

NELHA Water Quality Laboratory

Transect 2

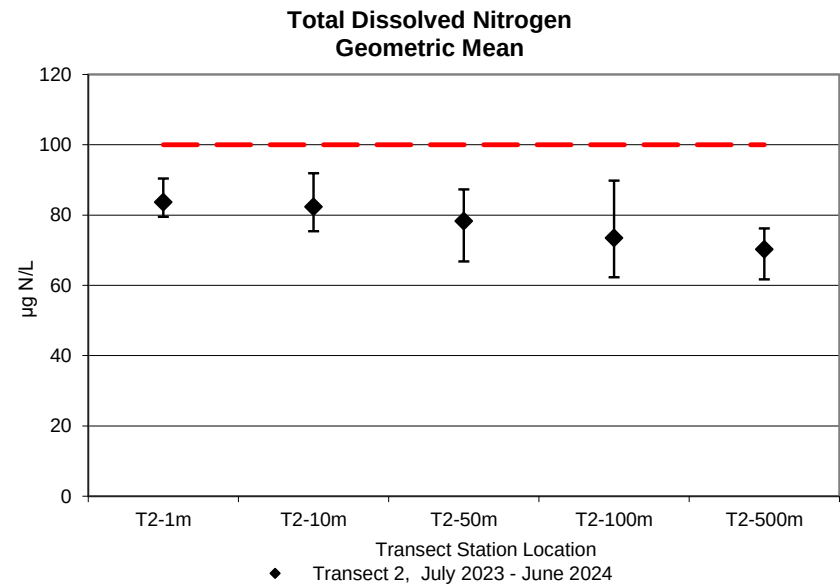
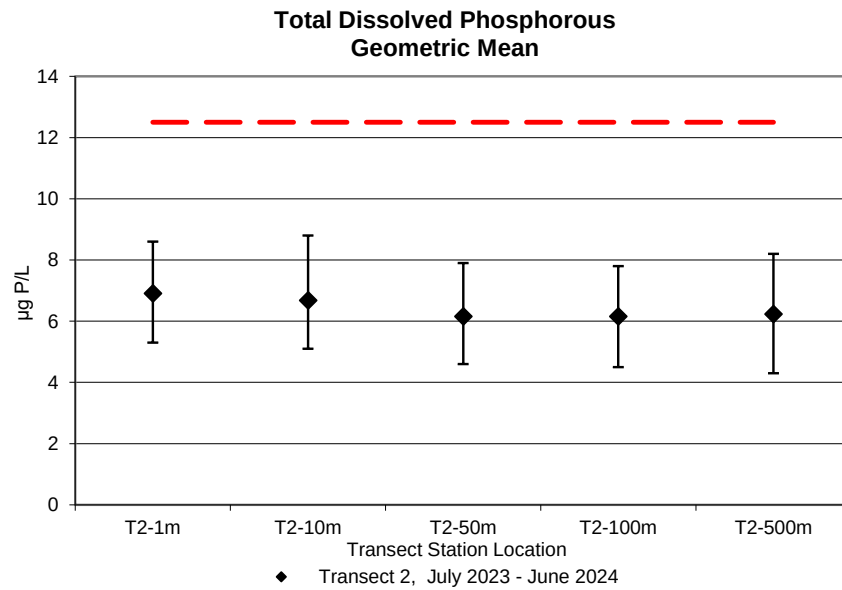
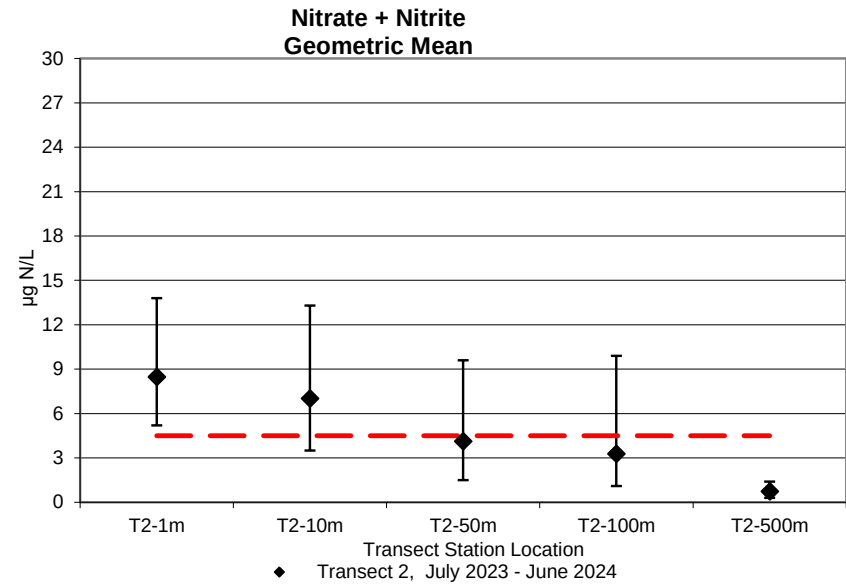
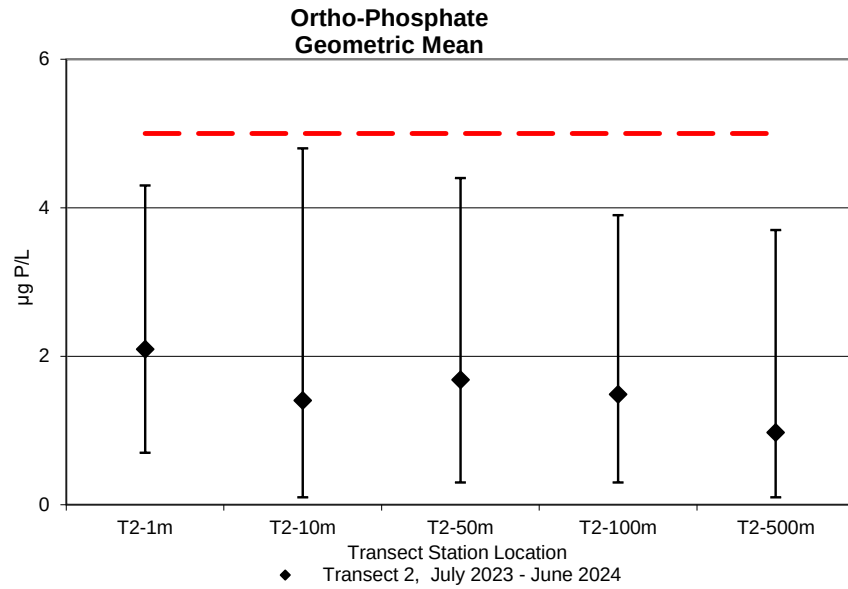
July 2024 - June 2025

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	
T2-1m	8/7/24	1136	0.2	Low	0.14	4.3	0.99	13.8	0.11	1.6	3.3	94	0.28	8.6	5.72	80	0.16	34.70	26.7	8.12	6.98	0.19	222.7
T2-1m	12/18/24	1007	1.0	Ebb	0.13	4.0	0.37	5.2	0.19	2.6	1.9	53	0.28	8.6	5.68	80	0.13	34.98	25.8	8.14	7.04	0.30	267.1
T2-1m	3/5/25	1101	0.3	Ebb	0.02	0.7	0.51	7.2	0.19	2.6	1.4	40	0.17	5.3	6.08	85	0.09	34.97	25.5	8.15	7.17	0.24	218.6
T2-1m	6/20/25	926	1.3	Flood	0.05	1.6	0.71	10.0	0.29	4.1	1.4	40	0.19	5.8	6.45	90	0.09	34.89	26.4	7.93	6.77	0.27	261.9
Geomean	FY '25				0.07	2.1	0.61	8.5	0.2	2.6			0.2	6.9	6.0	84	0.11					0.25	
T2-10m	8/7/24	1141	0.2	Low	0.15	4.8	0.95	13.3	0.11	1.5	3.1	88	0.28	8.8	6.03	85	0.12	34.70	26.7	8.12	6.94	0.18	223.9
T2-10m	12/18/24	1012	1.0	Ebb	0.14	4.3	0.39	5.4	0.14	2.0	2.0	55	0.27	8.5	5.38	75	0.13	34.98	25.8	8.14	7.07	0.32	265.7
T2-10m	3/5/25	1107	0.3	Ebb	0.00	0.1	0.25	3.5	0.10	1.4	0.6	17	0.17	5.2	5.62	79	0.10	35.03	25.4	8.13	6.91	0.24	228.0
T2-10m	6/20/25	932	1.3	Flood	0.06	1.9	0.69	9.7	0.33	4.6	1.4	38	0.16	5.1	6.56	92	0.10	34.88	26.4	7.99	6.77	0.26	257.4
Geomean	FY '25				0.05	1.4	0.50	7.0	0.1	2.1			0.2	6.7	5.9	82	0.11					0.24	
T2-50m	8/7/24	1147	0.2	Low	0.11	3.4	0.28	3.9	0.12	1.7	1.4	40	0.25	7.6	4.77	67	0.15	34.75	26.7	8.12	6.90	0.17	225.9
T2-50m	12/18/24	1017	1.0	Ebb	0.14	4.4	0.37	5.2	0.19	2.7	1.8	52	0.26	7.9	5.96	84	0.13	34.98	25.8	8.14	7.01	0.28	266.1
T2-50m	3/5/25	1112	0.3	Ebb	0.01	0.3	0.11	1.5	0.14	2.0	0.1	4	0.15	4.6	5.51	77	0.09	35.04	25.4	8.13	6.83	0.23	232.7
T2-50m	6/20/25	937	1.3	Flood	0.06	1.8	0.69	9.6	0.22	3.1	1.6	44	0.17	5.2	6.23	87	0.10	34.88	26.5	8.00	6.59	0.26	254.3
Geomean	FY '25				0.05	1.7	0.30	4.1	0.2	2.3			0.2	6.2	5.6	78	0.11					0.23	
T2-100m	8/7/24	1153	0.2	Low	0.11	3.5	0.44	6.2	0.13	1.8	1.8	50	0.25	7.8	4.45	62	0.11	34.76	26.7	8.12	6.76	0.18	226.9
T2-100m	12/18/24	1022	1.0	Ebb	0.13	3.9	0.08	1.1	0.20	2.8	0.8	23	0.25	7.7	5.37	75	0.07	34.96	25.8	8.14	6.70	0.20	268.8
T2-100m	3/5/25	1117	0.3	Ebb	0.01	0.3	0.12	1.7	0.02	0.3	0.0	-1	0.15	4.5	4.96	70	0.07	35.04	25.3	8.13	6.80	0.25	232.7
T2-100m	6/20/25	942	1.3	Flood	0.04	1.2	0.71	9.9	0.14	1.9	1.9	52	0.17	5.3	6.41	90	0.10	34.87	26.5	8.01	6.48	0.28	253.0
Geomean	FY '25				0.05	1.5	0.23	3.3	0.1	1.3			0.2	6.2	5.2	74	0.08					0.22	
T2-500m	8/7/24	1201	0.2	Low	0.12	3.7	0.04	0.6	0.11	1.5	1.0	29	0.26	8.2	4.41	62	0.15	34.79	26.8	8.12	6.73	0.20	229.1
T2-500m	12/18/24	1031	1.0	Ebb	0.11	3.5	0.02	0.3	0.11	1.6	0.4	12	0.26	7.9	5.25	74	0.07	34.89	25.8	8.14	6.71	0.12	269.6
T2-500m	3/5/25	1124	0.3	Ebb	0.00	0.1	0.09	1.2	0.09	1.3	0.0	0	0.14	4.3	5.04	71	0.11	35.02	25.6	8.13	6.81	0.24	234.5
T2-500m	6/20/25	951	1.3	Flood	0.02	0.7	0.10	1.4	0.16	2.2	0.5	13	0.17	5.4	5.44	76	0.09	34.90	26.3	8.04	6.75	0.28	253.0
Geomean	FY '25				0.03	1.0	0.05	0.7	0.1	1.6			0.2	6.2	5.0	70	0.10					0.20	

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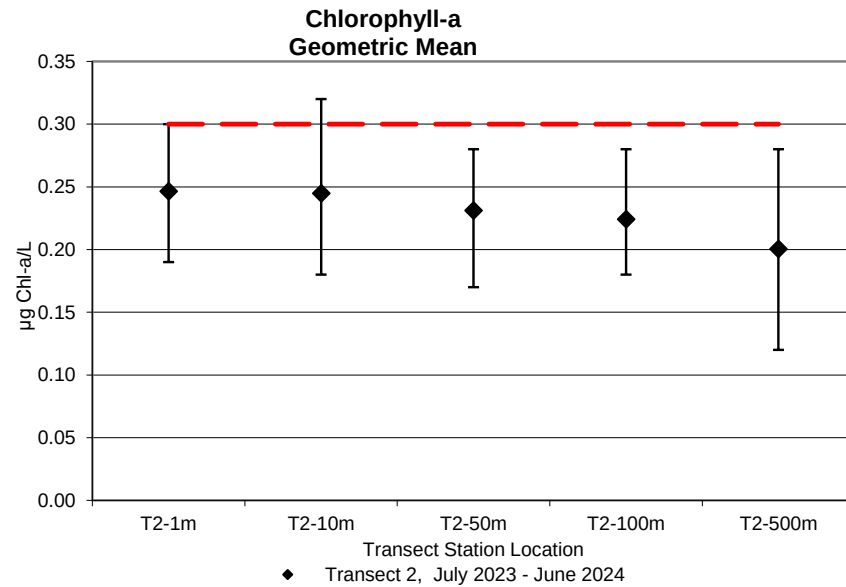
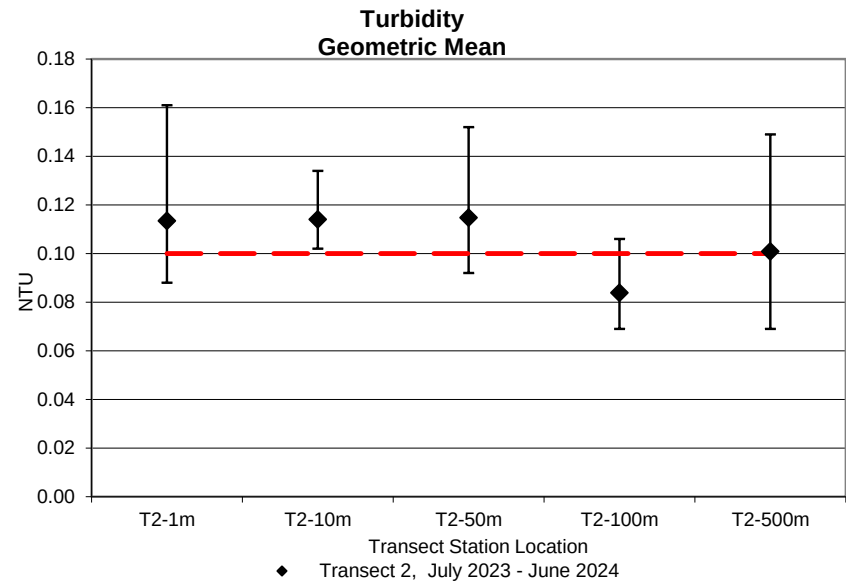
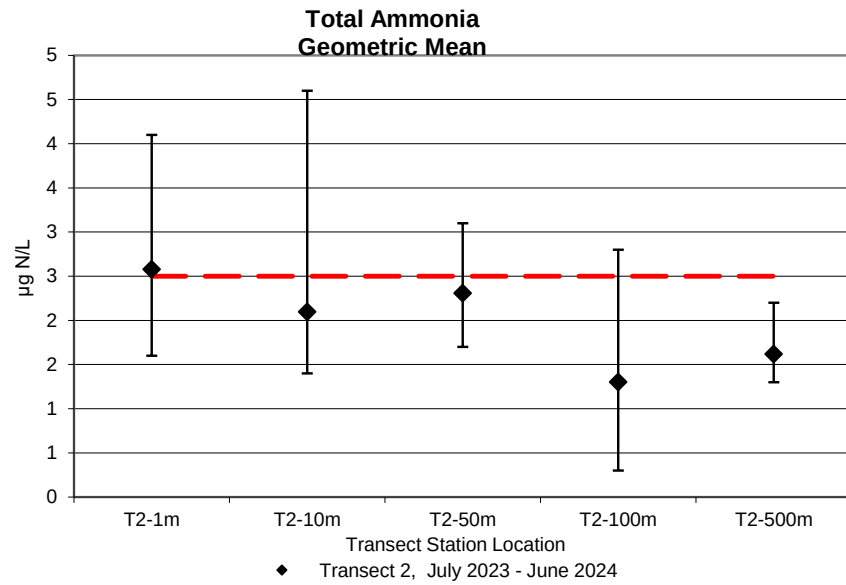
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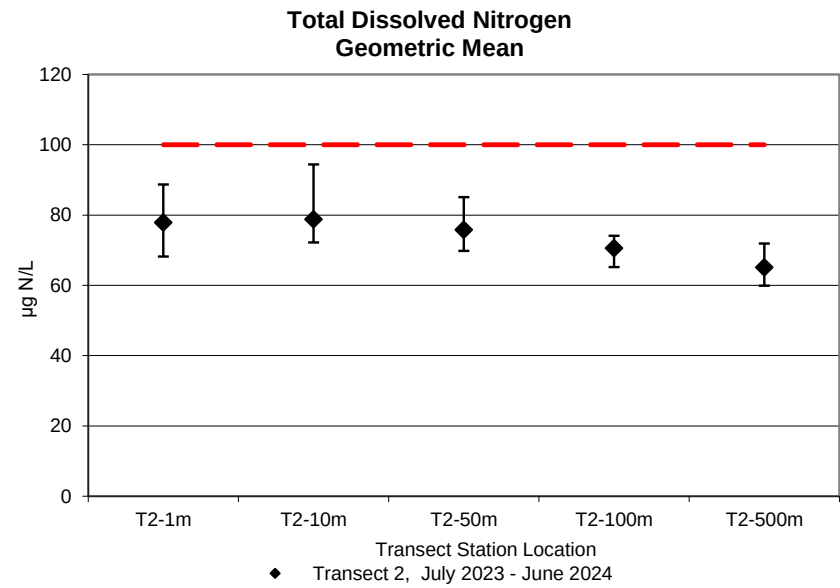
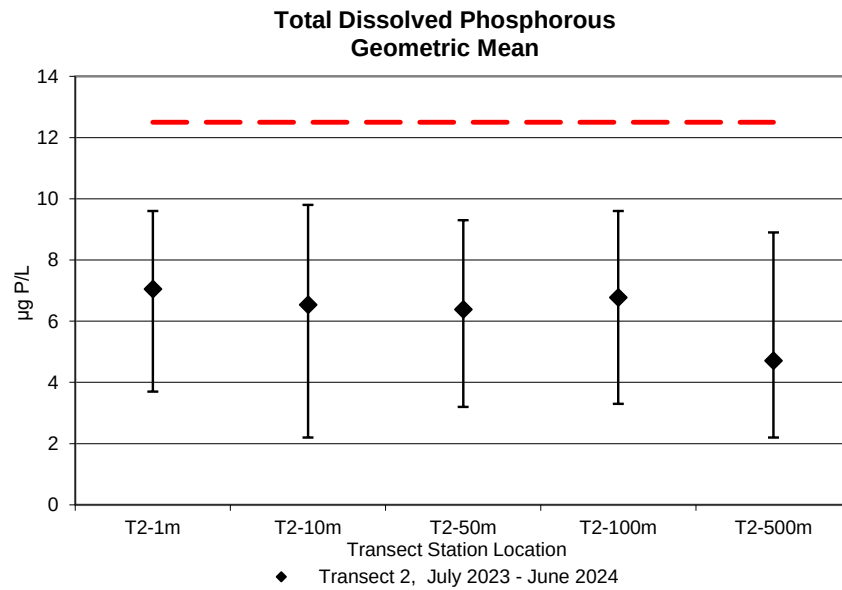
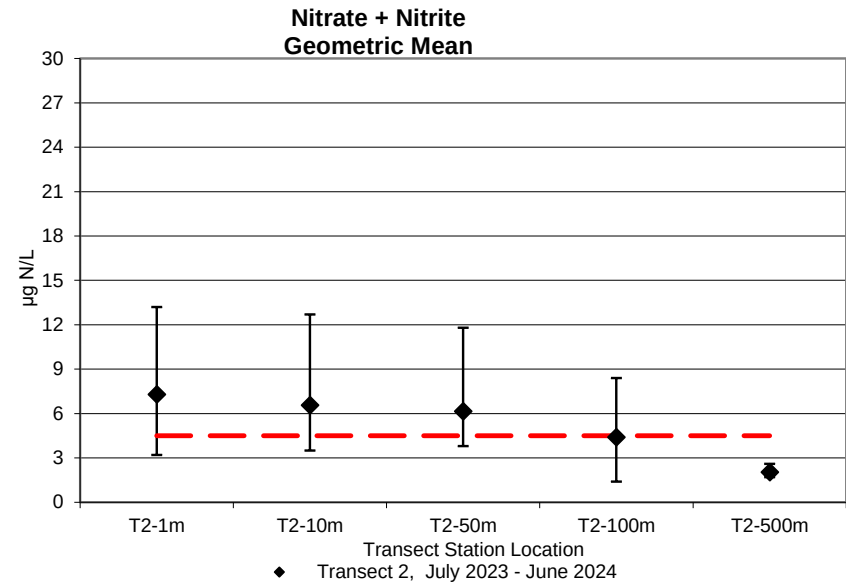
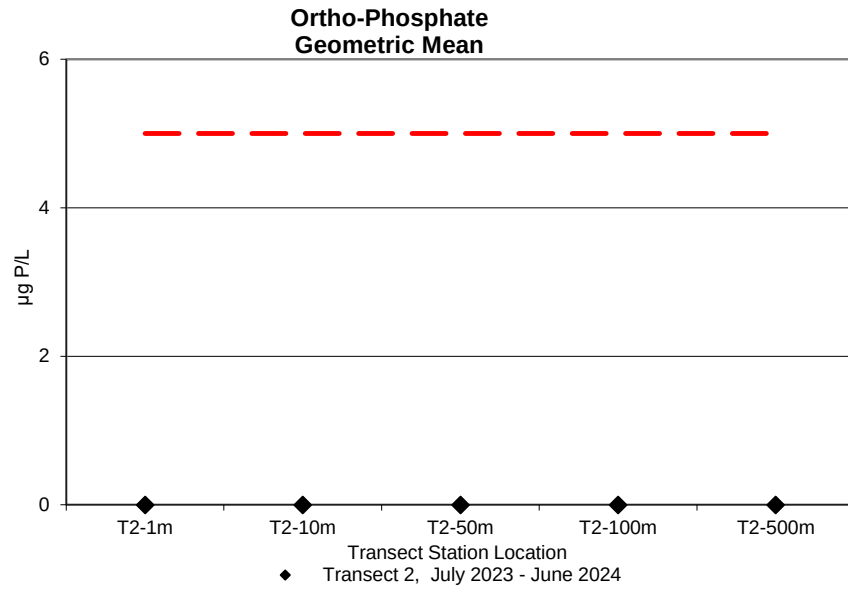
July 2023 - June 2024

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					
T2-1m					9/13/23	1041	0.6	Flood	0.20	6.3	0.94	13.2	0.14	2.0	3.1	87	0.26	8.1	6.33	89	0.13	34.73	26.8	8.09	6.91	0.16	176.8
T2-1m					12/6/23	951	1.5	High	-0.04	-1.3	0.23	3.2	0.39	5.4	0.8	23	0.28	8.6	5.22	73	0.15	35.00	26.4	8.12	7.09	0.21	189.9
T2-1m					2/21/24	1023	0.3	Low	-0.06	-1.8	0.69	9.6	0.28	3.9	1.2	35	0.12	3.7	5.95	83	0.12	35.04	25.0	8.11	7.18	0.19	192.6
T2-1m					6/18/24	1011	0.6	Flood	0.17	5.3	0.50	7.0	0.24	3.4	2.1	59	0.31	9.6	4.87	68	0.21	34.88	26.5	8.11	6.98	0.12	216.0
Geomean FY '24					#NUM!	#NUM!			0.52	7.3	0.2	3.5			0.2	7.1	5.6	78	0.15					0.17			
T2-10m					9/13/23	1045	0.6	Flood	0.23	7.1	0.91	12.7	0.35	4.9	2.6	73	0.31	9.5	6.74	94	0.16	34.74	26.8	8.09	6.86	0.29	177.9
T2-10m					12/6/23	956	1.5	High	-0.15	-4.8	0.25	3.5	0.46	6.5	0.7	20	0.29	8.9	5.15	72	0.15	35.01	26.4	8.12	6.98	0.19	191.0
T2-10m					2/21/24	1028	0.3	Low	-0.09	-2.7	0.62	8.7	0.22	3.1	0.8	23	0.07	2.2	5.32	75	0.16	35.03	25.1	8.12	7.22	0.27	192.4
T2-10m					6/18/24	1017	0.6	Flood	0.17	5.3	0.34	4.8	0.26	3.7	1.8	51	0.32	9.8	5.43	76	0.20	34.89	26.5	8.11	6.96	0.14	219.8
Geomean FY '24					#NUM!	#NUM!			0.47	6.6	0.3	4.4			0.2	6.5	5.6	79	0.16					0.21			
T2-50m					9/13/23	1052	0.6	Flood	0.24	7.4	0.84	11.8	0.29	4.0	2.4	68	0.28	8.6	6.08	85	0.14	34.75	26.8	8.09	6.77	0.28	180.2
T2-50m					12/6/23	1000	1.5	High	-0.06	-1.8	0.27	3.8	0.33	4.6	0.6	17	0.21	6.5	5.22	73	0.12	35.01	26.4	8.11	6.90	0.20	191.8
T2-50m					2/21/24	1034	0.3	Low	-0.12	-3.8	0.46	6.4	0.21	2.9	0.3	9	0.10	3.2	5.44	76	0.13	35.06	25.0	8.11	7.02	0.17	193.1
T2-50m					6/18/24	1025	0.6	Flood	0.15	4.6	0.36	5.0	0.35	4.9	1.9	54	0.30	9.3	4.98	70	0.17	34.89	26.4	8.10	6.85	0.13	223.7
Geomean FY '24					#NUM!	#NUM!			0.44	6.2	0.3	4.0			0.2	6.4	5.4	76	0.14					0.19			
T2-100m					9/13/23	1057	0.6	Flood	0.17	5.4	0.60	8.4	0.23	3.2	2.1	60	0.31	9.6	5.29	74	0.16	34.76	26.9	8.08	6.63	0.31	177.4
T2-100m					12/6/23	1005	1.5	High	0.15	4.7	0.10	1.4	0.32	4.5	0.3	8	0.24	7.4	4.65	65	0.10	35.01	26.4	8.12	6.62	0.21	191.7
T2-100m					2/21/24	1040	0.3	Low	-0.08	-2.6	0.45	6.3	0.24	3.3	0.1	2	0.11	3.3	5.23	73	0.11	35.07	25.0	8.10	6.88	0.14	193.9
T2-100m					6/18/24	1033	0.6	Flood	0.15	4.7	0.36	5.1	0.27	3.8	2.0	55	0.29	9.0	5.00	70	0.22	34.89	26.5	8.10	6.72	0.15	225.6
Geomean FY '24					#NUM!	#NUM!			0.31	4.4	0.3	3.7			0.2	6.8	5.0	71	0.14					0.19			
T2-500m					9/13/23	1107	0.6	Flood	0.12	3.6	0.19	2.6	0.19	2.6	1.1	32	0.23	7.2	5.13	72	0.15	34.81	26.9	8.09	6.66	0.52	158.8
T2-500m					12/6/23	1014	1.5	High	0.04	1.2	0.12	1.7	0.49	6.9	0.4	13	0.07	2.2	4.49	63	0.11	35.00	26.5	8.12	6.63	0.22	192.6
T2-500m					2/21/24	1047	0.3	Low	-0.07	-2.3	0.16	2.3	0.07	1.0	-0.7	-20	0.11	3.5	4.28	60	0.12	35.09	25.1	8.11	6.77	0.19	194.7
T2-500m					6/18/24	1043	0.6	Flood	0.14	4.3	0.12	1.7	0.21	2.9	1.6	45	0.29	8.9	4.74	66	0.17	34.90	26.4	8.10	6.72	0.15	227.3
Geomean FY '24					#NUM!	#NUM!			0.15	2.0	0.2	2.7			0.2	4.7	4.6	65	0.14					0.24			

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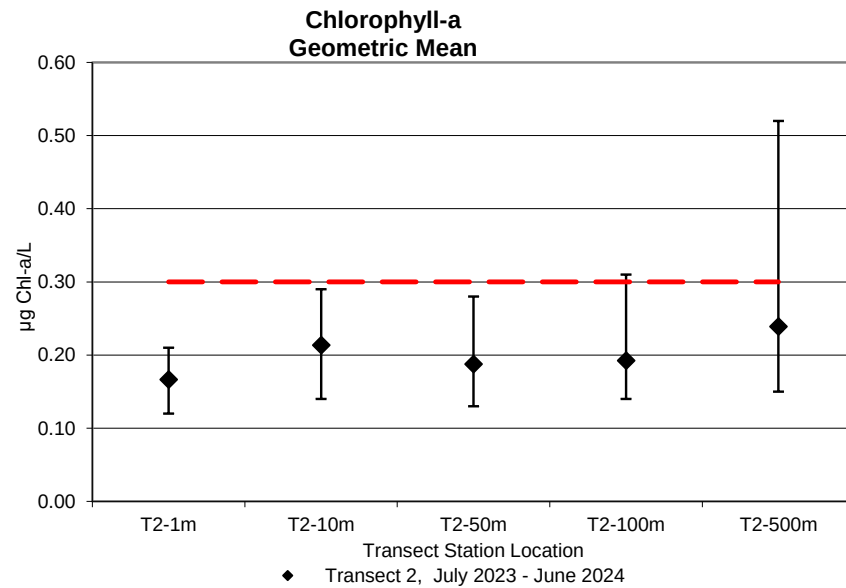
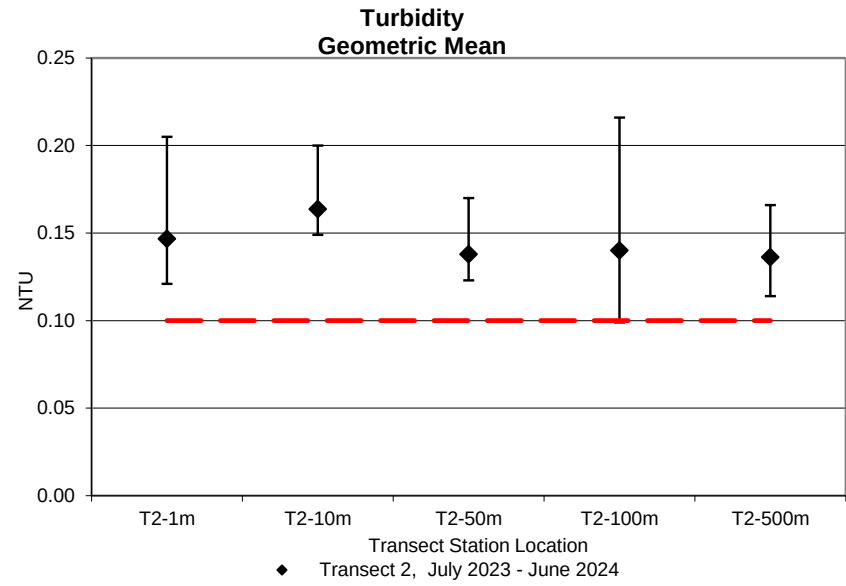
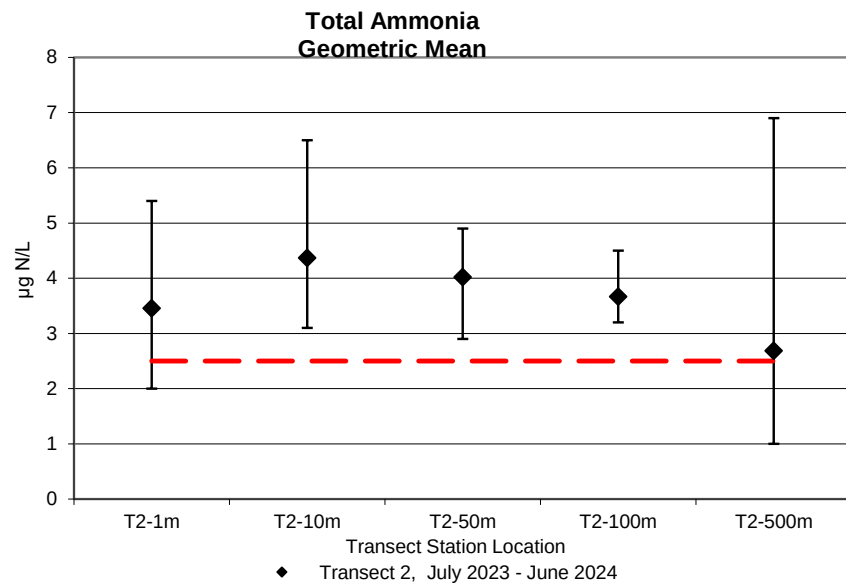
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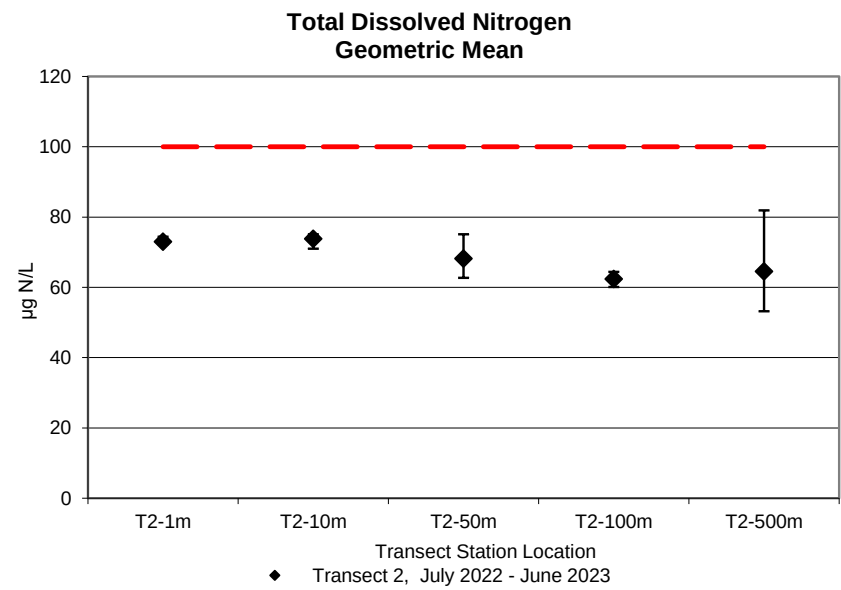
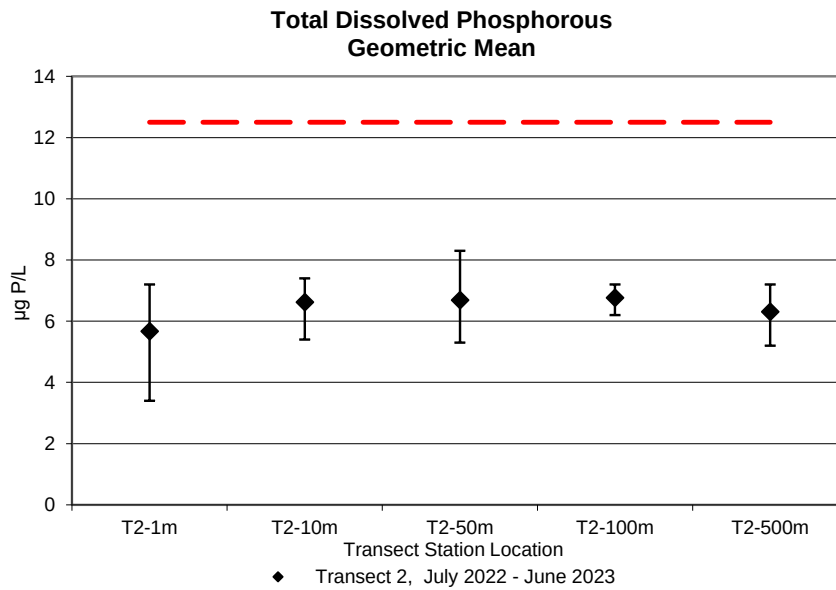
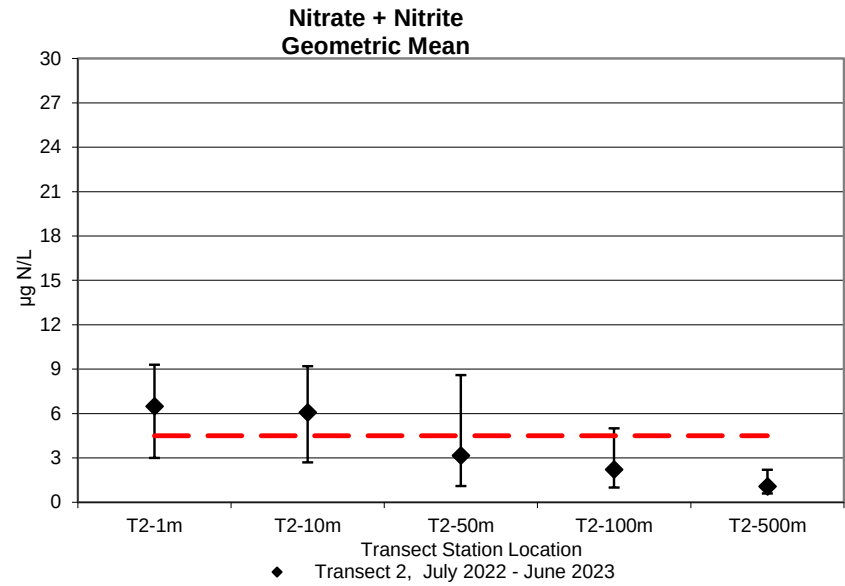
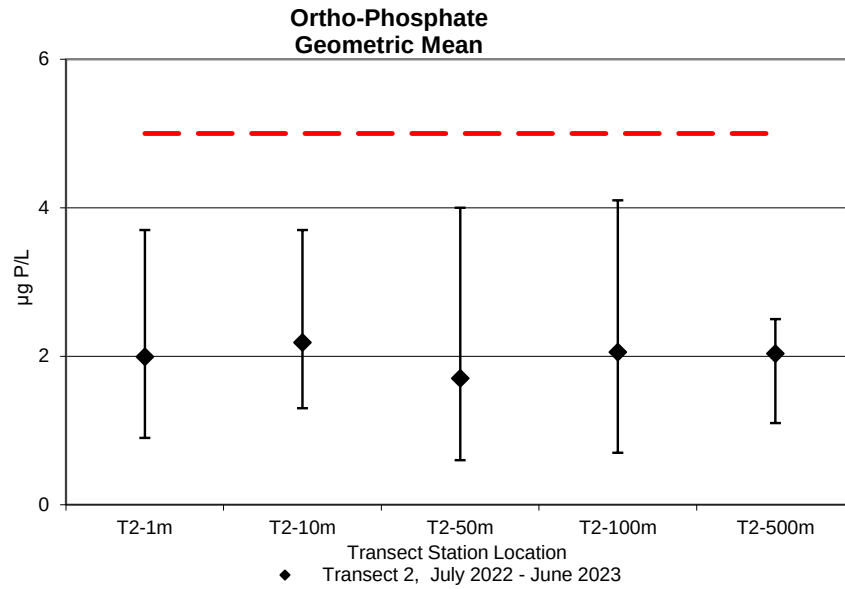
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SITE ID	DATE	TIME	Tide		PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(ft)	(cycle)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T2-1m	9/21/22	920	0.7	Flood	0.06	1.9	0.51	7.2	0.11	1.5	1.1	32	0.20	6.3	5.31	74	0.13	34.90	26.9	8.12	6.87	0.26
T2-1m	12/27/22	955	0.4	Low	0.08	2.5	0.21	3.0	0.12	1.7	0.2	6	0.11	3.4	5.16	72	0.07	34.99	25.7	8.15	7.13	0.30
T2-1m	3/15/23	1008	0.5	Ebb	0.12	3.7	0.66	9.3	0.18	2.5	2.5	70	0.23	7.2	5.16	72	0.14	34.69	24.4	8.10	7.10	0.28
T2-1m	5/31/23	940	0.5	Flood	0.03	0.9	0.63	8.8	0.09	1.3	1.8	49	0.22	6.7	5.21	73	0.12	34.70	25.7	8.07	6.94	0.18
Geomean	FY '23				0.06	2.0	0.46	6.5	0.1	1.7			0.2	5.7	5.2	73	0.11					0.25
T2-10m	9/21/22	924	0.7	Flood	0.04	1.3	0.46	6.5	0.11	1.5	1.0	27	0.24	7.4	5.07	71	0.11	34.91	26.9	8.11	6.76	0.23
T2-10m	12/27/22	959	0.4	Low	0.08	2.5	0.19	2.7	0.17	2.4	0.3	7	0.17	5.4	5.35	75	0.06	34.98	25.7	8.15	7.07	0.30
T2-10m	3/15/23	1013	0.5	Ebb	0.12	3.7	0.66	9.2	0.19	2.7	2.4	68	0.24	7.3	5.36	75	0.10	34.69	24.4	8.10	7.12	0.27
T2-10m	5/31/23	944	0.5	Flood	0.06	1.9	0.60	8.4	0.36	5.0	1.8	50	0.21	6.6	5.30	74	0.11	34.71	25.7	8.07	6.87	0.19
Geomean	FY '23				0.07	2.2	0.43	6.1	0.2	2.6			0.2	6.6	5.3	74	0.09					0.24
T2-50m	9/21/22	930	0.7	Flood	0.02	0.6	0.08	1.1	0.04	0.6	0.0	1	0.27	8.3	4.48	63	0.12	34.94	27.0	8.12	6.67	0.22
T2-50m	12/27/22	1004	0.4	Low	0.08	2.5	0.09	1.3	0.07	1.0	0.2	6	0.17	5.3	4.92	69	0.13	34.96	25.8	8.14	6.74	0.29
T2-50m	3/16/22	1017	0.1	Ebb	0.13	4.0	0.61	8.6	0.26	3.7	2.2	61	0.22	6.7	4.77	67	0.09	34.70	24.4	8.10	7.04	0.27
T2-50m	5/31/23	950	0.5	Flood	0.05	1.4	0.58	8.1	0.12	1.7	2.8	78	0.22	6.8	5.36	75	0.11	34.69	25.7	8.07	6.63	0.16
Geomean	FY '23				0.05	1.7	0.23	3.2	0.1	1.4			0.2	6.7	4.9	68	0.11					0.23
T2-100m	9/21/22	936	0.7	Flood	0.08	2.5	0.07	1.0	0.03	0.4	-0.2	-7	0.23	7.2	4.29	60	0.12	34.95	26.9	8.13	6.69	0.32
T2-100m	12/27/22	1009	0.4	Low	0.08	2.5	0.07	1.0	0.10	1.4	0.5	13	0.22	6.9	4.60	64	0.08	34.95	25.7	8.14	6.71	0.28
T2-100m	3/16/22	1022	0.1	Ebb	0.13	4.1	0.34	4.8	0.16	2.2	1.7	49	0.22	6.8	4.35	61	0.09	34.73	24.3	8.10	6.99	0.17
T2-100m	5/31/23	955	0.5	Flood	0.02	0.7	0.36	5.0	0.04	0.5	2.0	57	0.20	6.2	4.58	64	0.11	34.71	25.7	8.07	6.66	0.15
Geomean	FY '23				0.07	2.1	0.16	2.2	0.1	0.9			0.2	6.8	4.5	62	0.10					0.22
T2-500m	9/21/22	945	0.7	Flood	0.08	2.5	0.04	0.6	0.07	1.0	-0.3	-10	0.23	7.2	3.80	53	0.15	34.96	26.8	8.13	6.72	0.26
T2-500m	12/27/22	1016	0.4	Low	0.08	2.5	0.04	0.6	0.11	1.5	0.0	-1	0.17	5.2	4.83	68	0.09	34.98	25.8	8.15	6.71	0.20
T2-500m	3/16/22	1028	0.1	Ebb	0.08	2.5	0.12	1.7	0.11	1.5	0.9	25	0.21	6.6	4.22	59	0.10	34.74	24.3	8.10	6.95	0.26
T2-500m	5/31/23	1001	0.5	Flood	0.04	1.1	0.16	2.2	0.09	1.3	0.9	26	0.21	6.4	5.85	82	0.11	34.74	25.6	8.08	6.74	0.17
Geomean	FY '23				0.07	2.0	0.08	1.1	0.1	1.3			0.2	6.3	4.6	65	0.11					0.22

NELHA Water Quality Laboratory

Transect 2

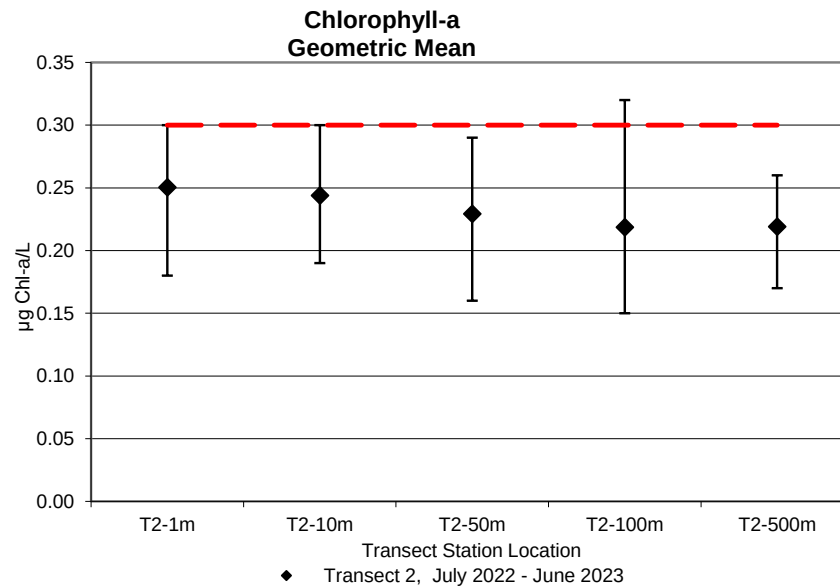
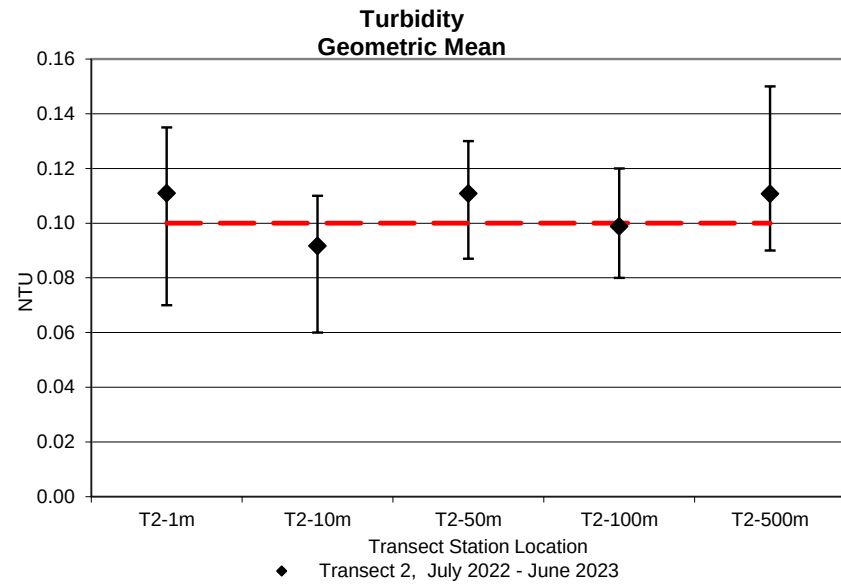
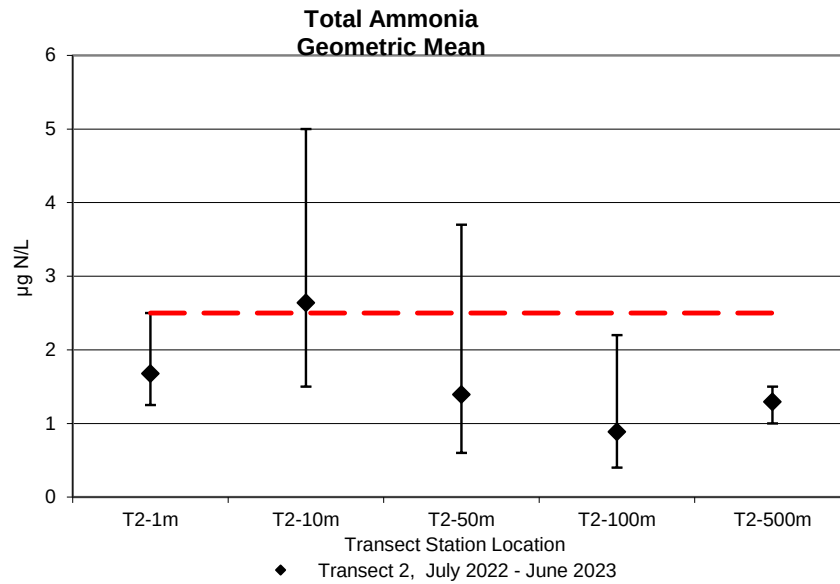
July 2022 - June 2023



