2008
Transect 3



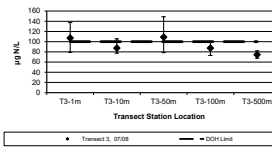
Ammonia
Geometric Mean, July 2007 - June 2008
Transect 3



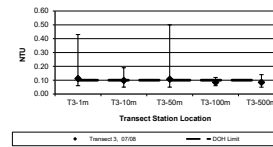
Total Dissolved Phosphorus
Geometric Mean, July 2007 - June 2008
Transect 3



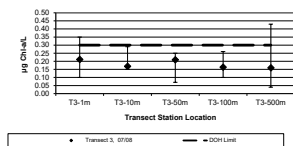
Total Dissolved Nitrogen
Geometric Mean, July 2007 - June 2008
Transect 3



Turbidity
Geometric Mean, July 2007 - June 2008
Transect 3



Chlorophyll-a
Geometric Mean, July 2007 - June 2008
Transect 3



Transect 3, 07/08
SITE ID

	limit	(µg P/L)	limit	(µg N/L)	limit	(µg P/L)	limit	(µg N/L)	limit	(NTU)	limit	(µg/L)
T3-1m	5	4.2	4.5	7.2	2.5	2.1	12.5	10.1	100	107.1	0.1	0.11
T3-10m	5	4.6	4.5	6.6	2.5	2.1	12.5	10.5	100	87.4	0.1	0.10
T3-50m	5	3.6	4.5	6.0	2.5	2.2	12.5	11.8	100	108.9	0.1	0.11
T3-100m	5	3.2	4.5	2.9	2.5	2.0	12.5	9.7	100	87.5	0.1	0.08
T3-500m	5	3.0	4.5	1.1	2.5	1.4	12.5	10.2	100	74.4	0.1	0.08

	PO4	NO3+NO2	NH4	TDP	TDN	Turbidity	Chl a
Max/Min	Max	Max	Max	Max	Max	Max	Max
	Min	Min	Min	Min	Min	Min	Min
T3-1m	2.25	0.05	11.62	3.38	3.19	1.31	2.53
T3-10m	1.47	1.13	13.47	3.33	3.46	1.34	2.69
T3-50m	0.78	1.12	4.67	2.13	3.98	1.42	1.30
T3-100m	2.60	1.20	6.09	1.91	2.34	1.16	1.66
T3-500m	1.48	1.02	0.74	0.36	0.79	0.61	1.94