NELHA Water Quality Laboratory

Transect 2

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NELHA Water Quality Laboratory

Transect 2

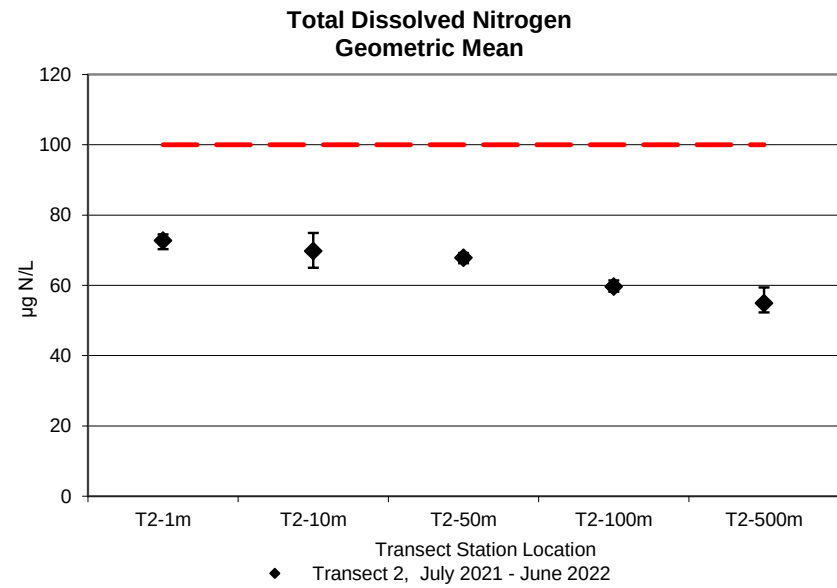
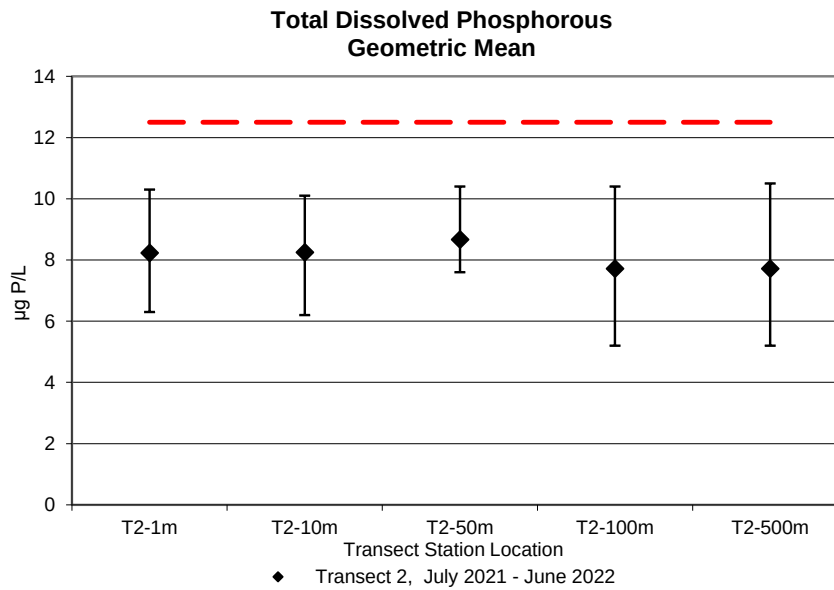
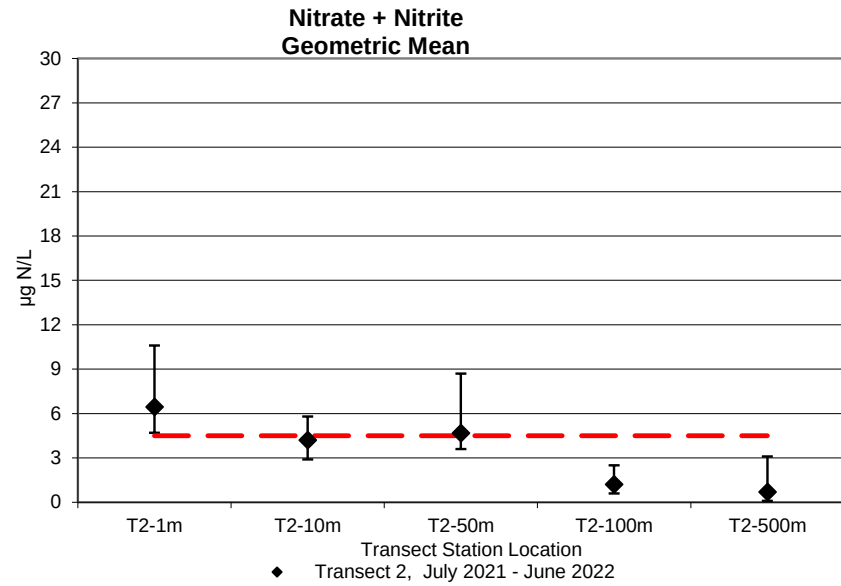
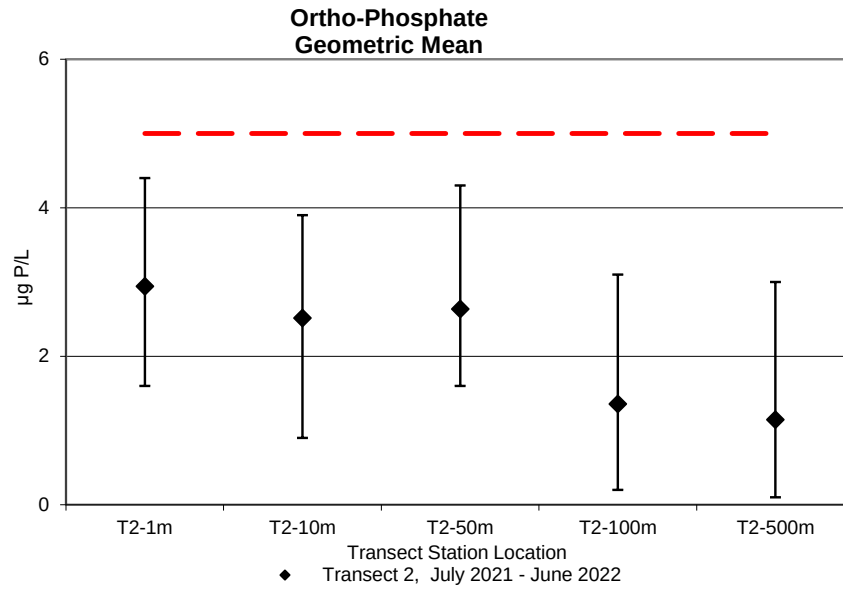
July 2021 - June 2022

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
T2-1m	9/24/21	900	1.2	Ebb	0.05	1.6	0.44	6.1	0.27	3.8	0.5	14	0.20	6.3	5.02	70	0.11	35.56	26.6	8.01	6.82	0.18
T2-1m	12/14/21	959	1.0	Flood	0.09	2.8	0.34	4.7	0.20	2.8	1.2	34	0.27	8.3	5.23	73	0.06	35.08	25.9	8.14	7.07	0.16
T2-1m	3/15/22	936	0.2	Low	0.14	4.4	0.76	10.6	0.17	2.4	2.5	70	0.33	10.3	5.22	73	0.08	34.84	25.4	8.11	7.13	0.20
T2-1m	6/8/22	940	0.5	Flood	0.12	3.8	0.41	5.7	0.60	8.4	2.1	58	0.27	8.5	5.32	75	0.12	34.47	26.2	8.06	6.85	0.36
Geomean	FY '22				0.09	2.9	0.46	6.5	0.3	3.8			0.3	8.2	5.2	73	0.09					0.21
T2-10m	9/24/21	905	1.2	Ebb	0.03	0.9	0.24	3.4	0.27	3.8	-0.2	-5	0.20	6.2	4.77	67	0.08	35.56	26.6	8.01	6.77	0.11
T2-10m	12/14/21	1003	1.0	Flood	0.10	3.0	0.41	5.8	0.25	3.5	1.2	33	0.27	8.4	5.21	73	0.06	35.09	25.9	8.14	6.98	0.15
T2-10m	3/15/22	942	0.2	Low	0.12	3.8	0.21	2.9	0.05	0.7	0.3	7	0.33	10.1	4.64	65	0.10	34.88	25.7	8.09	6.77	0.23
T2-10m	6/8/22	946	0.5	Flood	0.13	3.9	0.39	5.5	0.31	4.3	2.0	57	0.28	8.8	5.35	75	0.11	34.49	26.2	8.05	6.68	0.31
Geomean	FY '22				0.08	2.5	0.30	4.2	0.2	2.5			0.3	8.2	5.0	70	0.09					0.19
T2-50m	9/24/21	909	1.2	Ebb	0.05	1.6	0.27	3.8	0.19	2.6	-0.1	-2	0.25	7.6	4.89	69	0.10	35.56	26.6	8.02	6.65	0.10
T2-50m	12/14/21	1008	1.0	Flood	0.06	1.9	0.26	3.6	0.15	2.1	0.5	15	0.26	8.2	4.73	66	0.08	35.11	25.9	8.13	6.79	0.15
T2-50m	3/16/22	929	0.1	Low	0.14	4.3	0.62	8.7	0.11	1.5	4.6	130	0.34	10.4	4.82	68	0.07	34.82	25.4	8.06	6.87	0.23
T2-50m	6/8/22	951	0.5	Flood	0.12	3.7	0.29	4.0	0.30	4.2	1.4	40	0.28	8.7	4.94	69	0.11	34.49	26.3	8.05	6.51	0.31
Geomean	FY '22				0.09	2.6	0.33	4.7	0.2	2.4			0.3	8.7	4.8	68	0.09					0.18
T2-100m	9/24/21	914	1.2	Ebb	0.01	0.2	0.04	0.6	0.08	1.1	-0.4	-11	0.17	5.2	4.20	59	0.05	35.56	26.7	8.03	6.63	0.15
T2-100m	12/14/21	1014	1.0	Flood	0.06	1.9	0.14	2.0	0.06	0.9	0.3	7	0.26	8.1	4.30	60	0.05	35.11	25.9	8.13	6.68	0.16
T2-100m	3/16/22	935	0.1	Low	0.09	2.9	0.05	0.7	0.07	1.0	0.4	10	0.34	10.4	4.16	58	0.09	34.90	25.5	8.07	6.82	0.22
T2-100m	6/8/22	956	0.5	Flood	0.10	3.1	0.18	2.5	0.24	3.3	0.9	27	0.26	8.1	4.38	61	0.07	34.49	26.3	8.07	6.64	0.27
Geomean	FY '22				0.04	1.4	0.09	1.2	0.1	1.3			0.2	7.7	4.3	60	0.06					0.19
T2-500m	9/24/21	923	1.2	Ebb	0.00	0.1	0.04	0.5	0.05	0.7	-0.3	-9	0.17	5.2	3.73	52	0.08	35.56	26.7	8.03	6.65	0.12
T2-500m	12/14/21	1020	1.0	Flood	0.08	2.4	0.22	3.1	0.09	1.2	0.7	19	0.27	8.3	4.24	59	0.09	35.09	25.9	8.13	6.68	0.15
T2-500m	3/16/22	943	0.1	Low	0.10	3.0	0.01	0.1	0.07	1.0	0.1	2	0.34	10.5	3.84	54	0.06	34.90	25.5	8.07	6.81	0.22
T2-500m	6/8/22	1001	0.5	Flood	0.08	2.4	0.11	1.5	0.23	3.2	0.2	4	0.25	7.8	3.89	55	0.13	34.50	26.2	8.08	6.73	0.15
Geomean	FY '22				0.04	1.1	0.05	0.7	0.1	1.3			0.2	7.7	3.9	55	0.09					0.16

NELHA Water Quality Laboratory

Transect 2

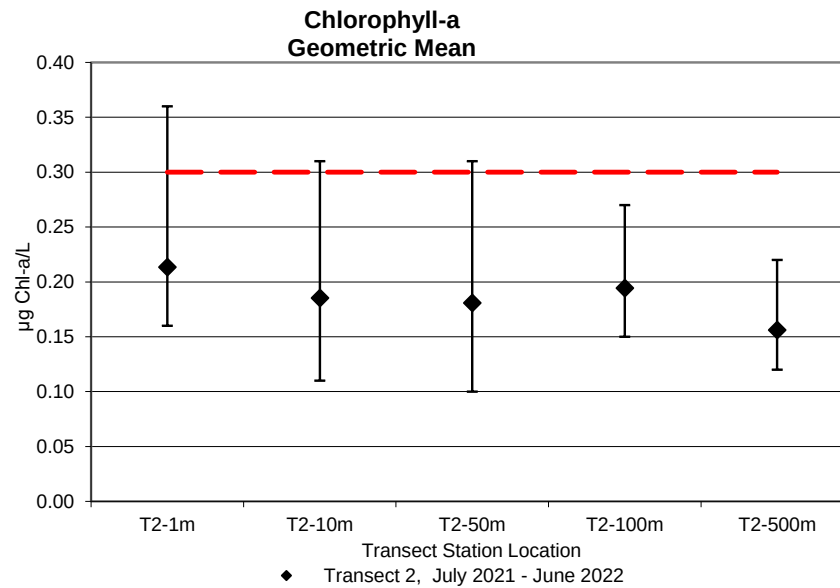
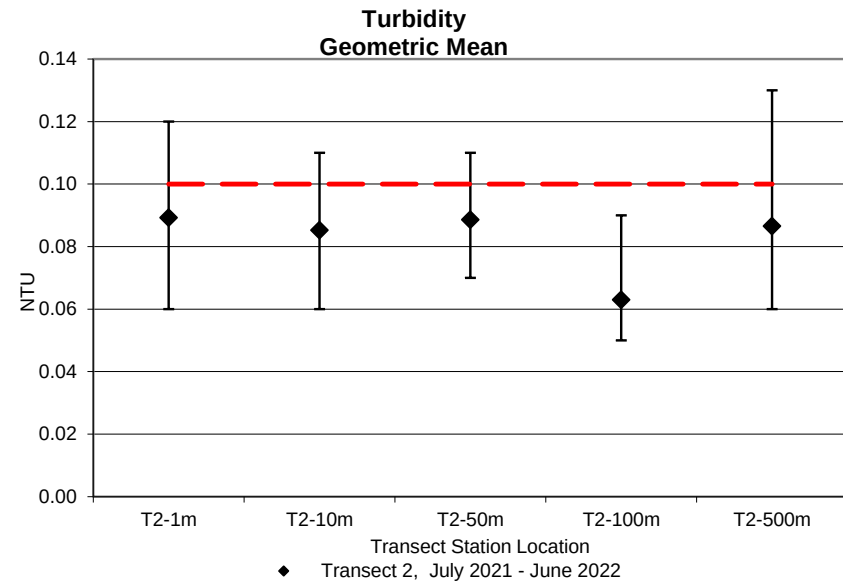
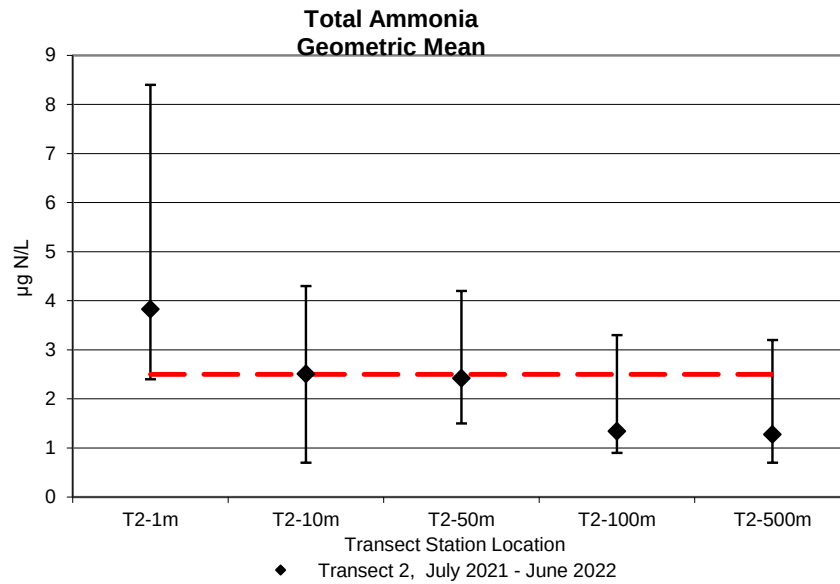
July 2021 - June 2022



NELHA Water Quality Laboratory

Transect 2

July 2021 - June 2022



NELHA Water Quality Laboratory

Transect 2

July 2021 - June 2022

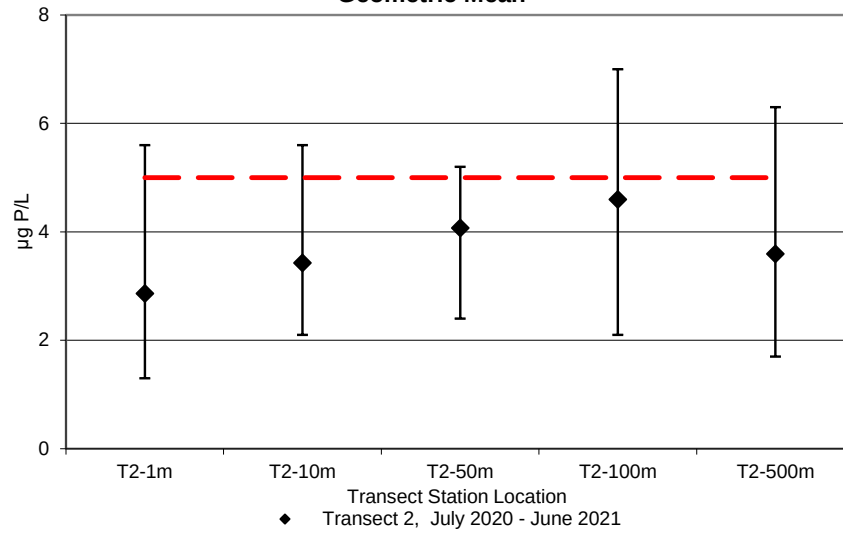
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft)	(cycle)	PO ₄ ³⁻ (μM)	(μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM)	(μg N/L)	NH ₄ ⁺ & NH ₃ (μM)	(μg N/L)	Si (μM)	(μg Si/L)	TDP (μM)	(μg P/L)	TDN (μM)	(μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T2-1m	9/22/20	1034	1.5	Ebb	0.12	3.7	0.41	5.7	0.59	8.3	2.0	56	0.33	10.1	6.34	89	0.04	35.33	26.4	8.17	5.27	0.19
T2-1m	12/15/20	1123	0.4	Low	0.18	5.6	0.89	12.4	0.39	5.5	3.1	86	0.30	9.2	6.67	93	0.08	35.74	26.8	8.13	6.98	0.21
T2-1m	3/9/21	1039	0.5	Flood	0.04	1.3	0.56	7.9	0.39	5.5	2.8	78	0.41	12.6	5.27	74	0.06	35.66	24.6	8.10	7.02	0.26
T2-1m	5/25/21	1112	0.5	Flood	0.08	2.5	0.81	11.3	0.41	5.8	1.5	43	0.16	5.1	6.51	91	0.11	35.67	25.6	8.07	7.19	0.12
Geomean FY '21					0.09	2.9	0.64	8.9	0.4	6.2			0.3	8.8	6.2	86	0.07					0.19
T2-10m	9/22/20	1039	1.5	Ebb	0.18	5.6	0.40	5.6	0.69	9.6	2.0	57	0.30	9.3	6.47	91	0.03	35.36	26.4	8.17	5.24	0.22
T2-10m	12/15/20	1127	0.4	Low	0.16	4.9	0.78	10.9	0.37	5.2	3.0	84	0.28	8.7	6.32	89	0.11	35.74	26.8	8.13	6.98	0.21
T2-10m	3/9/21	1045	0.5	Flood	0.08	2.4	0.54	7.5	0.19	2.7	2.2	60	0.36	11.2	5.01	70	0.08	35.70	24.6	8.10	6.92	0.22
T2-10m	5/25/21	1116	0.5	Flood	0.07	2.1	0.80	11.2	0.19	2.6	1.3	37	0.20	6.1	5.47	77	0.11	35.67	25.5	8.07	7.20	0.10
Geomean FY '21					0.11	3.4	0.60	8.5	0.3	4.3			0.3	8.6	5.8	81	0.07					0.18
T2-50m	9/22/20	1045	1.5	Ebb	0.16	4.9	0.15	2.1	0.55	7.7	1.4	38	0.33	10.2	5.70	80	0.02	35.42	26.4	8.18	5.11	0.21
T2-50m	12/15/20	1134	0.4	Low	0.15	4.5	0.59	8.2	0.28	3.9	2.5	71	0.29	9.0	6.03	84	0.09	35.72	26.8	8.12	6.84	0.20
T2-50m	3/9/21	1050	0.5	Flood	0.17	5.2	0.31	4.4	0.32	4.5	0.7	21	0.37	11.4	4.65	65	0.07	35.72	24.6	8.10	6.83	0.18
T2-50m	5/25/21	1127	0.5	Flood	0.08	2.4	0.90	12.6	0.24	3.4	3.9	109	0.21	6.6	5.48	77	0.09	35.63	25.7	8.05	6.90	0.11
Geomean FY '21					0.13	4.1	0.40	5.6	0.3	4.6			0.3	9.1	5.4	76	0.06					0.17
T2-100m	9/22/20	1050	1.5	Ebb	0.16	5.0	0.04	0.5	0.56	7.8	1.2	34	0.30	9.4	5.39	76	0.02	35.49	26.5	8.17	5.02	0.27
T2-100m	12/15/20	1139	0.4	Low	0.20	6.1	1.49	20.9	0.39	5.4	9.4	265	0.30	9.2	6.81	95	0.08	35.36	26.8	8.13	6.86	0.25
T2-100m	3/9/21	1056	0.5	Flood	0.23	7.0	0.19	2.6	0.21	3.0	0.1	2	0.44	13.5	4.04	57	0.06	35.72	24.7	8.11	6.79	0.16
T2-100m	5/25/21	1133	0.5	Flood	0.07	2.1	2.21	30.9	0.36	5.1	5.3	148	0.21	6.6	5.39	76	0.09	35.55	25.7	8.05	6.86	0.11
Geomean FY '21					0.15	4.6	0.38	5.4	0.4	5.0			0.3	9.4	5.3	74	0.05					0.19
T2-500m	9/22/20	1100	1.5	Ebb	0.15	4.6	0.01	0.2	0.64	8.9	1.5	43	0.38	11.8	5.00	70	0.02	35.56	26.3	8.17	5.04	0.28
T2-500m	12/15/20	1145	0.4	Low	0.11	3.4	0.09	1.2	0.27	3.8	0.3	7	0.29	9.1	4.85	68	0.04	35.77	26.6	8.12	6.60	0.24
T2-500m	3/9/21	1102	0.5	Flood	0.20	6.3	0.12	1.7	0.19	2.7	0.5	13	0.08	2.6	3.22	45	0.11	35.73	24.7	8.11	6.80	0.19
T2-500m	5/25/21	1141	0.5	Flood	0.05	1.7	0.53	7.4	0.05	0.7	3.9	108	0.21	6.5	5.04	71	0.11	35.64	25.6	8.05	6.73	0.13
Geomean FY '21					0.12	3.6	0.09	1.3	0.2	2.8			0.2	6.5	4.5	62	0.06					0.20

NELHA Water Quality Laboratory

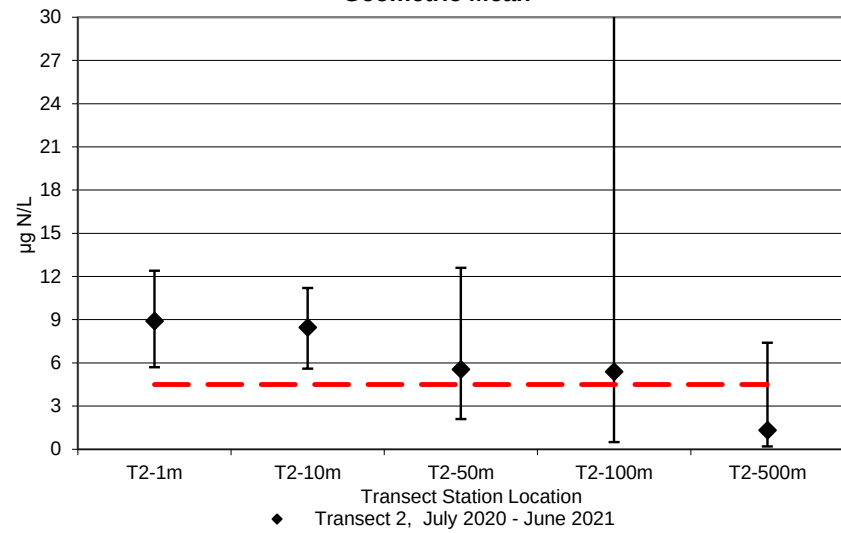
Transect 2

July 2021 - June 2022

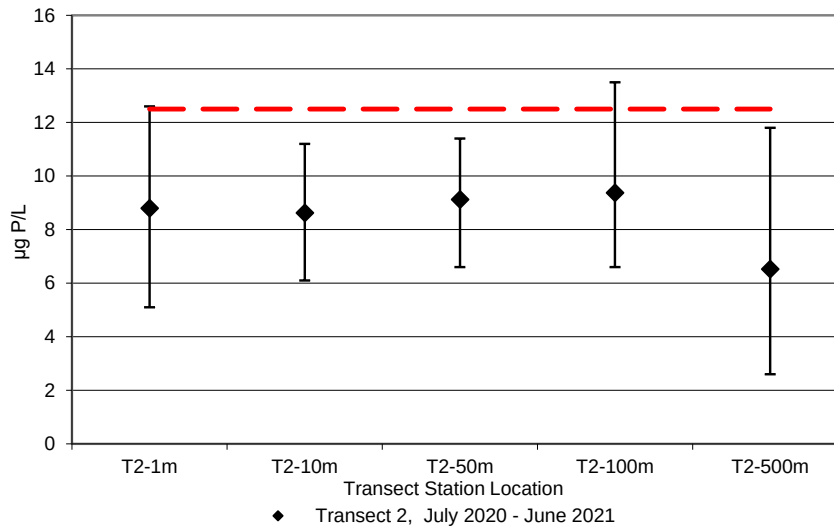
**Ortho-Phosphate
Geometric Mean**



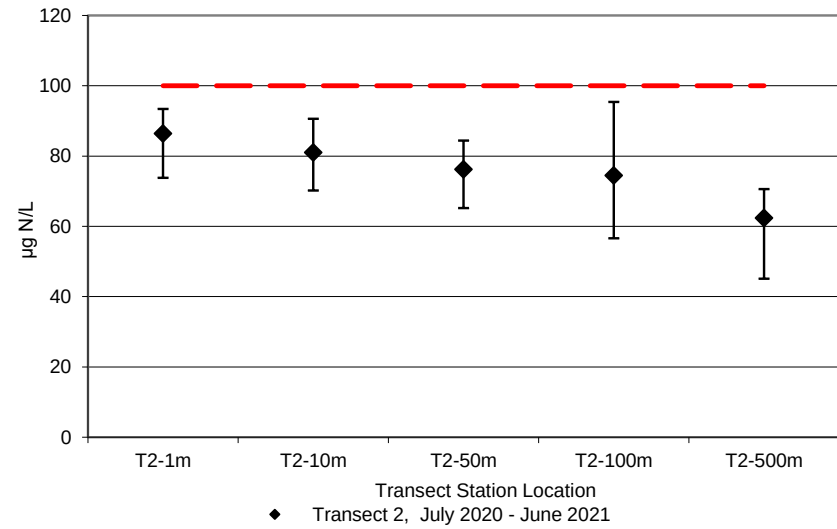
**Nitrate + Nitrite
Geometric Mean**



**Total Dissolved Phosphorous
Geometric Mean**



**Total Dissolved Nitrogen
Geometric Mean**

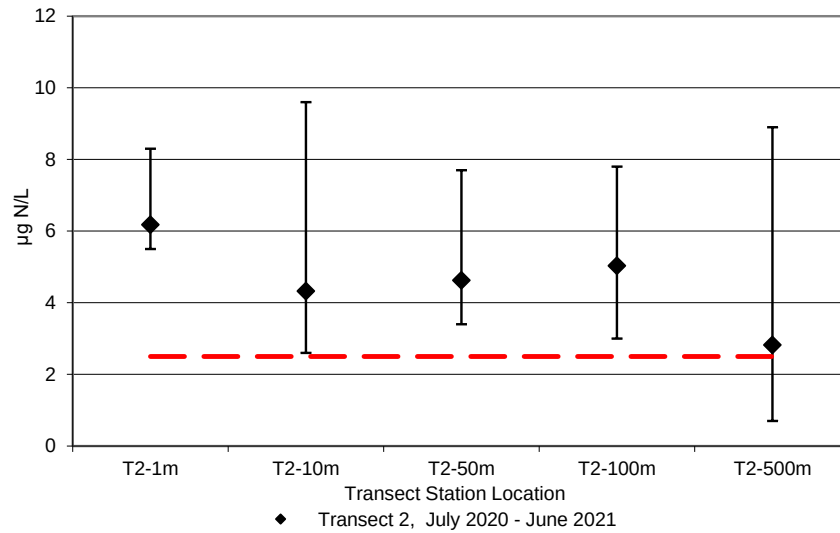


NELHA Water Quality Laboratory

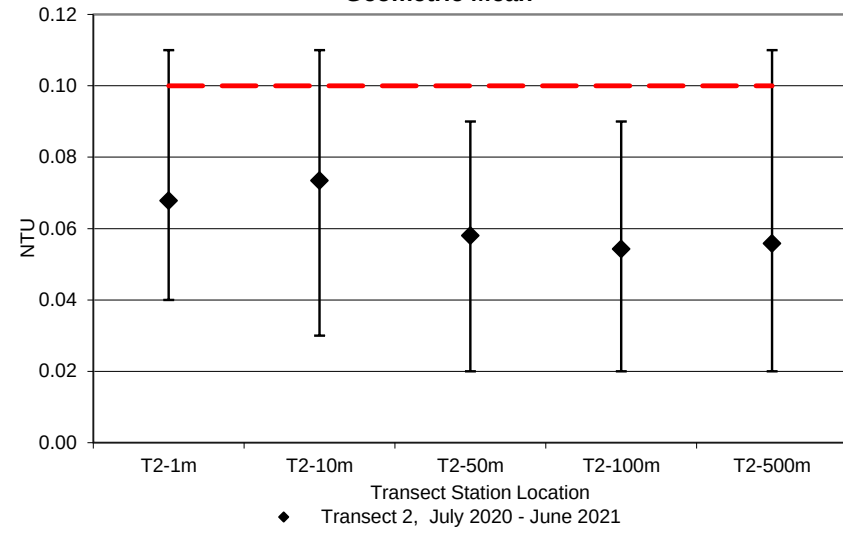
Transect 2

July 2021 - June 2022

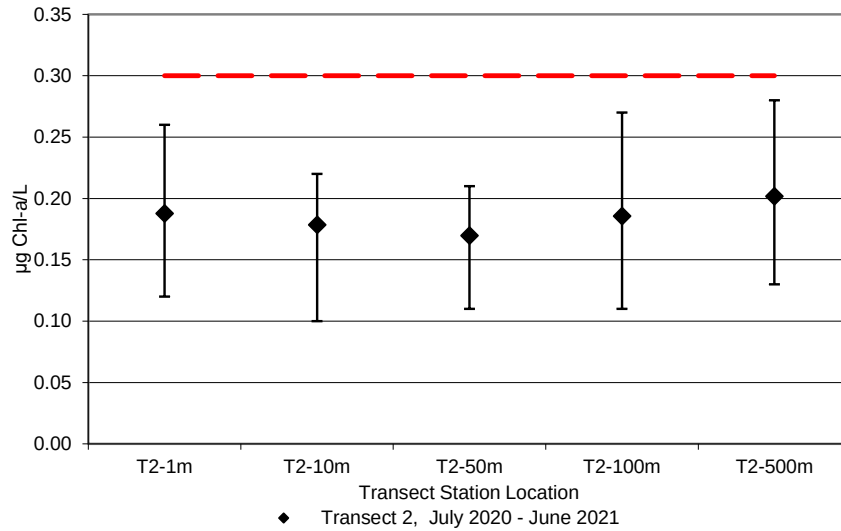
**Total Ammonia
Geometric Mean**



**Turbidity
Geometric Mean**



**Chlorophyll-a
Geometric Mean**



NELHA Water Quality Laboratory

Transect 2, Station 1

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Enteroc.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
O2-1S-8r 7/27/93	1008		0.07	2.2	0.04	0.6	0.24	3.4	2.3	65	0.29	9.0	7.7	108	0.29	8.98	1.43	0.06	34.472	26.7	8.26	6.95	0.07		
O2-1S-8r 12/7/93	932		0.08	2.5	0.20	2.8	0.18	2.5	4.3	120	0.25	7.7	5.3	74	0.25	7.74	1.10	0.08	34.765	25.7	8.24	6.98	0.12		
O2-1S-8r 3/16/94	929		0.17	5.3	0.37	5.2	0.20	2.8	6.6	185	0.31	9.7	3.5	49	0.31	9.60	1.19	0.08	34.408	24.5	8.25	7.23	0.15	<1	<1
O2-1S-8r 6/14/94	906		0.13	4.0	0.14	2.0	0.02	0.3	2.6	73	0.29	9.0	6.4	90	0.29	8.98	1.08	0.11	34.545	25.3	8.22	7.09	0.12	<1	<1
Geomear FY '94			3.3		2.0		1.6				8.8		77					0.08					0.11		
O2-1S-8r 9/15/94	1027		0.10	3.1	0.34	4.8	0.27	3.8	4.2	117	0.29	9.0	6.8	95	0.32	9.91	1.25	0.11	34.563	27.7	8.26	6.81	0.15	<1	<1
O2-1S-8r #####	827		0.17	5.3	0.70	9.8	0.52	7.3	7.2	202	0.29	9.0	5.5	77	0.37	11.46	1.02	0.07	34.430	25.9	8.22	6.76	0.05	<1	<1
O2-1S-8r 3/21/95	1024		0.19	5.9	0.22	3.1	0.12	1.7	3.9	108	0.34	10.5	7.0	98	0.34	10.53	1.11	0.09	34.196	25.1	8.24	7.31	0.09	<1	<1
O2-1S-8r 6/26/95	833		0.12	3.7	0.38	5.3	0.50	7.0	3.5	97	0.29	9.0	5.6	79	0.29	8.98	1.00	0.09	34.517	26.5	8.22	6.96	0.13	<1	<1
Geomear FY '95			4.3		5.3		4.2				9.3		87					0.09					0.10		
O2-1S-8r 9/25/95	1011		0.12	3.7	0.31	4.3	0.24	3.4	6.0	168	0.32	9.9	5.6	79	0.33	10.22	0.98	0.09	34.483	27.1	8.25	6.84	0.11	<1	<1
O2-1S-8r #####	1014		0.13	4.0	0.19	2.7	0.44	6.2	1.9	52	0.31	9.6	4.8	67	0.31	9.60	0.98	0.06	34.419	26.8	8.28	6.67	0.06	<1	<1
O2-1S-8r 3/11/96	1102		0.15	4.6	0.31	4.3	0.42	5.9	2.6	73	0.33	10.2	4.9	69	0.33	10.22	1.07	0.10	34.225	25.4	8.26	7.27	0.08	<1	<1
O2-1S-8r 5/13/96	1007		0.10	3.1	0.12	1.7	0.19	2.7	2.3	65	0.30	9.3	4.1	58	0.30	9.29	1.06	0.07	34.307	26.9	8.22	7.14	0.10	<1	<1
Geomear FY '96			3.8		3.0		4.2				9.8		68					0.08					0.09		
O2-1S-8r 7/30/96	920		0.12	3.7	1.32	18.5	0.29	4.1	5.1	142	0.27	8.4	5.1	72	0.27	8.36	1.03	0.13	34.396	27.9	8.22	6.52	0.09	1	<1
O2-1S-8r 10/1/96	1039		0.09	2.8	0.17	2.4	0.62	8.7	2.4	67	0.29	9.0	4.7	66	0.29	8.98	1.00	0.08	34.733	28.0	8.23	6.94	0.08	<1	<1
O2-1S-8r 1/6/97	1105		0.10	3.1	0.29	4.1	0.23	3.2	3.3	93	0.27	8.4	3.7	52	0.31	9.60	1.07	0.08	34.663	25.7	8.28	7.68	0.02	<1	<1
O2-1S-8r 4/21/97	1050		0.11	3.4	1.04	14.6	0.28	3.9	3.7	104	0.36	11.2	5.4	75	0.37	11.46	1.11	0.12	34.512	26.5	8.28	6.93	0.07	1	<1
Geomear FY '97			3.2		7.1		4.6				9.1		65					0.10					0.06		
O2-1S-8r 8/18/97	1048		0.11	3.4	0.63	8.8	0.23	3.2	4.8	134	0.33	10.2	5.1	71	0.34	10.53	1.08	0.12	34.586	26.8	8.41	6.68	0.11	<1	<1
O2-1S-8r 10/6/97	1108		0.10	3.1	0.48	6.7	0.43	6.0	5.1	142	0.37	11.5	4.9	69	0.37	11.46	1.03	0.11	34.697	27.6	8.48	6.93	0.15	1	<1
O2-1S-8r 3/3/98	1042		0.10	3.1	0.40	5.6	0.22	3.1	4.1	115	0.35	10.8	5.0	70	0.35	10.84	1.06	0.07	34.973	24.9	8.23	7.07	0.04	<1	<1
O2-1S-8r 5/4/98	1011		0.12	3.7	0.70	9.8	0.11	1.5	7.5	209	0.39	12.1	5.0	70	0.41	12.70	0.89	0.07	34.908	23.8	8.22	7.00	0.17	<1	<1
Geomear FY '98			3.3		7.6		3.1				11.1		70					0.09					0.10		
O2-1S-8r 7/6/98	1113		0.14	4.3	0.76	10.6	0.14	2.0	5.4	153	0.39	12.1	5.6	79	0.39	12.08	1.06	0.09	34.942	26.3	8.22	7.03	0.11	<1	<1
O2-1S-8r 10/5/98	1047		0.13	4.0	0.63	8.8	0.19	2.7	4.7	131	0.37	11.5	6.1	85	0.42	13.01	1.02	0.12	35.019	27.1	8.23	7.49	0.10	<1	<1
O2-1S-8r 1/13/99	1057		0.12	3.7	0.58	8.1	0.18	2.5	4.2	117	0.37	11.5	6.1	86	0.37	11.46	1.27	0.12	35.054	25.0	8.22	7.12	0.44	<1	<1
O2-1S-8r 4/12/99	1037		0.13	4.0	0.30	4.2	0.11	1.5	4.4	124	0.39	12.1	4.8	67	0.39	12.08	1.01	0.08	34.655	24.2	8.23	7.40	0.15	<1	<1
Geomear FY '99			4.0		7.5		2.1				11.8		79					0.10					0.16		

NELHA Water Quality Laboratory

Transect 2, Station 1

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Enteroc.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
																		0.10					0.30		
DOH LIMIT			5		4.5		2.5				12.5		100												
O2-1S-8rr 7/6/99 1055			0.11	3.4	0.07	1.0	0.10	1.4	2.9	82	0.36	11.2	5.4	76	0.36	11.15	1.05	0.09	34.948	25.7	8.22	7.07	0.16	1	<1
O2-1S-8rr 10/4/99 1135			0.14	4.3	0.19	2.7	0.15	2.1	5.3	148	0.40	12.4	4.5	63	0.41	12.70	1.02	0.12	34.942	26.0	8.27	7.00	0.10	<1	<1
O2-1S-8rr 1/4/00 1114			0.12	3.7	0.60	8.4	0.42	5.9	12.9	361	0.32	9.9	5.9	83	0.32	9.91	0.96	0.10	35.084	24.8	8.23	7.00	0.05	<1	<1
O2-1S-8rr 4/17/00 1102			0.15	4.6	0.36	5.0	0.08	1.1	4.3	122	0.37	11.5	5.9	82	0.36	11.15	1.04	0.11	34.609	24.3	8.27	n/a	0.05	<1	<1
Geomear FY '00			4.0		3.2		2.1				11.2		76					0.10					0.08		
O2-1S-8rr 7/24/00 1119			0.11	3.4	0.31	4.3	0.06	0.8	3.3	92	0.33	10.2	5.4	76	0.34	10.53	1.03	0.08	34.888	27.3	8.27	8.54	0.15	<1	<1
O2-1S-8rr ##### 1138			0.14	4.3	0.39	5.5	0.31	4.3	18.3	515	0.35	10.8	5.2	73	0.36	11.15	1.07	0.09	34.927	27.1	8.26	6.80	0.10	<1	<1
O2-1S-8rr 2/26/01 1127			0.16	5.0	0.59	8.3	0.20	2.8	7.0	195	0.37	11.5	6.1	85	0.37	11.46	1.08	0.11	34.652	24.9	8.22	6.80	0.06	<1	<1
O2-1S-8rr 5/7/01 1129			0.14	4.3	0.72	10.1	0.36	5.0	4.5	127	0.38	11.8	6.1	85	0.40	12.39	1.13	0.08	34.808	24.7	8.21	7.23	0.15	<1	<1
Geomear FY '01			4.2		6.7		2.7				11.1		80					0.09					0.11		
O2-1S-8rr 8/21/01 1029			0.15	4.6	0.37	5.2	0.03	0.4	3.0	83	0.38	11.8	5.2	73	0.39	12.08	1.06	0.10	34.795	26.7	8.22	6.90	0.13	<1	<1
O2-1S-8rr 10/8/01 1049			0.18	5.6	0.19	2.7	0.08	1.1	2.4	67	0.35	10.8	5.3	75	0.35	10.84	1.03	0.07	34.949	27.3	8.24	7.02	0.15	<1	<1
O2-1S-8rr 3/5/02 1000			0.16	5.0	0.33	4.6	0.09	1.3	7.1	198	0.37	11.5	5.8	81	0.39	12.08	0.99	0.07	34.686	24.2	8.22	6.85	0.13	<1	<1
O2-1S-8rr 4/17/02 1010			0.17	5.3	0.36	5.0	0.27	3.8	5.0	140	0.41	12.7	6.1	85	0.43	13.32	0.95	0.08	34.455	25.6	8.18	6.54	0.14	<1	<1
Geomear FY '02			5.1		4.2		1.2				11.7		78					0.08					0.14		
O2-1S-8rr 7/8/02 1125			0.20	6.2	0.35	4.9	0.17	2.4	4.2	119	0.44	13.6	5.9	83	0.44	13.63	1.02	0.11	34.629	26.7	8.24	7.05	0.20	<1	<1
O2-1S-8rr 10/9/02 1000			0.09	2.8	0.47	6.6	0.11	1.5	3.7	103	0.31	9.6	6.3	88	0.32	9.91	0.95	0.08	34.903	27.1	8.26	8.13	0.12	1	1
O2-1S-8rr 3/12/03 1125			0.12	3.7	0.13	1.8	0.03	0.4	6.6	186	0.34	10.5	8.1	113	0.39	12.08	1.09	0.10	34.774	25.1	8.28	7.37	0.16	<1	<1
O2-1S-8rr 4/22/03 1124			0.12	3.7	1.09	15.3	0.03	0.4	4.5	126	0.36	11.2	5.6	78	0.37	11.46	0.99	0.11	34.948	25.3	8.26	7.36	0.15	<1	<1
Geomear FY '03			3.9		5.5		0.9				11.1		89					0.10					0.15		
O2-1S-8rr 8/18/03 1135			0.10	3.1	0.18	2.5	0.25	3.5	3.5	98	0.36	11.2	6.4	90	0.37	11.46	n/a	0.06	34.821	28.2	8.24	6.83	0.12	<1	<1
O2-1S-8rr ##### 1158			0.10	3.1	0.07	1.0	0.10	1.4	12.3	345	0.38	11.8	5.7	80	0.38	11.77	n/a	0.12	34.811	27.6	8.25	n/a	0.14	<1	<1
O2-1S-8rr 3/11/04 1027			0.17	5.3	0.32	4.5	0.04	0.6	5.6	156	0.42	13.0	5.8	81	0.44	13.63	n/a	n/a	34.344	25.8	8.28	6.48	0.17	<1	<1
O2-1S-8rr 5/20/04 1021			0.12	3.7	0.15	2.1	0.22	3.1	3.3	92	0.37	11.5	5.7	80	0.38	11.77	n/a	n/a	33.48	26.8	8.25	6.98	0.01	<1	<1
Geomear FY '04			3.7		2.2		1.7				11.8		82					0.08					0.07		
O2-1S-8rr 9/20/04 1010			0.10	3.1	0.08	1.1	0.26	3.6	1.5	43	0.34	10.5	5.9	82	0.34	10.53	n/a	0.10	33.76	27.8	8.25	6.82	0.10	1	<1
O2-1S-8rr ##### 942			0.08	2.5	0.25	3.5	0.19	2.7	2.1	60	0.36	11.2	5.5	77	0.36	11.15	n/a	0.08	33.57	26.9	8.28	6.77	0.13	<1	<1
O2-1S-8rr 1/13/05 1105			0.07	2.2	0.26	3.6	0.11	1.5	2.9	82	0.28	8.7	5.4	75	0.28	8.67	n/a	0.11	34.831	25.9	8.34	7.06	0.09	<1	<1
O2-1S-8rr 4/11/05 1104			0.16	5.0	0.71	9.9	0.30	4.2	7.8	219	0.41	12.7	5.6	79	0.42	13.01	n/a	0.10	34.481	25.3	8.32	7.21	0.07	<1	<1
Geomear FY '05			3.0		3.5		2.8				10.7		78					0.10					0.10		

NELHA Water Quality Laboratory

Transect 2, Station 1

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SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
O2-1S-8r	7/20/05	1054	0.19	5.9	0.40	5.6	0.16	2.2	3.7	103	0.39	12.1	4.4	61	0.39	12.08	n/a	0.08	34.669	26.5	8.25	6.61	0.02	<1	<1
O2-1S-8r	#####	940	0.06	1.9	0.03	0.4	0.14	2.0	2.3	65	0.32	9.9	2.7	37	0.35	10.84	1.02	0.16	34.919	26.5	8.28	6.72	0.11	<1	<1
O2-1S-8r	3/13/06	1051	0.12	3.7	0.09	1.3	0.41	5.7	2.7	76	0.35	10.8	4.0	55	0.39	12.08	n/a	0.13	34.782	24.6	8.28	7.59	0.10	<1	<1
O2-1S-8r	5/15/06	1019	0.28	8.7	0.95	13.3	0.13	1.8	6.5	184	0.55	17.0	6.6	93	0.55	17.04	1.14	0.14	34.615	25.0	8.26	6.97	0.72	<1	1
Geomear FY '06			4.3		2.5		2.6				12.2		59					0.12					0.11		
O2-1S-8r	8/14/06	1018	0.21	6.5	0.49	6.9	0.33	4.6	3.3	92	0.47	14.6	6.3	88	0.48	14.87	1.14	0.12	34.614	26.6	8.26	7.22	0.11	<1	<1
O2-1S-8r	11/1/06	1024	0.10	3.1	0.23	3.2	0.43	6.0	2.6	72	0.31	9.6	5.5	77	0.32	9.91	1.12	0.13	34.820	27.0	8.25	6.70	0.16	<1	<1
O2-1S-8r	2/12/07	1045	0.17	5.3	0.58	8.1	0.51	7.1	5.6	158	0.38	11.8	6.0	84	0.38	11.77	1.09	0.70	34.490	24.5	8.23	7.01	0.16	<1	<1
O2-1S-8r	4/9/07	1016	0.14	4.3	0.23	3.2	0.29	4.1	3.6	102	0.35	10.8	5.4	75	0.48	14.87	0.95	0.53	34.697	25.1	8.22	7.09	0.02	<1	<1
Geomear FY '07			4.6		4.9		5.3				11.6		81					0.28					0.09		
T2-1m	9/26/07	943	0.16	4.9	0.35	4.9	0.41	5.8	14.0	392	0.37	11.5	5.2	73				0.08	34.939	26.8	8.15	6.38	0.08		
T2-1m	#####	1121	0.11	3.4	0.39	5.5			13.0	365	0.38	11.7	6.9	96				0.18	34.685	25.7	8.24	6.61	0.25		
T2-1m	3/10/08	1010	0.16	4.9	0.37	5.2	0.06	0.8	5.2	147	0.36	11.2	8.4	117				0.41	34.9	24.9	8.19	6.58	0.19		
T2-1m	6/5/08	1015	0.11	3.5	0.64	9.0	0.16	2.2	20.2	567	0.25	7.8	7.8	109				0.08	34.783	25.1	8.09	6.83	0.27		
Geomear FY '08			4.1		6.0		2.2				10.4		97					0.15					0.18		
T2-1m	9/22/08	1108	0.05	1.7	0.04	0.6	0.15	2.1	2.0	57	0.26	8.2	5.9	82				0.06	34.811	26.7	8.02	6.38	0.07		
T2-1m	#####	950	0.14	4.2	0.21	3	0.14	1.9	2.5	71	0.26	8.2	5.4	76				0.19	34.964	25.7	8.24	6.11	0.02		
T2-1m	2/9/09	948	0.09	2.8	0.60	8.4	0.12	1.7	3.5	100	0.11	3.5	5.1	72				0.14	35.066	24.8	8.08	6.09	0.03		
T2-1m	4/13/09	942	0.43	13.3	1.92	26.9	0.47	6.6	5.3	148	0.50	15.4	6.9	96				0.10	34.868	24.0	8.18	6.18	0.14		
Geomear FY '09			4.0		4.5		2.6				7.8		81					0.11					0.05		
T2-1m	9/9/09	947	0.15	4.6	0.49	6.8	0.30	4.2	6.7	189	0.52	16.2	5.8	81				0.07	35.15	26.9	8.21	5.60	0.21		
T2-1m	#####	1003	0.03	0.8	0.16	2.3	0.03	0.4	23.8	669	0.27	8.4	5.0	70				0.07	35.20	25.3	8.27	6.40	0.15		
T2-1m	2/23/10	1012	0.16	5.1	0.29	4.1	0.43	6	16.3	458	0.31	9.6	4.7	66				0.07	35.06	24.6	8.18	6.49	0.37		
T2-1m	5/25/10	1026	0.05	1.5	0.31	4.3	0.19	2.6	3.7	105	0.25	7.6	5.7	80				0.11	34.95	25.1	8.23	7.00	0.08		
Geomear FY '10			2.3		4.1		2.3				10.0		74					0.08					0.17		
T2-1m	8/10/10	1005	0.08	2.5	1.38	19.3	0.16	2.2	10.8	304	0.52	16.2	5.8	81				0.06	34.81	25.95	8.22	6.67	0.06		
T2-1m	11/8/10	952	0.03	0.9	0.44	6.2	0.24	3.3	2.6	72	0.36	11.2	4.7	65				0.10	35.25	26.40	8.25	6.42	0.06		
T2-1m	1/11/11	1009	0.14	4.2	0.25	3.5	0.08	1.1	2.8	79	0.44	13.5	3.9	55				0.08	34.96	24.95	8.24	6.61	0.13		
T2-1m	4/26/11	1009	0.11	3.4	0.44	6.2	0.10	1.4	9.1	256	0.44	13.7	5.1	72				0.10	34.97	24.99	8.21	6.53	0.14		
Geomear FY '11			2.4		7.1		1.8				13.5		67					0.08					0.09		

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Transect 2, Station 1

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	ecal Colifor	Enterococci
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 m	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
T2-1m	7/26/11	1032	0.18	5.6	0.49	6.9	0.14	1.9	3.5	98	0.51	15.8	6.3	88				0.06	34.81	25.93	8.25	6.66	0.09		
T2-1m	#####	957	0.02	0.7	0.29	4	0.29	4.1	3.1	88	0.31	9.5	6.4	89				0.09	35.06	26.58	8.22	6.93	0.12		
T2-1m	1/25/12	1023	0.10	3	0.39	5.4	0.17	2.4	4.3	121	0.45	14	7.6	106				0.08	34.98	24.66	8.20	6.96	0.10		
T2-1m	4/24/12	1049	0.15	4.6	0.81	11.4	0.24	3.3	4.0	113	0.42	13	5.8	82				0.07	35.09	24.70	8.21	6.86	0.10		
Geomear FY '12			2.7		6.4		2.8				12.9		91					0.07					0.10		
T2-1m	7/24/12	1010	0.02	0.6	0.36	5	0.27	3.8	2.3	64	0.39	12.2	6.8	95				0.12	35.07	26.31	8.23	6.83	0.12		
T2-1m	#####	959	0.11	3.3	0.97	13.6	0.40	5.6	7.2	203	0.48	14.9	6.1	85				0.06	35.05	25.05	8.21	6.89	0.35		
T2-1m	1/23/13	1005	0.08	2.5	0.38	5.3	0.26	3.6	1.9	54	0.49	15.1	7.3	102				0.09	35.12	24.67	8.21	6.52	0.16		
T2-1m	4/16/13	1013	0.15	4.5	0.34	4.7	0.11	1.6	0.9	26	0.50	15.4	6.3	89				0.07	35.14	24.94	8.22	6.95	0.06		
Geomear FY '13			2.2		6.4		3.3				14.3		92					0.08					0.14		
T2-1m	8/1/13	921	0.07	2.2	0.36	5.1	0.09	1.3	3.8	106	0.51	15.8	9.1	128				0.06	35.22	26.1	8.24	6.95	0.19		
T2-1m	#####	954	0.15	4.6	0.57	8.0	0.26	3.7	2.6	74	0.45	13.8	6.5	92				0.05	35.27	27.0	8.20	6.50	0.26		
T2-1m	2/4/14	959	0.11	3.4	0.39	5.4	0.45	6.3	5.8	162	0.42	12.9	6.5	91				0.02	34.94	25.2	8.22	6.53	0.20		
T2-1m	5/6/14	1000	0.13	4.1	0.56	7.8	0.74	10.3	2.9	83	0.46	14.4	6.7	94				0.06	34.77	25.9	8.22	6.29	0.16		
Geomear FY '14			3.4		6.4		4.2				14.2		100					0.04					0.20		
T2-1m	8/5/14	1007	0.20	6.3	0.41	5.8	0.51	7.2	2.1	59	0.50	15.4	6.5	91				0.13	34.94	26.8	8.22	5.99	0.11		
T2-1m	#####	1144	0.20	6.3	0.44	6.2	0.53	7.4	0.9	25	0.48	14.9	8.0	113				0.10	34.96	27.1	8.21	7.22	0.15		
T2-1m	3/3/15	1002	0.01	0.3	0.49	6.9	0.10	1.4	1.8	50	0.03	1.0	7.0	99				0.09	34.83	25.5	8.16	7.05	0.15		
T2-1m	6/16/15	1115	0.15	4.6	1.14	16.0	0.32	4.5	3.9	110	0.50	15.4	6.9	97				0.08	34.18	26.5	8.21	6.35	0.20		
Geomear FY '15			2.7		7.9		4.3				7.7		99					0.10					0.15		
T2-1m	8/26/15	1100	0.08	2.5	0.31	4.4	0.24	3.4	4.4	122	0.16	5.0	5.2	73				0.04	34.51	28.4	8.23	6.33	0.25		
T2-1m	#####	1013	0.16	5.0	0.51	7.2	0.04	0.6	3.4	95	0.51	15.7	6.2	86				0.08	33.96	27.4	8.22	6.33	0.15		
T2-1m	3/1/16	1017	0.15	4.5	0.26	3.6	0.29	4.1	0.4	10	0.47	14.5	5.4	76				0.07	34.72	25.4	8.24	6.04	0.12		
T2-1m	5/3/16	948	0.14	4.4	0.54	7.5	0.20	2.8	1.4	39	0.43	13.3	5.5	77				0.06	34.66	25.6	8.25	6.43	0.18		
Geomear FY '16			4.0		5.4		2.2				11.1		78					0.06					0.17		
T2-1m	7/6/16	1040	0.13	4.0	0.11	1.6	0.45	6.3	1.8	52	0.24	7.5	4.9	69				0.09	34.53	26.9	8.26	6.53	0.20		
T2-1m	#####	1027	0.05	1.7	0.22	3.1	0.23	3.2	1.6	45	0.36	11.1	4.1	58				0.05	34.71	25.6	8.27	5.77	0.24		
T2-1m	2/28/17	924	0.01	0.4	0.24	3.3	0.01	0.1	0.7	19	0.30	9.2	3.0	43				0.10	34.66	24.7	8.21	5.98	0.13		
T2-1m	5/10/17	924	0.02	0.6	0.58	8.1	0.26	3.6	2.2	60	0.25	7.8	4.5	63				0.13	34.70	25.7	8.20	4.32	0.10		
Geomear FY '17			1.1		3.4		1.6				8.8		57					0.09					0.16		

NELHA Water Quality Laboratory

Transect 2, Station 1

7/27/1993 - 7/10/2025

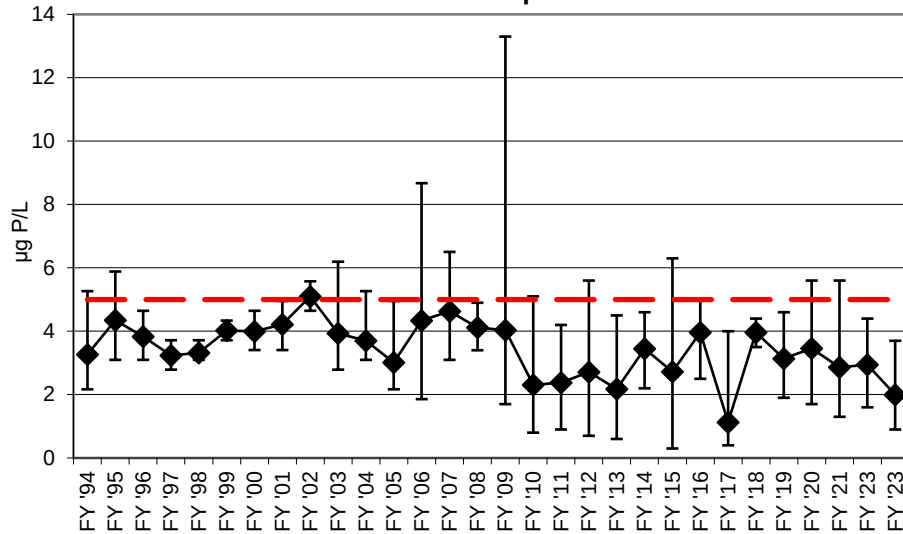
SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TP		TOC	Turbidity	Salinity	Temp.	pH	DO	Chl a	Fecal Coli.	Entero.
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg P/L)	(mgC/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)	Bact/100 ml	Bact/100 ml
DOH LIMIT			5		4.5		2.5				12.5		100					0.10					0.30		
T2-1m	9/27/17	1012	0.14	4.4	0.31	4.4	0.29	4.0	1.1	31	0.46	14.1	4.4	62				0.09	34.79	27.8	8.20	4.45	0.26		
T2-1m	#####	1108	0.13	4.1	0.69	9.6	0.36	5.1	2.4	69	0.43	13.3	14.6	204				0.11	35.04	26.1	8.22	5.01	0.24		
T2-1m	1/30/18	1048	0.13	3.9	0.60	8.4	0.19	2.7	3.3	93	0.38	11.9	3.5	50				0.09	34.84	24.6	8.17	5.58	0.13		
T2-1m	5/16/18	1046	0.11	3.5	0.84	11.7	0.19	2.7	4.4	122	0.40	12.5	3.5	49				0.03	34.63	25.6	8.17	6.30	0.14		
Geomear FY '18			4.0		8.0		3.5				12.9		74					0.07					0.18		
T2-1m	9/24/18	1016	0.06	1.9	0.25	3.5	0.31	4.3	1.6	44	0.47	14.5	4.0	56				0.10	34.71	27.7	8.18	5.35	0.13		
T2-1m	#####	1052	0.08	2.5	0.87	12.2	0.46	6.4	1.3	37	0.39	12.2	5.1	71				0.11	34.97	27.3	8.23	4.80	0.26		
T2-1m	1/22/19	1039	0.15	4.6	0.62	8.7	0.10	1.4	2.9	80	0.43	13.4	3.3	47				0.08	34.92	24.9	8.22	5.90	0.29		
T2-1m	4/16/19	1039	0.14	4.4	0.30	4.2	0.40	5.6	2.0	55	0.40	12.5	3.0	41				0.08	35.61	25.8	8.15	7.60	0.16		
Geomear FY '19			3.1		6.3		3.8				13.1		53					0.09					0.20		
T2-1m	8/13/19	1014	0.05	1.7	0.16	2.3	0.40	5.6	2.8	79	0.32	10.0	2.6	37				0.11	35.47	28.3	8.21	6.87	0.17		
T2-1m	#####	1031	0.12	3.6	0.21	3.0	1.21	17.0	0.6	17	0.47	14.6	2.8	39				0.12	35.36	27.5	8.19	7.03	0.20		
T2-1m	1/22/20	1009	0.18	5.6	0.42	5.9	0.09	1.3	2.7	76	0.47	14.7	3.8	54				0.09	34.92	25.0	8.23	7.00	0.13		
T2-1m	6/24/20	1040	0.14	4.2	0.83	11.6	0.21	2.9	3.9	109	0.34	10.4	3.9	54				0.08	35.24	25.9	8.17	6.98	0.30		
Geomear FY '20			3.5		4.6		4.3				12.2		45					0.10					0.19		
T2-1m	9/22/20	1034	0.12	3.7	0.41	5.7	0.59	8.3	2.0	56	0.33	10.1	6.3	89				0.04	35.33	26.4	8.17	5.27	0.19		
T2-1m	#####	1123	0.18	5.6	0.89	12.4	0.39	5.5	3.1	86	0.30	9.2	6.7	93				0.08	35.74	26.8	8.13	6.98	0.21		
T2-1m	3/9/21	1039	0.04	1.3	0.56	7.9	0.39	5.5	2.8	78	0.41	12.6	5.3	74				0.06	35.66	24.6	8.10	7.02	0.26		
T2-1m	5/25/21	1112	0.08	2.5	0.81	11.3	0.41	5.8	1.5	43	0.16	5.1	6.5	91				0.11	35.67	25.6	8.07	7.19	0.12		
Geomear FY '21			2.9		8.9		6.2				8.8		86					0.07					0.19		
T2-1m	9/24/21	900	0.05	1.6	0.44	6.1	0.27	3.8	0.5	14	0.20	6.3	5.0	70				0.11	35.56	26.6	8.01	6.82	0.18		
T2-1m	#####	959	0.09	2.8	0.34	4.7	0.20	2.8	1.2	34	0.27	8.3	5.2	73				0.06	35.08	25.9	8.14	7.07	0.16		
T2-1m	3/15/22	936	0.14	4.4	0.76	10.6	0.17	2.4	2.5	70	0.33	10.3	5.2	73				0.08	34.84	25.4	8.11	7.13	0.20		
T2-1m	6/8/22	940	0.12	3.8	0.41	5.7	0.60	8.4	2.1	58	0.27	8.5	5.3	75				0.12	34.47	26.2	8.06	6.85	0.36		
Geomear FY '22			2.9		6.5		3.8				8.2		73					0.09					0.21		
T2-1m	9/21/22	920	0.06	1.9	0.51	7.2	0.11	1.5	1.1	32	0.20	6.3	5.3	74				0.13	34.90	26.9	8.12	6.87	0.26		
T2-1m	#####	955	0.08	2.5	0.21	3.0	0.12	1.7	0.2	6	0.11	3.4	5.2	72				0.07	34.99	25.7	8.15	7.13	0.30		
T2-1m	3/15/23	1008	0.12	3.7	0.66	9.3	0.18	2.5	2.5	70	0.23	7.2	5.2	72				0.14	34.69	24.4	8.10	7.10	0.28		
T2-1m	5/31/23	940	0.03	0.9	0.63	8.8	0.09	1.3	1.8	49	0.22	6.7	5.2	73				0.12	34.70	25.7	8.07	6.94	0.18		
Geomear FY '23			2.0		6.5		1.7				5.7		73					0.11					0.25		

NELHA Water Quality Laboratory

Transect 2, Station 1

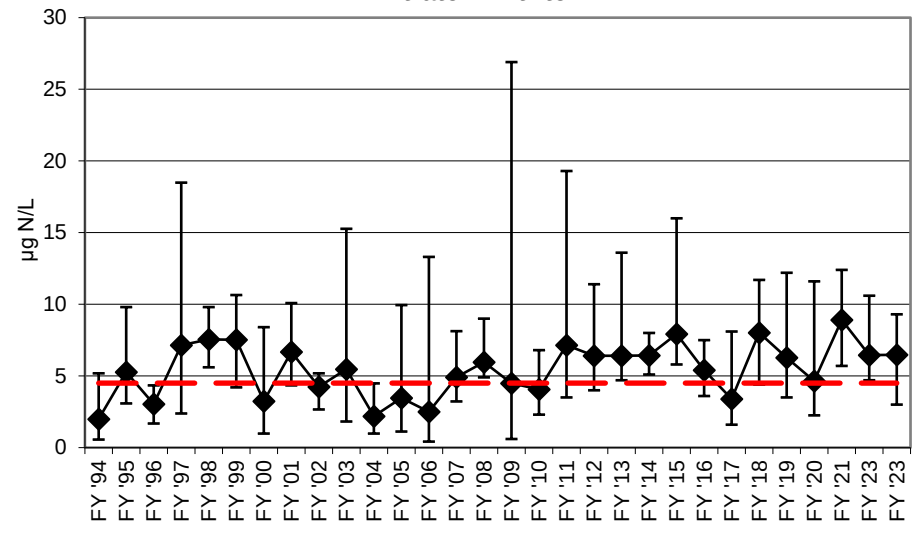
7/27/1993 - 7/10/2025

**Yearly Geometric Mean
Ortho-Phosphate**



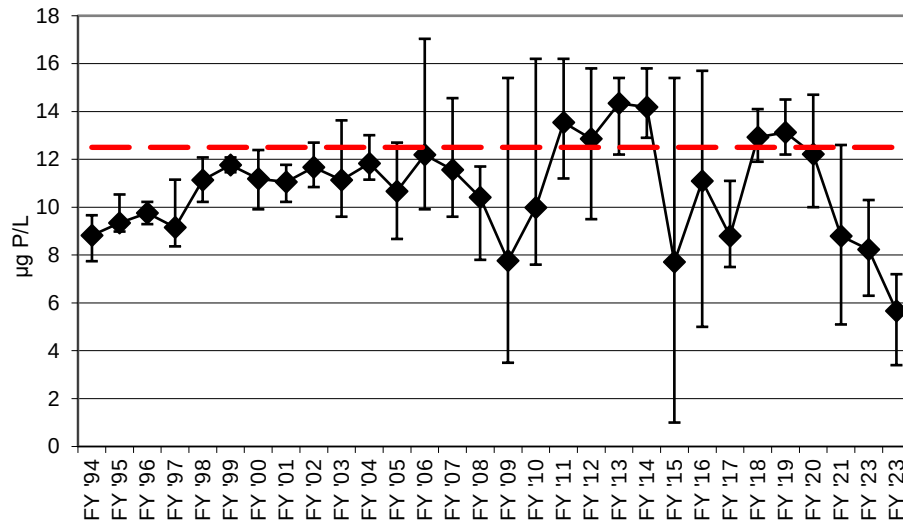
◆ Transect 2, Station 1 - - - 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Nitrate + Nitrite**



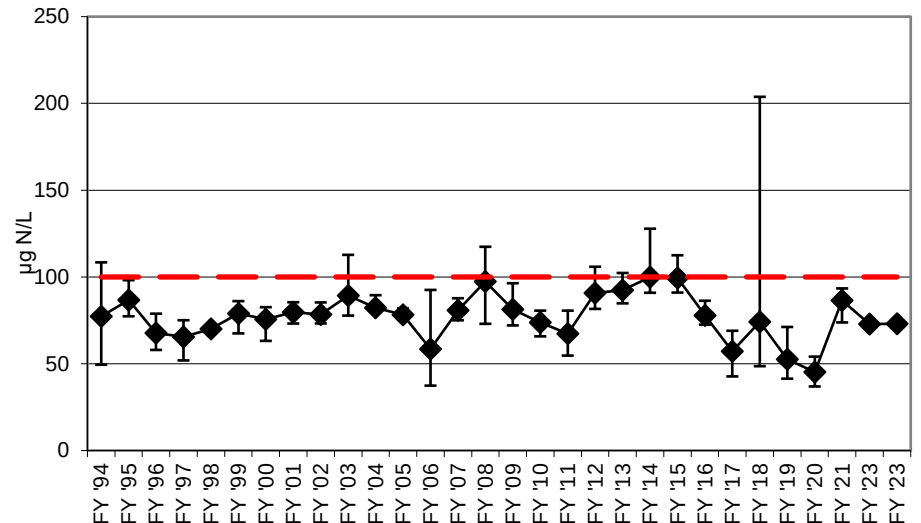
◆ Transect 2, Station 1 - - - 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Total Dissolved Phosphorous**



◆ Transect 2, Station 1 - - - 2014 HDOH Class AA Water Quality Standard

**Yearly Geometric Mean
Total Dissolved Nitrogen**



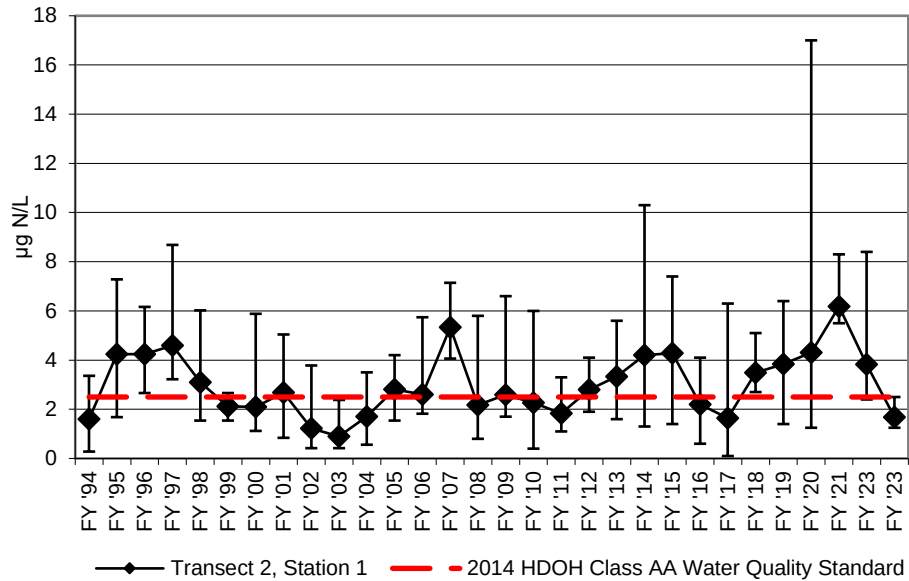
◆ Transect 2, Station 1 - - - 2014 HDOH Class AA Water Quality Standard

NELHA Water Quality Laboratory

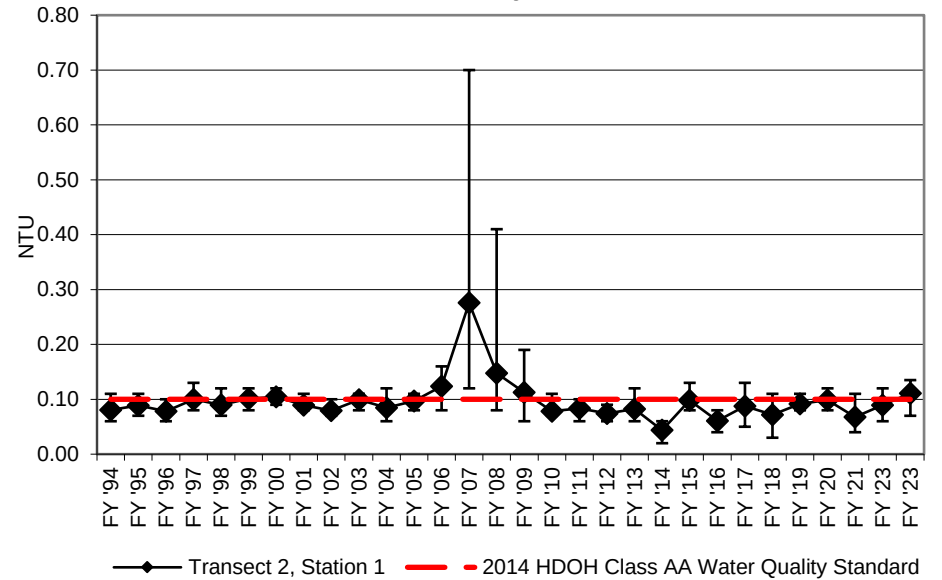
Transect 2, Station 1

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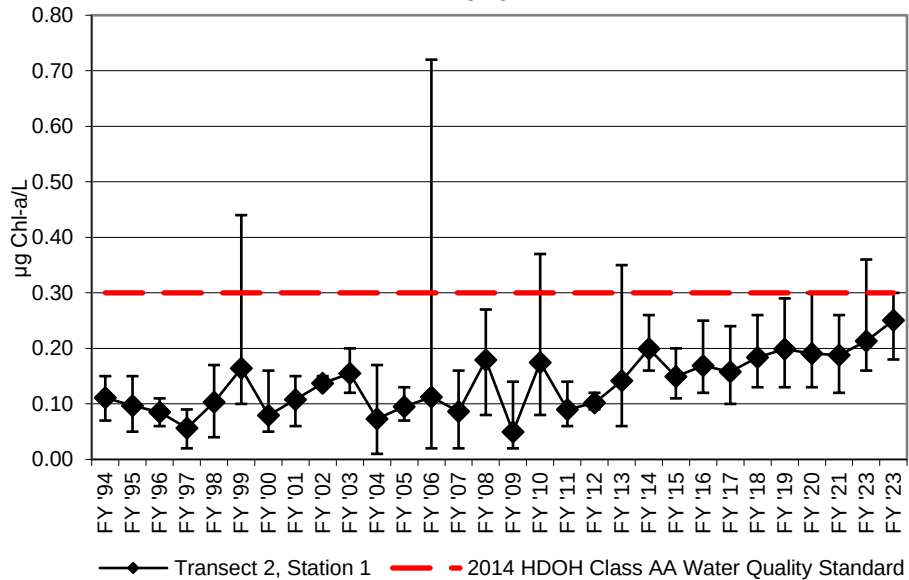
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 2, Station 2

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-2S-23rr	7/27/93	1003	0.12	3.7	0.09	1.3	0.34	4.8	2.8	78					0.08	34.462	26.7			
O2-2S-23rr	12/7/93	923	0.08	2.5	0.21	2.9	0.18	2.5	4.1	114					0.08	34.770	25.7			
O2-2S-23rr	3/16/94	922	0.16	5.0	0.17	2.4	4.85	67.9	2.8	78					0.09	34.464	24.5			
O2-2S-23rr	6/14/94	859	0.13	4.0	0.13	1.8	0.04	0.6	7.5	211					0.13	34.568	25.3			
Geomean FY '94			3.7		2.0		4.6								0.09					
O2-2S-23rr	9/8/94	1024	0.10	3.1	0.29	4.1	0.22	3.1	3.7	104					0.14	34.573	27.6			
O2-2S-23rr	11/16/94	818	0.18	5.6	0.63	8.8	0.50	7.0	6.3	176					0.07	34.449	26.0			
O2-2S-23rr	3/21/95	1016	0.20	6.2	0.20	2.8	0.18	2.5	3.8	105					0.14	34.204	25.0			
O2-2S-23rr	6/26/95	827	0.13	4.0	0.46	6.4	0.48	6.7	4.0	111					0.06	34.499	26.5			
Geomean FY '95			4.6		5.0		4.4								0.10					
O2-2S-23rr	9/25/95	1025	0.14	4.3	0.28	3.9	0.24	3.4	5.0	139					0.13	34.484	27.2			
O2-2S-23rr	11/13/95	1006	0.11	3.4	0.18	2.5	0.40	5.6	1.7	48					0.05	34.416	26.9			
O2-2S-23rr	3/11/96	1055	0.13	4.0	0.22	3.1	0.43	6.0	2.3	66					0.07	34.264	25.5			
O2-2S-23rr	5/13/96	1002	0.10	3.1	0.08	1.1	0.19	2.7	2.3	65					0.07	34.308	27.0			
Geomean FY '96			3.7		2.4		4.2								0.08					
O2-2S-23rr	7/30/96	945	0.12	3.7	1.60	22.4	0.31	4.3	5.5	154					0.11	34.366	27.9			
O2-2S-23rr	10/1/96	1032	0.08	2.5	0.14	2.0	0.59	8.3	2.1	59					0.08	34.742	27.9			
O2-2S-23rr	1/6/97	1101	0.10	3.1	0.22	3.1	0.23	3.2	3.1	86					0.11	34.675	25.7			
O2-2S-23rr	4/21/97	1045	0.10	3.1	0.75	10.5	0.25	3.5	4.1	114					0.10	34.529	26.4			
Geomean FY '97			3.1		6.1		4.5								0.10					
O2-2S-23rr	8/18/97	1038	0.11	3.4	0.50	7.0	0.22	3.1	6.4	178					0.12	34.553	26.7			
O2-2S-23rr	10/6/97	1102	0.09	2.8	0.21	2.9	0.38	5.3	5.0	140					0.09	34.719	27.5			
O2-2S-23rr	3/3/98	1036	0.10	3.1	0.32	4.5	0.22	3.1	4.4	125					0.12	34.983	24.9			
O2-2S-23rr	5/4/98	1006	0.12	3.7	0.63	8.8	0.07	1.0	6.9	194					0.07	34.929	23.8			
Geomean FY '98			3.2		5.3		2.7								0.10					
O2-2S-23rr	7/6/98	1105	0.38	11.8	0.92	12.9	0.25	3.5	15.3	429					0.13	34.935	26.3			
O2-2S-23rr	10/5/98	1042	0.11	3.4	0.43	6.0	0.19	2.7	3.4	95					0.09	35.055	27.3			
O2-2S-23rr	1/13/99	1052	0.12	3.7	0.60	8.4	0.26	3.6	4.8	135					0.08	35.046	25.0			
O2-2S-23rr	4/12/99	1032	0.13	4.0	0.26	3.6	0.08	1.1	4.1	115					0.07	34.663	24.1			
Geomean FY '99			4.9		7.0		2.5								0.09					

NELHA Water Quality Laboratory

Transect 2, Station 2

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-2S-23rr	7/6/99	1047	0.11	3.4	0.13	1.8	0.11	1.5	2.4	68					0.12	34.955	25.7			
O2-2S-23rr	10/4/99	1128	0.12	3.7	0.28	3.9	0.13	1.8	7.7	216					0.09	34.905	26.1			
O2-2S-23rr	1/4/00	1108	0.09	2.8	0.41	5.7	0.35	4.9	3.6	100					0.08	35.092	24.8			
O2-2S-23rr	4/17/00	1056	0.12	3.7	0.21	2.9	0.11	1.5	3.4	94					0.04	34.650	24.3			
Geomean	FY '00		3.4		3.3		2.1								0.08					
O2-2S-23rr	7/24/00	1115	0.11	3.4	0.22	3.1	0.06	0.8	3.1	87					0.11	34.881	27.3			
O2-2S-23rr	10/30/00	1133	0.13	4.0	0.23	3.2	0.34	4.8	4.0	113					0.08	34.953	27.0			
O2-2S-23rr	2/26/01	1121	0.16	5.0	0.44	6.2	0.25	3.5	6.0	168					0.11	34.670	24.9			
O2-2S-23rr	5/7/01	1126	0.14	4.3	0.60	8.4	0.31	4.3	4.2	117					0.08	34.822	24.7			
Geomean	FY '01		4.1		4.8		2.8								0.09					
O2-2S-23rr	8/21/01	1024	0.14	4.3	0.49	6.9	0.02	0.3	4.0	113					0.09	34.773	26.7			
O2-2S-23rr	10/8/01	1044	0.14	4.3	0.21	2.9	0.06	0.8	2.4	68					0.13	34.949	27.3			
O2-2S-23rr	3/5/02	956	0.14	4.3	0.26	3.6	0.04	0.6	7.2	202					0.12	34.694	24.2			
O2-2S-23rr	4/17/02	1004	0.15	4.6	0.45	6.3	0.27	3.8	10.1	283					0.06	34.458	25.5			
Geomean	FY '02		4.4		4.6		0.8								0.10					
O2-2S-23rr	7/8/02	1120	0.18	5.6	0.20	2.8	0.10	1.4	3.5	99					0.12	34.650	26.6			
O2-2S-23rr	10/9/02	958	0.06	1.9	0.13	1.8	0.09	1.3	2.6	74					0.10	34.936	27.1			
O2-2S-23rr	3/12/03	1115	0.12	3.7	0.31	4.3	0.03	0.4	3.8	106					0.11	34.785	25.1			
O2-2S-23rr	4/22/03	1120	0.10	3.1	0.87	12.2	0.03	0.4	3.3	94					0.09	34.984	25.2			
Geomean	FY '03		3.3		4.1		0.7								0.10					
O2-2S-23rr	8/18/03	1245	0.07	2.2	0.25	3.5	0.25	3.5	2.4	68					0.06	34.825	28.2			
O2-2S-23rr	10/29/03	1147	0.08	2.5	0.06	0.8	0.10	1.4	2.3	63					0.10	34.839	27.6			
O2-2S-23rr	3/11/04	1020	0.12	3.7	0.07	1.0	0.04	0.6	2.4	67					n/a	34.357	25.8			
O2-2S-23rr	5/20/04	1026	0.11	3.4	0.01	0.1	0.17	2.4	1.6	44					n/a	33.52	26.9			
Geomean	FY '04		2.9		0.8		1.6								0.08					
O2-2S-23rr	9/20/04	1004	0.09	2.8	0.07	1.0	0.23	3.2	2.1	58					0.08	33.71	27.8			
O2-2S-23rr	11/17/04	934	0.07	2.2	0.18	2.5	0.20	2.8	1.5	43					0.05	33.57	27.1			
O2-2S-23rr	1/13/05	1059	0.05	1.5	0.07	1.0	0.09	1.3	2.0	55					0.09	34.775	24.9			
O2-2S-23rr	4/11/05	1101	0.18	5.6	0.56	7.8	0.30	4.2	3.2	89					0.15	34.471	25.3			
Geomean	FY '05		2.7		2.1		2.6								0.09					

NELHA Water Quality Laboratory

Transect 2, Station 2

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-2S-23rr	7/20/05	1052	0.19	5.9	0.45	6.3	0.18	2.5	3.7	103					0.11	34.668	26.9			
O2-2S-23rr	10/11/05	934	0.06	1.9	0.04	0.6	0.17	2.4	2.7	74					0.11	34.862	26.5			
O2-2S-23rr	3/13/06	1041	0.11	3.4	0.36	5.0	0.21	2.9	3.1	86					0.09	34.803	24.6			
O2-2S-23rr	5/15/06	1014	0.12	3.7	1.41	19.7	0.13	1.8	9.5	266					0.16	34.541	24.9			
Geomean FY '06			3.4		4.3		2.4								0.11					
O2-2S-23rr	8/14/06	1008	0.13	4.0	0.32	4.5	0.22	3.1	2.8	78					0.13	34.595	26.7			
O2-2S-23rr	11/1/06	1017	0.09	2.8	0.27	3.8	0.41	5.7	2.5	71					0.48	34.823	26.9			
O2-2S-23rr	2/12/07	1039	0.13	4.0	0.19	2.7	0.34	4.8	2.4	67					0.29	34.549	24.5			
O2-2S-23rr	4/9/07	1009	0.19	5.9	0.25	3.5	0.36	5.0	3.5	98					0.82	34.692	25.1			
Geomean FY '07			4.0		3.5		4.5								0.35					
T2-10m	9/26/07	954	0.17	5.2	0.24	3.3	0.27	3.8	2.7	76	0.28	8.7	4.1	58	0.10	34.967	26.8	8.17	6.21	0.13
T2-10m	12/13/07	1124	0.11	3.3	0.44	6.1			20.1	566	0.38	11.7	8.4	118	0.16	34.697	25.7	8.23	6.54	0.24
T2-10m	3/10/08	1014	0.19	6.0	0.29	4.0	0.06	0.8	14.4	405	0.45	13.8	7.8	109	0.12	34.901	24.9	8.2	6.62	0.32
T2-10m	6/5/08	1017	0.12	3.7	0.46	6.4	0.16	2.2	17.2	483	0.27	8.5	11.0	154	0.07	34.809	25.0	8.08	6.77	0.15
Geomean FY '08			4.4		4.8		1.9				10.5		103		0.11					0.20
T2-10m	9/22/08	1114	0.05	1.7	0.12	1.7	0.09	1.3	2.4	68	0.25	7.7	5.0	71	0.07	34.801	26.7	8.02	6.64	0.06
T2-10m	11/17/08	958	0.19	5.8	0.20	2.8	0.14	1.9	2.9	82	0.41	12.7	5.5	77	0.06	34.957	25.6	8.24	6.08	0.04
T2-10m	2/9/09	953	0.10	3	0.46	6.5	0.12	1.7	2.8	77	0.19	6	5.7	79	0.09	35.068	24.9	8.06	6.30	0.01
T2-10m	4/13/09	946	0.32	9.9	1.88	26.4	0.44	6.1	5.0	142	0.47	14.6	8.1	114	0.10	34.884	23.9	8.18	6.41	0.06
Geomean FY '09			4.1		5.3		2.2				9.6		84		0.08					0.03
T2-10m	9/9/09	953	0.87	27.1	0.41	5.7	0.28	3.9	6.0	168	0.47	14.7	6.8	95	0.07	35.16	27.0	8.21	5.58	0.26
T2-10m	11/23/09	1008	0.03	0.8	0.04	0.5	0.01	0.1	24.4	684	0.39	12.2	6.8	95	0.07	35.20	25.3	8.26	6.42	0.16
T2-10m	2/23/10	1016	0.18	5.5	0.26	3.7	0.44	6.2	15.4	434	0.41	12.6	7.5	105	0.13	35.06	24.6	8.19	6.39	0.22
T2-10m	5/25/10	1029	0.04	1.3	0.16	2.2	0.18	2.5	2.6	73	0.25	7.8	6.1	86	0.07	34.96	25.1	8.23	7.00	0.1
Geomean FY '10			3.5		2.2		1.6				11.5		95		0.08					0.17
T2-10m	8/10/10	1010	0.06	2	1.26	17.6	0.09	1.2	7.3	206	0.47	14.7	6.8	95	0.06	34.82	25.97	8.23	6.63	0.08
T2-10m	11/8/10	956	0.02	0.6	0.38	5.3	0.19	2.7	5.6	157	0.37	11.5	7.0	98	0.11	35.25	26.43	8.25	6.35	0.08
T2-10m	1/11/11	1013	0.15	4.6	0.25	3.5	0.15	2.1	5.1	144	0.42	12.9	3.6	51	0.06	34.96	24.96	8.24	6.66	0.15
T2-10m	4/26/11	1013	0.11	3.4	0.28	3.9	0.27	3.8	5.5	154	0.43	13.2	5.4	76	0.10	34.99	24.98	8.21	6.63	0.11
Geomean FY '11			2.1		6.0		2.3				13.0		77		0.08					0.10

NELHA Water Quality Laboratory

Transect 2, Station 2

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-10m	7/26/11	1037	0.19	5.8	0.34	4.8	0.14	1.9	1.5	41	0.47	14.6	5.7	80	0.08	34.81	25.94	8.26	6.77	0.11
T2-10m	10/18/11	1002	0.03	0.8	0.31	4.3	0.36	5	2.1	58	0.29	9.1	5.9	82	0.07	35.06	26.59	8.22	7.01	0.13
T2-10m	1/25/12	1027	0.11	3.3	0.38	5.3	0.19	2.6	3.4	96	0.41	12.8	7.1	100	0.07	34.98	24.68	8.20	6.95	0.08
T2-10m	4/24/12	1053	0.17	5.4	0.77	10.8	0.18	2.5	3.6	100	0.47	14.6	5.8	81	0.20	35.07	24.67	8.20	6.86	0.12
Geomean	FY '12		3.0		5.9		2.8				12.6		85		0.09					0.11
T2-10m	7/24/12	1014	0.03	1	0.39	5.5	0.29	4	1.9	54	0.34	10.6	6.5	91	0.14	35.07	26.31	8.21	6.81	0.11
T2-10m	11/27/12	1002	0.10	3	0.94	13.2	0.29	4	6.7	188	0.47	14.6	7.9	110	0.04	35.07	25.07	8.21	6.91	0.25
T2-10m	1/23/13	1010	0.09	2.9	0.39	5.4	0.24	3.3	1.8	50	0.40	12.5	5.9	82	0.02	35.12	24.67	8.21	6.53	0.15
T2-10m	4/16/13	1018	0.13	3.9	0.19	2.6	0.09	1.3	0.3	9	0.48	15	6.9	97	0.05	35.15	24.95	8.22	6.90	0.04
Geomean	FY '13		2.4		5.7		2.9				13.1		95		0.05					0.11
T2-10m	8/1/13	924	0.05	1.6	0.44	6.1	0.01	0.2	3.5	99	0.51	15.9	6.6	93	0.06	35.22	26.1	8.25	6.90	0.19
T2-10m	10/29/13	957	0.15	4.8	0.53	7.4	0.31	4.4	2.6	72	0.45	14.0	6.5	91	0.02	35.27	27.0	8.20	6.53	0.19
T2-10m	2/4/14	1002	0.13	3.9	0.38	5.3	0.65	9.1	2.5	70	0.39	12.2	7.1	100	0.02	34.94	25.2	8.21	6.37	0.18
T2-10m	5/6/14	1005	0.12	3.8	0.50	7.0	0.32	4.5	3.0	84	0.41	12.6	7.8	109	0.03	34.78	25.9	8.23	6.29	0.15
Geomean	FY '14		3.3		6.4		2.3				13.6		98		0.03					0.18
T2-10m	8/5/14	1010	0.20	6.2	0.41	5.8	0.43	6.0	2.2	61	0.50	15.6	6.1	85	0.09	34.96	26.8	8.22	6.04	0.15
T2-10m	11/17/14	1147	0.18	5.7	0.43	6.0	0.32	4.5	1.0	29	0.45	14.0	7.0	98	0.09	34.97	27.1	8.22	7.28	0.16
T2-10m	3/3/15	1007	0.02	0.6	0.30	4.2	0.07	1.0	2.1	60	0.25	7.8	7.2	100	0.09	34.84	25.5	8.16	6.83	0.14
T2-10m	6/16/15	1121	0.13	3.9	0.71	9.9	0.31	4.3	3.0	84	0.44	13.7	5.8	81	0.08	34.22	26.6	8.23	6.23	0.19
Geomean	FY '15		3.0		6.2		3.3				12.4		91		0.09					0.16
T2-10m	8/26/15	1107	0.13	4.1	0.41	5.7	0.21	2.9	5.3	148	0.36	11.0	5.6	78	0.03	34.45	28.4	8.22	6.03	0.42
T2-10m	11/17/15	1018	0.16	5.1	0.57	8.0	0.15	2.1	3.5	98	0.50	15.4	6.3	89	0.08	33.97	27.4	8.22	6.39	0.14
T2-10m	3/1/16	1021	0.16	4.9	0.24	3.4	0.64	8.9	0.5	15	0.45	13.8	4.4	62	0.10	34.76	25.5	8.24	5.85	0.09
T2-10m	5/3/16	953	0.15	4.8	0.49	6.9	0.19	2.6	1.1	30	0.43	13.2	6.3	89	0.09	34.68	25.6	8.24	6.34	0.18
Geomean	FY '16		4.7		5.7		3.4				13.3		78		0.07					0.18
T2-10m	7/6/16	1050	0.14	4.3	0.24	3.3	0.56	7.8	1.4	39	0.46	14.2	6.7	93	0.11	34.55	26.9	8.27	6.67	0.24
T2-10m	12/20/16	1034	0.05	1.5	0.21	3.0	0.31	4.3	1.4	39	0.36	11.3	4.1	57	0.02	34.72	25.6	8.27	6.14	0.21
T2-10m	2/28/17	930	0.00	0.1	0.12	1.7	0.12	1.7	0.3	8	0.30	9.2	3.5	49	0.07	34.67	24.7	8.22	5.86	0.13
T2-10m	5/10/17	927	0.05	1.7	0.21	2.9	0.07	1.0	0.9	26	0.22	6.9	4.5	63	0.07	34.73	25.7	8.21	4.27	0.08
Geomean	FY '17		1.0		2.6		2.7				10.0		64		0.06					0.15

NELHA Water Quality Laboratory

Transect 2, Station 2

7/27/1993 - 7/10/2025

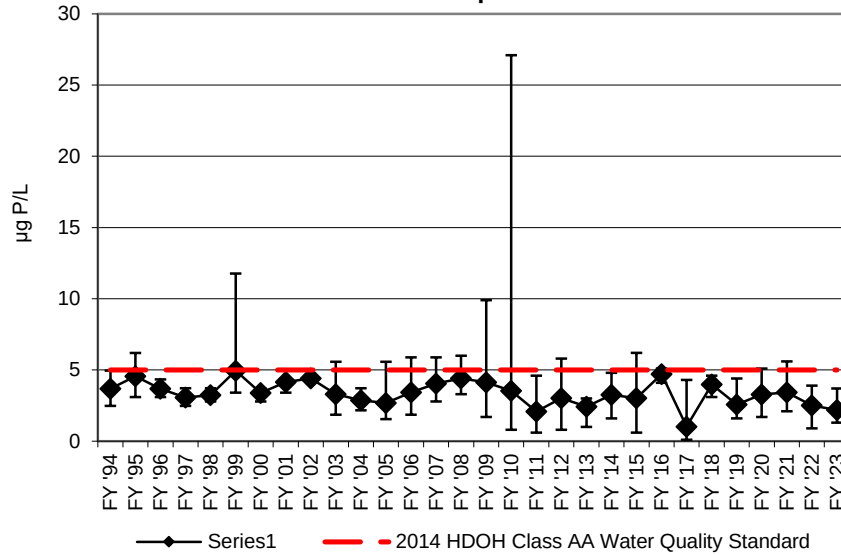
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-10m	9/27/17	1016	0.14	4.2	0.34	4.8	0.25	3.5	1.1	32	0.42	12.9	4.5	64	0.11	34.80	27.8	8.20	4.44	0.23
T2-10m	11/28/17	1114	0.15	4.6	0.51	7.1	0.25	3.5	2.6	72	0.40	12.4	3.7	52	0.07	35.05	26.1	8.21	5.03	0.26
T2-10m	1/30/18	1056	0.14	4.2	0.55	7.7	0.24	3.3	3.0	85	0.36	11.2	2.9	41	0.10	34.84	24.6	8.17	5.54	0.13
T2-10m	5/16/18	1051	0.10	3.1	0.57	8.0	0.17	2.4	3.6	102	0.38	11.8	3.0	42	0.02	34.71	25.6	8.17	6.10	0.13
Geomean	FY '18		4.0		6.8		3.1				12.1		49		0.06					0.18
T2-10m	9/24/18	1023	0.05	1.6	0.16	2.3	0.16	2.3	0.2	5	0.36	11.2	2.7	38	0.10	34.77	27.8	8.17	5.20	0.20
T2-10m	11/13/18	1056	0.07	2.3	0.81	11.3	0.41	5.7	1.0	28	0.39	12.1	4.8	67	0.09	35.00	27.3	8.21	4.46	0.37
T2-10m	1/22/19	1043	0.09	2.7	0.09	1.3	0.01	0.1	0.1	4	0.38	11.8	2.4	34	0.08	34.99	25.1	8.22	5.79	0.12
T2-10m	4/16/19	1045	0.14	4.4	0.32	4.5	0.19	2.6	2.0	56	0.41	12.8	3.1	43	0.07	35.63	25.8	8.16	7.56	0.14
Geomean	FY '19		2.6		3.5		1.4				12.0		44		0.08					0.19
T2-10m	8/13/19	1020	0.05	1.7	0.07	1.0	0.20	2.8	4.0	113	0.33	10.1	2.8	40	0.16	35.54	28.3	8.22	6.92	0.16
T2-10m	11/20/19	1035	0.11	3.3	0.19	2.7	1.20	16.8	0.8	23	0.38	11.7	3.6	50	0.09	35.37	27.5	8.21	6.93	0.18
T2-10m	1/22/20	1014	0.16	5.1	0.36	5.0	0.09	1.3	2.2	61	0.45	13.9	3.2	44	0.05	34.93	25.0	8.21	6.83	0.13
T2-10m	6/24/20	1044	0.13	4.0	0.78	10.9	0.15	2.1	3.6	102	0.32	10.0	3.1	43	0.07	35.27	25.9	8.17	6.97	0.26
Geomean	FY '20		3.3		3.5		3.3				11.3		44		0.08					0.18
T2-10m	9/22/20	1039	0.18	5.6	0.40	5.6	0.69	9.6	2.0	57	0.30	9.3	6.5	91	0.03	35.36	26.4	8.17	5.24	0.22
T2-10m	12/15/20	1127	0.16	4.9	0.78	10.9	0.37	5.2	3.0	84	0.28	8.7	6.3	89	0.11	35.74	26.8	8.13	6.98	0.21
T2-10m	3/9/21	1045	0.08	2.4	0.54	7.5	0.19	2.7	2.2	60	0.36	11.2	5.0	70	0.08	35.70	24.6	8.10	6.92	0.22
T2-10m	5/25/21	1116	0.07	2.1	0.80	11.2	0.19	2.6	1.3	37	0.20	6.1	5.5	77	0.11	35.67	25.5	8.07	7.20	0.10
Geomean	FY '21		3.4		8.5		4.3				8.6		81		0.07					0.18
T2-10m	9/24/21	905	0.03	0.9	0.24	3.4	0.27	3.8	-0.2	-5	0.20	6.2	4.8	67	0.08	35.56	26.6	8.01	6.77	0.11
T2-10m	12/14/21	1003	0.10	3.0	0.41	5.8	0.25	3.5	1.2	33	0.27	8.4	5.2	73	0.06	35.09	25.9	8.14	6.98	0.15
T2-10m	3/15/22	942	0.12	3.8	0.21	2.9	0.05	0.7	0.3	7	0.33	10.1	4.6	65	0.10	34.88	25.7	8.09	6.77	0.23
T2-10m	6/8/22	946	0.13	3.9	0.39	5.5	0.31	4.3	2.0	57	0.28	8.8	5.3	75	0.11	34.49	26.2	8.05	6.68	0.31
Geomean	FY '22		2.5		4.2		2.5				8.2		70		0.09					0.19
T2-10m	9/21/22	924	0.04	1.3	0.46	6.5	0.11	1.5	1.0	27	0.24	7.4	5.1	71	0.11	34.91	26.9	8.11	6.76	0.23
T2-10m	12/27/22	959	0.08	2.5	0.19	2.7	0.17	2.4	0.3	7	0.17	5.4	5.3	75	0.06	34.98	25.7	8.15	7.07	0.30
T2-10m	3/15/23	1013	0.12	3.7	0.66	9.2	0.19	2.7	2.4	68	0.24	7.3	5.4	75	0.10	34.69	24.4	8.10	7.12	0.27
T2-10m	5/31/23	944	0.06	1.9	0.60	8.4	0.36	5.0	1.8	50	0.21	6.6	5.3	74	0.11	34.71	25.7	8.07	6.87	0.19
Geomean	FY '23		2.2		6.1		2.6				6.6		74		0.09					0.24

NELHA Water Quality Laboratory

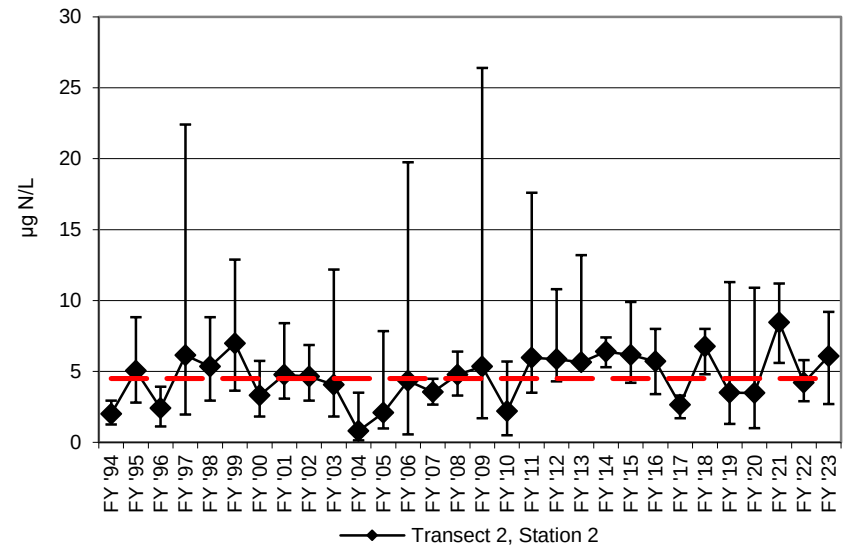
Transect 2, Station 2

7/27/1993 - 7/10/2025

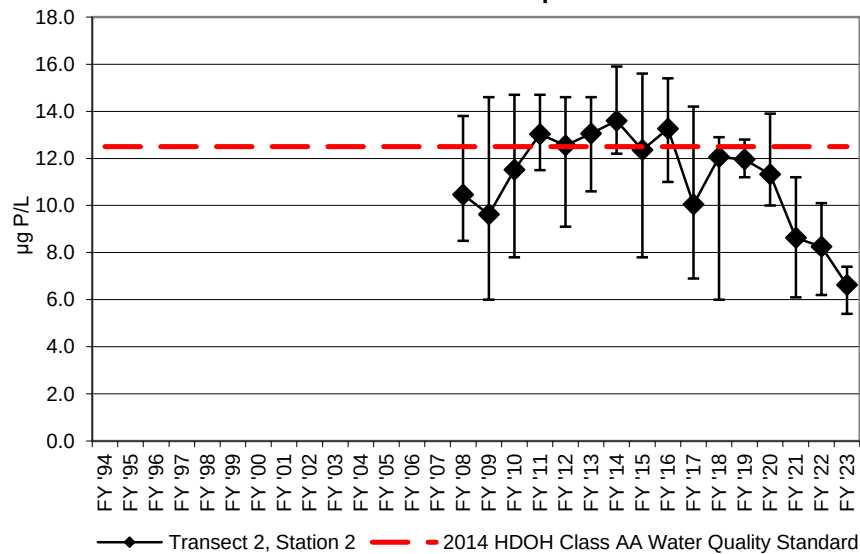
**Yearly Geometric Mean
Ortho-Phosphate**



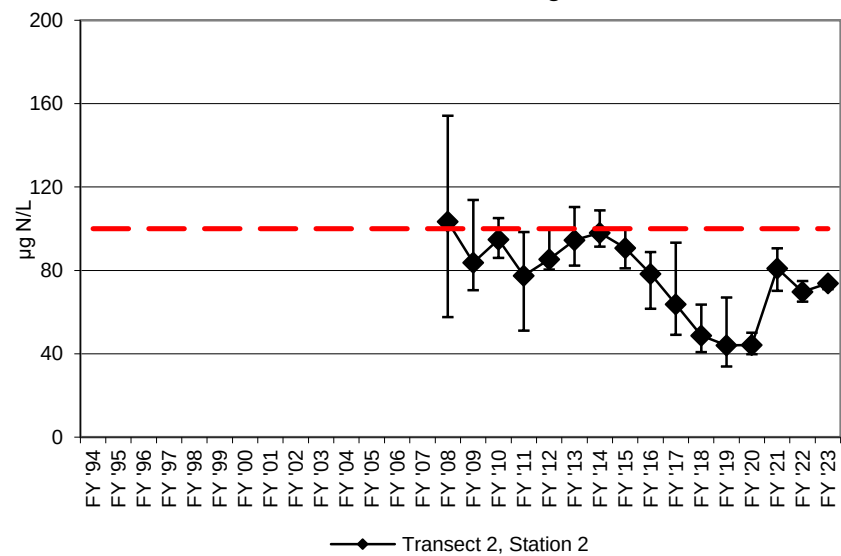
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

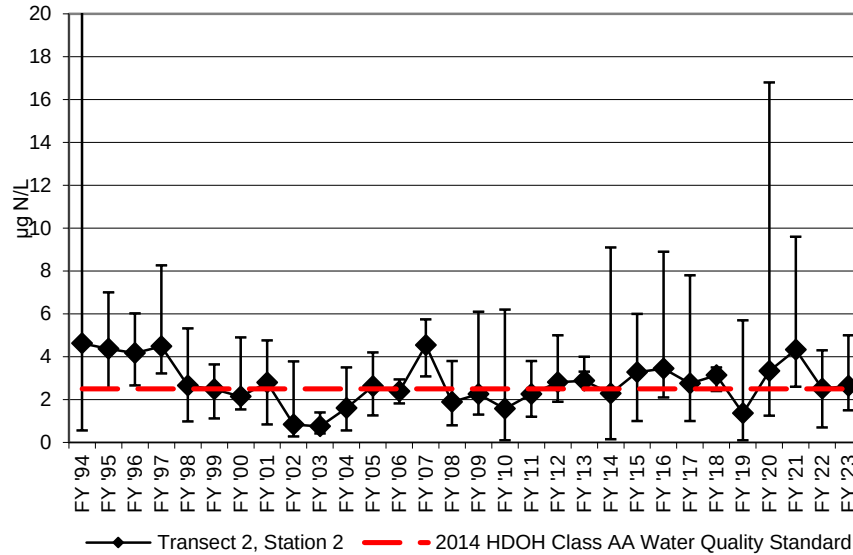


NELHA Water Quality Laboratory

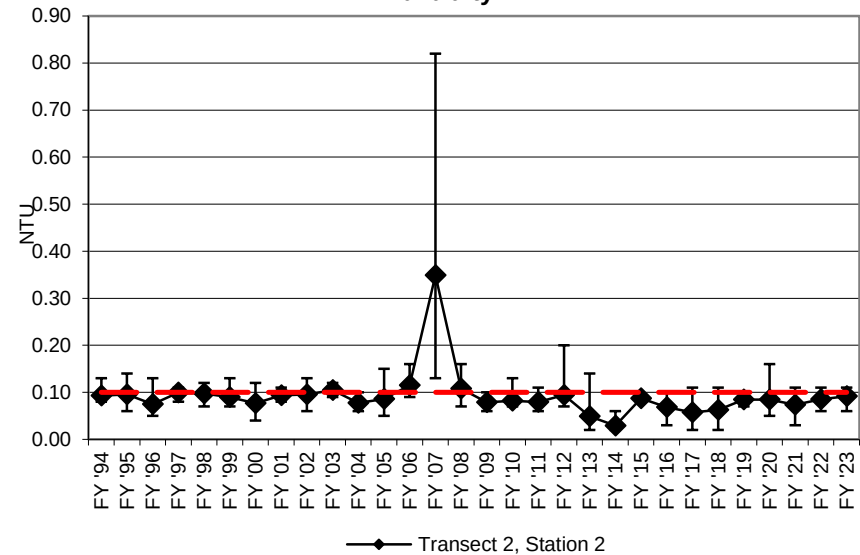
Transect 2, Station 2

7/27/1993 - 7/10/2025

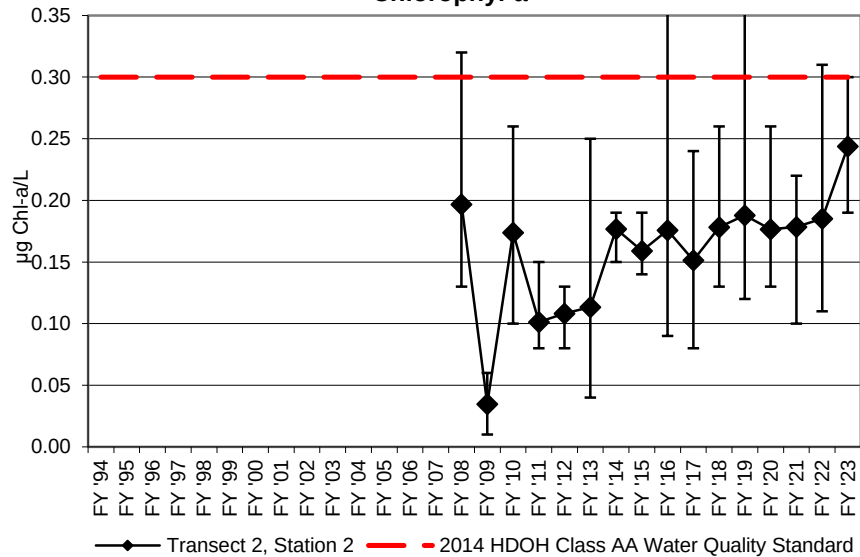
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 2, Station 3

7/27/1993 - 7/10/2025

SITE ID	DATE	TIME	PO ₄ ³⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		Turbidity	Salinity	Temp.	pH	DO	Chl a
	M/D/Y	(2400)	(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)	(NTU)	(PSU)	(°C)	(unit)	(ppm)	(μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-3S-38n	7/27/93	954	0.07	2.2	0.05	0.7	0.24	3.4	2.4	66					0.08	34.471	26.6			
O2-3S-38n	12/7/93	916	0.10	3.1	0.20	2.8	0.20	2.8	3.6	102					0.06	34.774	25.6			
O2-3S-38n	3/16/94	915	0.16	5.0	0.29	4.1	0.17	2.4	5.5	154					0.10	34.442	24.6			
O2-3S-38n	6/14/94	854	0.12	3.7	0.15	2.1	0.08	1.1	2.7	75					0.11	34.541	25.3			
Geomean FY '94			3.3		2.0		2.2								0.09					
O2-3S-38n	9/8/94	1019	0.10	3.1	0.26	3.6	0.20	2.8	3.4	95					0.08	34.590	27.7			
O2-3S-38n	11/16/94	816	0.15	4.6	0.24	3.4	0.52	7.3	3.4	94					0.07	34.555	26.0			
O2-3S-38n	3/21/95	1014	0.20	6.2	0.17	2.4	0.18	2.5	3.4	95					0.10	34.210	25.4			
O2-3S-38n	6/26/95	825	0.12	3.7	0.45	6.3	0.49	6.9	4.9	137					0.07	34.514	26.5			
Geomean FY '95			4.3		3.7		4.3								0.08					
O2-3S-38n	9/25/95	1037	0.12	3.7	0.35	4.9	0.20	2.8	5.4	153					0.12	34.476	27.3			
O2-3S-38n	11/13/95	1001	0.11	3.4	0.18	2.5	0.40	5.6	2.1	60					0.07	34.391	26.8			
O2-3S-38n	3/11/96	1051	0.13	4.0	0.21	2.9	0.47	6.6	2.9	82					0.10	34.245	25.3			
O2-3S-38n	5/13/96	956	0.10	3.1	0.04	0.6	0.23	3.2	1.9	53					0.07	34.317	26.9			
Geomean FY '96			3.5		2.1		4.3								0.09					
O2-3S-38n	7/30/96	940	0.11	3.4	0.96	13.4	0.18	2.5	3.7	103					0.10	34.462	27.9			
O2-3S-38n	10/1/96	1028	0.07	2.2	0.13	1.8	0.59	8.3	2.0	56					0.08	34.722	27.9			
O2-3S-38n	1/6/97	1056	0.09	2.8	0.23	3.2	0.20	2.8	3.3	93					0.09	34.668	25.7			
O2-3S-38n	4/21/97	1040	0.10	3.1	0.79	11.1	0.22	3.1	2.7	77					0.09	34.530	26.4			
Geomean FY '97			2.8		5.4		3.7								0.09					
O2-3S-38n	8/18/97	1027	0.11	3.4	0.56	7.8	0.26	3.6	8.0	224					0.10	34.538	26.8			
O2-3S-38n	10/6/97	1058	0.10	3.1	0.18	2.5	0.33	4.6	4.0	111					0.09	34.724	27.5			
O2-3S-38n	3/3/98	1032	0.09	2.8	0.27	3.8	0.20	2.8	3.3	92					0.08	34.989	24.9			
O2-3S-38n	5/4/98	1001	0.11	3.4	0.70	9.8	0.11	1.5	7.2	202					0.07	34.914	23.8			
Geomean FY '98			3.2		5.2		2.9								0.08					
O2-3S-38n	7/6/98	1100	0.13	4.0	0.75	10.5	0.07	1.0	9.3	260					0.10	34.937	26.3			
O2-3S-38n	10/5/98	1037	0.09	2.8	0.16	2.2	0.16	2.2	3.5	98					0.08	35.102	27.3			
O2-3S-38n	1/13/99	1047	0.11	3.4	0.41	5.7	0.10	1.4	3.3	94					0.07	35.080	24.9			
O2-3S-38n	4/12/99	1027	0.13	4.0	0.25	3.5	0.06	0.8	4.2	119					0.08	34.665	24.1			
Geomean FY '99			3.5		4.7		1.3								0.08					

NELHA Water Quality Laboratory

Transect 2, Station 3

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-3S-38n	7/6/99	1040	0.11	3.4	0.10	1.4	0.09	1.3	2.5	70					0.09	34.945	25.7			
O2-3S-38n	10/4/99	1122	0.12	3.7	0.30	4.2	0.10	1.4	6.1	172					0.09	34.915	26.0			
O2-3S-38n	1/4/00	1103	0.11	3.4	0.32	4.5	0.35	4.9	3.5	97					0.10	35.094	24.8			
O2-3S-38n	4/17/00	1052	0.12	3.7	0.36	5.0	0.15	2.1	7.2	202					0.06	34.618	24.3			
Geomean FY '00			3.6		3.4		2.1								0.08					
O2-3S-38n	7/24/00	1110	0.11	3.4	0.25	3.5	0.03	0.4	2.8	78					0.08	34.879	27.3			
O2-3S-38n	10/30/00	1127	0.12	3.7	0.03	0.4	0.31	4.3	4.5	127					0.08	34.997	27.0			
O2-3S-38n	2/26/01	1116	0.16	5.0	0.28	3.9	0.20	2.8	5.0	140					0.14	34.707	24.9			
O2-3S-38n	5/7/01	1122	0.14	4.3	0.46	6.4	0.33	4.6	3.8	107					0.06	34.833	24.6			
Geomean FY '01			4.1		2.5		2.2								0.09					
O2-3S-38n	8/21/01	1020	0.14	4.3	0.29	4.1	0.03	0.4	2.5	69					0.08	34.792	26.6			
O2-3S-38n	10/8/01	1039	0.14	4.3	0.16	2.2	0.05	0.7	2.7	75					0.08	34.960	27.3			
O2-3S-38n	3/5/02	953	0.15	4.6	0.20	2.8	0.03	0.4	4.2	119					0.10	34.683	24.2			
O2-3S-38n	4/17/02	1000	0.16	5.0	0.29	4.1	0.26	3.6	4.3	122					0.10	34.466	25.5			
Geomean FY '02			4.6		3.2		0.8								0.09					
O2-3S-38n	7/8/02	1117	0.18	5.6	0.17	2.4	0.11	1.5	3.6	100					0.08	34.660	26.5			
O2-3S-38n	10/9/02	952	0.05	1.5	0.20	2.8	0.13	1.8	2.7	76					0.09	34.931	27.0			
O2-3S-38n	3/12/03	1112	0.12	3.7	0.27	3.8	0.03	0.4	10.6	298					0.21	34.805	25.1			
O2-3S-38n	4/22/03	1116	0.10	3.1	0.42	5.9	0.04	0.6	2.6	73					0.13	35.026	25.2			
Geomean FY '03			3.2		3.5		0.9								0.12					
O2-3S-38n	8/18/03	1238	0.08	2.5	0.08	1.1	0.20	2.8	2.3	64					0.04	34.839	28.2			
O2-3S-38n	10/29/03	1128	0.06	1.9	0.06	0.8	0.10	1.4	2.2	63					0.09	34.862	27.6			
O2-3S-38n	3/11/04	1014	0.13	4.0	0.04	0.6	0.04	0.6	1.7	46					n/a	34.361	25.7			
O2-3S-38n	5/20/04	1032	0.11	3.4	0.01	0.1	0.21	2.9	1.6	46					n/a	33.36	27.0			
Geomean FY '04			2.8		0.5		1.6								0.06					
O2-3S-38n	9/20/04	957	0.10	3.1	0.11	1.5	0.23	3.2	2.2	61					0.08	33.74	27.8			
O2-3S-38n	11/17/04	930	0.10	3.1	0.19	2.7	0.23	3.2	1.8	51					0.09	33.52	27.4			
O2-3S-38n	1/13/05	1052	0.06	1.9	0.17	2.4	0.06	0.8	2.5	70					0.09	34.838	24.9			
O2-3S-38n	4/11/05	1053	0.14	4.3	0.38	5.3	0.29	4.1	2.9	83					0.07	34.511	25.3			
Geomean FY '05			3.0		2.7		2.4								0.08					

NELHA Water Quality Laboratory

Transect 2, Station 3

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-3S-38n	7/20/05	1049	0.05	1.5	0.01	0.1	0.13	1.8	1.4	40					0.07	34.747	26.8			
O2-3S-38n	10/11/05	926	0.06	1.9	0.01	0.1	0.19	2.7	4.5	126					0.13	34.900	26.5			
O2-3S-38n	3/13/06	1035	0.10	3.1	0.23	3.2	0.29	4.1	5.6	158					0.10	34.814	24.6			
O2-3S-38n	5/15/06	1007	0.10	3.1	1.54	21.6	0.17	2.4	13.4	376					0.13	34.389	24.9			
Geomean	FY '06		2.3		1.1		2.6								0.10					
O2-3S-38n	8/14/06	1003	0.13	4.0	0.36	5.0	0.20	2.8	3.2	89					0.13	34.602	26.6			
O2-3S-38n	11/1/06	1011	0.09	2.8	0.24	3.4	0.37	5.2	2.4	69					0.30	34.806	26.8			
O2-3S-38n	2/12/07	1034	0.13	4.0	0.25	3.5	0.40	5.6	2.9	82					0.12	34.543	24.5			
O2-3S-38n	4/9/07	1003	0.10	3.1	0.18	2.5	0.26	3.6	3.7	104					0.17	34.685	25.1			
Geomean	FY '07		3.4		3.5		4.1								0.17					
T2-50m	9/26/07	1002	0.17	5.3	0.29	4.0	0.11	1.6	5.0	141	0.09	2.8	5.4	76	0.04	34.945	26.8	8.16	6.23	0.09
T2-50m	12/13/07	1126	0.10	3.2	0.31	4.3			16.3	456	0.38	11.8	6.1	86	0.14	34.707	25.7	8.23	6.45	0.25
T2-50m	3/10/08	1017	0.20	6.1	0.41	5.7	0.06	0.8	4.1	115	0.41	12.7	7.1	99	0.25	34.870	25.0	8.19	6.54	0.26
T2-50m	6/5/08	1020	0.12	3.8	0.26	3.6	0.16	2.2	21.2	595	0.20	6.1	8.8	124	0.06	34.798	25.2	8.06	6.44	0.19
Geomean	FY '08		4.5		4.3		1.4				7.1		95		0.10					0.18
T2-50m	9/22/08	1120	0.05	1.5	0.04	0.6	0.04	0.6	1.8	50	0.27	8.5	4.9	68	0.09	34.812	26.7	8.03	6.60	0.09
T2-50m	11/17/08	1000	0.16	5	0.16	2.2	0.16	2.2	2.4	66	0.39	12	5.8	82	0.06	34.962	25.7	8.25	6.05	0.06
T2-50m	2/9/09	1002	0.06	2	0.10	1.4	0.10	1.4	1.2	33	0.14	4.3	5.5	77	0.07	35.116	24.9	8.06	5.99	0.01
T2-50m	4/13/09	951	0.26	7.9	0.49	6.9	0.49	6.9	3.5	98	0.47	14.5	7.0	98	0.10	34.955	24.0	8.18	6.15	0.02
Geomean	FY '09		3.3		1.9		1.9				8.9		81		0.08					0.03
T2-50m	9/9/09	1000	0.19	5.8	0.29	4	0.38	5.3	8.3	233	0.43	13.3	8.5	118	0.05	35.22	27.0	8.21	5.76	0.15
T2-50m	11/23/09	1014	0.03	0.8	0.15	2.1	0.01	0.2	15.7	441	0.40	12.4	5.8	82	0.08	35.21	25.4	8.25	6.33	0.13
T2-50m	2/23/10	1020	0.16	5.1	0.28	3.9	0.45	6.3	14.7	414	0.43	13.4	6.6	93	0.13	35.06	24.6	8.18	6.22	0.28
T2-50m	5/25/10	1035	0.04	1.1	0.06	0.8	0.05	0.7	3.1	87	0.35	10.8	6.0	85	0.06	35.00	24.9	8.22	6.84	0.1
Geomean	FY '10		2.3		2.3		1.5				12.4		93		0.07					0.15
T2-50m	8/10/10	1015	0.00	0.1	0.51	7.1	0.05	0.7	2.2	61	0.43	13.3	8.5	118	0.06	34.87	26.10	8.23	6.44	0.08
T2-50m	11/8/10	1002	0.02	0.7	0.39	5.5	0.21	3.0	4.1	116	0.32	9.8	6.4	90	0.09	35.26	26.42	8.25	6.28	0.09
T2-50m	1/11/11	1017	0.14	4.3	0.30	4.2	0.07	1.0	12.4	348	0.51	15.7	4.5	64	0.05	34.92	24.93	8.23	6.44	0.16
T2-50m	4/26/11	1019	0.12	3.7	0.53	7.4	0.16	2.2	18.4	517	0.42	13	4.6	64	0.09	34.98	25.01	8.21	6.43	0.14
Geomean	FY '11		1.0		5.9		1.5				12.8		81		0.07					0.11

NELHA Water Quality Laboratory

Transect 2, Station 3

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-50m	7/26/11	1044	0.19	6	0.42	5.9	0.15	2.1	3.0	84	0.48	15	6.2	87	0.04	34.79	25.97	8.26	6.68	0.09
T2-50m	10/18/11	1007	0.04	1.3	0.25	3.5	0.26	3.7	2.3	66	0.32	9.9	4.9	68	0.05	35.05	26.55	8.21	6.79	0.10
T2-50m	1/25/12	1031	0.06	2	0.02	0.3	0.02	0.3	1.4	41	0.37	11.6	5.1	71	0.07	35.03	24.66	8.20	6.73	0.13
T2-50m	4/24/12	1057	0.15	4.5	0.42	5.9	0.15	2.1	3.0	84	0.45	13.8	5.2	73	0.07	35.10	24.77	8.22	6.70	0.16
Geomean	FY '12		2.9		2.5		1.5				12.4		74		0.06					0.12
T2-50m	7/24/12	1020	0.02	0.6	0.26	3.6	0.16	2.2	2.0	57	0.41	12.6	5.5	77	0.09	35.06	26.29	8.23	6.64	0.14
T2-50m	11/27/12	1006	0.10	3.1	1.01	14.2	0.25	3.5	7.4	207	0.41	12.6	6.2	87	0.03	35.00	25.03	8.21	6.90	0.11
T2-50m	1/23/13	1014	0.10	3	0.39	5.4	0.25	3.5	1.9	54	0.49	15.1	7.4	104	0.05	35.11	24.60	8.22	6.46	0.14
T2-50m	4/16/13	1022	0.14	4.2	0.19	2.6	0.18	2.5	0.4	11	0.47	14.5	5.8	81	0.03	35.10	24.89	8.23	6.90	0.05
Geomean	FY '13		2.2		5.2		2.9				13.7		87		0.04					0.10
T2-50m	8/1/13	928	0.02	0.5	0.07	1.0	0.01	0.1	4.0	114	0.46	14.2	6.9	97	0.20	35.23	26.2	8.25	6.69	0.14
T2-50m	10/29/13	1001	0.15	4.5	0.39	5.4	0.27	3.8	2.8	78	0.50	15.4	6.8	95	0.03	35.29	27.0	8.23	6.44	0.20
T2-50m	2/4/14	1007	0.11	3.4	0.40	5.6	0.50	7.0	2.5	69	0.40	12.3	6.8	95	0.02	34.95	25.2	8.21	6.42	0.09
T2-50m	5/6/14	1010	0.08	2.5	0.11	1.6	0.18	2.5	2.4	68	0.45	13.8	7.4	103	0.02	34.80	26.0	8.21	6.09	0.06
Geomean	FY '14		2.1		2.6		1.6				13.9		97		0.04					0.11
T2-50m	8/5/14	1017	0.20	6.1	0.26	3.6	0.36	5.0	2.1	60	0.48	15.0	6.8	95	0.07	34.95	26.9	8.22	6.02	0.17
T2-50m	11/17/14	1152	0.16	4.9	0.11	1.6	0.38	5.3	0.3	8	0.71	22.0	6.0	84	0.10	35.00	27.1	8.21	6.83	0.22
T2-50m	3/3/15	1014	0.07	2.3	0.39	5.5	0.14	1.9	3.3	93	0.30	9.2	6.9	96	0.08	34.81	25.5	8.17	6.81	0.14
T2-50m	6/16/15	1126	0.12	3.7	0.53	7.4	0.24	3.3	2.4	68	0.42	13.0	5.1	72	0.07	34.26	26.5	8.20	6.10	0.15
Geomean	FY '15		4.0		3.9		3.6				14.1		86		0.08					0.17
T2-50m	8/26/15	1113	0.15	4.5	0.29	4.1	0.19	2.7	5.5	155	0.40	12.4	4.6	65	0.02	34.48	28.4	8.22	5.99	0.35
T2-50m	11/17/15	1026	0.17	5.2	0.52	7.3	0.70	9.8	6.5	184	0.50	15.6	5.6	79	0.06	33.98	27.4	8.24	6.26	0.13
T2-50m	3/1/16	1029	0.17	5.2	0.26	3.7	0.40	5.6	0.9	25	0.46	14.2	5.1	72	0.10	34.78	25.5	8.25	5.89	0.10
T2-50m	5/3/16	958	0.15	4.8	0.62	8.7	0.26	3.6	2.3	65	0.24	7.3	5.8	82	0.06	34.67	25.6	8.24	6.35	0.20
Geomean	FY '16		4.9		5.6		4.8				11.9		74		0.05					0.17
T2-50m	7/6/16	1100	0.15	4.8	0.01	0.2	0.32	4.5	3.8	106	0.52	16.0	5.7	80	0.07	34.57	26.9	8.26	6.51	0.24
T2-50m	12/20/16	1040	0.05	1.5	0.15	2.1	0.19	2.6	5.1	144	0.34	10.4	4.2	60	0.04	34.74	25.6	8.27	5.75	0.15
T2-50m	2/28/17	935	0.01	0.2	0.06	0.8	0.19	2.7	0.2	4	0.31	9.6	6.3	88	0.08	34.70	24.7	8.22	5.77	0.11
T2-50m	5/10/17	932	0.06	1.9	0.04	0.6	0.09	1.3	0.5	15	0.21	6.5	3.7	53	0.07	34.77	25.7	8.22	4.15	0.06
Geomean	FY '17		1.3		0.7		2.5				10.1		68		0.06					0.12

NELHA Water Quality Laboratory

Transect 2, Station 3

7/27/1993 - 7/10/2025

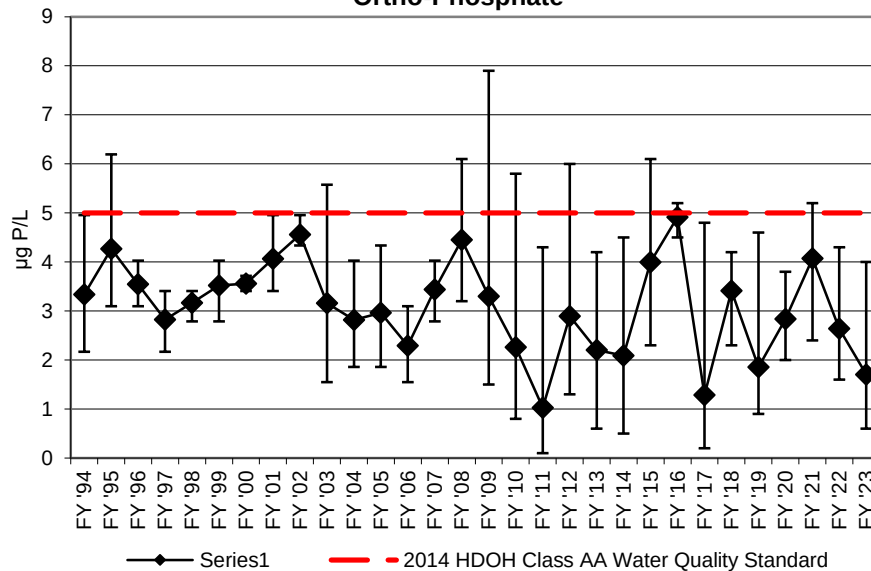
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (µM) (µg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)		NH ₄ ⁺ & NH ₃ (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (µg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-50m	9/27/17	1021	0.13	4.0	0.40	5.6	0.26	3.7	1.3	38	0.44	13.7	2.7	37	0.12	34.79	27.7	8.20	4.39	0.18
T2-50m	11/28/17	1119	0.14	4.2	0.53	7.4	0.31	4.4	3.0	85	0.38	11.9	5.4	76	0.09	35.03	26.2	8.20	4.83	0.26
T2-50m	1/30/18	1059	0.11	3.5	0.46	6.5	0.21	2.9	2.7	76	0.38	11.9	4.2	59	0.12	34.86	24.6	8.16	5.44	0.11
T2-50m	5/16/18	1056	0.07	2.3	0.31	4.4	0.12	1.7	3.0	85	0.36	11.3	4.1	57	0.02	34.73	25.6	8.16	5.95	0.12
Geomean	FY '18		3.4		5.9		3.0				12.2		56		0.07					0.16
T2-50m	9/24/18	1030	0.03	0.9	0.16	2.3	0.10	1.4	0.5	15	0.32	9.9	2.7	38	0.07	34.80	27.8	8.17	5.15	0.20
T2-50m	11/13/18	1101	0.04	1.1	0.24	3.4	0.27	3.8	0.2	6	0.34	10.6	4.2	59	0.08	35.03	27.3	8.21	4.32	0.25
T2-50m	1/22/19	1047	0.08	2.6	0.02	0.3	0.07	1.0	0.2	5	0.37	11.5	2.0	28	0.05	35.00	25.1	8.22	5.65	0.18
T2-50m	4/16/19	1051	0.15	4.6	0.35	4.9	0.03	0.4	2.3	65	0.40	12.5	3.3	47	0.06	35.59	25.8	8.15	7.49	0.14
Geomean	FY '19		1.9		1.8		1.2				11.1		41		0.06					0.19
T2-50m	8/13/19	1025	0.06	2.0	0.12	1.7	0.09	1.3	4.5	125	0.33	10.2	2.8	40	0.08	35.54	28.3	8.22	6.60	0.18
T2-50m	11/20/19	1040	0.08	2.5	0.12	1.7	0.70	9.8	0.2	7	0.40	12.4	2.5	36	0.09	35.34	27.5	8.22	6.61	0.16
T2-50m	1/22/20	1021	0.12	3.8	0.16	2.3	0.09	1.3	0.0	0	0.40	12.3	2.8	39	0.04	34.93	25.0	8.22	6.67	0.11
T2-50m	6/24/20	1049	0.11	3.4	0.14	1.9	0.09	1.3	2.3	65	0.32	10.0	3.1	43	0.08	35.36	25.9	8.18	6.77	0.38
Geomean	FY '20		2.8		1.9		2.1				11.2		39		0.07					0.19
T2-50m	9/22/20	1045	0.16	4.9	0.15	2.1	0.55	7.7	1.4	38	0.33	10.2	5.7	80	0.02	35.42	26.4	8.18	5.11	0.21
T2-50m	12/15/20	1134	0.15	4.5	0.59	8.2	0.28	3.9	2.5	71	0.29	9.0	6.0	84	0.09	35.72	26.8	8.12	6.84	0.20
T2-50m	3/9/21	1050	0.17	5.2	0.31	4.4	0.32	4.5	0.7	21	0.37	11.4	4.7	65	0.07	35.72	24.6	8.10	6.83	0.18
T2-50m	5/25/21	1127	0.08	2.4	0.90	12.6	0.24	3.4	3.9	109	0.21	6.6	5.5	77	0.09	35.63	25.7	8.05	6.90	0.11
Geomean	FY '21		4.1		5.6		4.6				9.1		76		0.06					0.17
T2-50m	9/24/21	909	0.05	1.6	0.27	3.8	0.19	2.6	-0.1	-2	0.25	7.6	4.9	69	0.10	35.56	26.6	8.02	6.65	0.10
T2-50m	12/14/21	1008	0.06	1.9	0.26	3.6	0.15	2.1	0.5	15	0.26	8.2	4.7	66	0.08	35.11	25.9	8.13	6.79	0.15
T2-50m	3/16/22	929	0.14	4.3	0.62	8.7	0.11	1.5	4.6	130	0.34	10.4	4.8	68	0.07	34.82	25.4	8.06	6.87	0.23
T2-50m	6/8/22	951	0.12	3.7	0.29	4.0	0.30	4.2	1.4	40	0.28	8.7	4.9	69	0.11	34.49	26.3	8.05	6.51	0.31
Geomean	FY '22		2.6		4.7		2.4				8.7		68		0.09					0.18
T2-50m	9/21/22	930	0.02	0.6	0.08	1.1	0.04	0.6	0.0	1	0.27	8.3	4.5	63	0.12	34.94	27.0	8.12	6.67	0.22
T2-50m	12/27/22	1004	0.08	2.5	0.09	1.3	0.07	1.0	0.2	6	0.17	5.3	4.9	69	0.13	34.96	25.8	8.14	6.74	0.29
T2-50m	3/16/22	1017	0.13	4.0	0.61	8.6	0.26	3.7	2.2	61	0.22	6.7	4.8	67	0.09	34.70	24.4	8.10	7.04	0.27
T2-50m	5/31/23	950	0.05	1.4	0.58	8.1	0.12	1.7	2.8	78	0.22	6.8	5.4	75	0.11	34.69	25.7	8.07	6.63	0.16
Geomean	FY '23		1.7		3.2		1.4				6.7		68		0.11					0.23

NELHA Water Quality Laboratory

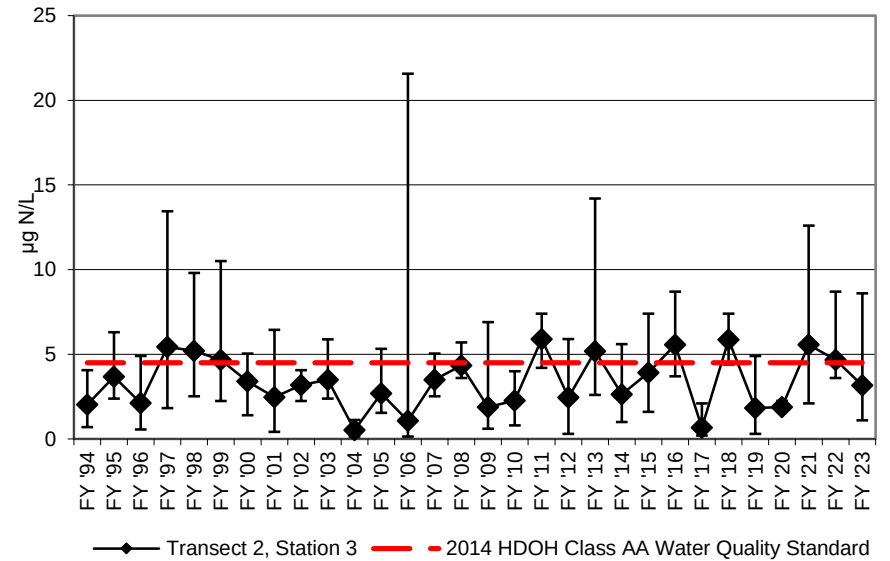
Transect 2, Station 3

7/27/1993 - 7/10/2025

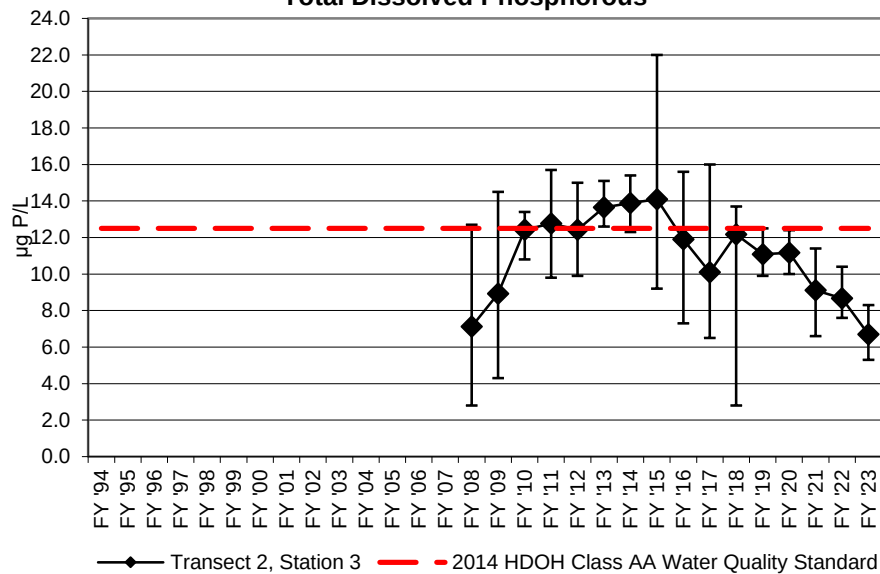
**Yearly Geometric Mean
Ortho-Phosphate**



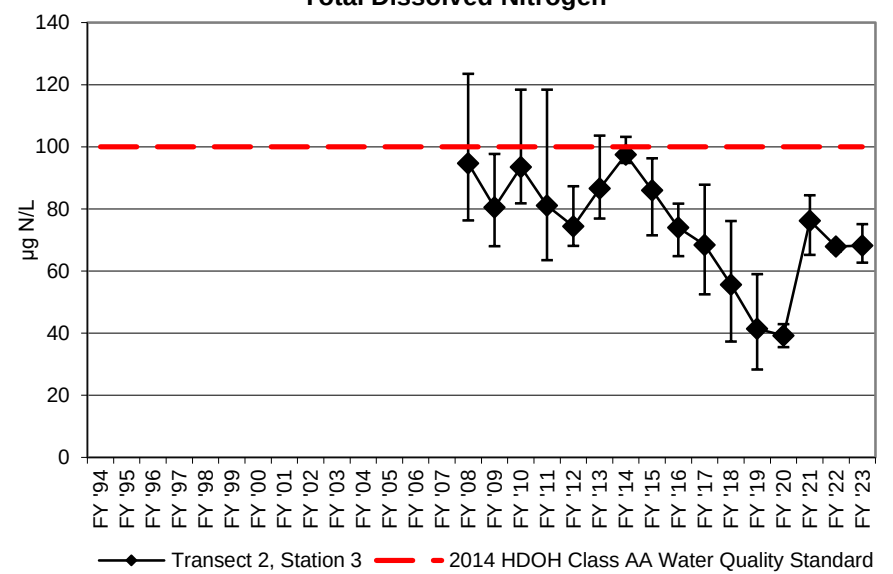
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

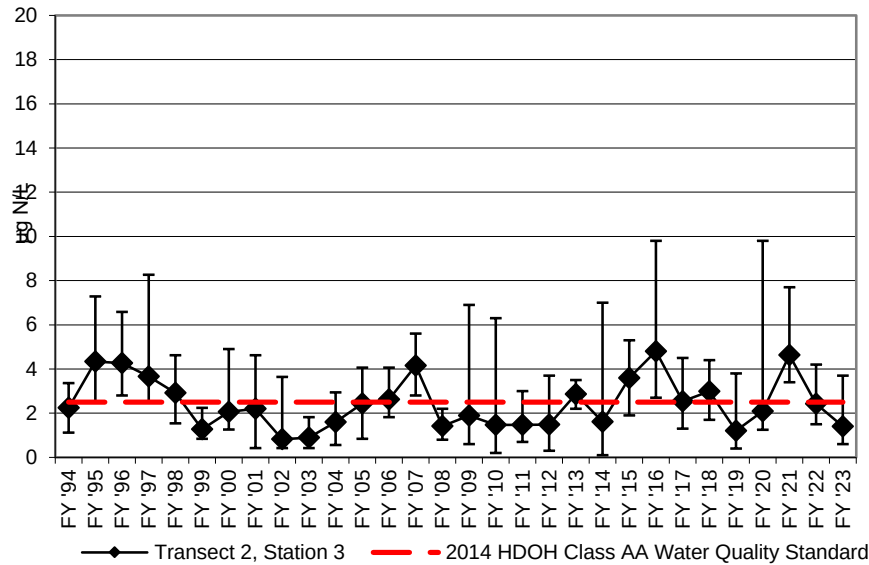


NELHA Water Quality Laboratory

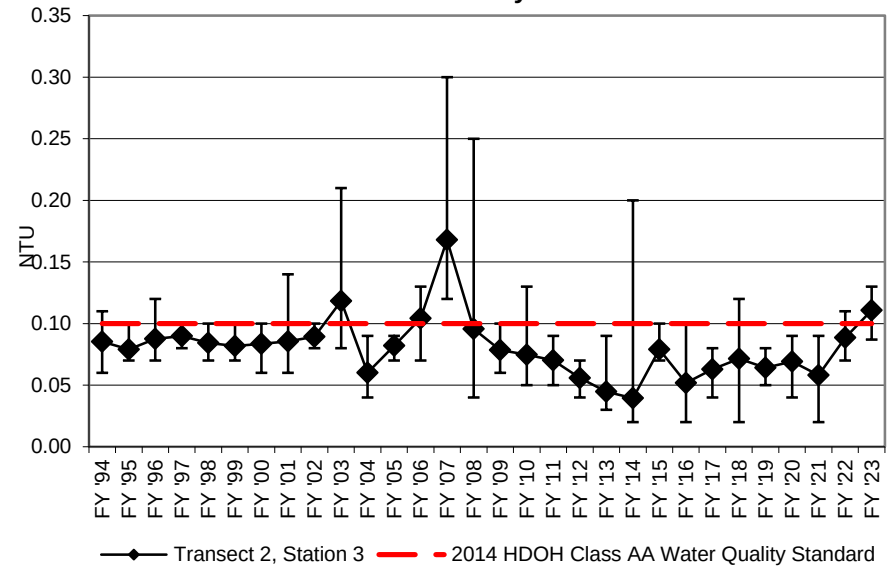
Transect 2, Station 3

7/27/1993 - 7/10/2025

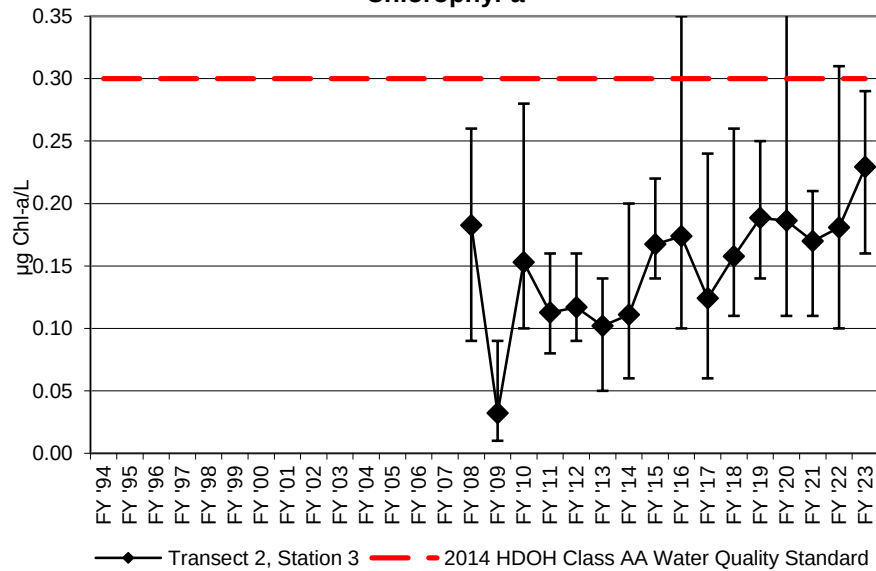
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 2, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-4S-53r	7/27/93	942	0.11	3.4	0.06	0.8	0.21	2.9	4.4	123					0.10	34.422	26.7			
O2-4S-53r	12/7/93	908	0.09	2.8	0.21	2.9	0.22	3.1	3.6	102					0.08	34.787	25.6			
O2-4S-53r	3/16/94	907	0.17	5.3	0.24	3.4	0.18	2.5	4.7	131					0.08	34.469	24.6			
O2-4S-53r	6/14/94	849	0.12	3.7	0.10	1.4	0.01	0.1	2.7	76					0.10	34.545	25.2			
Geomean FY '94			3.7		1.8		1.3								0.09					
O2-4S-53r	9/8/94	1016	0.09	2.8	0.18	2.5	0.20	2.8	2.8	79					0.08	34.616	27.6			
O2-4S-53r	11/16/94	813	0.14	4.3	0.14	2.0	0.51	7.1	2.6	74					0.07	34.592	26.0			
O2-4S-53r	3/21/95	959	0.19	5.9	0.16	2.2	0.20	2.8	3.2	89					0.10	34.216	25.1			
O2-4S-53r	6/26/95	817	0.11	3.4	0.17	2.4	0.42	5.9	2.1	58					0.06	34.558	26.5			
Geomean FY '95			3.9		2.3		4.3								0.08					
O2-4S-53r	9/25/95	1053	0.10	3.1	0.11	1.5	0.10	1.4	7.0	198					0.09	34.537	27.3			
O2-4S-53r	11/13/95	954	0.11	3.4	0.18	2.5	0.43	6.0	1.6	44					0.07	34.391	26.8			
O2-4S-53r	3/11/96	1045	0.11	3.4	0.21	2.9	0.43	6.0	2.2	62					0.11	34.244	25.3			
O2-4S-53r	5/13/96	950	0.10	3.1	0.02	0.3	0.23	3.2	1.8	50					0.06	34.315	26.8			
Geomean FY '96			3.2		1.3		3.6								0.08					
O2-4S-53r	7/30/96	935	0.11	3.4	1.02	14.3	0.18	2.5	3.7	104					0.08	34.473	27.9			
O2-4S-53r	10/1/96	1024	0.08	2.5	0.14	2.0	0.59	8.3	2.0	56					0.09	34.738	27.8			
O2-4S-53r	1/6/97	1051	0.09	2.8	0.23	3.2	0.24	3.4	3.6	100					0.08	34.664	25.7			
O2-4S-53r	4/21/97	1032	0.12	3.7	0.76	10.6	0.25	3.5	2.8	78					0.09	34.529	26.4			
Geomean FY '97			3.1		5.6		4.0								0.08					
O2-4S-53r	8/18/97	1023	0.12	3.7	0.65	9.1	0.23	3.2	7.3	206					0.10	34.507	26.8			
O2-4S-53r	10/6/97	1053	0.09	2.8	0.08	1.1	0.32	4.5	14.6	410					0.11	34.729	27.5			
O2-4S-53r	3/3/98	1026	0.07	2.2	0.14	2.0	0.19	2.7	3.2	91					0.07	35.007	24.9			
O2-4S-53r	5/4/98	956	0.12	3.7	0.69	9.7	0.13	1.8	7.3	206					0.08	34.917	23.8			
Geomean FY '98			3.0		3.7		2.9								0.09					
O2-4S-53r	7/6/98	1054	0.12	3.7	0.59	8.3	0.07	1.0	5.6	158					0.09	34.943	26.3			
O2-4S-53r	10/5/98	1032	0.08	2.5	0.08	1.1	0.11	1.5	1.4	40					0.08	35.123	27.3			
O2-4S-53r	1/13/99	1042	0.11	3.4	0.56	7.8	0.10	1.4	4.5	126					0.07	35.043	25.0			
O2-4S-53r	4/12/99	1021	0.13	4.0	0.27	3.8	0.08	1.1	4.1	116					0.08	34.686	24.1			
Geomean FY '99			3.4		4.1		1.2								0.08					

NELHA Water Quality Laboratory

Transect 2, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-4S-53r	7/6/99	1035	0.09	2.8	0.13	1.8	0.11	1.5	3.8	106					0.09	34.950	25.7			
O2-4S-53r	10/4/99	1115	0.12	3.7	0.34	4.8	0.14	2.0	5.1	142					0.08	34.911	26.1			
O2-4S-53r	1/4/00	1059	0.10	3.1	0.32	4.5	0.35	4.9	3.5	98					0.07	35.092	24.8			
O2-4S-53r	4/17/00	1047	0.13	4.0	0.36	5.0	0.15	2.1	3.7	103					0.06	34.611	24.3			
Geomean FY '00			3.4		3.7		2.4								0.07					
O2-4S-53r	7/24/00	1106	0.11	3.4	0.29	4.1	0.09	1.3	3.7	103					0.06	34.881	27.2			
O2-4S-53r	10/30/00	1121	0.13	4.0	0.04	0.6	0.31	4.3	3.8	106					0.06	34.950	27.1			
O2-4S-53r	2/26/01	1111	0.16	5.0	0.37	5.2	0.19	2.7	5.0	140					0.12	34.711	24.9			
O2-4S-53r	5/7/01	1119	0.12	3.7	0.37	5.2	0.33	4.6	3.6	100					0.13	34.845	24.6			
Geomean FY '01			4.0		2.8		2.9								0.09					
O2-4S-53r	8/21/01	1015	0.09	2.8	0.10	1.4	0.02	0.3	2.0	57					0.06	34.807	26.6			
O2-4S-53r	10/8/01	1035	0.13	4.0	0.08	1.1	0.06	0.8	2.3	65					0.06	34.948	27.3			
O2-4S-53r	3/5/02	949	0.15	4.6	0.33	4.6	0.03	0.4	4.8	135					0.13	34.680	24.1			
O2-4S-53r	4/17/02	955	0.16	5.0	0.32	4.5	0.23	3.2	18.9	530					0.08	34.463	25.4			
Geomean FY '02			4.0		2.4		0.8								0.08					
O2-4S-53r	7/8/02	1113	0.18	5.6	0.24	3.4	0.15	2.1	3.5	99					0.12	34.643	26.6			
O2-4S-53r	10/9/02	946	0.06	1.9	0.16	2.2	0.12	1.7	2.5	69					0.07	34.944	27.0			
O2-4S-53r	3/12/03	1108	0.10	3.1	0.13	1.8	0.03	0.4	3.5	99					0.07	34.786	25.2			
O2-4S-53r	4/22/03	1110	0.08	2.5	0.28	3.9	0.04	0.6	2.7	77					0.06	35.013	25.1			
Geomean FY '03			3.0		2.7		1.0								0.08					
O2-4S-53r	8/18/03	1230	0.06	1.9	0.08	1.1	0.20	2.8	2.5	70					0.04	34.824	28.2			
O2-4S-53r	10/29/03	1120	0.03	0.9	0.03	0.4	0.10	1.4	2.3	65					0.09	34.839	27.6			
O2-4S-53r	3/11/04	1007	0.12	3.7	0.01	0.1	0.04	0.6	1.7	47					n/a	34.353	25.7			
O2-4S-53r	5/20/04	1037	0.11	3.4	0.01	0.1	0.19	2.7	1.4	38					n/a	33.47	27.0			
Geomean FY '04			2.2		0.3		1.6								0.06					
O2-4S-53r	9/20/04	952	0.09	2.8	0.05	0.7	0.22	3.1	1.9	52					0.09	33.77	27.8			
O2-4S-53r	11/17/04	925	0.10	3.1	0.13	1.8	0.27	3.8	2.1	58					0.07	33.58	26.7			
O2-4S-53r	1/13/05	1047	0.07	2.2	0.19	2.7	0.06	0.8	3.0	85					0.08	34.849	24.8			
O2-4S-53r	4/11/05	1048	0.13	4.0	0.31	4.3	0.24	3.4	2.8	79					0.08	34.575	25.3			
Geomean FY '05			2.9		2.0		2.4								0.08					

NELHA Water Quality Laboratory

Transect 2, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-4S-53rr	7/20/05	1034	0.05	1.5	0.01	0.1	0.13	1.8	1.4	38					0.10	34.743	26.8			
O2-4S-53rr	10/11/05	919	0.07	2.2	0.02	0.3	0.19	2.7	2.5	69					0.14	34.904	26.5			
O2-4S-53rr	3/13/06	1028	0.09	2.8	0.12	1.7	0.35	4.9	8.8	247					0.09	34.823	24.6			
O2-4S-53rr	5/15/06	1002	0.12	3.7	1.27	17.8	0.07	1.0	13.8	388					0.11	34.396	24.8			
Geomean FY '06			2.4		1.0		2.2								0.11					
O2-4S-53rr	8/14/06	956	0.13	4.0	0.41	5.7	0.17	2.4	3.3	92					0.15	34.597	26.0			
O2-4S-53rr	11/1/06	1006	0.08	2.5	0.21	2.9	0.42	5.9	2.3	65					0.28	34.799	26.9			
O2-4S-53rr	2/12/07	1028	0.13	4.0	0.24	3.4	0.43	6.0	2.5	70					0.23	34.569	24.5			
O2-4S-53rr	4/9/07	957	0.12	3.7	0.20	2.8	0.25	3.5	3.8	106					0.16	34.68	25.1			
Geomean FY '07			3.5		3.6		4.1								0.20					
T2-100m	9/26/07	1009	0.13	4.0	0.07	1.0	0.07	1.0	12.6	353	0.01	0.4	6.7	94	0.05	34.977	26.9	8.18	6.27	0.08
T2-100m	12/13/07	1131	0.09	2.7	0.06	0.8			11.7	328	0.26	8.1	7.4	103	0.18	34.700	25.8	8.23	6.42	0.25
T2-100m	3/10/08	1022	0.19	6.0	0.38	5.3	0.06	0.8	3.5	98	0.33	10.1	8.6	121	0.17	34.886	25.1	8.27	6.69	0.32
T2-100m	6/5/08	1022	0.12	3.7	0.22	3.1	0.16	2.2	24.2	679	0.29	9.0	10.5	147	0.05	34.8205	25.1	8.07	6.55	0.15
Geomean FY '08			3.9		1.9		1.2				4.1		115		0.09					0.18
T2-100m	9/22/08	1127	0.04	1.3	0.05	0.7	0.16	2.3	1.4	40	0.27	8.4	4.6	65	0.08	34.830	26.8	8.05	6.73	0.07
T2-100m	11/17/08	1006	0.16	4.9	0.06	0.8	0.14	1.9	2.1	59	0.34	10.6	5.2	73	0.06	34.978	25.8	8.26	5.82	0.04
T2-100m	2/9/09	1009	0.06	1.8	0.10	1.4	0.12	1.7	1.5	43	0.11	3.3	6.9	97	0.06	35.127	24.8	8.07	6.03	0.01
T2-100m	4/13/09	956	0.23	7.1	0.12	1.7	0.33	4.6	2.9	80	0.43	13.4	5.3	75	0.10	34.989	24.0	8.19	5.99	0.15
Geomean FY '09			3.0		1.1		2.4				7.9		76		0.07					0.05
T2-100m	9/9/09	1007	0.21	6.5	0.16	2.2	0.10	1.4	10.6	298	0.52	16.0	7.1	99	0.06	35.19	26.8	8.20	5.82	0.24
T2-100m	11/23/09	1019	0.03	0.8	0.09	1.2	0.06	0.8	52.2	1466	0.42	13.1	5.6	78	0.06	35.18	25.4	8.25	6.06	0.12
T2-100m	2/23/10	1024	0.15	4.8	0.18	2.5	0.29	4	13.5	380	0.36	11.1	7.2	101	0.06	35.07	24.6	8.18	6.03	0.23
T2-100m	5/25/10	1040	0.03	0.9	0.06	0.9	0.11	1.5	4.6	130	0.36	11.3	6.4	90	0.09	34.99	24.9	8.22	6.88	0.08
Geomean FY '10			2.2		1.6		1.6				12.7		92		0.07					0.15
T2-100m	8/10/10	1021	0.05	1.6	0.52	7.3	0.01	0.2	3.9	109	0.52	16	7.1	99	0.05	34.89	26.13	8.22	6.34	0.13
T2-100m	11/8/10	1007	0.00	0.1	0.16	2.2	0.14	1.9	7.5	210	0.33	10.3	5.9	83	0.11	35.26	26.45	8.25	6.16	0.09
T2-100m	1/11/11	1023	0.13	4	0.27	3.8	0.11	1.5	2.7	75	0.45	13.8	3.9	55	0.08	34.95	24.95	8.23	6.32	0.11
T2-100m	4/26/11	1023	0.09	2.8	0.31	4.3	0.06	0.8	1.7	47	0.43	13.4	4.0	56	0.10	34.98	25.00	8.21	6.42	0.11
Geomean FY '11			1.2		4.0		0.8				13.2		71		0.08					0.11

NELHA Water Quality Laboratory

Transect 2, Station 4

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-100m	7/26/11	1050	0.19	5.9	0.36	5	0.14	1.9	2.3	64	0.47	14.7	4.1	57	0.06	34.79	25.98	8.25	6.52	0.11
T2-100m	10/18/11	1012	0.01	0.2	0.03	0.4	0.21	3	1.4	41	0.29	9	3.9	55	0.06	35.06	26.57	8.22	6.84	0.13
T2-100m	1/25/12	1037	0.07	2.2	0.06	0.9	0.08	1.1	2.4	67	0.38	11.8	4.4	62	0.06	34.04	24.63	8.20	6.71	0.03
T2-100m	4/24/12	1103	0.14	4.3	0.31	4.3	0.13	1.8	2.5	70	0.42	13.1	4.1	58	0.11	35.09	24.82	8.25	6.68	0.27
Geomean FY '12			1.8		1.7		1.8				12.0		58		0.07					0.10
T2-100m	7/24/12	1025	0.03	0.9	0.28	3.9	0.19	2.6	2.1	58	0.35	10.8	4.7	66	0.05	35.06	26.28	8.24	6.61	0.14
T2-100m	11/27/12	1011	0.07	2.1	0.42	5.9	0.10	1.4	3.8	106	0.45	13.8	5.1	71	0.03	35.18	25.11	8.20	6.83	0.15
T2-100m	1/23/13	1019	0.06	2	0.09	1.3	0.14	1.9	1.2	34	0.45	13.8	5.8	81	0.05	35.12	24.70	8.22	6.30	0.06
T2-100m	4/16/13	1027	0.14	4.2	0.08	1.1	0.18	2.5	0.0	1	0.47	14.5	4.9	68	0.03	35.15	24.92	8.22	6.79	0.05
Geomean FY '13			2.0		2.4		2.0				13.1		71		0.04					0.09
T2-100m	8/1/13	935	0.02	0.6	0.19	2.7	0.03	0.4	5.2	147	0.67	20.7	6.2	87	0.18	35.18	26.1	8.25	6.67	0.13
T2-100m	10/29/13	1005	0.14	4.2	0.26	3.7	0.49	6.9	2.3	65	0.46	14.3	5.9	83	0.08	35.30	27.0	8.21	6.25	0.17
T2-100m	2/4/14	1014	0.10	3.1	0.33	4.6	0.54	7.6	2.4	67	0.41	12.6	5.9	83	0.02	34.94	25.2	8.21	6.38	0.16
T2-100m	5/6/14	1015	0.08	2.4	0.13	1.8	0.22	3.1	2.4	66	0.41	12.8	5.6	78	0.05	34.81	26.0	8.21	6.08	0.15
Geomean FY '14			2.1		3.0		2.8				14.8		82		0.06					0.15
T2-100m	8/5/14	1021	0.18	5.5	0.26	3.7	0.41	5.7	2.3	66	0.52	16.2	5.8	81	0.09	34.94	26.8	8.22	5.98	0.15
T2-100m	11/17/14	1156	0.16	4.9	0.09	1.3	0.24	3.3	0.2	5	0.48	14.9	5.5	77	0.08	34.94	27.1	8.21	6.77	0.22
T2-100m	3/3/15	1022	0.10	3.0	0.25	3.5	0.13	1.8	2.3	66	0.33	10.3	7.4	104	0.08	34.84	25.6	8.17	6.79	0.14
T2-100m	6/16/15	1134	0.11	3.3	0.55	7.7	0.23	3.2	3.8	106	0.43	13.3	4.9	69	0.06	34.26	26.5	8.19	6.03	0.19
Geomean FY '15			4.0		3.4		3.2				13.5		82		0.08					0.17
T2-100m	8/26/15	1119	0.12	3.8	0.21	2.9	0.16	2.2	4.1	115	0.37	11.5	4.7	65	0.04	34.45	28.5	8.22	6.02	0.47
T2-100m	11/17/15	1031	0.16	4.9	0.46	6.4	0.10	1.4	3.9	110	0.50	15.5	5.0	70	0.07	33.97	27.4	8.23	6.23	0.12
T2-100m	3/1/16	1035	0.15	4.7	0.20	2.8	0.42	5.9	0.7	20	0.48	14.8	4.6	65	0.08	34.78	25.4	8.25	5.84	0.15
T2-100m	5/3/16	1004	0.10	3.2	0.16	2.3	0.05	0.7	0.2	7	0.38	11.7	4.2	59	0.07	34.69	25.6	8.24	6.28	0.22
Geomean FY '16			4.1		3.3		1.9				13.3		65		0.06					0.21
T2-100m	7/6/16	1110	0.08	2.4	0.02	0.3	0.23	3.2	0.0	1	0.47	14.5	5.4	75	0.07	34.60	26.9	8.27	6.55	0.23
T2-100m	12/20/16	1045	0.04	1.2	0.16	2.3	0.16	2.3	1.7	47	0.33	10.3	3.1	43	0.02	34.72	25.6	8.27	5.66	0.14
T2-100m	2/28/17	941	0.02	0.6	0.01	0.1	0.28	3.9	0.2	5	0.29	9.0	4.6	65	0.07	34.70	24.7	8.23	5.75	0.09
T2-100m	5/10/17	937	0.05	1.7	0.08	1.1	0.07	1.0	0.7	21	0.21	6.6	3.3	46	0.07	34.76	25.7	8.21	4.11	0.09
Geomean FY '17			1.3		0.5		2.3				9.7		56		0.05					0.13

NELHA Water Quality Laboratory

Transect 2, Station 4

7/27/1993 - 7/10/2025

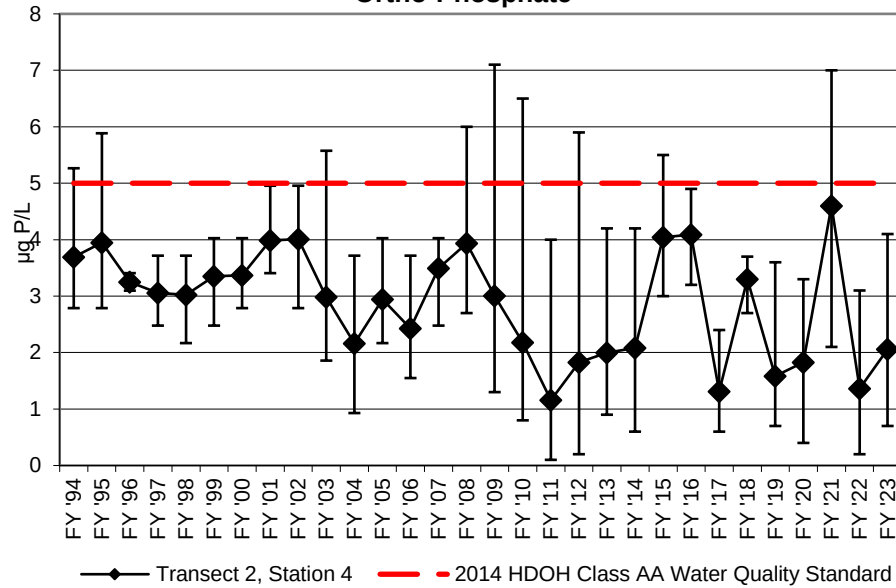
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-100m	9/27/17	1026	0.11	3.3	0.16	2.2	0.15	2.1	1.0	27	0.41	12.7	2.5	35	0.09	34.80	27.8	8.20	4.29	0.18
T2-100m	11/28/17	1128	0.12	3.7	0.35	4.9	0.21	2.9	2.4	69	0.38	11.9	3.1	43	0.07	35.04	26.2	8.20	4.75	0.19
T2-100m	1/30/18	1105	0.12	3.6	0.31	4.4	0.16	2.3	1.9	54	0.37	11.5	2.4	33	0.07	34.88	24.6	8.15	5.33	0.14
T2-100m	5/16/18	1102	0.09	2.7	0.09	1.2	0.11	1.6	3.6	100	0.33	10.1	1.5	21	0.02	34.71	25.6	8.16	5.96	0.10
Geomean FY '18			3.3		2.7		2.2				11.5		32		0.05					0.15
T2-100m	9/24/18	1037	0.02	0.7	0.16	2.3	0.13	1.8	0.5	14	0.31	9.5	1.9	26	0.08	34.80	27.8	8.17	5.15	0.23
T2-100m	11/13/18	1105	0.03	0.8	0.20	2.8	0.25	3.5	0.2	6	0.34	10.4	3.4	48	0.08	35.03	27.3	8.22	4.39	0.15
T2-100m	1/22/19	1052	0.10	3.1	0.01	0.2	0.03	0.4	0.0	0	0.38	11.7	1.9	27	0.05	35.00	25.1	8.22	5.66	0.18
T2-100m	4/16/19	1057	0.12	3.6	0.05	0.7	0.16	2.2	1.5	42	0.37	11.6	2.4	34	0.04	35.61	25.9	8.15	7.17	0.12
Geomean FY '19			1.6		1.0		1.5				10.8		33		0.06					0.17
T2-100m	8/13/19	1034	0.01	0.4	0.16	2.3	0.26	3.6	3.3	93	0.29	9.1	2.5	35	0.13	35.58	28.3	8.22	6.45	0.18
T2-100m	11/20/19	1045	0.09	2.9	0.06	0.9	0.39	5.5	0.5	14	0.41	12.6	2.2	31	0.10	35.30	27.5	8.22	6.54	0.14
T2-100m	1/22/20	1026	0.11	3.3	0.16	2.3	0.09	1.3	-0.1	-3	0.39	12.0	2.6	36	0.04	34.92	25.1	8.21	6.68	0.12
T2-100m	6/24/20	1055	0.09	2.9	0.16	2.3	0.09	1.3	1.4	39	0.30	9.4	2.2	31	0.03	35.42	25.8	8.18	6.69	0.39
Geomean FY '20			1.8		1.8		2.4				10.7		33		0.06					0.19
T2-100m	9/22/20	1050	0.16	5.0	0.04	0.5	0.56	7.8	1.2	34	0.30	9.4	5.4	76	0.02	35.49	26.5	8.17	5.02	0.27
T2-100m	12/15/20	1139	0.20	6.1	1.49	20.9	0.39	5.4	9.4	265	0.30	9.2	6.8	95	0.08	35.36	26.8	8.13	6.86	0.25
T2-100m	3/9/21	1056	0.23	7.0	0.19	2.6	0.21	3.0	0.1	2	0.44	13.5	4.0	57	0.06	35.72	24.7	8.11	6.79	0.16
T2-100m	5/25/21	1133	0.07	2.1	2.21	30.9	0.36	5.1	5.3	148	0.21	6.6	5.4	76	0.09	35.55	25.7	8.05	6.86	0.11
Geomean FY '21			4.6		5.4		5.0				9.4		74		0.05					0.19
T2-100m	9/24/21	914	0.01	0.2	0.04	0.6	0.08	1.1	-0.4	-11	0.17	5.2	4.2	59	0.05	35.56	26.7	8.03	6.63	0.15
T2-100m	12/14/21	1014	0.06	1.9	0.14	2.0	0.06	0.9	0.3	7	0.26	8.1	4.3	60	0.05	35.11	25.9	8.13	6.68	0.16
T2-100m	3/16/22	935	0.09	2.9	0.05	0.7	0.07	1.0	0.4	10	0.34	10.4	4.2	58	0.09	34.90	25.5	8.07	6.82	0.22
T2-100m	6/8/22	956	0.10	3.1	0.18	2.5	0.24	3.3	0.9	27	0.26	8.1	4.4	61	0.07	34.49	26.3	8.07	6.64	0.27
Geomean FY '22			1.4		1.2		1.3				7.7		60		0.06					0.19
T2-100m	9/21/22	936	0.08	2.5	0.07	1.0	0.03	0.4	-0.2	-7	0.23	7.2	4.3	60	0.12	34.95	26.9	8.13	6.69	0.32
T2-100m	12/27/22	1009	0.08	2.5	0.07	1.0	0.10	1.4	0.5	13	0.22	6.9	4.6	64	0.08	34.95	25.7	8.14	6.71	0.28
T2-100m	3/16/22	1022	0.13	4.1	0.34	4.8	0.16	2.2	1.7	49	0.22	6.8	4.3	61	0.09	34.73	24.3	8.10	6.99	0.17
T2-100m	5/31/23	955	0.02	0.7	0.36	5.0	0.04	0.5	2.0	57	0.20	6.2	4.6	64	0.11	34.71	25.7	8.07	6.66	0.15
Geomean FY '23			2.1		2.2		0.9				6.8		62		0.10					0.22

NELHA Water Quality Laboratory

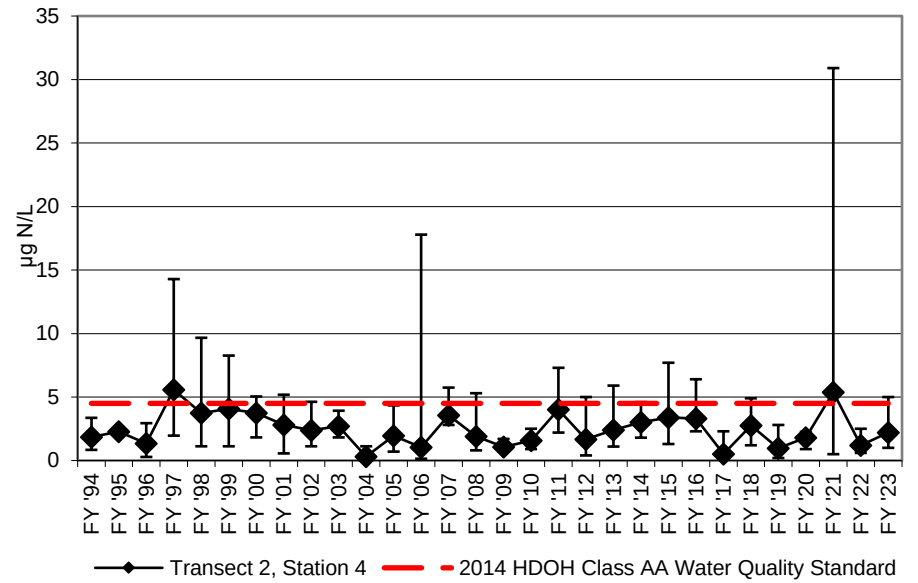
Transect 2, Station 4

7/27/1993 - 7/10/2025

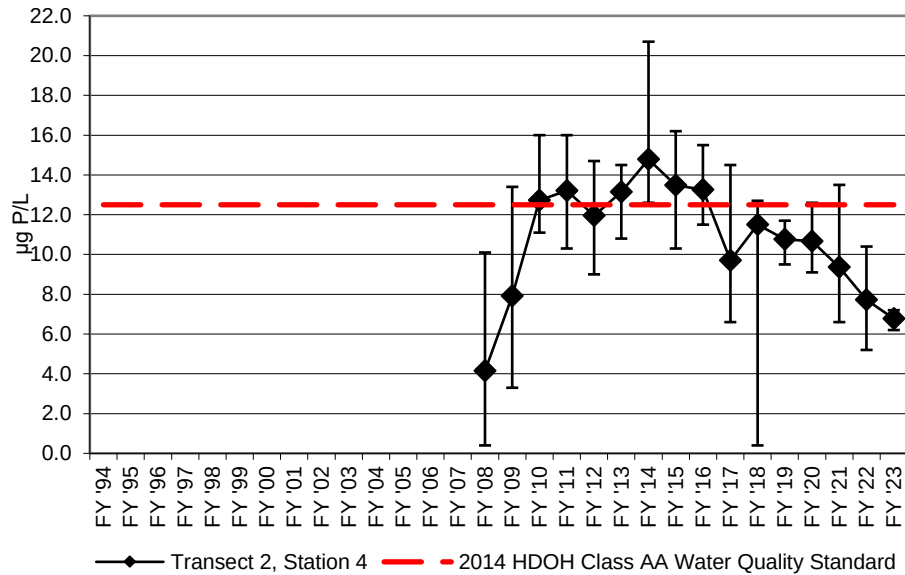
**Yearly Geometric Mean
Ortho-Phosphate**



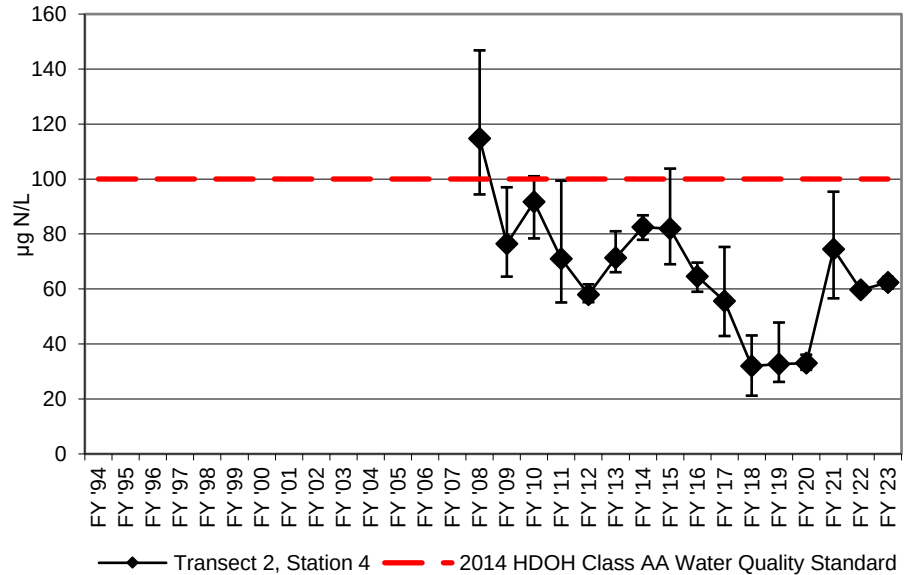
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

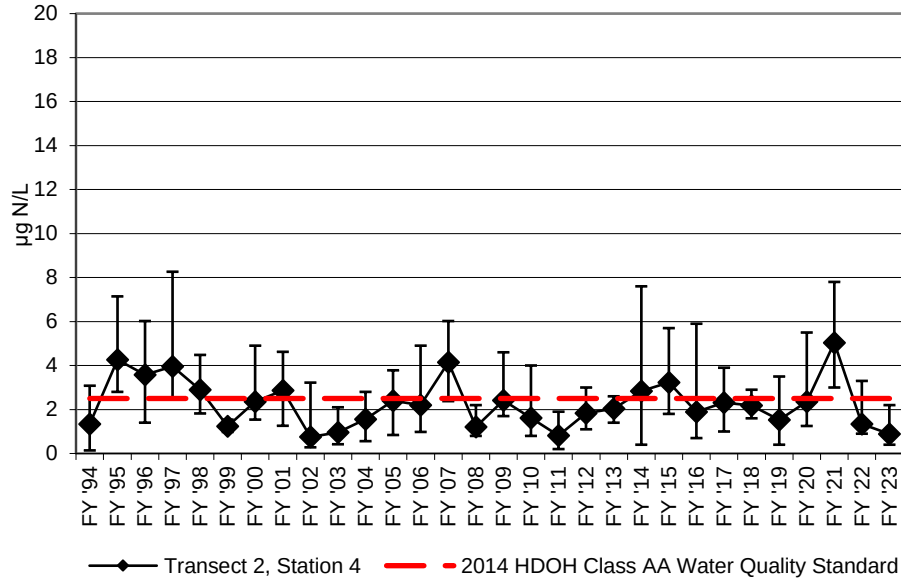


NELHA Water Quality Laboratory

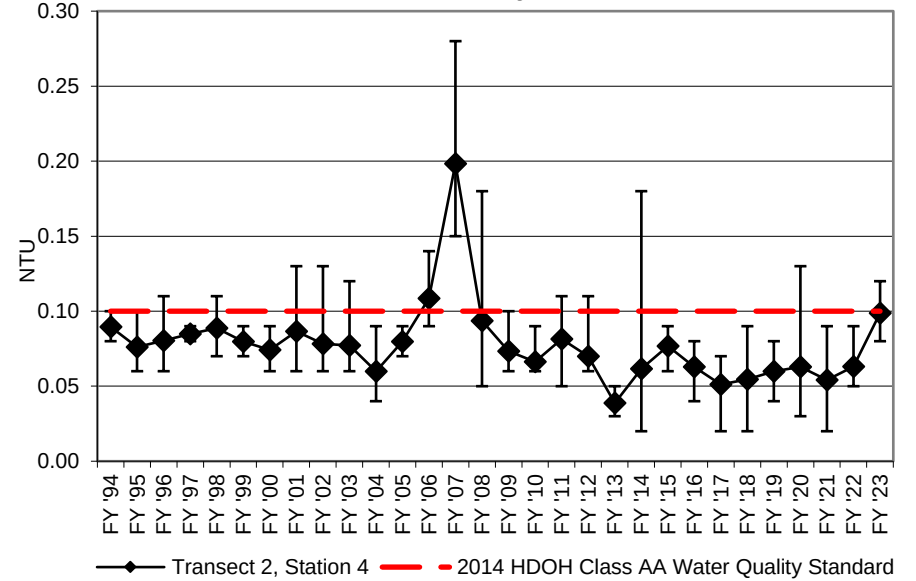
Transect 2, Station 4

7/27/1993 - 7/10/2025

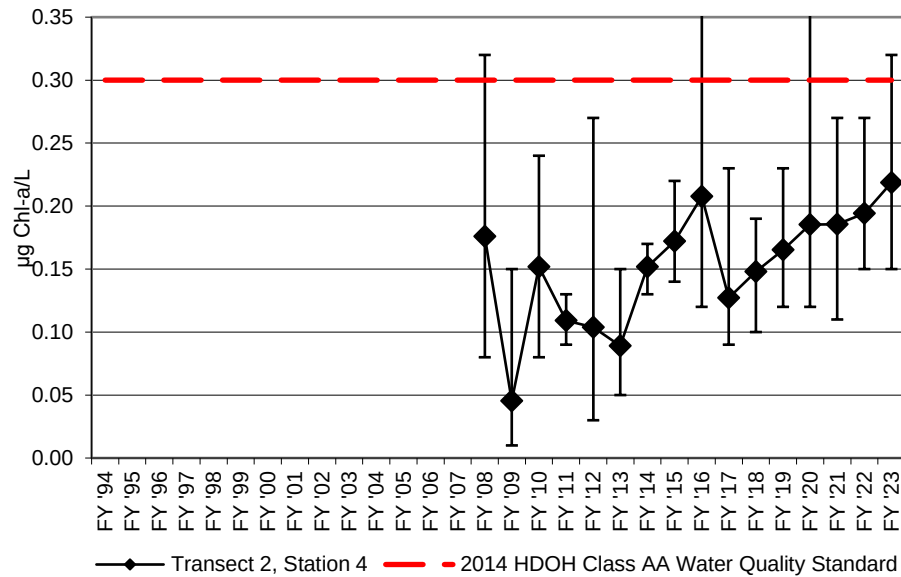
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



NELHA Water Quality Laboratory

Transect 2, Station 5

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-5S-69n	7/27/93	933	0.08	2.5	0.06	0.8	0.27	3.8	2.4	67					0.08	34.447	26.7			
O2-5S-69n	12/7/93	858	0.09	2.8	0.13	1.8	0.12	1.7	3.9	108					0.07	34.809	25.6			
O2-5S-69n	3/16/94	858	0.16	5.0	0.19	2.7	0.17	2.4	3.9	109					0.09	34.490	24.6			
O2-5S-69n	6/14/94	842	0.09	2.8	0.16	2.2	0.25	3.5	2.8	78					0.08	34.582	25.2			
Geomean FY '94			3.1		1.7		2.7								0.08					
O2-5S-69n	9/8/94	1012	0.09	2.8	0.16	2.2	0.25	3.5	2.8	78					0.07	34.611	27.6			
O2-5S-69n	11/16/94	809	0.14	4.3	0.17	2.4	0.52	7.3	2.9	81					0.07	34.590	26.0			
O2-5S-69n	3/21/95	950	0.19	5.9	0.02	0.3	0.11	1.5	4.4	123					0.09	34.238	25.1			
O2-5S-69n	6/26/95	815	0.11	3.4	0.16	2.2	0.48	6.7	1.9	53					0.06	34.560	26.5			
Geomean FY '95			3.9		1.4		4.0								0.07					
O2-5S-69n	9/25/95	1102	0.10	3.1	0.15	2.1	0.17	2.4	3.9	108					0.08	34.511	27.2			
O2-5S-69n	11/13/95	949	0.12	3.7	0.18	2.5	0.43	6.0	2.0	56					0.06	34.385	26.8			
O2-5S-69n	3/11/96	1040	0.11	3.4	0.18	2.5	0.41	5.7	2.2	62					0.07	34.254	25.1			
O2-5S-69n	5/13/96	945	0.08	2.5	0.07	1.0	0.23	3.2	1.5	42					0.04	34.323	26.9			
Geomean FY '96			3.1		1.9		4.0								0.06					
O2-5S-69n	7/30/96	930	0.09	2.8	0.51	7.1	0.17	2.4	3.0	85					0.08	34.472	27.9			
O2-5S-69n	10/1/96	1019	0.07	2.2	0.12	1.7	0.61	8.5	1.9	52					0.08	34.724	27.8			
O2-5S-69n	1/6/97	1046	0.09	2.8	0.20	2.8	0.18	2.5	3.1	87					0.12	34.680	25.7			
O2-5S-69n	4/21/97	1027	0.10	3.1	0.72	10.1	0.21	2.9	3.0	85					0.09	34.523	26.3			
Geomean FY '97			2.7		4.3		3.5								0.09					
O2-5S-69n	8/18/97	1018	0.11	3.4	0.61	8.5	0.21	2.9	8.3	234					0.10	34.491	26.9			
O2-5S-69n	10/6/97	1046	0.08	2.5	0.09	1.3	0.37	5.2	4.3	120					0.07	34.723	27.5			
O2-5S-69n	3/3/98	1018	0.07	2.2	0.15	2.1	0.21	2.9	3.5	99					0.08	34.997	24.9			
O2-5S-69n	5/4/98	949	0.13	4.0	0.97	13.6	0.13	1.8	8.8	248					0.10	34.864	23.8			
Geomean FY '98			2.9		4.2		3.0								0.09					
O2-5S-69n	7/6/98	1047	0.13	4.0	0.65	9.1	0.14	2.0	6.4	180					0.09	34.941	26.2			
O2-5S-69n	10/5/98	1022	0.07	2.2	0.01	0.1	0.08	1.1	2.9	83					0.07	35.126	27.5			
O2-5S-69n	1/13/99	1035	0.06	1.9	0.08	1.1	0.01	0.1	2.5	71					0.06	35.097	25.0			
O2-5S-69n	4/12/99	1013	0.13	4.0	0.37	5.2	0.10	1.4	5.2	145					0.07	34.641	24.1			
Geomean FY '99			2.8		1.6		0.8								0.07					

NELHA Water Quality Laboratory

Transect 2, Station 5

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-5S-69r	7/6/99	1027	0.09	2.8	0.08	1.1	0.06	0.8	2.5	69					0.11	34.969	25.8			
O2-5S-69r	10/4/99	1106	0.13	4.0	0.31	4.3	0.14	2.0	4.8	134					0.14	34.926	26.0			
O2-5S-69r	1/4/00	1052	0.10	3.1	0.58	8.1	0.35	4.9	3.9	109					0.08	35.079	24.9			
O2-5S-69r	4/17/00	1042	0.14	4.3	0.11	1.5	0.01	0.1	10.3	289					0.05	34.647	24.3			
Geomean FY '00			3.5		2.8		1.0								0.09					
O2-5S-69r	7/24/00	1100	0.10	3.1	0.27	3.8	0.06	0.8	3.1	86					0.07	34.958	27.3			
O2-5S-69r	10/30/00	1110	0.12	3.7	0.03	0.4	0.32	4.5	3.6	100					0.06	34.964	27.0			
O2-5S-69r	2/26/01	1106	0.15	4.6	0.13	1.8	0.20	2.8	6.7	189					0.10	34.731	24.8			
O2-5S-69r	5/7/01	1114	0.13	4.0	0.27	3.8	0.33	4.6	7.9	221					0.09	34.847	24.6			
Geomean FY '01			3.8		1.8		2.6								0.08					
O2-5S-69r	8/21/01	1008	0.11	3.4	0.29	4.1	0.02	0.3	4.0	112					0.10	34.780	26.7			
O2-5S-69r	10/8/01	1030	0.12	3.7	0.09	1.3	0.05	0.7	2.7	74					0.09	34.950	27.4			
O2-5S-69r	3/5/02	944	0.14	4.3	0.20	2.8	0.02	0.3	2.8	80					0.11	34.702	24.1			
O2-5S-69r	4/17/02	951	0.14	4.3	0.04	0.6	0.24	3.4	3.6	101					0.11	34.478	25.4			
Geomean FY '02			3.9		1.7		0.7								0.10					
O2-5S-69r	7/8/02	1108	0.14	4.3	0.03	0.4	0.08	1.1	14.3	400					0.06	34.653	26.6			
O2-5S-69r	10/9/02	942	0.05	1.5	0.08	1.1	0.09	1.3	2.1	60					0.09	34.955	27.1			
O2-5S-69r	3/12/03	1101	0.13	4.0	0.26	3.6	0.07	1.0	2.3	65					0.07	34.774	25.2			
O2-5S-69r	4/22/03	1104	0.08	2.5	0.39	5.5	0.04	0.6	2.7	75					0.07	35.016	25.2			
Geomean FY '03			2.9		1.7		0.9								0.07					
O2-5S-69r	8/18/03	1200	0.06	1.9	0.09	1.3	0.20	2.8	2.3	64					0.04	34.834	28.2			
O2-5S-69r	10/29/03	1111	0.04	1.2	0.04	0.6	0.10	1.4	2.6	73					0.09	34.83	27.6			
O2-5S-69r	3/11/04	956	0.12	3.7	0.02	0.3	0.04	0.6	1.6	45					n/a	34.356	25.7			
O2-5S-69r	5/20/04	1045	0.10	3.1	0.01	0.1	0.19	2.7	1.3	37					n/a	33.60	27.0			
Geomean FY '04			2.3		0.4		1.6								0.06					
O2-5S-69r	9/20/04	947	0.08	2.5	0.01	0.1	0.21	2.9	2.2	61					0.07	33.87	27.7			
O2-5S-69r	11/17/04	919	0.08	2.5	0.01	0.1	0.19	2.7	1.8	52					0.07	33.59	26.7			
O2-5S-69r	1/13/05	1041	0.04	1.2	0.10	1.4	0.06	0.8	2.3	63					0.07	34.860	24.6			
O2-5S-69r	4/11/05	1041	0.10	3.1	0.26	3.6	0.20	2.8	3.6	101					0.07	34.487	25.2			
Geomean FY '05			2.2		0.6		2.1								0.07					

NELHA Water Quality Laboratory

Transect 2, Station 5

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
O2-5S-69r	7/20/05	1028	0.05	1.5	0.01	0.1	0.16	2.2	1.3	36					0.11	34.742	26.8			
O2-5S-69r	10/11/05	913	0.05	1.5	0.01	0.1	0.19	2.7	3.7	105					0.09	34.950	26.6			
O2-5S-69r	3/13/06	1020	0.09	2.8	0.01	0.1	0.25	3.5	4.3	120					0.08	34.836	24.6			
O2-5S-69r	5/15/06	958	0.26	8.1	0.94	13.2	0.05	0.7	10.6	297					0.15	34.845	24.9			
Geomean FY '06			2.7		0.4		2.0								0.10					
O2-5S-69r	8/14/06	950	0.13	4.0	0.30	4.2	0.22	3.1	2.6	74					0.11	34.464	26.5			
O2-5S-69r	11/1/06	1000	0.08	2.5	0.17	2.4	0.39	5.5	2.1	59					0.27	34.841	27.1			
O2-5S-69r	2/12/07	1021	0.12	3.7	0.09	1.3	0.35	4.9	1.9	54					0.71	34.560	24.5			
O2-5S-69r	4/9/07	951	0.16	5.0	0.19	2.7	0.31	4.3	3.6	101					0.33	34.684	25.3			
Geomean FY '07			3.7		2.4		4.4								0.29					
T2-500m	9/26/07	1022	0.14	4.3	0.07	1.0	0.06	0.8	2.4	69	0.38	11.9	5.0	70	0.06	34.986	26.9	8.20	6.31	0.05
T2-500m	12/13/07	1136	0.10	3.2	0.04	0.6			12.5	350	0.38	11.8	6.1	85	0.11	34.718	25.8	8.23	6.23	0.43
T2-500m	3/10/08	1031	0.18	5.6	0.05	0.7	0.06	0.8	13.1	368	0.46	14.4	8.5	120	0.19	34.921	25.8	8.24	6.58	0.27
T2-500m	6/5/08	1025	0.08	2.6	0.13	1.8	0.16	2.2	18.2	510	0.23	7.2	7.9	110	0.06	34.8198	25.2	8.07	6.51	0.17
Geomean FY '08			3.8		0.9		1.1				11.0		94		0.09					0.18
T2-500m	9/22/08	1132	0.03	1	0.04	0.5	0.08	1.1	1.5	43	0.27	8.4	4.5	63	0.08	34.860	27.1	8.04	6.33	0.02
T2-500m	11/17/08	1013	0.14	4.4	0.04	0.5	0.14	1.9	1.6	46	0.35	10.7	4.4	61	0.07	34.988	26.1	8.27	5.76	0.02
T2-500m	2/9/09	1019	0.06	1.9	0.10	1.4	0.12	1.7	3.5	99	0.25	7.6	6.9	97	0.06	35.100	24.9	8.06	6.13	0.01
T2-500m	4/13/09	1004	0.20	6.3	0.04	0.6	0.28	3.9	3.3	93	0.44	13.5	4.4	61	0.10	34.997	24.0	8.19	5.96	0.04
Geomean FY '09			2.7		0.7		1.9				9.8		69		0.08					0.02
T2-500m	9/9/09	1016	0.15	4.7	0.07	1	0.06	0.9	5.0	141	0.55	17.1	6.7	94	0.06	35.23	26.7	8.19	5.46	0.3
T2-500m	11/23/09	1028	0.03	0.8	0.05	0.7	0.03	0.4	10.0	281	0.37	11.6	4.3	60	0.09	35.22	25.4	8.25	6.21	0.11
T2-500m	2/23/10	1032	0.14	4.4	0.04	0.6	0.34	4.7	12.0	336	0.36	11.1	5.0	70	0.05	35.11	24.6	8.19	6.01	0.32
T2-500m	5/25/10	1047	0.01	0.4	0.03	0.4	0.01	0.2	8.3	234	0.53	16.4	6.7	94	0.08	35.01	25.2	8.22	6.92	0.06
Geomean FY '10			1.6		0.6		0.8				13.8		78		0.07					0.16
T2-500m	8/10/10	1032	0.02	0.5	0.06	0.8	0.05	0.7	1.2	32	0.55	17.1	6.7	94	0.03	34.91	26.31	8.24	6.45	0.04
T2-500m	11/8/10	1015	0.00	0.1	0.04	0.5	0.18	2.5	1.8	50	0.31	9.5	5.0	70	0.11	35.27	26.36	8.25	6.18	0.06
T2-500m	1/11/11	1030	0.11	3.4	0.01	0.1	0.09	1.3	4.0	113	0.42	13.1	3.0	43	0.04	35.01	25.03	8.23	6.38	0.11
T2-500m	4/26/11	1031	0.08	2.6	0.06	0.8	0.15	2.1	20.7	582	0.48	14.8	3.2	45	0.08	34.98	25.05	8.22	6.48	0.12
Geomean FY '11			0.8		0.4		1.5				13.3		60		0.06					0.08

NELHA Water Quality Laboratory

Transect 2, Station 5

7/27/1993 - 7/10/2025

SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-500m	7/26/11	1103	0.18	5.5	0.03	0.4	0.04	0.5	0.5	15	0.46	14.3	3.4	47	0.10	34.86	26.20	8.26	6.44	0.28
T2-500m	10/18/11	1019	0.01	0.2	0.04	0.6	0.12	1.7	2.2	62	0.30	9.4	4.6	64	0.08	35.05	26.63	8.23	6.79	0.10
T2-500m	1/25/12	1045	0.06	2	0.04	0.5	0.04	0.5	1.8	52	0.37	11.6	3.9	54	0.05	35.04	24.80	8.21	6.72	0.09
T2-500m	4/24/12	1110	0.13	4	0.21	3	0.14	2	3.3	92	0.41	12.8	3.5	50	0.13	34.14	24.89	8.21	6.65	0.29
Geomean FY '12			1.7		0.8		1.0				11.9		53		0.08					0.16
T2-500m	7/24/12	1032	0.02	0.5	0.21	3	0.25	3.5	1.7	49	0.34	10.4	4.9	68	0.09	35.06	26.46	8.25	6.76	0.14
T2-500m	11/27/12	1018	0.06	2	0.13	1.8	0.24	3.4	2.3	64	0.56	17.4	5.7	80	0.05	35.21	25.11	8.20	6.88	0.10
T2-500m	1/23/13	1027	0.06	1.9	0.06	0.9	0.21	2.9	1.3	36	0.38	11.8	5.1	71	0.02	35.12	24.70	8.22	6.34	0.18
T2-500m	4/16/13	1034	0.13	4	0.10	1.4	0.22	3.1	0.6	18	0.46	14.3	6.2	88	0.07	35.13	24.89	8.21	6.75	0.06
Geomean FY '13			1.7		1.6		3.2				13.2		77		0.05					0.11
T2-500m	8/1/13	943	0.02	0.6	0.11	1.6	0.01	0.2	5.3	149	0.42	13.0	3.9	55	0.06	35.18	26.2	8.25	6.66	0.12
T2-500m	10/29/13	1010	0.13	4.1	0.25	3.5	1.39	19.4	2.9	80	0.47	14.7	6.7	94	0.03	35.27	27.0	8.20	6.32	0.23
T2-500m	2/4/14	1020	0.08	2.5	0.12	1.7	0.58	8.1	2.0	56	0.37	11.6	4.3	60	0.02	34.99	25.2	8.20	6.29	0.17
T2-500m	5/6/14	1023	0.07	2.3	0.01	0.1	0.26	3.6	1.6	45	0.42	12.9	5.3	74	0.06	34.83	26.1	8.22	5.98	0.15
Geomean FY '14			1.9		1.0		3.0				13.0		69		0.04					0.16
T2-500m	8/5/14	1025	0.17	5.3	0.06	0.9	0.26	3.6	1.3	36	0.48	15.0	4.7	66	0.10	34.96	26.6	8.22	5.97	0.10
T2-500m	11/17/14	1201	0.16	4.9	0.05	0.7	0.23	3.2	0.1	2	0.46	14.4	6.2	87	0.11	34.96	27.1	8.22	6.66	0.22
T2-500m	3/3/15	1030	0.06	2.0	0.10	1.4	0.09	1.3	0.9	27	0.17	5.4	7.0	99	0.07	34.85	25.6	8.18	6.95	0.14
T2-500m	6/16/15	1145	0.08	2.5	0.26	3.7	0.29	4.1	1.9	55	0.45	13.9	5.1	71	0.04	34.30	26.5	8.20	5.93	0.21
Geomean FY '15			3.4		1.3		2.8				11.3		80		0.07					0.16
T2-500m	8/26/15	1127	0.13	3.9	0.01	0.1	0.18	2.5	1.0	28	0.23	7.2	4.8	67	0.02	34.56	28.7	8.23	6.01	0.08
T2-500m	11/17/15	1040	0.13	4.0	0.44	6.2	0.14	1.9	2.9	82	0.53	16.3	7.2	102	0.10	34.00	27.4	8.23	6.21	0.15
T2-500m	3/1/16	1042	0.14	4.4	0.20	2.8	0.28	3.9	0.1	2	0.46	14.1	4.0	57	0.08	34.76	25.5	8.24	5.70	0.08
T2-500m	5/3/16	1011	0.10	3.1	0.14	1.9	0.06	0.9	0.0	1	0.28	8.7	4.6	64	0.06	34.69	25.7	8.24	6.36	0.26
Geomean FY '16			3.8		1.3		2.0				11.0		70		0.06					0.13
T2-500m	7/6/16	1122	0.07	2.3	0.27	3.8	0.25	3.5	0.3	7	0.54	16.7	4.1	57	0.11	34.60	27.2	8.28	6.49	0.31
T2-500m	12/20/16	1054	0.04	1.3	0.10	1.4	0.16	2.2	1.7	48	0.33	10.2	2.2	31	0.05	34.71	25.6	8.26	5.61	0.10
T2-500m	2/28/17	951	0.02	0.6	0.01	0.2	0.36	5.1	0.1	4	0.28	8.7	3.7	52	0.07	34.68	24.7	8.23	5.72	0.08
T2-500m	5/10/17	944	0.07	2.1	0.01	0.2	0.16	2.2	0.0	0	0.19	6.0	2.1	29	0.07	34.78	25.8	8.20	4.14	0.04
Geomean FY '17			1.4		0.7		3.0				9.7		40		0.07					0.10

NELHA Water Quality Laboratory

Transect 2, Station 5

7/27/1993 - 7/10/2025

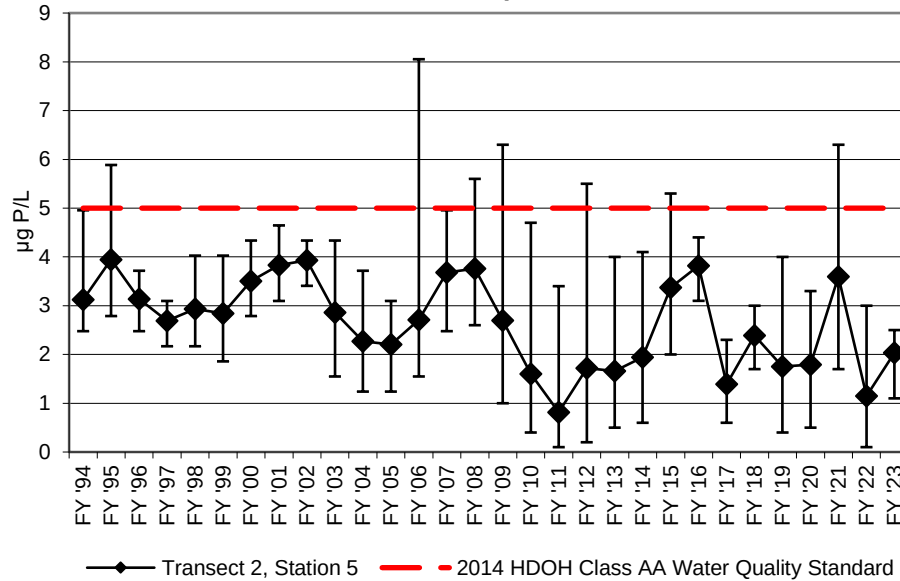
SITE ID	DATE M/D/Y	TIME (2400)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)
DOH LIMIT			5		4.5		2.5				12.5		100		0.10					0.30
T2-500m	9/27/17	1036	0.09	2.9	0.11	1.5	0.11	1.6	0.5	14	0.42	13.1	2.5	36	0.08	34.81	27.8	8.21	4.25	0.17
T2-500m	11/28/17	1136	0.10	3.0	0.31	4.4	0.25	3.5	2.2	61	0.36	11.1	2.5	35	0.07	35.05	26.2	8.20	4.75	0.18
T2-500m	1/30/18	1116	0.07	2.2	0.13	1.8	0.06	0.8	1.2	34	0.32	10.0	1.9	27	0.08	34.88	24.6	8.17	5.22	0.20
T2-500m	5/16/18	1109	0.05	1.7	0.08	1.1	0.07	1.0	1.3	37	0.35	10.9	2.3	33	0.02	34.79	25.7	8.17	5.92	0.10
Geomean FY '18			2.4		1.9		1.5				11.2		32		0.05					0.16
T2-500m	9/24/18	1047	0.01	0.4	0.16	2.3	0.19	2.7	0.5	14	0.29	9.0	1.4	20	0.09	34.80	27.9	8.16	5.03	0.17
T2-500m	11/13/18	1112	0.07	2.1	0.12	1.7	0.18	2.5	2.1	59	0.32	9.9	2.1	30	0.06	35.01	27.4	8.22	4.62	0.14
T2-500m	1/22/19	1100	0.09	2.8	0.04	0.5	0.08	1.1	0.7	20	0.37	11.5	1.1	16	0.07	34.96	25.0	8.22	5.64	0.11
T2-500m	4/16/19	1105	0.13	4.0	0.32	4.5	0.03	0.4	4.7	132	0.38	11.8	1.7	23	0.04	35.50	26.0	8.14	7.06	0.16
Geomean FY '19			1.8		1.7		1.3				10.5		22		0.06					0.14
T2-500m	8/13/19	1043	0.02	0.5	0.16	2.3	0.26	3.7	1.9	55	0.26	8.0	1.8	26	0.08	35.66	28.3	8.21	6.51	0.12
T2-500m	11/20/19	1053	0.09	2.7	0.05	0.7	0.09	1.3	0.6	17	0.44	13.5	2.8	39	0.05	35.25	27.6	8.22	6.50	0.16
T2-500m	1/22/20	1036	0.11	3.3	0.16	2.3	0.09	1.3	1.2	35	0.36	11.3	2.1	29	0.06	34.94	25.0	8.22	6.52	0.14
T2-500m	6/24/20	1104	0.07	2.3	0.16	2.3	0.09	1.3	0.4	12	0.22	6.9	0.9	13	0.05	35.49	25.8	8.17	6.71	0.22
Geomean FY '20			1.8		1.7		1.6				9.6		25		0.06					0.16
T2-500m	9/22/20	1100	0.15	4.6	0.01	0.2	0.64	8.9	1.5	43	0.38	11.8	5.0	70	0.02	35.56	26.3	8.17	5.04	0.28
T2-500m	12/15/20	1145	0.11	3.4	0.09	1.2	0.27	3.8	0.3	7	0.29	9.1	4.9	68	0.04	35.77	26.6	8.12	6.60	0.24
T2-500m	3/9/21	1102	0.20	6.3	0.12	1.7	0.19	2.7	0.5	13	0.08	2.6	3.2	45	0.11	35.73	24.7	8.11	6.80	0.19
T2-500m	5/25/21	1141	0.05	1.7	0.53	7.4	0.05	0.7	3.9	108	0.21	6.5	5.0	71	0.11	35.64	25.6	8.05	6.73	0.13
Geomean FY '21			3.6		1.3		2.8				6.5		62		0.06					0.20
T2-500m	9/24/21	923	0.00	0.1	0.04	0.5	0.05	0.7	-0.3	-9	0.17	5.2	3.7	52	0.08	35.56	26.7	8.03	6.65	0.12
T2-500m	12/14/21	1020	0.08	2.4	0.22	3.1	0.09	1.2	0.7	19	0.27	8.3	4.2	59	0.09	35.09	25.9	8.13	6.68	0.15
T2-500m	3/16/22	943	0.10	3.0	0.01	0.1	0.07	1.0	0.1	2	0.34	10.5	3.8	54	0.06	34.90	25.5	8.07	6.81	0.22
T2-500m	6/8/22	1001	0.08	2.4	0.11	1.5	0.23	3.2	0.2	4	0.25	7.8	3.9	55	0.13	34.50	26.2	8.08	6.73	0.15
Geomean FY '22			1.1		0.7		1.3				7.7		55		0.09					0.16
T2-500m	9/21/22	945	0.08	2.5	0.04	0.6	0.07	1.0	-0.3	-10	0.23	7.2	3.8	53	0.15	34.96	26.8	8.13	6.72	0.26
T2-500m	12/27/22	1016	0.08	2.5	0.04	0.6	0.11	1.5	0.0	-1	0.17	5.2	4.8	68	0.09	34.98	25.8	8.15	6.71	0.20
T2-500m	3/16/22	1028	0.08	2.5	0.12	1.7	0.11	1.5	0.9	25	0.21	6.6	4.2	59	0.10	34.74	24.3	8.10	6.95	0.26
T2-500m	5/31/23	1001	0.04	1.1	0.16	2.2	0.09	1.3	0.9	26	0.21	6.4	5.8	82	0.11	34.74	25.6	8.08	6.74	0.17
Geomean FY '23			2.0		1.1		1.3				6.3		65		0.11					0.22

NELHA Water Quality Laboratory

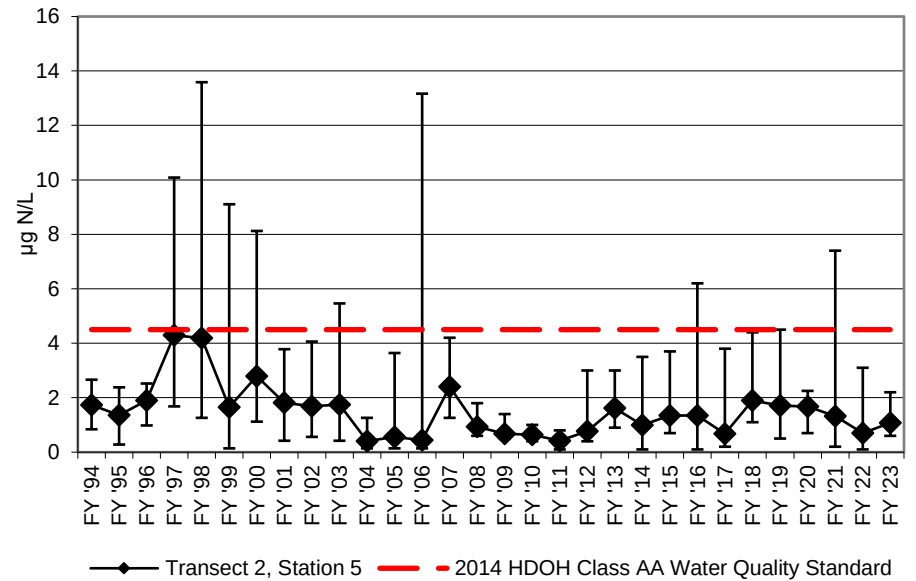
Transect 2, Station 5

7/27/1993 - 7/10/2025

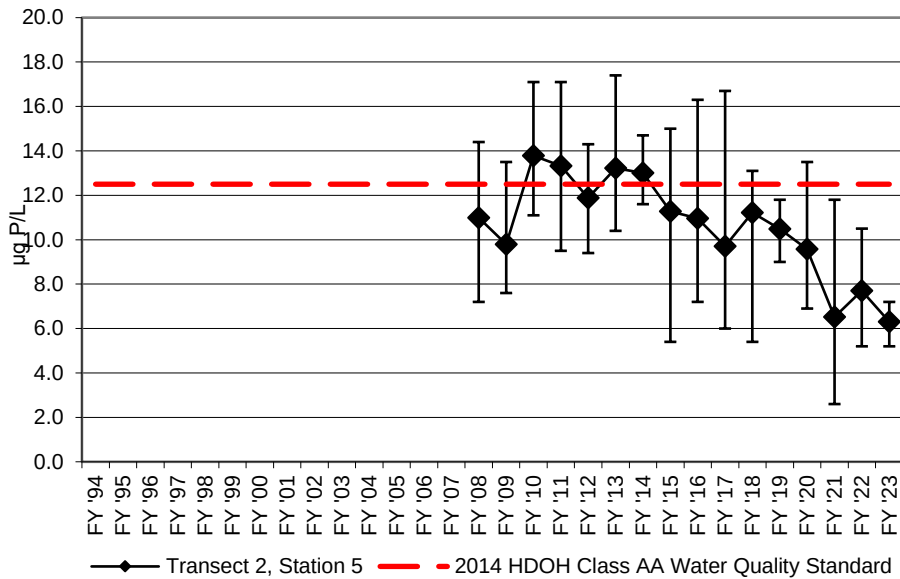
**Yearly Geometric Mean
Ortho-Phosphate**



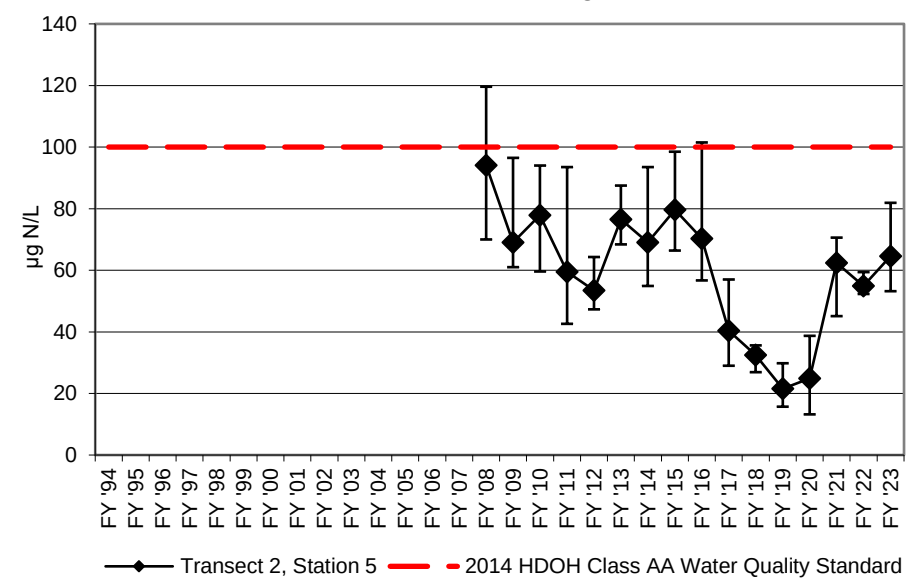
**Yearly Geometric Mean
Nitrate + Nitrite**



**Yearly Geometric Mean
Total Dissolved Phosphorous**



**Yearly Geometric Mean
Total Dissolved Nitrogen**

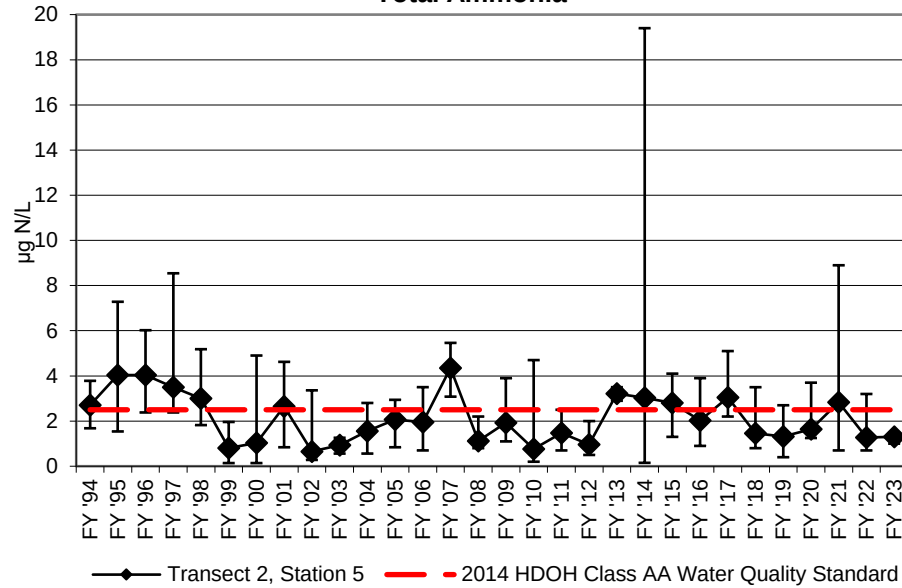


NELHA Water Quality Laboratory

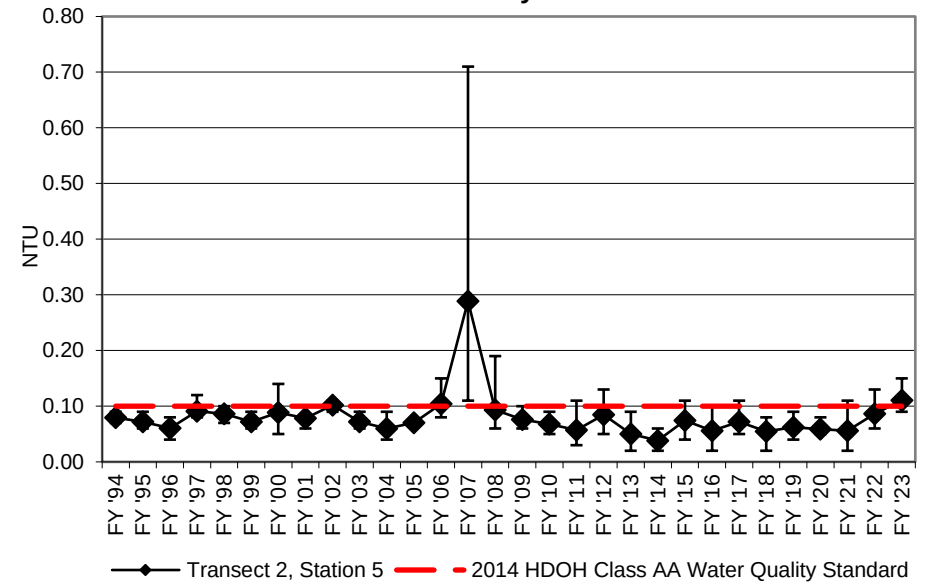
Transect 2, Station 5

7/27/1993 - 7/10/2025

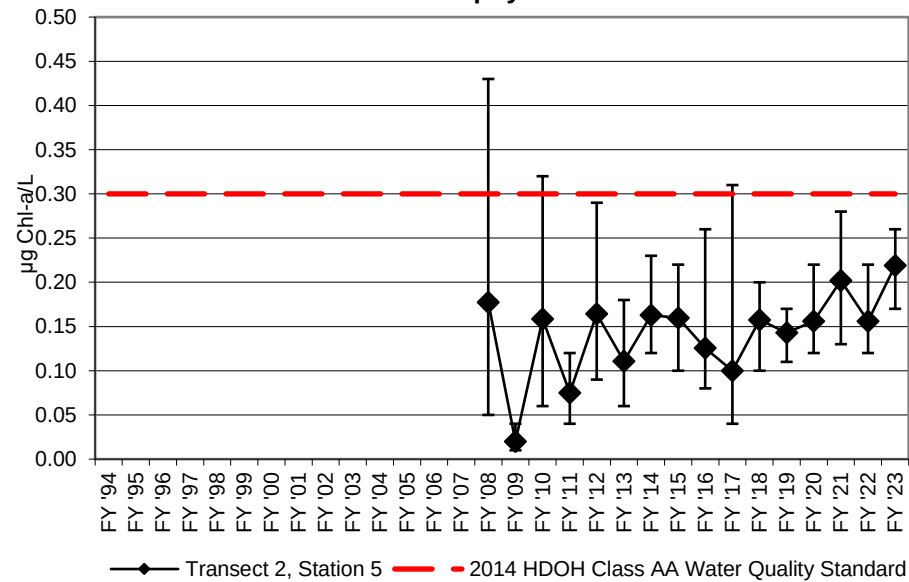
Yearly Geometric Mean Total Ammonia



Yearly Geometric Mean Turbidity



Yearly Geometric Mean Chlorophyll-a



SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)
O2-1B	27-Jul-93	1017	0.07	0.04	0.27
O2-1B	7-Dec-93	927	0.12	0.20	0.18
O2-1B	16-Mar-94	927	0.17	0.39	0.20
O2-1B	14-Jun-94	905	0.13	0.14	0.03
O2-1B	8-Sep-94	1026	0.09	0.23	0.22
O2-1B	16-Nov-94	824	0.16	0.41	0.50
O2-1B	21-Mar-95	1025	0.19	0.18	0.12
O2-1B	26-Jun-95	832	0.12	0.28	0.49
O2-1B	25-Sep-95	1010	0.12	0.35	0.35
O2-1B	13-Nov-95	1014	0.14	0.19	0.52
O2-1B	11-Mar-96	1102	0.15	0.29	0.55
O2-1B	13-May-96	1008	0.11	0.10	0.19
O2-1B	30-Jul-96	920	0.13	1.47	0.31
O2-1B	1-Oct-96	1038	0.08	0.14	0.62
O2-1B	6-Jan-97	1105	0.10	0.14	0.23
O2-1B	21-Apr-97	1050	0.10	1.00	0.28
O2-1B	18-Aug-97	1048	0.11	0.57	0.22
O2-1B	6-Oct-97	1108	0.10	0.30	0.42
O2-1B	3-Mar-98	1042	0.08	0.13	0.21
O2-1B	4-May-98	1011	0.12	0.45	0.13
O2-1B	6-Jul-98	1113	0.13	0.44	0.14
O2-1B	5-Oct-98	1047	0.12	0.38	0.22
O2-1B	13-Jan-99	1057	0.12	0.46	0.18
O2-1B	12-Apr-99	1037	0.13	0.26	0.08
O2-1B	6-Jul-99	1055	0.11	0.07	0.11
O2-1B	4-Oct-99	1135	0.12	0.24	0.14
O2-1B	4-Jan-00	1114	0.10	0.44	0.39
O2-1B	17-Apr-00	1102	0.13	0.20	0.13
O2-1B	24-Jul-00	1119	0.11	0.23	0.09
O2-1B	30-Oct-00	1138	0.13	0.16	0.34
O2-1B	26-Feb-01	1127	0.16	0.38	0.22
O2-1B	7-May-01	1129	0.12	0.32	0.35
O2-1B	21-Aug-01	1029	0.14	0.34	0.03
O2-1B	8-Oct-01	1049	0.14	0.23	0.08
O2-1B	5-Mar-02	1000	0.15	0.33	0.09
O2-1B	17-Apr-02	1006	0.17	0.38	0.30
O2-1B	8-Jul-02	1125	0.17	0.12	0.16
O2-1B	9-Oct-02	956	0.07	0.23	0.09
O2-1B	12-Mar-03	1120	0.12	0.22	0.06
O2-1B	22-Apr-03	1124	0.09	0.65	0.03
O2-1B	18-Aug-03	1122	0.08	0.19	0.25
O2-1B	29-Oct-03	1151	0.11	0.14	0.10
O2-1B	11-Mar-04	1027	0.13	0.22	>0.04
O2-1B	20-May-04	1021	0.11	0.14	0.24
O2-1B	20-Sep-04	1010	0.09	0.06	0.27
O2-1B	17-Nov-04	942	0.12	0.19	0.22
O2-1B	13-Jan-05	1105	0.07	0.24	0.09
O2-1B	11-Apr-05	1107	0.17	0.88	0.30

O2-1B	20-Jul-05	1054	0.18	0.33	0.16
O2-1B	11-Oct-05	940	0.05	0.06	0.14
O2-1B	13-Mar-06	1051	0.26	0.55	0.37
O2-1B	15-May-06	1019	0.12	1.19	0.13
O2-1B	14-Aug-06	1018	0.13	0.40	0.20
O2-1B	1-Nov-06	1024	0.10	0.24	0.41
O2-1B	12-Feb-07	1045	0.17	0.61	0.45
O2-1B	9-Apr-07	1016	0.16	0.24	0.30

Si (μM)	TDP (μM)	TP (μM)	TDN (μM)	TOC (mgC/L)	TURBIDITY (NTU)
2.89	0.28	0.28	7.81	1.30	0.07
4.28	0.25	0.25	5.01	1.14	0.07
6.39	0.31	0.31	3.56	1.13	0.10
4.20	0.28	0.28	7.46	1.03	0.13
3.54	0.29	0.32	6.18	1.21	0.10
4.79	0.34	0.37	5.42	1.05	0.07
4.54	0.36	0.36	5.38	1.01	0.14
2.58	0.28	0.28	6.30	1.06	0.07
5.10	0.31	0.31	7.39	1.09	0.09
1.79	0.29	0.29	7.08	1.14	0.07
2.56	0.34	0.34	4.96	1.02	0.10
5.27	0.31	0.31	5.16	1.12	0.07
8.95	0.26	0.26	5.77	1.02	0.11
2.24	0.30	0.30	4.80	1.11	0.08
2.65	0.30	0.31	3.97	0.91	0.08
3.47	0.36	0.38	5.53	1.15	0.12
4.90	0.30	0.32	4.77	1.08	0.12
4.77	0.36	0.36	4.89	1.07	0.10
4.30	0.33	0.35	4.60	1.04	0.08
4.00	0.38	0.39	5.32	0.91	0.12
4.97	0.38	0.38	5.34	1.03	0.11
3.88	0.40	0.40	5.78	1.03	0.11
3.67	0.37	0.37	5.68	1.17	0.09
5.36	0.38	0.39	4.58	1.04	0.08
2.73	0.36	0.36	5.19	1.00	0.10
5.68	0.39	0.39	4.55	1.03	0.12
3.48	0.33	0.34	5.67	0.94	0.16
2.59	0.35	0.38	5.65	0.99	0.09
2.70	0.32	0.35	5.71	1.02	0.07
6.33	0.35	0.36	4.98	1.17	0.10
12.2	0.37	0.35	5.64	1.07	0.09
4.16	0.38	0.36	5.21	1.03	0.11
2.78	0.37	0.37	5.31	1.04	0.09
2.40	0.33	0.33	5.17	1.05	0.10
3.82	0.38	0.38	6.31	0.99	0.11
5.46	0.41	0.43	5.97	0.98	0.08
3.35	0.38	0.38	6.18	1.03	0.10
2.75	0.31	0.31	5.84	1.01	0.09
4.01	0.36	0.37	6.17	1.05	0.10
3.14	0.34	0.37	6.58	1.02	0.09
12.29	0.34	0.35	6.07		0.05
3.49	0.37	0.37	5.95		0.10
2.09	0.43	0.44	5.34		NO DATA
3.26	0.37	0.38	5.98		NO DATA
4.49	0.34	0.35	6.30		0.08
1.83	0.35	0.34	5.65		0.09
2.87	0.27	0.28	5.48		0.08
5.36	0.40	0.41	5.65		0.13

3.12	0.36	0.35	3.76		0.09
3.00	0.32	0.35	3.25	1.01	0.08
4.05	0.48	0.48	4.37		0.09
7.32	0.43	0.51	6.62	1.09	0.12
5.16	0.39	0.42	5.66	0.99	0.10
2.61	0.31	0.33	5.58	1.03	0.15
4.88	0.38	0.39	5.27	1.03	0.15
3.27	0.36	0.35	4.45	0.96	0.22

SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal Colifor Bact/100 m3	Enterococci Bact/100 ml
34.473	26.6	8.260	7.48	0.06		
34.767	25.5	8.234	7.45	0.11		
34.399	24.5	8.249	7.68	0.06	<1	<1
34.564	25.3	8.224	7.48	0.04	<1	<1
34.587	27.6	8.252	7.27	0.15	<1	<1
34.518	26.0	8.231	7.23	0.13	<1	<1
34.206	25.1	8.243	8.02	0.30	<1	<1
34.536	26.5	8.219	7.26	0.14	<1	<1
34.483	27.1	8.255	7.10	0.04	<1	<1
34.419	26.9	8.072	6.89	0.06	<1	<1
34.230	25.4	8.013	7.51	0.08	<1	1
34.305	26.9	7.894	7.40	0.00	<1	<1
34.374	27.9	8.215	6.82	0.18	5	<1
34.725	28.0	8.227	7.57	0.08	<1	<1
34.689	25.7	8.263	7.59	0.00	<1	<1
34.511	26.5	8.278	7.37	0.16	<1	<1
34.600	26.7	8.400	7.00	0.13	1	2
34.709	27.5	8.478	7.41	0.15	<1	<1
35.024	24.9	8.236	7.75	0.08	<1	<1
35.019	23.8	8.227	7.63	0.12	<1	<1
34.975	26.3	8.214	7.35	0.09	<1	<1
35.077	27.2	8.231	7.79	0.08	<1	<1
35.074	25.0	8.224	7.43	0.30	<1	<1
34.655	24.2	8.230	7.78	0.10	<1	<1
34.949	25.7	8.215	7.51	0.13	91	<1
34.953	25.9	8.256	7.59	0.11	1	<1
35.113	24.7	8.227	7.38	0.07	<1	<1
34.603	24.3	8.261	7.59	0.12	<1	5
34.895	27.2	8.271	7.60	0.11	<1	1
34.978	27.1	8.254	7.70	0.09	<1	<1
34.669	24.9	8.214	7.26	0.12	<1	<1
34.852	24.7	8.070	7.41	0.13	<1	1
34.797	26.7	8.219	7.38	0.10	<1	<1
34.978	27.3	8.239	7.43	0.24	<1	<1
34.674	24.2	8.218	7.12	0.14	<1	<1
34.461	25.5	8.186	7.09	0.11	<1	<1
34.664	26.6	8.213	7.51	0.11	<1	<1
34.932	27.1	8.258	7.28	0.10	<1	<1
34.773	25.1	8.016	7.30	0.12	<1	<1
34.991	25.2	8.263	8.09	0.17	<1	<1
34.836	27.7	8.243	7.14	0.09	<1	<1
34.815	27.6	8.248	NO DATA	0.17	<1	<1
34.344	25.5	8.276	6.59	0.22	<1	<1
33.49	26.8	8.253	6.98	0.01	<1	<1
33.74	27.8	8.246	6.81	0.13	<1	<1
33.52	27.0	8.286	8.67	0.11	<1	<1
34.828	25.4	8.338	6.97	0.07	<1	<1
34.418	25.3	8.317	7.13	0.06	<1	<1

34.750	26.9	8.245	6.63	0.03	<1	<1
34.916	26.6	8.284	6.76	0.07	<1	<1
34.816	24.7	8.279	7.13	0.09	<1	<1
34.604	25.0	8.267	6.94	0.24	<1	1
34.605	26.6	8.245	7.08	0.14	<1	<1
34.811	27.0	8.261	6.79	0.16	<1	1
34.518	24.4	8.222	6.97	0.15	<1	<1
34.671	25.0	8.230	6.81	0.05	<1	<1

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O2-2B	27-Jul-93	1003	0.08	0.04	0.27	1.72			
O2-2B	7-Dec-93	923	0.08	0.24	0.18	4.17			
O2-2B	16-Mar-94	922	0.16	0.20	0.18	3.58			3.74
O2-2B	14-Jun-94	859	0.12	0.14	0.02	1.87			
O2-2B	8-Sep-94	1024	0.09	0.16	0.16	2.95			
O2-2B	16-Nov-94	818	0.16	0.33	0.52	4.01			
O2-2B	21-Mar-95	1017	0.20	0.18	0.19	3.66			
O2-2B	26-Jun-95	827	0.12	0.40	0.45	12.6			
O2-2B	25-Sep-95	1025	0.16	0.30	0.29	8.80			
O2-2B	13-Nov-95	1014	0.12	0.20	0.40	3.08			
O2-2B	11-Mar-96	1055	0.13	0.29	0.44	1.96			
O2-2B	13-May-96	1002	0.09	0.03	0.20	1.64			
O2-2B	30-Jul-96	945	0.09	0.37	0.17	2.57			
O2-2B	1-Oct-96	1032	0.08	0.14	0.59	1.65			
O2-2B	6-Jan-97	1101	0.09	0.09	0.23	2.53			
O2-2B	21-Apr-97	1045	0.10	0.70	0.20	3.73			
O2-2B	18-Aug-97	1038	0.10	0.21	0.23	3.37			
O2-2B	6-Oct-97	1102	0.09	0.11	0.36	2.92			
O2-2B	3-Mar-98	1036	0.09	0.13	0.21	2.53			
O2-2B	4-May-98	1006	0.11	0.43	0.12	3.89			
O2-2B	6-Jul-98	1105	0.14	0.39	0.17	11.2			
O2-2B	5-Oct-98	1042	0.09	0.27	0.18	2.35			
O2-2B	13-Jan-99	1052	0.11	0.44	0.18	3.41			
O2-2B	12-Apr-99	1032	0.13	0.23	0.05	3.48			
O2-2B	6-Jul-99	1047	0.10	0.08	0.19	2.42			
O2-2B	4-Oct-99	1128	0.13	0.21	0.14	3.59			
O2-2B	4-Jan-00	1108	0.12	0.27	0.48	2.80			
O2-2B	17-Apr-00	1052	0.12	0.19	0.15	5.29			
O2-2B	24-Jul-00	1110	0.11	0.36	0.03	3.00			
O2-2B	30-Oct-00	1133	0.13	0.09	0.34	5.67			
O2-2B	26-Feb-01	1121	0.16	0.33	0.20	5.05			
O2-2B	7-May-01	1126	0.12	0.14	0.31	4.13			
O2-2B	21-Aug-01	1024	0.13	0.19	0.02	2.00			
O2-2B	8-Oct-01	928	0.14	0.23	0.06	1.91			
O2-2B	5-Mar-02	956	0.15	0.26	0.04	2.63			
O2-2B	17-Apr-02	1004	0.15	0.34	0.26	3.65			
O2-2B	8-Jul-02	1120	0.10	0.06	0.14	2.90			
O2-2B	9-Oct-02	958	0.06	0.16	0.09	2.66			
O2-2B	12-Mar-03	1115	0.15	0.29	0.03	4.26			
O2-2B	22-Apr-03	1120	0.09	0.53	0.03	2.80			
O2-2B	18-Aug-03	1241	0.08	0.25	0.25	2.68			
O2-2B	29-Oct-03	1144	0.07	0.05	0.10	2.25			
O2-2B	11-Mar-04	1020	0.13	0.11	<0.04	1.73			
O2-2B	20-May-04	1026	0.11	<0.01	0.19	1.41			
O2-2B	20-Sep-04	1004	0.09	0.03	0.25	1.66			
O2-2B	17-Nov-04	934	0.09	0.18	0.20	1.68			
O2-2B	13-Jan-05	1059	0.05	0.11	0.08	2.46			
O2-2B	11-Apr-05	1101	0.15	0.49	0.30	3.25			

O2-2B	20-Jul-05	1052	0.18	0.37	0.18	3.19
O2-2B	11-Oct-05	934	0.06	0.04	0.17	2.34
O2-2B	13-Mar-06	1041	0.09	0.10	0.24	2.12
O2-2B	15-May-06	1014	0.10	1.13	0.07	5.42
O2-2B	14-Aug-06	1008	0.12	0.25	0.21	1.94
O2-2B	1-Nov-06	1017	0.09	0.31	0.47	2.64
O2-2B	12-Feb-07	1039	0.13	0.21	0.37	2.65
O2-2B	9-Apr-07	1009	0.21	0.20	0.27	3.33

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m	Colifor 3act/100 ml	Enterococci 3act/100 ml
	0.06	34.485	26.6						
	0.08	34.755	25.7						
	0.09	34.512	24.6						
	0.09	34.579	25.2						
	0.09	34.622	27.5						
	0.07	34.549	26.0						
	0.09	34.211	25.0						
	0.07	34.517	26.5						
	0.10	34.483	27.1						
	0.06	34.414	26.8						
	0.07	34.307	25.4						
	0.09	34.320	26.9						
	0.08	34.490	27.9						
	0.09	34.728	27.8						
	0.09	34.697	25.7						
	0.12	34.544	26.5						
	0.12	34.634	26.7						
	0.13	34.733	27.4						
	0.08	35.020	24.9						
	0.09	35.029	23.8						
	0.12	34.995	26.2						
	0.09	35.084	27.1						
	0.09	35.075	25.0						
	0.09	34.676	24.1						
	0.08	34.967	25.6						
	0.08	34.964	25.9						
	0.09	35.144	24.6						
	0.08	34.646	24.2						
	0.06	34.889	27.2						
	0.10	34.993	27.0						
	0.16	34.707	24.8						
	0.10	34.874	24.6						
	0.07	34.816	26.6						
	0.07	34.958	27.2						
	0.04	34.710	24.1						
	0.10	34.467	25.5						
	0.09	34.677	26.5						
	0.12	34.946	27.1						
	0.06	34.803	25.1						
	0.08	35.007	25.2						
	0.06	34.834	28.1						
	0.12	34.832	27.6						
	NO DATA	34.352	25.5						
	NO DATA	33.42	26.8						
	0.08	33.79	27.8						
	0.06	33.59	27.1						
	0.08	34.844	25.4						
	0.11	34.523	25.2						

0.11	34.660	26.5
0.09	34.914	26.5
0.09	34.837	24.7
0.21	34.663	24.7
0.10	34.689	26.5
0.13	34.827	27.0
0.30	34.557	24.6
0.18	34.662	25.1

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)
O2-3B	27-Jul-93	954	0.09	0.08	0.30	2.26		
O2-3B	7-Dec-93	916	0.09	0.21	0.22	3.64		
O2-3B	16-Mar-94	915	0.17	0.18	0.17	3.47		
O2-3B	14-Jun-94	854	0.12	0.14	0.01	2.14		
O2-3B	8-Sep-94	1019	0.09	0.21	0.20	2.53		
O2-3B	16-Nov-94	816	0.14	0.14	0.52	2.41		
O2-3B	21-Mar-95	1014	0.21	0.18	0.20	3.32		
O2-3B	26-Jun-95	825	0.11	0.24	0.45	2.24		
O2-3B	25-Sep-95	1037	0.17	0.32	0.27	4.92		
O2-3B	13-Nov-95	1001	0.12	0.19	0.46	9.55		
O2-3B	11-Mar-96	1051	0.11	0.21	0.44	1.96		
O2-3B	13-May-96	956	0.10	0.03	0.23	20.1		
O2-3B	30-Jul-96	940	0.09	0.32	0.18	2.21		
O2-3B	1-Oct-96	1028	0.07	0.13	0.59	1.75		
O2-3B	6-Jan-97	1056	0.09	0.13	0.25	2.59		
O2-3S	21-Apr-97	1040	0.10	0.61	0.23	1.95		
O2-3B	18-Aug-97	1027	0.10	0.19	0.22	5.87		
O2-3B	6-Oct-97	1058	0.08	0.05	0.32	6.28		
O2-3B	3-Mar-98	1032	0.08	0.09	0.19	2.17		
O2-3B	4-May-98	1001	0.10	0.32	0.13	3.03		
O2-3B	6-Jul-98	1100	0.13	0.26	0.07	4.20		
O2-3B	5-Oct-98	1037	0.12	0.36	0.20	2.75		
O2-3B	13-Jan-99	1047	0.09	0.28	0.18	4.44		
O2-3B	12-Apr-99	1027	0.12	0.12	0.05	2.88		
O2-3B	6-Jul-99	1040	0.09	0.09	0.09	14.0		
O2-3B	4-Oct-99	1122	0.12	0.23	0.10	3.65		
O2-3B	4-Jan-00	1103	0.09	0.18	0.33	2.64		
O2-3B	17-Apr-00	1047	0.13	0.04	0.04	2.82		
O2-3B	24-Jul-00	1106	0.12	0.39	0.06	3.01		
O2-3B	30-Oct-00	1127	0.12	0.06	0.34	2.60		
O2-3B	26-Feb-01	1116	0.16	0.26	0.18	5.01		
O2-3B	7-May-01	1122	0.13	0.11	0.31	2.47		
O2-3B	21-Aug-01	1020	0.09	0.11	0.03	4.44		
O2-3B	8-Oct-01	1039	0.14	0.13	0.05	2.97		
O2-3B	5-Mar-02	953	0.16	0.06	0.03	7.36		
O2-3B	17-Apr-02	1000	0.16	0.34	0.26	3.65		
O2-3B	8-Jul-02	1117	0.17	0.08	0.10	2.61		
O2-3B	9-Oct-02	952	0.06	0.25	0.12	2.73		
O2-3B	12-Mar-03	1112	0.12	0.15	0.03	9.01		
O2-3B	22-Apr-03	1116	0.09	0.41	0.03	2.56		
O2-3B	18-Aug-03	1235	0.08	0.09	0.20	2.38		
O2-3B	29-Oct-03	1124	0.05	0.03	<0.10	2.49		
O2-3B	11-Mar-04	1014	0.12	0.03	<0.04	1.62		
O2-3B	20-May-04	1032	0.11	<0.01	0.19	1.35		
O2-3B	20-Sep-04	957	0.09	0.01	0.21	2.05		
O2-3B	17-Nov-04	930	0.10	0.17	0.20	1.96		
O2-3B	13-Jan-05	1052	0.06	0.15	0.06	2.46		
O2-3B	11-Apr-05	1053	0.13	0.25	0.24	2.33		

O2-3B	20-Jul-05	1049	0.05	<0.01	0.16	1.53
O2-3B	11-Oct-05	926	0.06	0.02	0.21	2.50
O2-3B	13-Mar-06	1035	0.09	0.04	0.34	1.98
O2-3B	15-May-06	1007	0.05	0.35	<0.05	3.47
O2-3B	14-Aug-06	1003	0.12	0.20	0.20	1.34
O2-3B	1-Nov-06	1011	0.09	0.21	0.40	2.40
O2-3B	12-Feb-07	1034	0.13	0.23	0.39	2.17
O2-3B	9-Apr-07	1003	0.07	<0.07	0.21	2.70

TDN (µM)	TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal Bact/100 m	Colifor Bact/100 m	Enterococci Bact/100 m
		0.06	34.460	26.7						
		0.10	34.782	25.6						
		0.08	34.513	24.6						
		0.10	34.576	25.2						
		0.08	34.620	27.6						
		0.07	34.600	26.0						
		0.11	34.214	25.3						
		0.09	34.556	26.5						
		0.12	34.493	27.2						
		0.06	34.425	26.8						
		0.06	34.315	25.3						
		0.05	34.322	26.8						
		0.12	34.497	27.9						
		0.08	34.727	27.8						
		0.18	34.695	25.7						
		0.13	34.550	26.4						
		0.12	34.638	26.8						
		0.10	34.732	27.4						
		0.09	35.038	24.9						
		0.11	35.045	23.8						
		0.08	34.990	26.2						
		0.10	35.087	27.2						
		0.07	35.092	25.0						
		0.07	34.697	24.1						
		0.08	34.955	25.6						
		0.09	34.967	26.0						
		0.07	35.162	24.5						
		0.06	34.648	24.2						
		0.06	34.899	27.2						
		0.09	35.000	27.0						
		0.12	34.709	24.9						
		0.08	34.881	24.6						
		0.09	34.820	26.5						
		0.07	34.969	27.2						
		0.06	34.720	24.1						
		0.10	34.472	25.5						
		0.15	34.671	26.6						
		0.08	34.930	27.0						
		0.10	34.828	25.1						
		0.10	35.016	25.2						
		0.03	34.832	28.0						
		0.09	34.834	27.5						
		NO DATA	34.361	25.5						
		NO DATA	33.64	26.8						
		0.06	33.80	27.8						
		0.07	33.58	27.4						
		0.07	34.844	25.5						
		0.07	34.496	25.2						

0.10	34.747	26.5
0.08	34.923	26.5
0.10	34.835	24.7
0.15	34.770	25.3
0.13	34.696	26.4
0.24	34.827	27.3
0.29	34.589	24.5
0.18	34.683	25.4

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)	TDN (μM)
O2-4B	27-Jul-93	942	0.08	0.05	0.30	21.4			
O2-4B	7-Dec-93	908	0.09	0.21	0.22	3.47			
O2-4B	16-Mar-94	907	0.16	0.20	0.16	3.87			
O2-4B	14-Jun-94	849	0.11	0.10	0.02	2.29			
O2-4B	8-Sep-94	1016	0.09	0.16	0.20	2.07			
O2-4B	16-Nov-94	813	0.13	0.09	0.52	1.94			
O2-4B	21-Mar-95	959	0.24	0.13	0.20	2.90			
O2-4B	26-Jun-95	817	0.10	0.16	0.45	1.89			
O2-4B	25-Sep-95	1053	0.17	0.15	0.20	6.09			
O2-4B	13-Nov-95	954	0.11	0.17	0.40	1.24			
O2-4B	11-Mar-96	1045	0.10	0.10	0.41	1.76			
O2-4B	13-May-96	950	0.09	0.00	0.23	1.66			
O2-4B	30-Jul-96	935	0.09	0.29	0.19	2.24			
O2-4B	1-Oct-96	1024	0.07	0.11	0.62	1.56			
O2-4B	6-Jan-97	1051	0.09	0.06	0.18	2.48			
O2-4B	21-Apr-97	1032	0.09	0.58	0.20	1.76			
O2-4B	18-Aug-97	1023	0.09	0.10	0.21	3.06			
O2-4B	6-Oct-97	1053	0.09	0.04	0.34	6.20			
O2-4B	3-Mar-98	1026	0.06	0.06	0.19	2.07			
O2-4B	4-May-98	956	0.14	0.51	0.13	5.53			
O2-4B	6-Jul-98	1054	0.11	0.33	0.07	4.02			
O2-4B	5-Oct-98	1032	0.07	0.04	0.15	1.74			
O2-4B	13-Jan-99	1042	0.09	0.23	0.02	2.91			
O2-4B	12-Apr-99	1021	0.13	0.18	0.11	3.10			
O2-4B	6-Jul-99	1035	0.11	0.11	0.09	2.43			
O2-4B	4-Oct-99	1115	0.13	0.20	0.43	2.67			
O2-4B	4-Jan-00	1059	0.09	0.11	0.34	4.03			
O2-4B	17-Apr-00	1047	0.13	0.04	0.11	2.48			
O2-4B	24-Jul-00	1106	0.12	0.19	0.06	2.80			
O2-4B	30-Oct-00	1121	0.11	0.02	0.32	5.04			
O2-4B	26-Feb-01	1111	0.16	0.30	0.18	5.10			
O2-4B	7-May-01	1119	0.13	0.10	0.33	9.14			
O2-4B	21-Aug-01	1015	0.09	0.10	0.02	1.77			
O2-4B	8-Oct-01	1035	0.12	0.15	0.05	1.65			
O2-4B	5-Mar-02	949	0.14	0.07	0.03	2.31			
O2-4B	17-Apr-02	955	0.16	0.27	0.23	5.28			
O2-4B	8-Jul-02	1113	0.15	0.07	0.10	2.73			
O2-4B	9-Oct-02	946	0.08	0.20	0.15	2.26			
O2-4B	12-Mar-03	1108	0.14	0.10	0.03	3.44			
O2-4B	22-Apr-03	1110	0.08	0.27	0.03	2.61			
O2-4B	18-Aug-03	1225	0.06	0.12	0.20	2.38			
O2-4B	29-Oct-03	1115	0.04	0.07	0.10	2.30			
O2-4B	11-Mar-04	1007	0.12	0.02	<0.04	1.63			
O2-4B	20-May-04	1037	0.11	0.01	0.21	2.22			
O2-4B	20-Sep-04	952	0.09	<0.01	0.21	2.18			
O2-4B	17-Nov-04	925	0.10	0.01	0.19	1.84			
O2-4B	13-Jan-05	1047	0.07	0.10	0.06	2.25			
O2-4B	11-Apr-05	1048	0.12	0.26	0.20	3.59			

O2-4B	20-Jul-05	1034	0.04	<0.01	0.24	1.12
O2-4B	11-Oct-05	919	0.06	0.02	0.19	5.49
O2-4B	13-Mar-06	1028	0.09	0.01	0.35	3.69
O2-4B	15-May-06	1002	0.06	0.29	<0.05	2.84
O2-4B	14-Aug-06	956	0.14	0.32	0.11	2.06
O2-4B	1-Nov-06	1006	0.09	0.21	0.45	2.31
O2-4B	12-Feb-07	1028	0.13	0.22	0.35	2.49
O2-4B	9-Apr-07	957	0.12	<0.07	0.22	2.41

TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal 3act/100 m	Colifor 3act/100 ml	Enterococci 3act/100 ml
	0.06	34.477	26.7						
	0.09	34.787	25.6						
	0.11	34.490	24.6						
	0.11	34.580	25.2						
	0.07	34.643	27.5						
	0.06	34.620	25.9						
	0.09	34.228	25.1						
	0.07	34.563	26.5						
	0.10	34.529	27.2						
	0.06	34.415	26.8						
	0.07	34.365	25.3						
	0.09	34.324	26.8						
	0.09	34.495	28.0						
	0.08	34.734	27.7						
	0.13	34.699	25.7						
	0.08	34.558	26.3						
	0.09	34.653	26.8						
	0.10	34.736	27.4						
	0.08	35.044	24.9						
	0.07	34.966	23.8						
	0.08	34.994	26.2						
	0.11	35.107	27.1						
	0.07	35.091	25.0						
	0.15	34.658	24.1						
	0.07	34.956	25.6						
	0.16	34.981	26.0						
	0.11	35.171	24.5						
	0.10	34.657	24.2						
	0.08	34.885	27.2						
	0.06	35.019	27.1						
	0.11	34.718	24.9						
	0.16	34.883	24.6						
	0.08	34.817	26.5						
	0.07	34.969	27.2						
	0.05	34.734	24.1						
	0.08	34.472	25.5						
	0.08	34.675	26.5						
	0.07	34.947	27.0						
	0.14	34.863	25.0						
	0.08	35.026	25.2						
	0.03	34.826	28.1						
	0.09	34.838	27.5						
	NO DATA	34.356	25.5						
	NO DATA	33.53	26.9						
	0.07	33.81	27.8						
	0.06	33.62	26.7						
	0.07	34.846	25.5						
	0.08	34.493	25.2						

0.10	34.756	26.6
0.08	34.927	26.5
0.06	34.854	24.7
0.20	34.732	25.2
0.09	34.680	26.7
0.17	34.831	27.2
0.33	34.567	24.5
0.22	34.700	25.1

SITE ID	DATE D-M-Y	TIME (2400)	PO4 (μM)	NO3 (μM)	NH4 (μM)	Si (μM)	TDP (μM)	TP (μM)
O2-5B	27-Jul-93	933	0.08	0.04	0.10	1.98		
O2-5B	7-Dec-93	858	0.09	0.19	0.18	2.99		
O2-5B	16-Mar-94	858	0.17	0.28	0.18	5.99		
O2-5B	14-Jun-94	842	0.12	0.16	0.04	5.86		
O2-5B	8-Sep-94	1012	0.09	0.12	0.22	2.10		
O2-5B	16-Nov-94	809	0.14	0.11	0.51	1.78		
O2-5B	21-Mar-95	950	0.22	0.06	0.12	3.51		
O2-5B	26-Jun-95	815	0.16	0.18	0.59	1.89		
O2-5B	25-Sep-95	1102	0.18	0.11	0.27	3.01		
O2-5B	13-Nov-95	949	0.11	0.17	0.44	1.56		
O2-5B	11-Mar-96	1040	0.09	0.09	0.43	2.06		
O2-5B	13-May-96	945	0.10	0.00	0.19	1.43		
O2-5B	30-Jul-96	930	0.08	0.08	0.12	3.07		
O2-5B	1-Oct-96	1019	0.06	0.10	0.70	1.36		
O2-5B	6-Jan-97	1046	0.08	0.07	0.23	2.27		
O2-5B	21-Apr-97	1027	0.09	0.54	0.22	1.68		
O2-5B	18-Aug-97	1018	0.09	0.01	0.20	2.14		
O2-5B	6-Oct-97	1046	0.09	0.05	0.41	6.79		
O2-5B	3-Mar-98	1018	0.06	0.07	0.21	3.07		
O2-5B	4-May-98	949	0.09	0.20	0.16	2.99		
O2-5B	6-Jul-98	1047	0.11	0.26	0.12	8.11		
O2-5B	5-Oct-98	1022	0.07	0.02	0.08	1.59		
O2-5B	13-Jan-99	1035	0.07	0.14	0.01	3.67		
O2-5B	12-Apr-99	1013	0.12	0.08	0.04	3.08		
O2-5B	6-Jul-99	1027	0.10	0.09	0.07	6.40		
O2-5B	4-Oct-99	1106	0.13	0.20	0.43	2.88		
O2-5B	4-Jan-00	1052	0.08	0.14	0.32	2.11		
O2-5B	17-Apr-00	1042	0.13	0.13	0.01	2.85		
O2-5B	24-Jul-00	1100	0.11	0.26	0.06	2.91		
O2-5B	30-Oct-00	1110	0.11	0.02	0.31	3.88		
O2-5B	26-Feb-01	1106	0.15	0.26	0.18	4.29		
O2-5B	7-May-01	1114	0.12	0.13	0.35	4.73		
O2-5B	21-Aug-01	1008	0.11	0.15	0.01	4.26		
O2-5B	8-Oct-01	1030	0.11	0.09	0.05	1.74		
O2-5B	5-Mar-02	944	0.12	0.13	0.03	4.11		
O2-5B	17-Apr-02	951	0.17	0.85	0.39	7.30		
O2-5B	8-Jul-02	1108	0.12	0.07	0.14	2.74		
O2-5B	9-Oct-02	942	0.05	0.09	0.12	2.11		
O2-5B	12-Mar-03	1101	0.08	0.13	<0.03	3.53		
O2-5B	22-Apr-03	1104	0.08	0.38	0.04	2.79		
O2-5B	18-Aug-03	1150	0.05	0.04	0.20	2.27		
O2-5B	29-Oct-03	1106	0.04	0.07	0.10	2.00		
O2-5B	11-Mar-04	956	0.12	0.01	<0.04	1.68		
O2-5B	20-May-04	1045	0.11	<0.01	0.21	2.52		
O2-5B	20-Sep-04	947	0.08	<0.01	0.20	1.85		
O2-5B	17-Nov-04	919	0.08	0.02	0.19	0.43		
O2-5B	13-Jan-05	1041	0.04	0.08	0.06	1.84		
O2-5B	11-Apr-05	1041	0.10	0.02	0.19	1.51		

O2-5B	20-Jul-05	1028	0.04	<0.01	0.16	2.75
O2-5B	11-Oct-05	913	0.06	0.02	0.17	5.39
O2-5B	13-Mar-06	1020	0.08	<0.07	0.33	1.97
O2-5B	15-May-06	958	0.22	0.15	0.07	2.91
O2-5B	14-Aug-06	950	0.14	0.19	0.17	1.68
O2-5B	1-Nov-06	1000	0.08	0.20	0.36	2.06
O2-5B	12-Feb-07	1021	0.12	0.30	0.35	2.53
O2-5B	9-Apr-07	951	0.11	0.08	0.23	1.95

TDN (µM)	TOC (mgC/L)	TURBIDITY (NTU)	SALINITY (o/oo)	TEMP/F (Deg C)	pH	DO (ppm)	Chl a (µg/L)	ecal Bact/100 m	Colifor Bact/100 m	Enterococci Bact/100 m
		0.06	34.474	26.6						
		0.10	34.791	25.6						
		0.12	34.434	24.5						
		0.09	34.532	25.2						
		0.07	34.645	27.4						
		0.08	34.627	25.9						
		0.10	34.235	25.0						
		0.06	34.566	26.5						
		0.08	34.540	27.2						
		0.06	34.429	26.8						
		0.06	34.373	25.1						
		0.13	34.327	26.8						
		0.10	34.505	28.0						
		0.09	34.726	27.7						
		0.14	34.711	25.7						
		0.11	34.552	26.3						
		0.12	34.675	26.9						
		0.07	34.737	27.4						
		0.07	35.049	24.8						
		0.14	35.052	23.8						
		0.10	35.006	26.2						
		0.08	35.122	27.2						
		0.07	35.101	25.0						
		0.12	34.739	24.1						
		0.07	34.947	25.6						
		0.12	34.981	25.9						
		0.08	35.156	24.6						
		0.13	34.637	24.2						
		0.08	34.877	27.1						
		0.06	34.021	27.0						
		0.11	34.726	24.9						
		0.10	34.887	24.6						
		0.09	34.819	26.5						
		0.08	34.969	27.2						
		0.11	34.728	24.1						
		0.16	34.413	25.4						
		0.08	34.674	26.5						
		0.09	34.957	27.0						
		0.12	34.865	25.0						
		0.07	35.032	25.1						
		0.03	34.831	26.9						
		0.09	34.839	27.5						
		NO DATA	34.354	25.5						
		NO DATA	33.53	26.9						
		0.09	33.79	27.7						
		0.07	33.68	27.0						
		0.08	34.868	25.5						
		0.08	34.499	25.2						

0.11	34.740	26.6
0.08	34.922	26.5
0.07	34.852	24.7
0.10	34.776	24.9
0.09	34.676	26.6
0.11	34.837	27.4
0.20	34.578	24.5
0.13	34.716	25.0

NELHA Water Quality Laboratory

Transect 2

July 2018 - June 2019

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
T2-1m	8/13/19	1014	0.4	Flood	0.05 1.7	0.16 2.3	0.40 5.6	2.8 79	0.32 10.0	2.63 37	0.11	35.47	28.3	8.21	6.87	0.17
T2-1m	11/20/19	1031	1.9	High	0.12 3.6	0.21 3.0	1.21 17.0	0.6 17	0.47 14.6	2.77 39	0.12	35.36	27.5	8.19	7.03	0.20
T2-1m	1/22/20	1009	0.5	Low	0.18 5.6	0.42 5.9	0.09 1.3	2.7 76	0.47 14.7	3.85 54	0.09	34.92	25.0	8.23	7.00	0.13
T2-1m	6/24/20	1040	-0.1	Low	0.14 4.2	0.83 11.6	0.21 2.9	3.9 109	0.34 10.4	3.86 54	0.08	35.24	25.9	8.17	6.98	0.30
Geomean FY '20					0.11 3.5	0.33 4.6	0.3 4.3		0.4 12.2	3.2 45	0.10					0.19
T2-10m	8/13/19	1020	0.4	Flood	0.05 1.7	0.07 1.0	0.20 2.8	4.0 113	0.33 10.1	2.84 40	0.16	35.54	28.3	8.22	6.92	0.16
T2-10m	11/20/19	1035	1.9	High	0.11 3.3	0.19 2.7	1.20 16.8	0.8 23	0.38 11.7	3.58 50	0.09	35.37	27.5	8.21	6.93	0.18
T2-10m	1/22/20	1014	0.5	Low	0.16 5.1	0.36 5.0	0.09 1.3	2.2 61	0.45 13.9	3.17 44	0.05	34.93	25.0	8.21	6.83	0.13
T2-10m	6/24/20	1044	-0.1	Low	0.13 4.0	0.78 10.9	0.15 2.1	3.6 102	0.32 10.0	3.09 43	0.07	35.27	25.9	8.17	6.97	0.26
Geomean FY '20					0.11 3.3	0.25 3.5	0.24 3.3		0.37 11.3	3.2 44	0.08					0.18
T2-50m	8/13/19	1025	0.4	Flood	0.06 2.0	0.12 1.7	0.09 1.3	4.5 125	0.33 10.2	2.82 40	0.08	35.54	28.3	8.22	6.6	0.18
T2-50m	11/20/19	1040	1.9	High	0.08 2.5	0.12 1.7	0.70 9.8	0.2 7	0.40 12.4	2.53 36	0.09	35.34	27.5	8.22	6.61	0.16
T2-50m	1/22/20	1021	0.5	Low	0.12 3.8	0.16 2.3	0.09 1.3	0.0 0	0.40 12.3	2.81 39	0.04	34.93	25.0	8.22	6.67	0.11
T2-50m	6/24/20	1049	-0.1	Low	0.11 3.4	0.14 1.9	0.09 1.3	2.3 65	0.32 10.0	3.06 43	0.08	35.36	25.9	8.18	6.77	0.38
Geomean FY '20					0.09 2.8	0.13 1.9	0.15 2.1		0.36 11.2	2.8 39	0.07					0.19
T2-100m	8/13/19	1034	0.4	Flood	0.01 0.4	0.16 2.3	0.26 3.6	3.3 93	0.29 9.1	2.50 35	0.13	35.58	28.3	8.22	6.45	0.18
T2-100m	11/20/19	1045	1.9	High	0.09 2.9	0.06 0.9	0.39 5.5	0.5 14	0.41 12.6	2.18 31	0.10	35.30	27.5	8.22	6.54	0.14
T2-100m	1/22/20	1026	0.5	Low	0.11 3.3	0.16 2.3	0.09 1.3	-0.1 -3	0.39 12.0	2.58 36	0.04	34.92	25.1	8.21	6.68	0.12
T2-100m	6/24/20	1055	-0.1	Low	0.09 2.9	0.16 2.3	0.09 1.3	1.4 39	0.30 9.4	2.20 31	0.03	35.42	25.8	8.18	6.69	0.39
Geomean FY '20					0.06 1.8	0.13 1.8	0.17 2.4		0.34 10.7	2.4 33	0.06					0.19
T2-500m	8/13/19	1043	0.4	Flood	0.02 0.5	0.16 2.3	0.26 3.7	1.9 55	0.26 8.0	1.83 26	0.08	35.66	28.3	8.21	6.51	0.12
T2-500m	11/20/19	1053	1.9	High	0.09 2.7	0.05 0.7	0.09 1.3	0.6 17	0.44 13.5	2.76 39	0.05	35.25	27.6	8.22	6.50	0.16
T2-500m	1/22/20	1036	0.5	Low	0.11 3.3	0.16 2.3	0.09 1.3	1.2 35	0.36 11.3	2.09 29	0.06	34.94	25.0	8.22	6.52	0.14
T2-500m	6/24/20	1104	-0.1	Low	0.07 2.3	0.16 2.3	0.09 1.3	0.4 12	0.22 6.9	0.94 13	0.05	35.49	25.8	8.17	6.71	0.22
Geomean FY '20					0.06 1.8	0.12 1.7	0.12 1.6		0.31 9.6	1.8 25	0.06					0.16

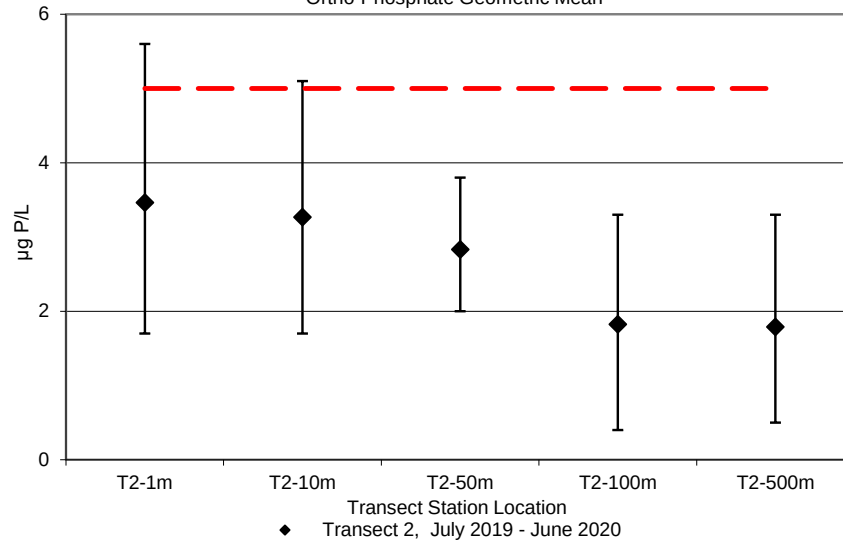
NELHA Water Quality Laboratory

Transect 2

July 2018 - June 2019

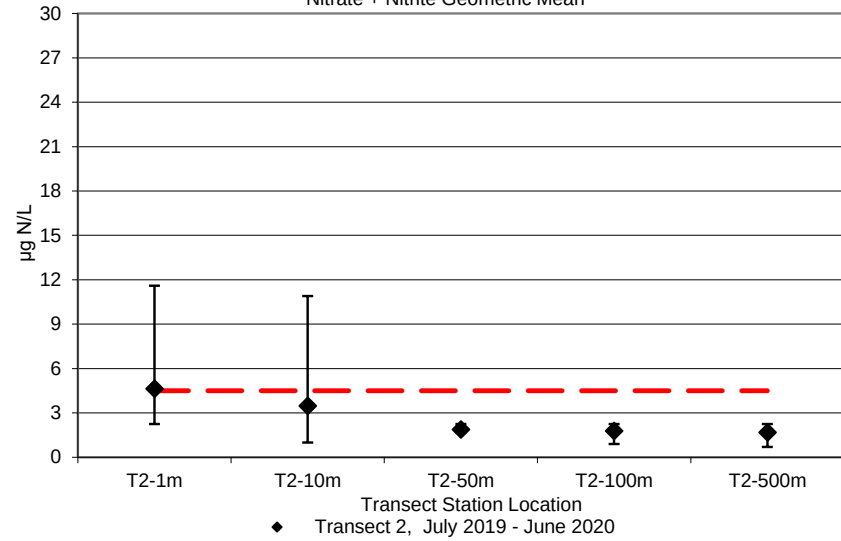
Transect 2 Station Summary

Ortho-Phosphate Geometric Mean



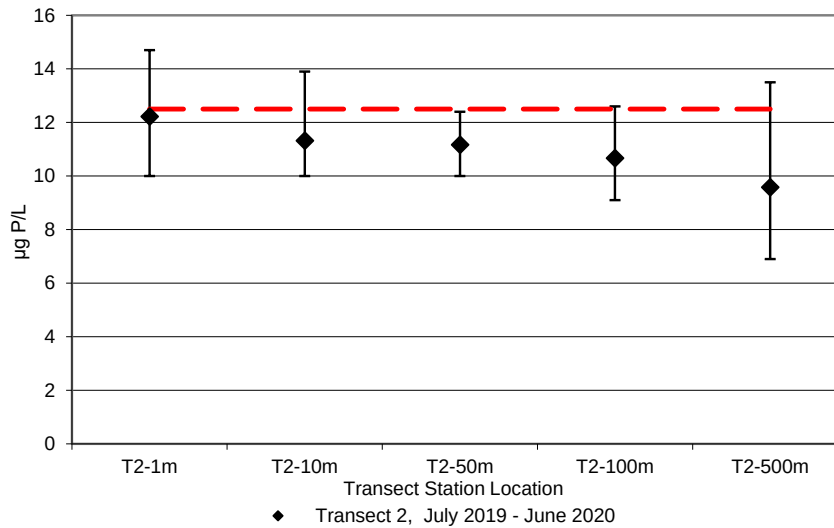
Transect 2 Station Summary

Nitrate + Nitrite Geometric Mean



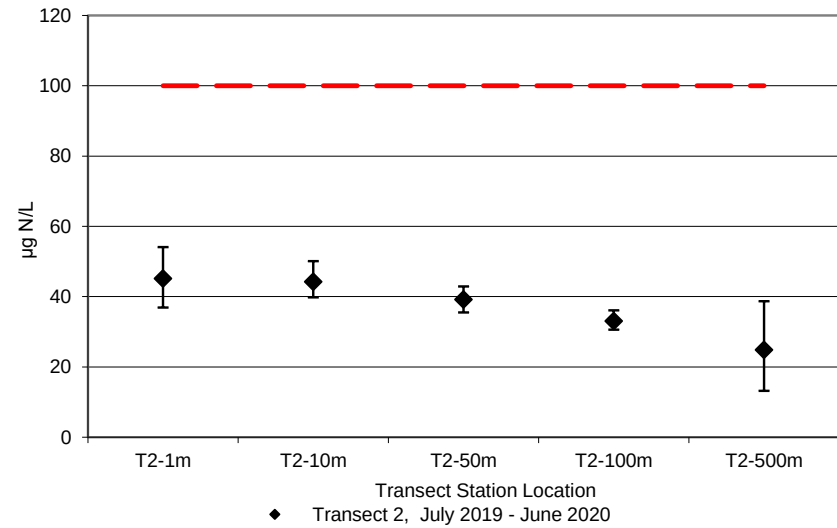
Transect 2 Station Summary

Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary

Total Dissolved Nitrogen Geometric Mean



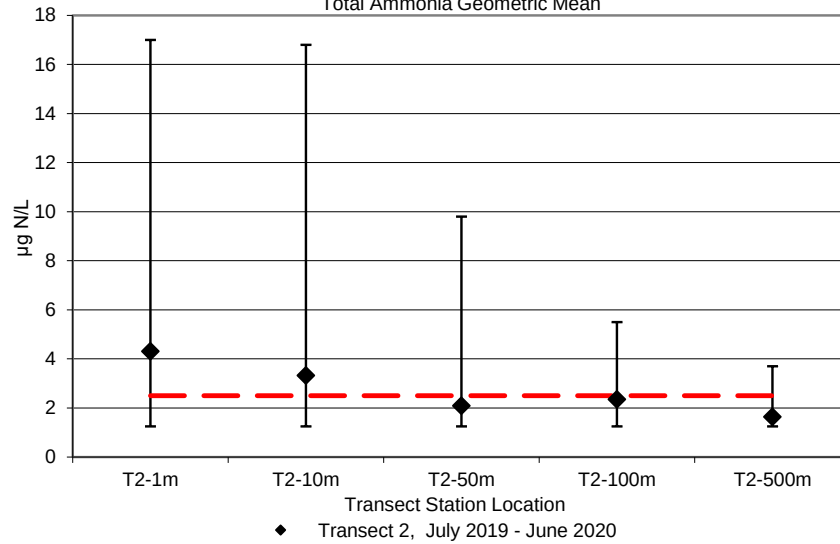
NELHA Water Quality Laboratory

Transect 2

July 2018 - June 2019

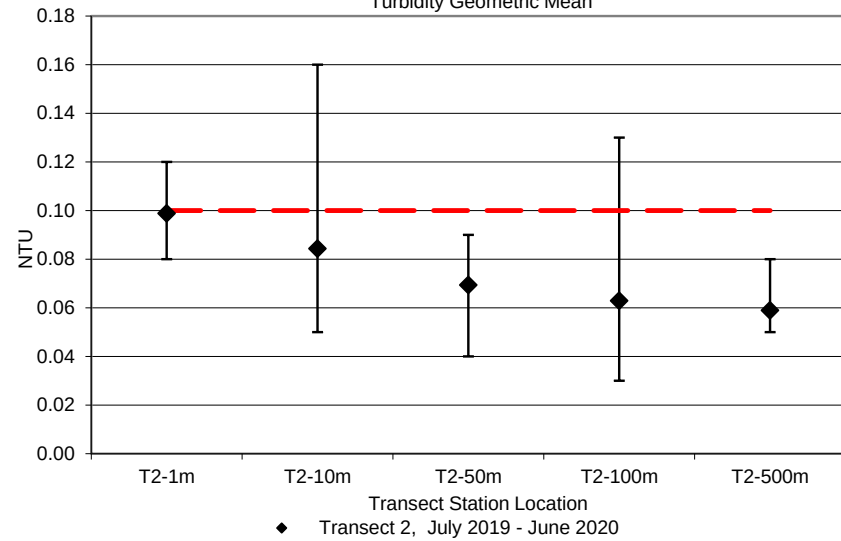
Transect 2 Station Summary

Total Ammonia Geometric Mean



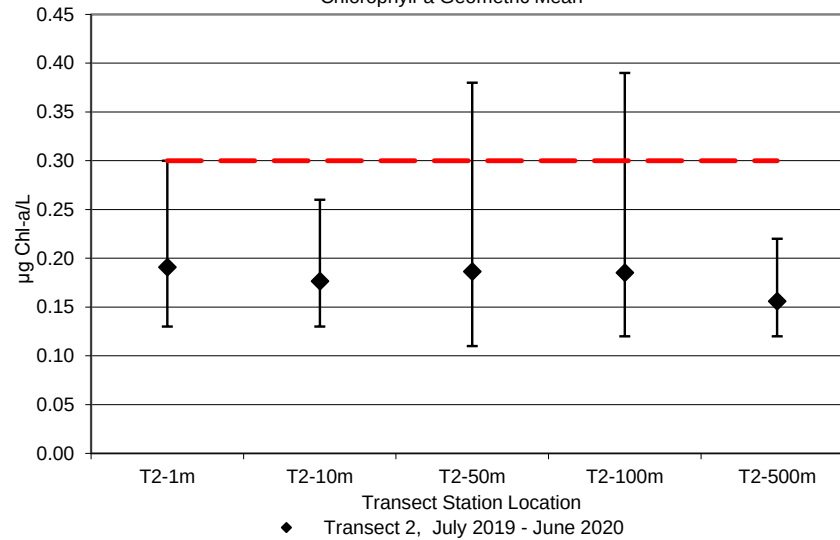
Transect 2 Station Summary

Turbidity Geometric Mean



Transect 2 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 2

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
T2-1m	9/24/18	1016	0.3	Low	0.06	1.9	0.25	3.5	0.31	4.3	1.6	44	0.47	14.5	3.98	56	0.10	34.71	27.7	8.18	5.35	0.13
T2-1m	#####	1052	1.4	Ebb	0.08	2.5	0.87	12.2	0.46	6.4	1.3	37	0.39	12.2	5.08	71	0.11	34.97	27.3	8.23	4.80	0.26
T2-1m	1/22/19	1039	0.4	Ebb	0.15	4.6	0.62	8.7	0.10	1.4	2.9	80	0.43	13.4	3.32	47	0.08	34.92	24.9	8.22	5.90	0.29
T2-1m	4/16/19	1039	0.6	Flood	0.14	4.4	0.30	4.2	0.40	5.6	2.0	55	0.40	12.5	2.96	41	0.08	35.61	25.8	8.15	7.60	0.16
Geomear FY '19					0.10	3.1	0.45	6.3	0.3	3.8			0.4	13.1	3.8	53	0.09					0.20
T2-10m	9/24/18	1023	0.3	Low	0.05	1.6	0.16	2.3	0.16	2.3	0.2	5	0.36	11.2	2.73	38	0.10	34.77	27.8	8.17	5.2	0.20
T2-10m	#####	1056	1.4	Ebb	0.07	2.3	0.81	11.3	0.41	5.7	1.0	28	0.39	12.1	4.78	67	0.09	35.00	27.3	8.21	4.46	0.37
T2-10m	1/22/19	1043	0.4	Ebb	0.09	2.7	0.09	1.3	0.01	0.1	0.1	4	0.38	11.8	2.42	34	0.08	34.99	25.1	8.22	5.79	0.12
T2-10m	4/16/19	1045	0.6	Flood	0.14	4.4	0.32	4.5	0.19	2.6	2.0	56	0.41	12.8	3.08	43	0.07	35.63	25.8	8.16	7.56	0.14
Geomear FY '19					0.08	2.6	0.25	3.5	0.10	1.4			0.39	12.0	3.1	44	0.08					0.19
T2-50m	9/24/18	1030	0.3	Low	0.03	0.9	0.16	2.3	0.10	1.4	0.5	15	0.32	9.9	2.69	38	0.07	34.80	27.8	8.17	5.15	0.20
T2-50m	#####	1101	1.4	Ebb	0.04	1.1	0.24	3.4	0.27	3.8	0.2	6	0.34	10.6	4.21	59	0.08	35.03	27.3	8.21	4.32	0.25
T2-50m	1/22/19	1047	0.4	Ebb	0.08	2.6	0.02	0.3	0.07	1.0	0.2	5	0.37	11.5	2.02	28	0.05	35.00	25.1	8.22	5.65	0.18
T2-50m	4/16/19	1051	0.6	Flood	0.15	4.6	0.35	4.9	0.03	0.4	2.3	65	0.40	12.5	3.35	47	0.06	35.59	25.8	8.15	7.49	0.14
Geomear FY '19					0.06	1.9	0.13	1.8	0.09	1.2			0.36	11.1	3.0	41	0.06					0.19
T2-100m	9/24/18	1037	0.3	Low	0.02	0.7	0.16	2.3	0.13	1.8	0.5	14	0.31	9.5	1.87	26	0.08	34.80	27.8	8.17	5.15	0.23
T2-100m	#####	1105	1.4	Ebb	0.03	0.8	0.20	2.8	0.25	3.5	0.2	6	0.34	10.4	3.41	48	0.08	35.03	27.3	8.22	4.39	0.15
T2-100m	1/22/19	1052	0.4	Ebb	0.10	3.1	0.01	0.2	0.03	0.4	0.0	0	0.38	11.7	1.93	27	0.05	35.00	25.1	8.22	5.66	0.18
T2-100m	4/16/19	1057	0.6	Flood	0.12	3.6	0.05	0.7	0.16	2.2	1.5	42	0.37	11.6	2.41	34	0.04	35.61	25.9	8.15	7.17	0.12
Geomear FY '19					0.05	1.6	0.07	1.0	0.11	1.5			0.35	10.8	2.3	33	0.06					0.17
T2-500m	9/24/18	1047	0.3	Low	0.01	0.4	0.16	2.3	0.19	2.7	0.5	14	0.29	9.0	1.41	20	0.09	34.80	27.9	8.16	5.03	0.17
T2-500m	#####	1112	1.4	Ebb	0.07	2.1	0.12	1.7	0.18	2.5	2.1	59	0.32	9.9	2.13	30	0.06	35.01	27.4	8.22	4.62	0.14
T2-500m	1/22/19	1100	0.4	Ebb	0.09	2.8	0.04	0.5	0.08	1.1	0.7	20	0.37	11.5	1.12	16	0.07	34.96	25.0	8.22	5.64	0.11
T2-500m	4/16/19	1105	0.6	Flood	0.13	4.0	0.32	4.5	0.03	0.4	4.7	132	0.38	11.8	1.66	23	0.04	35.50	26.0	8.14	7.06	0.16
Geomear FY '19					0.06	1.8	0.12	1.7	0.09	1.3			0.34	10.5	1.5	22	0.06					0.14

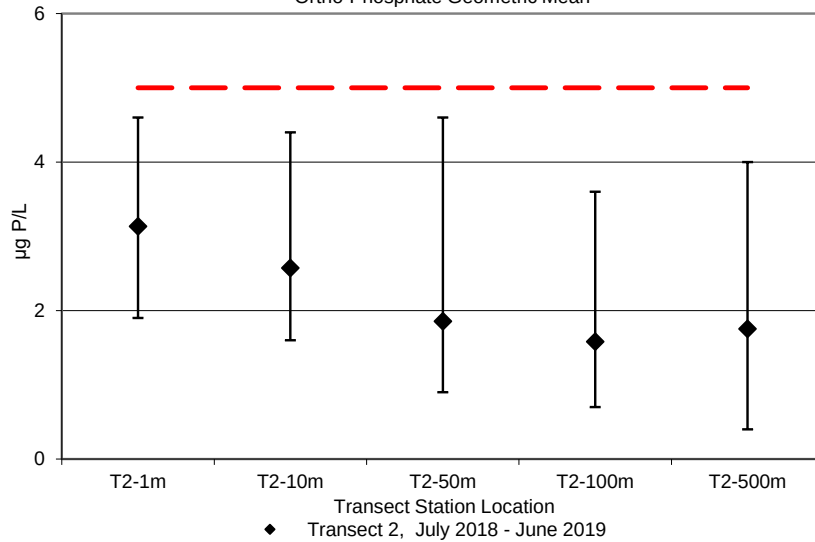
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Transect 2

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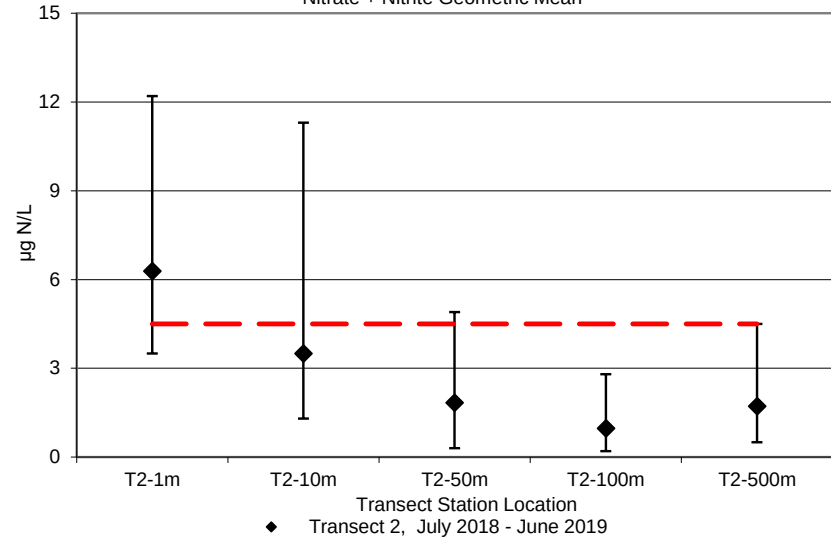
Transect 2 Station Summary

Ortho-Phosphate Geometric Mean

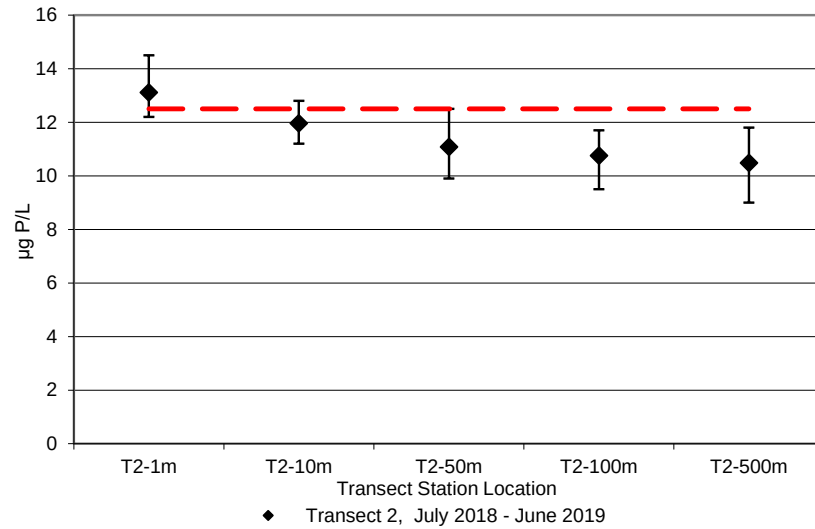


Transect 2 Station Summary

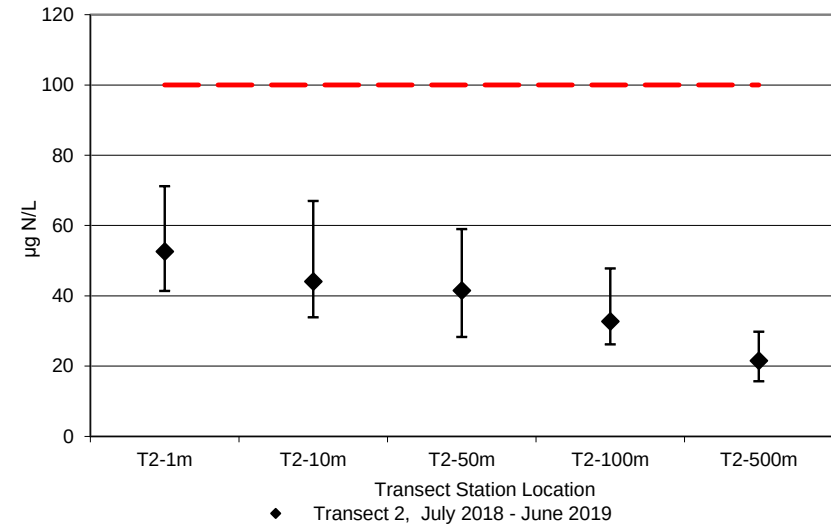
Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary
Total Dissolved Nitrogen Geometric Mean



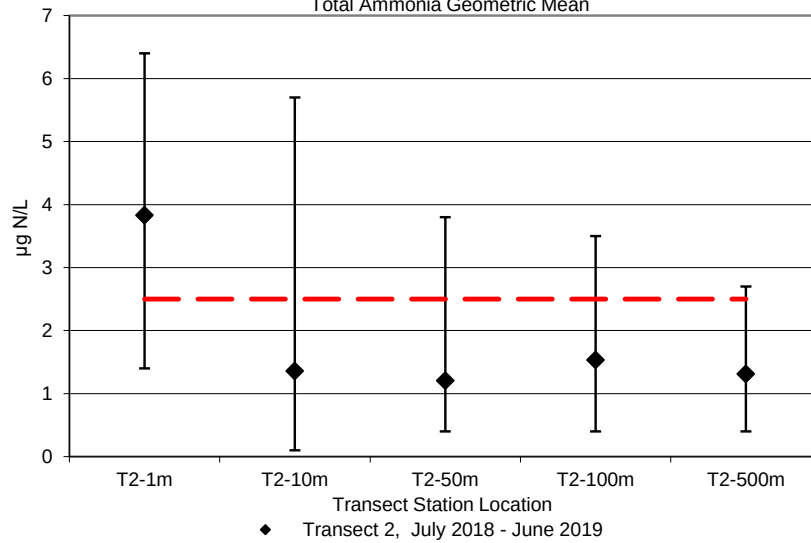
NELHA Water Quality Laboratory

Transect 2

July 2018 - June 2019

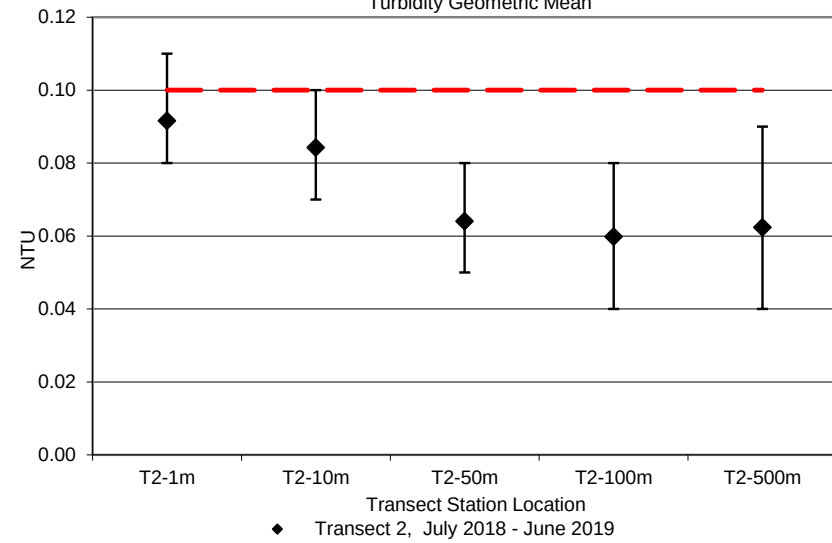
Transect 2 Station Summary

Total Ammonia Geometric Mean



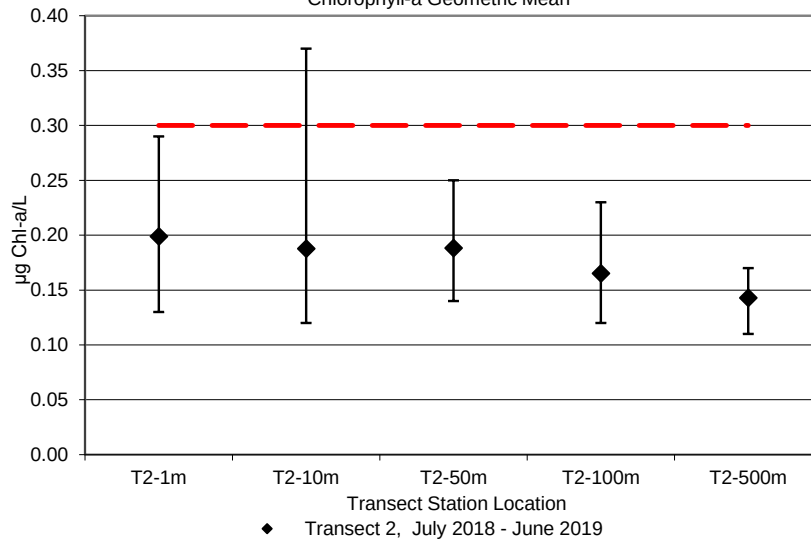
Transect 2 Station Summary

Turbidity Geometric Mean



Transect 2 Station Summary

Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

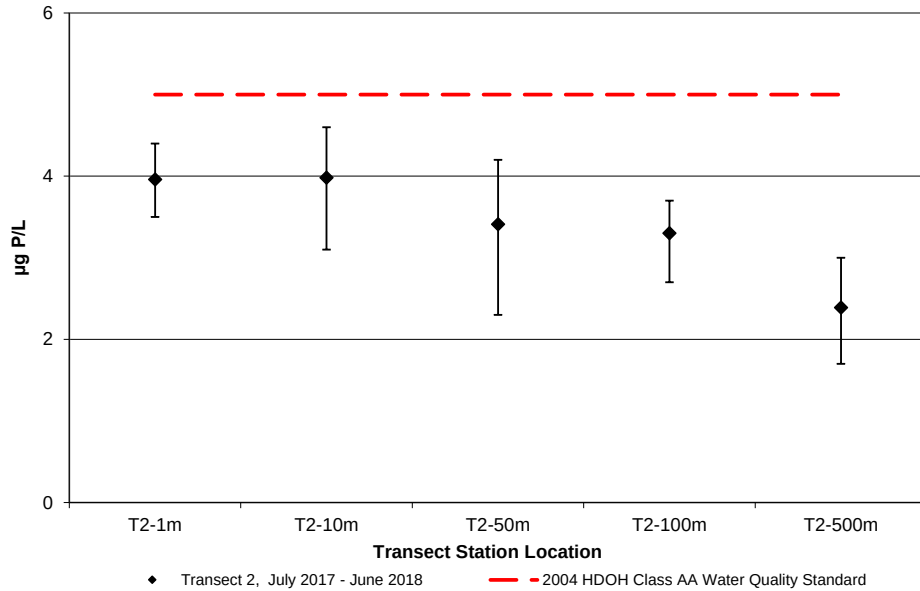
Transect 2

July 2017 - June 2018

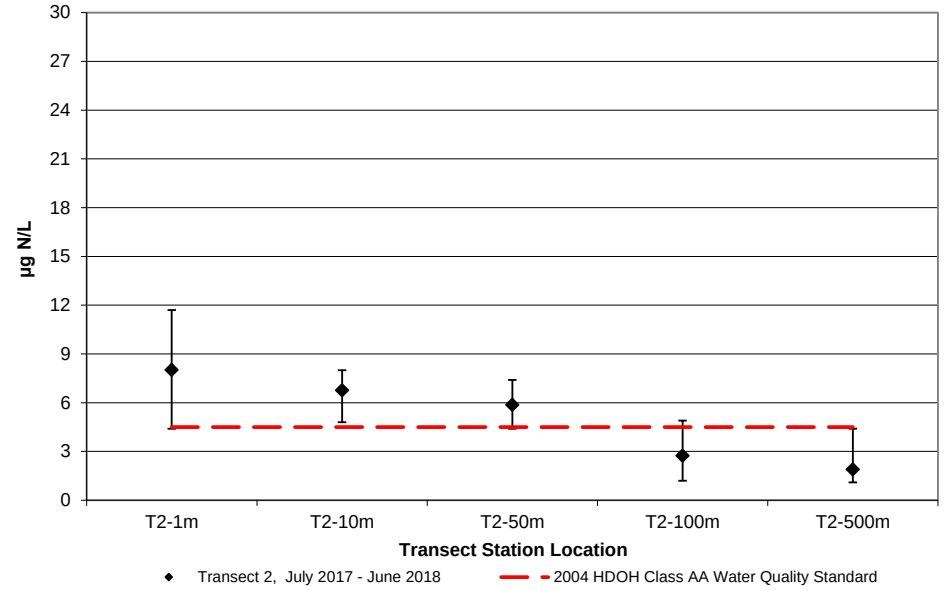
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)	
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30	
T2-1m	9/27/17	1012	1.6	High	0.14	4.4	0.31	4.4	0.29	4.0	1.1	31	0.46	14.1	4.40	62	0.09	34.79	27.8	8.20	4.45	0.26
T2-1m	11/28/17	1108	1.7	High	0.13	4.1	0.69	9.6	0.36	5.1	2.4	69	0.43	13.3	14.55	204	0.11	35.04	26.1	8.22	5.01	0.24
T2-1m	1/30/18	1048	0.2	Low	0.13	3.9	0.60	8.4	0.19	2.7	3.3	93	0.38	11.9	3.53	50	0.09	34.84	24.6	8.17	5.58	0.13
T2-1m	5/16/18	1046	-0.4	Low	0.11	3.5	0.84	11.7	0.19	2.7	4.4	122	0.40	12.5	3.47	49	0.03	34.63	25.6	8.17	6.30	0.14
Geomean	FY '18				0.13	4.0	0.57	8.0	0.2	3.5			0.4	12.9	5.3	74	0.07					0.18
T2-10m	9/27/17	1016	1.6	High	0.14	4.2	0.34	4.8	0.25	3.5	1.1	32	0.42	12.9	4.54	64	0.11	34.80	27.8	8.20	4.44	0.23
T2-10m	11/28/17	1114	1.7	High	0.15	4.6	0.51	7.1	0.25	3.5	2.6	72	0.40	12.4	3.73	52	0.07	35.05	26.1	8.21	5.03	0.26
T2-10m	1/30/18	1056	0.2	Low	0.14	4.2	0.55	7.7	0.24	3.3	3.0	85	0.36	11.2	2.91	41	0.10	34.84	24.6	8.17	5.54	0.13
T2-10m	5/16/18	1051	-0.4	Low	0.10	3.1	0.57	8.0	0.17	2.4	3.6	102	0.38	11.8	2.98	42	0.02	34.71	25.6	8.17	6.10	0.13
Geomean	FY '18				0.13	4.0	0.48	6.8	0.22	3.1			0.39	12.1	3.5	49	0.06					0.18
T2-50m	9/27/17	1021	1.6	High	0.13	4.0	0.40	5.6	0.26	3.7	1.3	38	0.44	13.7	2.66	37	0.12	34.79	27.7	8.20	4.39	0.18
T2-50m	11/28/17	1119	1.7	High	0.14	4.2	0.53	7.4	0.31	4.4	3.0	85	0.38	11.9	5.43	76	0.09	35.03	26.2	8.20	4.83	0.26
T2-50m	1/30/18	1059	0.2	Low	0.11	3.5	0.46	6.5	0.21	2.9	2.7	76	0.38	11.9	4.22	59	0.12	34.86	24.6	8.16	5.44	0.11
T2-50m	5/16/18	1056	-0.4	Low	0.07	2.3	0.31	4.4	0.12	1.7	3.0	85	0.36	11.3	4.06	57	0.02	34.73	25.6	8.16	5.95	0.12
Geomean	FY '18				0.11	3.4	0.42	5.9	0.21	3.0			0.39	12.2	4.0	56	0.07					0.16
T2-100m	9/27/17	1026	1.6	High	0.11	3.3	0.16	2.2	0.15	2.1	1.0	27	0.41	12.7	2.48	35	0.09	34.80	27.8	8.20	4.29	0.18
T2-100m	11/28/17	1128	1.7	High	0.12	3.7	0.35	4.9	0.21	2.9	2.4	69	0.38	11.9	3.08	43	0.07	35.04	26.2	8.20	4.75	0.19
T2-100m	1/30/18	1105	0.2	Low	0.12	3.6	0.31	4.4	0.16	2.3	1.9	54	0.37	11.5	2.36	33	0.07	34.88	24.6	8.15	5.33	0.14
T2-100m	5/16/18	1102	-0.4	Low	0.09	2.7	0.09	1.2	0.11	1.6	3.6	100	0.33	10.1	1.51	21	0.02	34.71	25.6	8.16	5.96	0.10
Geomean	FY '18				0.11	3.3	0.20	2.7	0.16	2.2			0.37	11.5	2.3	32	0.05					0.15
T2-500m	9/27/17	1036	1.6	High	0.09	2.9	0.11	1.5	0.11	1.6	0.5	14	0.42	13.1	2.54	36	0.08	34.81	27.8	8.21	4.25	0.17
T2-500m	11/28/17	1136	1.7	High	0.10	3.0	0.31	4.4	0.25	3.5	2.2	61	0.36	11.1	2.52	35	0.07	35.05	26.2	8.20	4.75	0.18
T2-500m	1/30/18	1116	0.2	Low	0.07	2.2	0.13	1.8	0.06	0.8	1.2	34	0.32	10.0	1.92	27	0.08	34.88	24.6	8.17	5.22	0.20
T2-500m	5/16/18	1109	-0.4	Low	0.05	1.7	0.08	1.1	0.07	1.0	1.3	37	0.35	10.9	2.34	33	0.02	34.79	25.7	8.17	5.92	0.10
Geomean	FY '18				0.08	2.4	0.14	1.9	0.10	1.5			0.36	11.2	2.3	32	0.05					0.16

NELHA Water Quality Laboratory
Transect 2
 July 2017 - June 2018

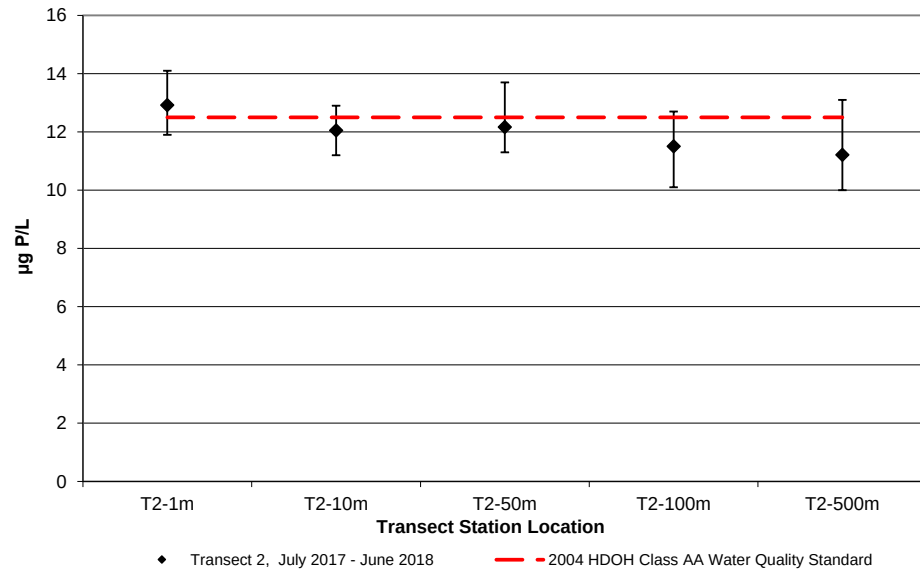
Transect 2 Station Summary
 Ortho-Phosphate Geometric Mean



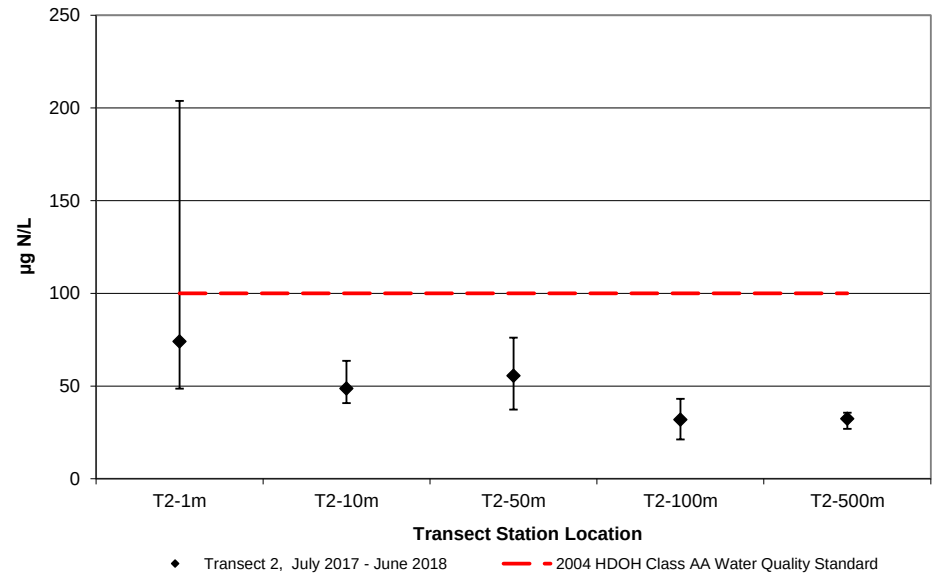
Transect 2 Station Summary
 Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
 Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary
 Total Dissolved Nitrogen Geometric Mean

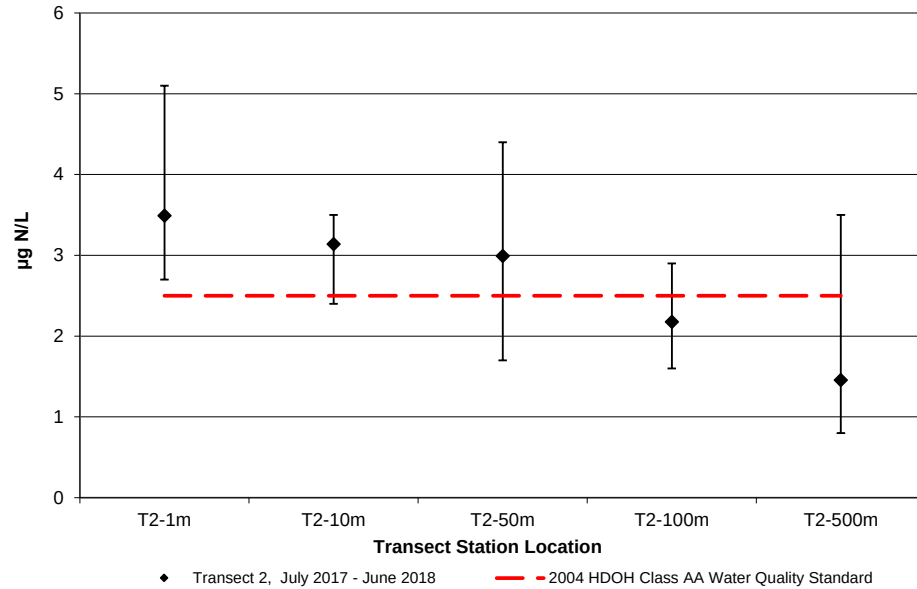


NELHA Water Quality Laboratory

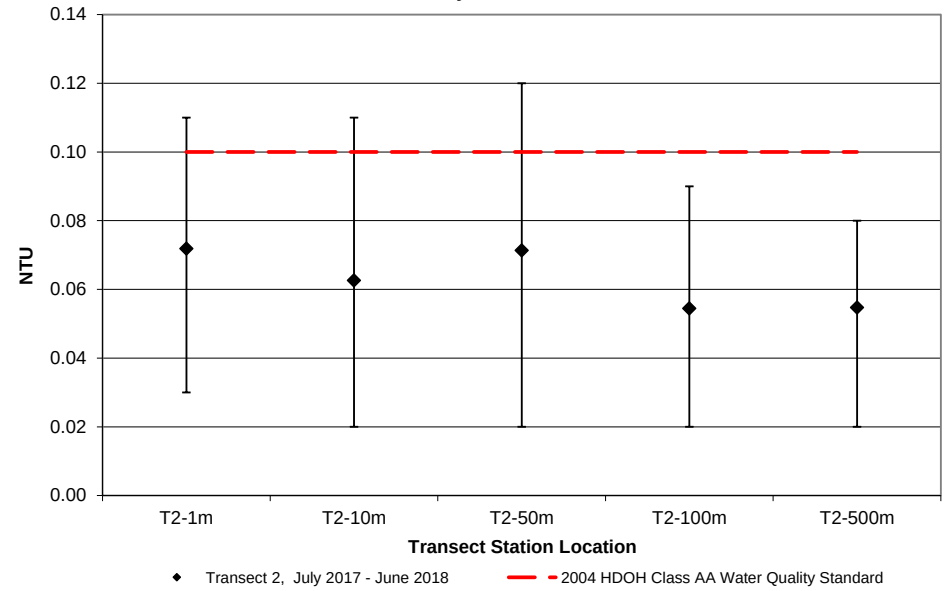
Transect 2

July 2017 - June 2018

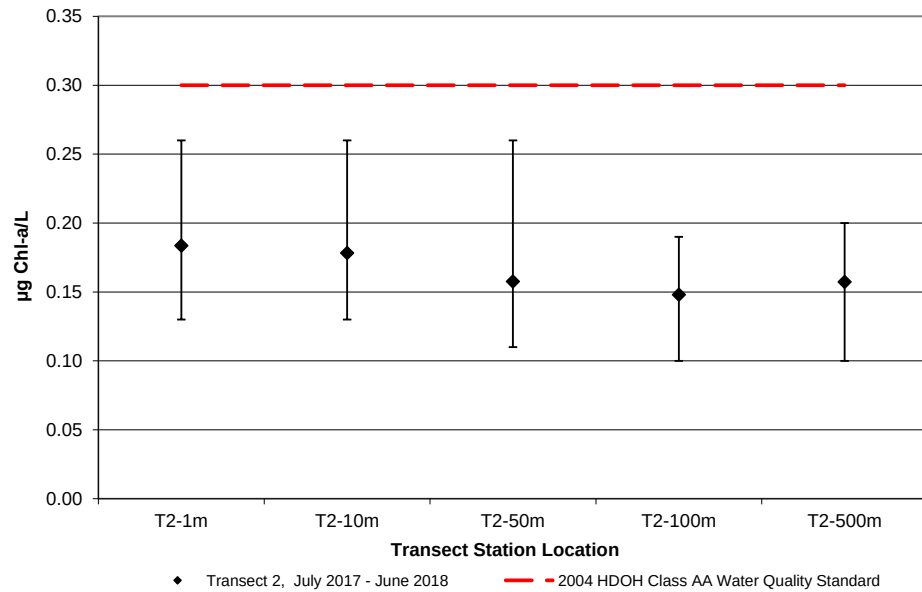
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

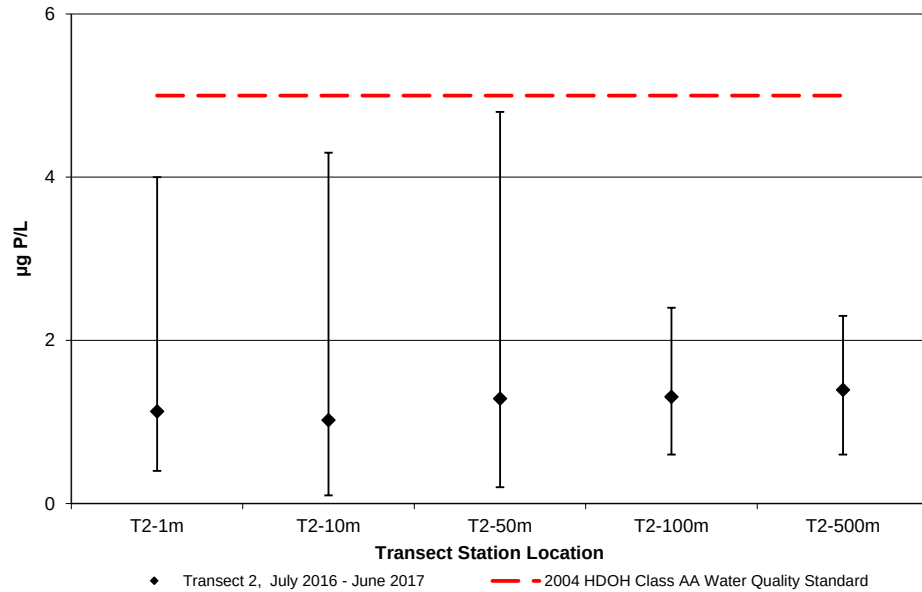
Transect 2

July 2016 - June 2017

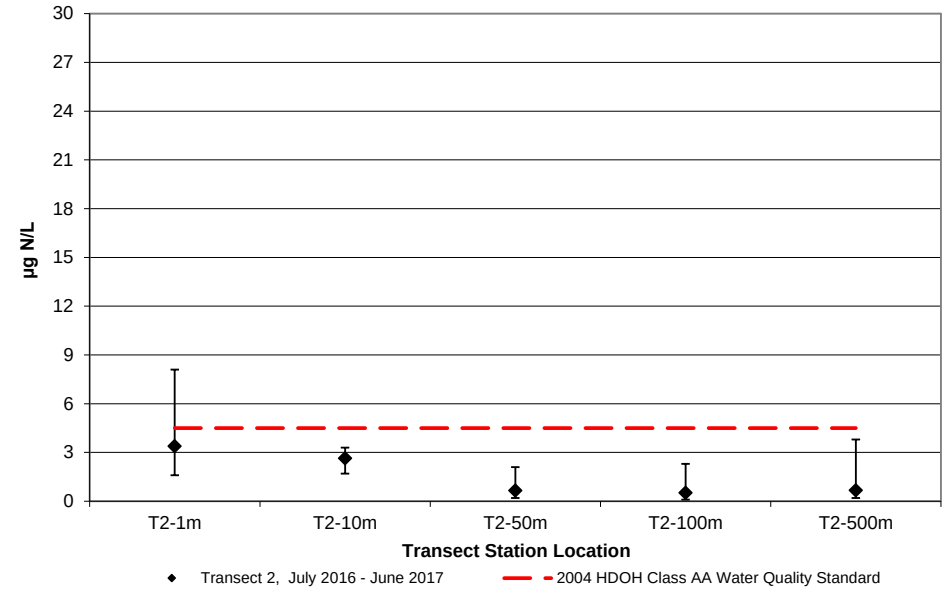
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5	0.40	12.5	7.1	100	0.10		0.30					
T2-1m	7/6/16	1040	-0.1 Flood	0.13	4.0	0.11	1.6	0.45	6.3	1.8	52	0.24	7.5	4.93	69	0.09	34.53	26.9	8.26	6.53	0.20
T2-1m	12/20/16	1027	1.4 Ebb	0.05	1.7	0.22	3.1	0.23	3.2	1.6	45	0.36	11.1	4.14	58	0.05	34.71	25.6	8.27	5.77	0.24
T2-1m	2/28/17	924	0.2 Ebb	0.01	0.4	0.24	3.3	0.01	0.1	0.7	19	0.30	9.2	3.05	43	0.10	34.66	24.7	8.21	5.98	0.13
T2-1m	5/10/17	924	-0.2 Low	0.02	0.6	0.58	8.1	0.26	3.6	2.2	60	0.25	7.8	4.46	63	0.13	34.70	25.7	8.20	4.32	0.10
Geomean	FY '17			0.04	1.1	0.24	3.4	0.1	1.6	0.3	8.8	4.1	57	0.09							0.16
T2-10m	7/6/16	1050	-0.1 Flood	0.14	4.3	0.24	3.3	0.56	7.8	1.4	39	0.46	14.2	6.66	93	0.11	34.55	26.9	8.27	6.67	0.24
T2-10m	12/20/16	1034	1.4 Ebb	0.05	1.5	0.21	3.0	0.31	4.3	1.4	39	0.36	11.3	4.08	57	0.02	34.72	25.6	8.27	6.14	0.21
T2-10m	2/28/17	930	0.2 Ebb	0.00	0.1	0.12	1.7	0.12	1.7	0.3	8	0.30	9.2	3.51	49	0.07	34.67	24.7	8.22	5.86	0.13
T2-10m	5/10/17	927	-0.2 Low	0.05	1.7	0.21	2.9	0.07	1.0	0.9	26	0.22	6.9	4.50	63	0.07	34.73	25.7	8.21	4.27	0.08
Geomean	FY '17			0.03	1.0	0.19	2.6	0.20	2.7	0.32	10.0	4.5	64	0.06							0.15
T2-50m	7/6/16	1100	-0.1 Flood	0.15	4.8	0.01	0.2	0.32	4.5	3.8	106	0.52	16.0	5.70	80	0.07	34.57	26.9	8.26	6.51	0.24
T2-50m	12/20/16	1040	1.4 Ebb	0.05	1.5	0.15	2.1	0.19	2.6	5.1	144	0.34	10.4	4.25	60	0.04	34.74	25.6	8.27	5.75	0.15
T2-50m	2/28/17	935	0.2 Ebb	0.01	0.2	0.06	0.8	0.19	2.7	0.2	4	0.31	9.6	6.27	88	0.08	34.70	24.7	8.22	5.77	0.11
T2-50m	5/10/17	932	-0.2 Low	0.06	1.9	0.04	0.6	0.09	1.3	0.5	15	0.21	6.5	3.75	53	0.07	34.77	25.7	8.22	4.15	0.06
Geomean	FY '17			0.04	1.3	0.05	0.7	0.18	2.5	0.33	10.1	4.9	68	0.06							0.12
T2-100m	7/6/16	1110	-0.1 Flood	0.08	2.4	0.02	0.3	0.23	3.2	0.0	1	0.47	14.5	5.38	75	0.07	34.60	26.9	8.27	6.55	0.23
T2-100m	12/20/16	1045	1.4 Ebb	0.04	1.2	0.16	2.3	0.16	2.3	1.7	47	0.33	10.3	3.06	43	0.02	34.72	25.6	8.27	5.66	0.14
T2-100m	2/28/17	941	0.2 Ebb	0.02	0.6	0.01	0.1	0.28	3.9	0.2	5	0.29	9.0	4.61	65	0.07	34.70	24.7	8.23	5.75	0.09
T2-100m	5/10/17	937	-0.2 Low	0.05	1.7	0.08	1.1	0.07	1.0	0.7	21	0.21	6.6	3.28	46	0.07	34.76	25.7	8.21	4.11	0.09
Geomean	FY '17			0.04	1.3	0.04	0.5	0.17	2.3	0.31	9.7	4.0	56	0.05							0.13
T2-500m	7/6/16	1122	-0.1 Flood	0.07	2.3	0.27	3.8	0.25	3.5	0.3	7	0.54	16.7	4.07	57	0.11	34.60	27.2	8.28	6.49	0.31
T2-500m	12/20/16	1054	1.4 Ebb	0.04	1.3	0.10	1.4	0.16	2.2	1.7	48	0.33	10.2	2.23	31	0.05	34.71	25.6	8.26	5.61	0.10
T2-500m	2/28/17	951	0.2 Ebb	0.02	0.6	0.01	0.2	0.36	5.1	0.1	4	0.28	8.7	3.68	52	0.07	34.68	24.7	8.23	5.72	0.08
T2-500m	5/10/17	944	-0.2 Low	0.07	2.1	0.01	0.2	0.16	2.2	0.0	0	0.19	6.0	2.07	29	0.07	34.78	25.8	8.20	4.14	0.04
Geomean	FY '17			0.04	1.4	0.05	0.7	0.22	3.0	0.31	9.7	2.9	40	0.07							0.10

NELHA Water Quality Laboratory
Transect 2
 July 2016 - June 2017

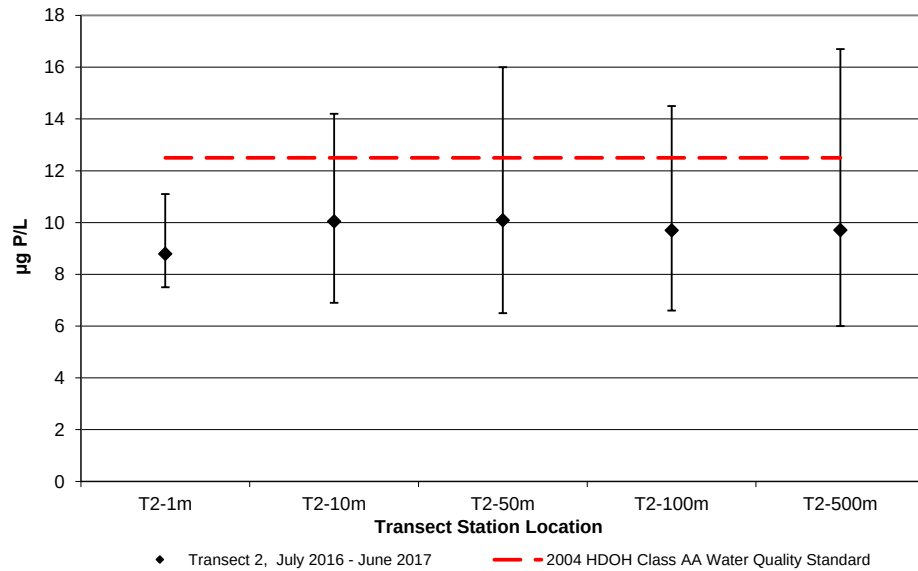
Transect 2 Station Summary
 Ortho-Phosphate Geometric Mean



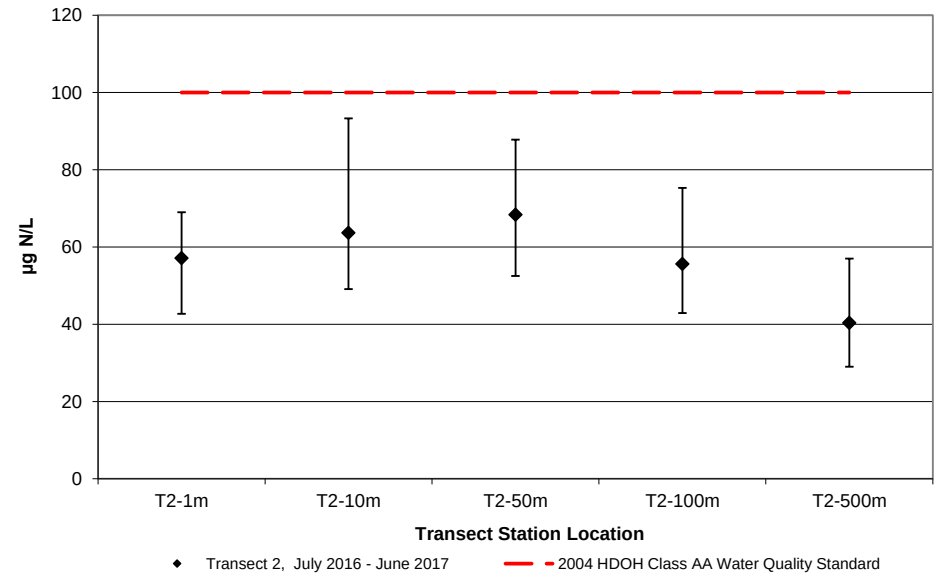
Transect 2 Station Summary
 Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
 Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary
 Total Dissolved Nitrogen Geometric Mean

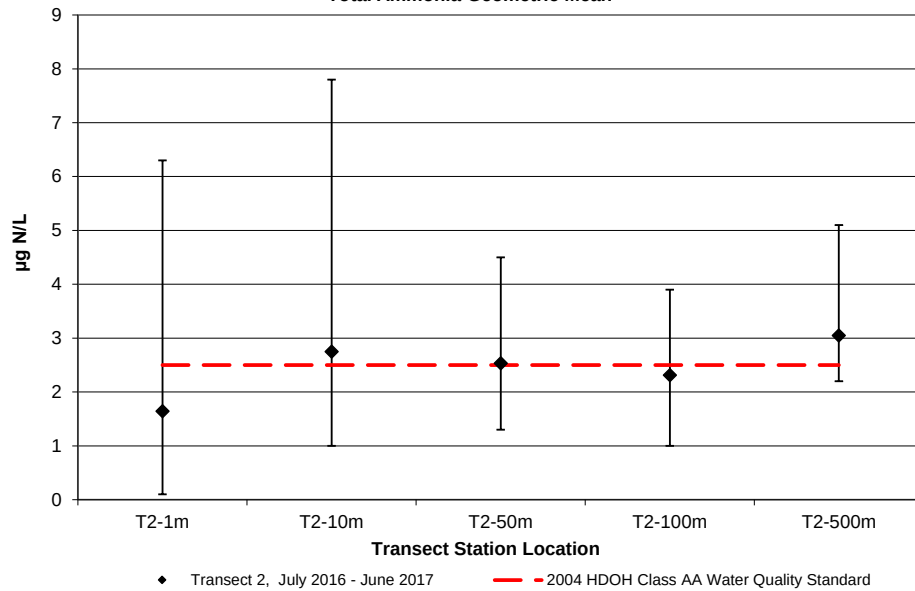


NELHA Water Quality Laboratory

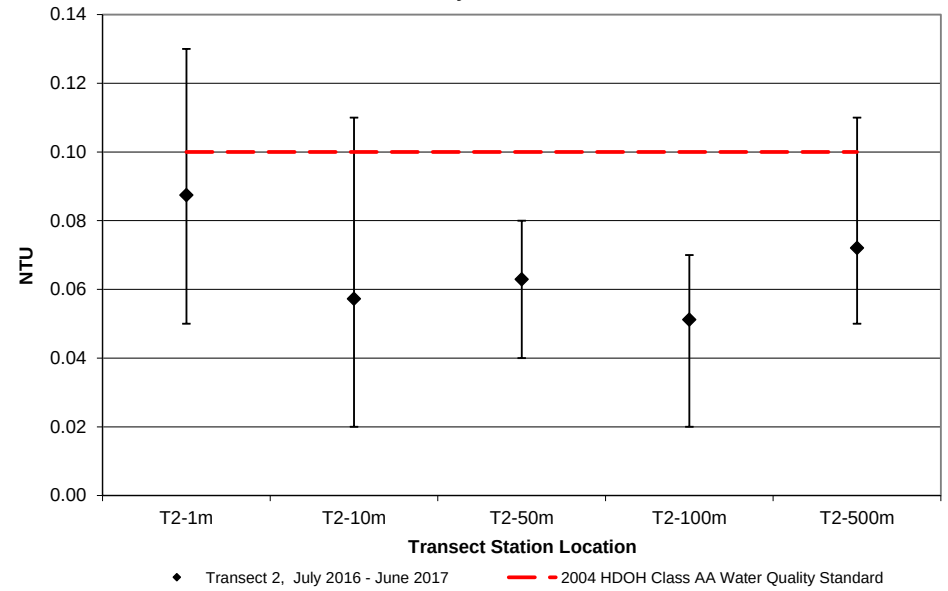
Transect 2

July 2016 - June 2017

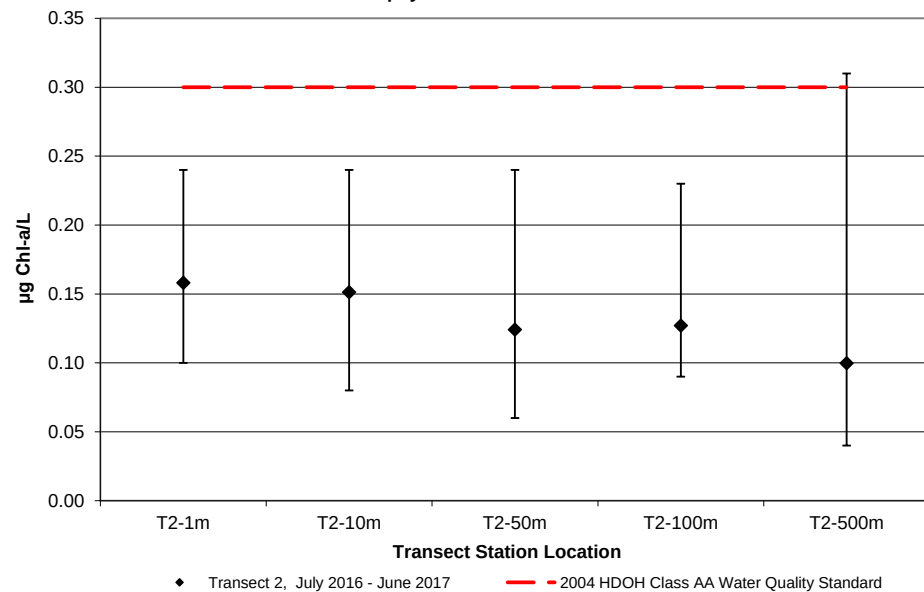
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



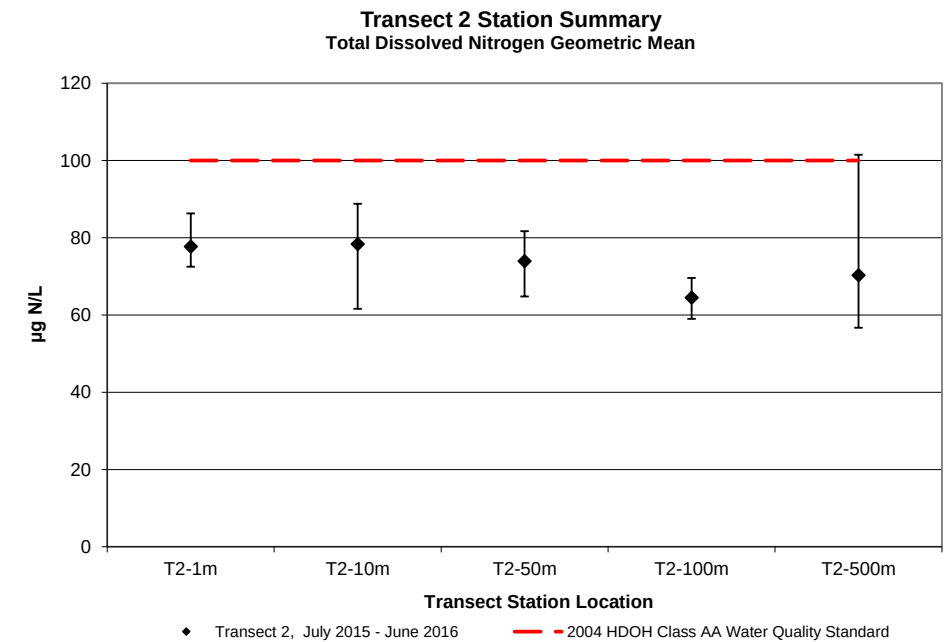
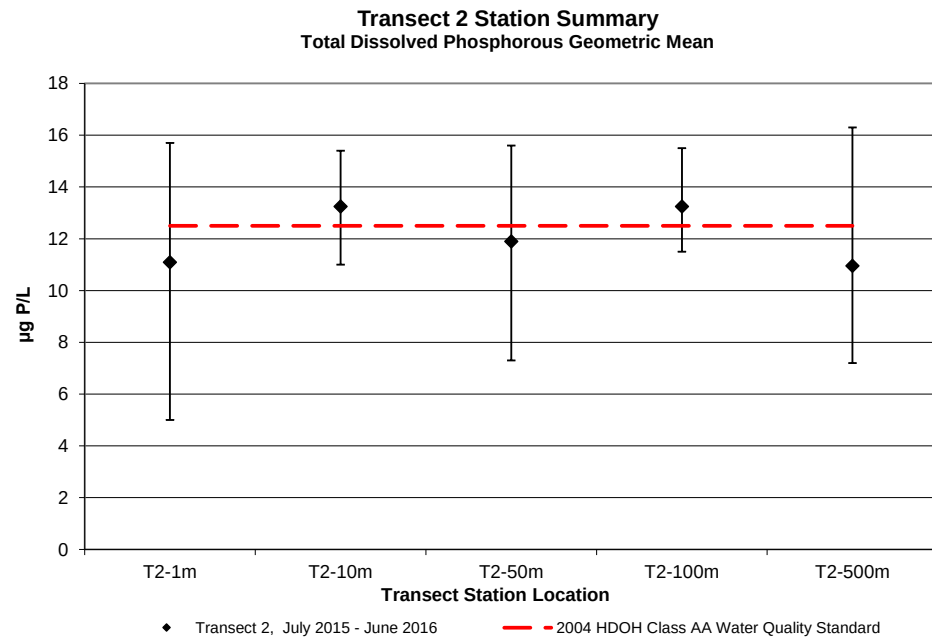
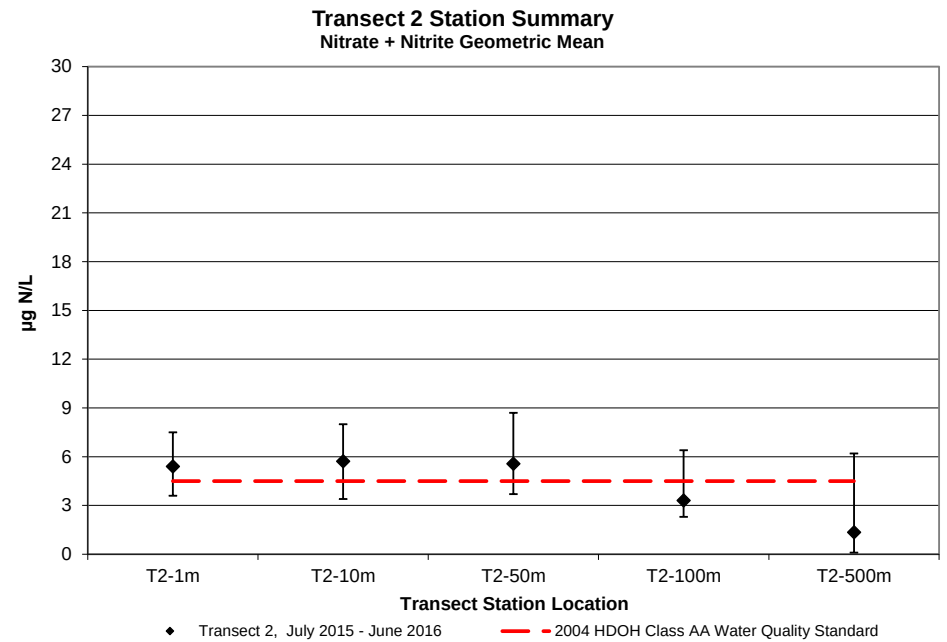
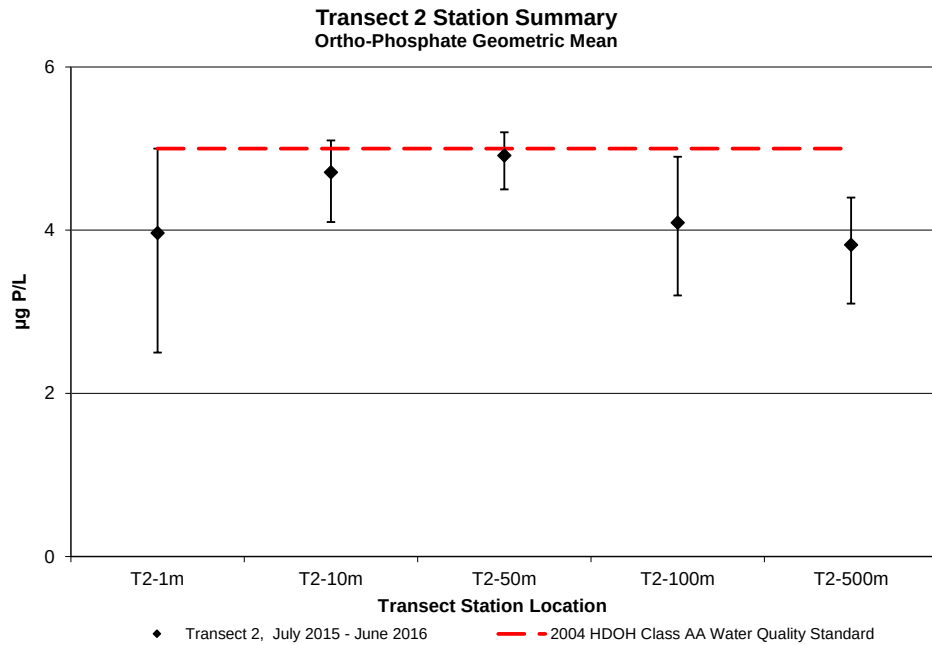
NELHA Water Quality Laboratory

Transect 2

July 2015 - June 2016

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					0.165	0.324.5	0.182.5		0.4012.5	7.1100	0.10					0.30
T2-1m	8/26/15	1100	1.5 Flood		0.082.5	0.314.4	0.243.4	4.4122	0.165.0	5.1873	0.04	34.51	28.4	8.23	6.33	0.25
T2-1m	11/17/15	1013	1.8 Ebb		0.165.0	0.517.2	0.040.6	3.495	0.5115.7	6.1686	0.08	33.96	27.4	8.22	6.33	0.15
T2-1m	3/1/16	1017	0.6 Ebb		0.154.5	0.263.6	0.294.1	0.410	0.4714.5	5.4076	0.07	34.72	25.4	8.24	6.04	0.12
T2-1m	5/3/16	948	0.5 Flood		0.144.4	0.547.5	0.202.8	1.439	0.4313.3	5.5277	0.06	34.66	25.6	8.25	6.43	0.18
Geomean	FY '16				0.134.0	0.395.4	0.22.2		0.411.1	5.678	0.06					0.17
T2-10m	8/26/15	1107	1.5 Flood		0.134.1	0.415.7	0.212.9	5.3148	0.3611	5.5678	0.03	34.45	28.4	8.22	6.03	0.42
T2-10m	11/17/15	1018	1.8 Ebb		0.165.1	0.578.0	0.152.1	3.598	0.5015.4	6.3289	0.08	33.97	27.4	8.22	6.39	0.14
T2-10m	3/1/16	1021	0.6 Ebb		0.164.9	0.243.4	0.648.9	0.515	0.4513.8	4.4062	0.10	34.76	25.5	8.24	5.85	0.09
T2-10m	5/3/16	953	0.5 Flood		0.154.8	0.496.9	0.192.6	1.130	0.4313.2	6.3489	0.09	34.68	25.6	8.24	6.34	0.18
Geomean	FY '16				0.154.7	0.415.7	0.253.4		0.4313.3	5.678	0.07					0.18
T2-50m	8/26/15	1113	1.5 Flood		0.154.5	0.294.1	0.192.7	5.5155	0.4012.4	4.6365	0.02	34.48	28.4	8.22	5.99	0.35
T2-50m	11/17/15	1026	1.8 Ebb		0.175.2	0.527.3	0.709.8	6.5184	0.5015.6	5.6579	0.06	33.98	27.4	8.24	6.26	0.13
T2-50m	3/1/16	1029	0.6 Ebb		0.175.2	0.263.7	0.405.6	0.925	0.4614.2	5.1172	0.10	34.78	25.5	8.25	5.89	0.10
T2-50m	5/3/16	958	0.5 Flood		0.154.8	0.628.7	0.263.6	2.365	0.247.3	5.8382	0.06	34.67	25.6	8.24	6.35	0.20
Geomean	FY '16				0.164.9	0.405.6	0.344.8		0.3811.9	5.374	0.05					0.17
T2-100m	8/26/15	1119	1.5 Flood		0.123.8	0.212.9	0.162.2	4.1115	0.3711.5	4.6765	0.04	34.45	28.5	8.22	6.02	0.47
T2-100m	11/17/15	1031	1.8 Ebb		0.164.9	0.466.4	0.101.4	3.9110	0.5015.5	4.9770	0.07	33.97	27.4	8.23	6.23	0.12
T2-100m	3/1/16	1035	0.6 Ebb		0.154.7	0.202.8	0.425.9	0.720	0.4814.8	4.6165	0.08	34.78	25.4	8.25	5.84	0.15
T2-100m	5/3/16	1004	0.5 Flood		0.103.2	0.162.3	0.050.7	0.27	0.3811.7	4.2159	0.07	34.69	25.6	8.24	6.28	0.22
Geomean	FY '16				0.134.1	0.243.3	0.131.9		0.4313.3	4.665	0.06					0.21
T2-500m	8/26/15	1127	1.5 Flood		0.133.9	0.010.1	0.182.5	1.028	0.237.2	4.7567	0.02	34.56	28.7	8.23	6.01	0.08
T2-500m	11/17/15	1040	1.8 Ebb		0.134.0	0.446.2	0.141.9	2.982	0.5316.3	7.25102	0.10	34.00	27.4	8.23	6.21	0.15
T2-500m	3/1/16	1042	0.6 Ebb		0.144.4	0.202.8	0.283.9	0.12	0.4614.1	4.0557	0.08	34.76	25.5	8.24	5.70	0.08
T2-500m	5/3/16	1011	0.5 Flood		0.103.1	0.141.9	0.060.9	0.01	0.288.7	4.5564	0.06	34.69	25.7	8.24	6.36	0.26
Geomean	FY '16				0.123.8	0.101.3	0.142.0		0.3511.0	5.070	0.06					0.13

NELHA Water Quality Laboratory
Transect 2
 July 2015 - June 2016

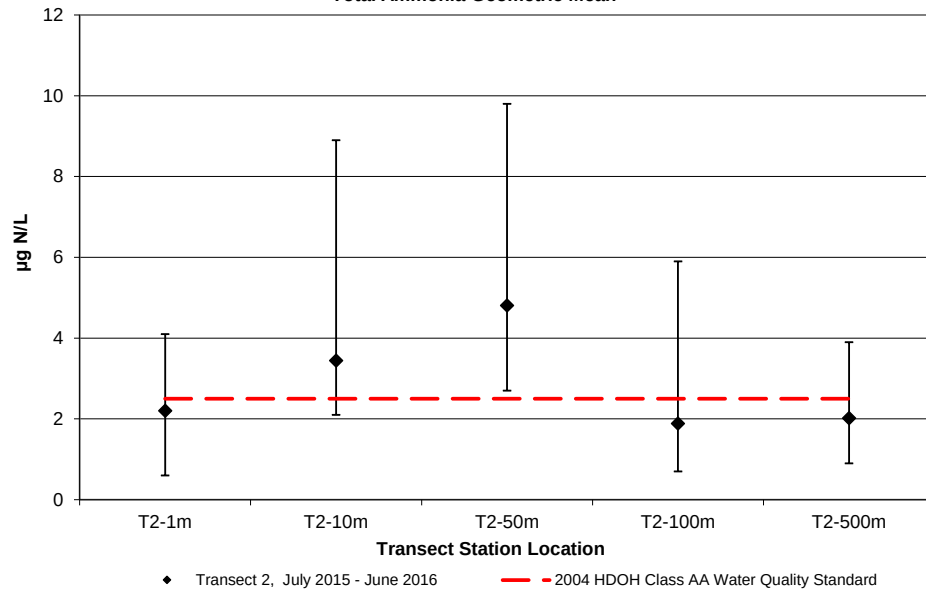


NELHA Water Quality Laboratory

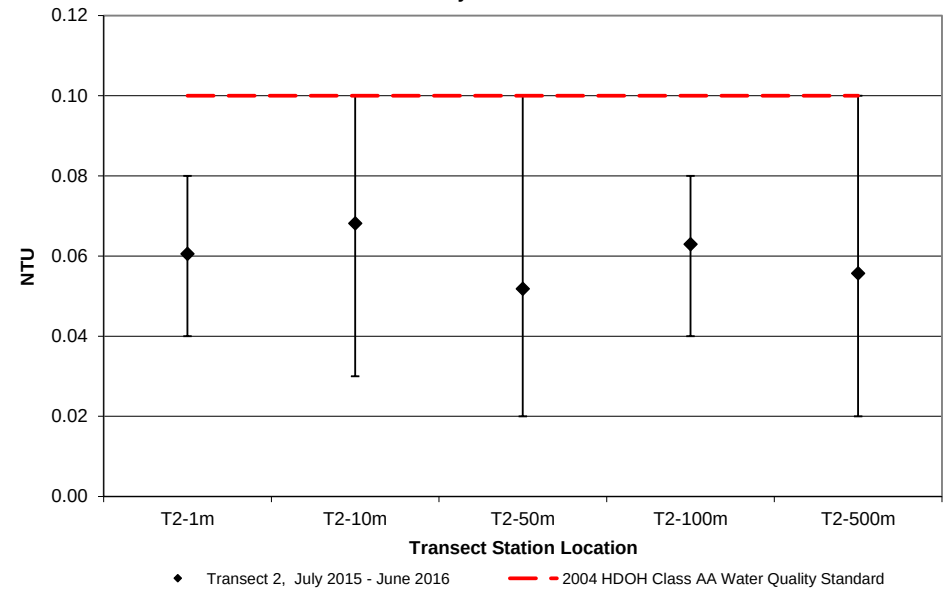
Transect 2

July 2015 - June 2016

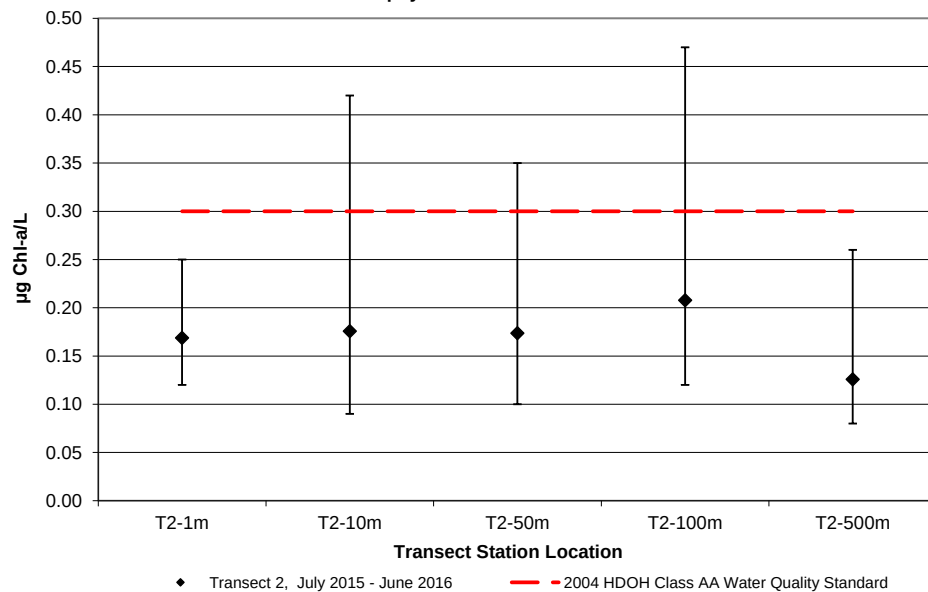
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 2

July 2014 - June 2015

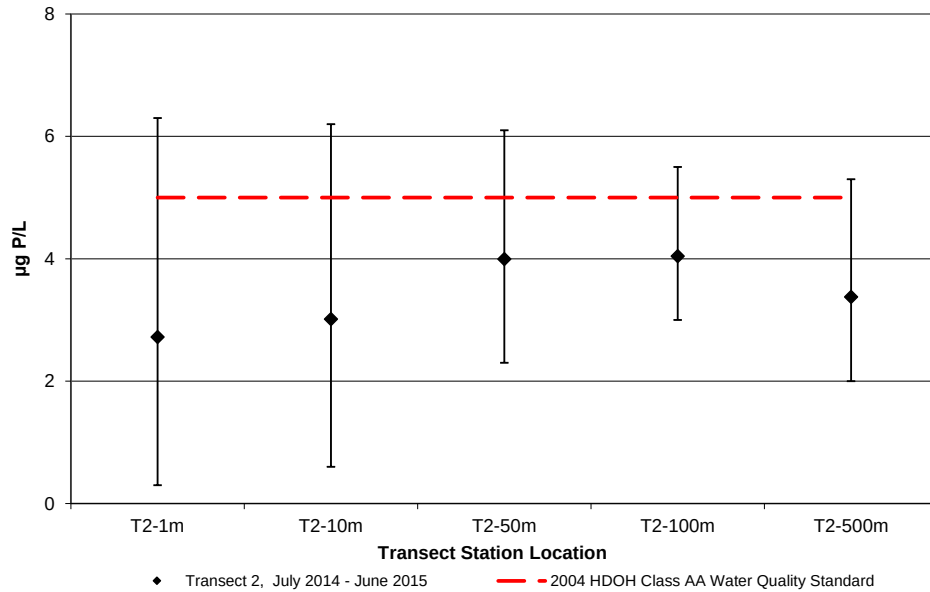
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)		PO ₄ ³⁻ (μM) (μg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)		NH ₄ ⁺ & NH ₃ (μM) (μg N/L)		Si (μM) (μg Si/L)		TDP (μM) (μg P/L)		TDN (μM) (μg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)	
DOH LIMIT					0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10						0.30
T2-1m	8/5/14	1007	1.6 Flood		0.20	6.3	0.41	5.8	0.51	7.2	2.1	59	0.50	15.4	6.50	91	0.13	34.94	26.8	8.22	5.99	0.11	
T2-1m	11/17/14	1144	1.4 Flood		0.20	6.3	0.44	6.2	0.53	7.4	0.9	25	0.48	14.9	8.03	113	0.10	34.96	27.1	8.21	7.22	0.15	
T2-1m	3/3/15	1002	0.0 Low		0.01	0.3	0.49	6.9	0.10	1.4	1.8	50	0.03	1.0	7.05	99	0.09	34.83	25.5	8.16	7.05	0.15	
T2-1m	6/16/15	1115	0.2 Flood		0.15	4.6	1.14	16.0	0.32	4.5	3.9	110	0.50	15.4	6.93	97	0.08	34.18	26.5	8.21	6.35	0.2	
Geomean	FY '15				0.09	2.7	0.57	7.9	0.3	4.3			0.2	7.7	7.1	99	0.10						0.15
T2-10m	8/5/14	1010	1.6 Flood		0.20	6.2	0.41	5.8	0.43	6.0	2.2	61	0.50	15.6	6.09	85	0.09	34.96	26.8	8.22	6.04	0.15	
T2-10m	11/17/14	1147	1.4 Flood		0.18	5.7	0.43	6.0	0.32	4.5	1.0	29	0.45	14.0	7.00	98	0.09	34.97	27.1	8.22	7.28	0.16	
T2-10m	3/3/15	1007	0.0 Low		0.02	0.6	0.30	4.2	0.07	1.0	2.1	60	0.25	7.8	7.16	100	0.09	34.84	25.5	8.16	6.83	0.14	
T2-10m	6/16/15	1121	0.2 Flood		0.13	3.9	0.71	9.9	0.31	4.3	3.0	84	0.44	13.7	5.78	81	0.08	34.22	26.6	8.23	6.23	0.19	
Geomean	FY '15				0.10	3.0	0.44	6.2	0.23	3.3			0.40	12.4	6.5	91	0.09						0.16
T2-50m	8/5/14	1017	1.6 Flood		0.20	6.1	0.26	3.6	0.36	5.0	2.1	60	0.48	15.0	6.79	95	0.07	34.95	26.9	8.22	6.02	0.17	
T2-50m	11/17/14	1152	1.4 Flood		0.16	4.9	0.11	1.6	0.38	5.3	0.3	8	0.71	22.0	5.96	84	0.10	35.00	27.1	8.21	6.83	0.22	
T2-50m	3/3/15	1014	0.0 Low		0.07	2.3	0.39	5.5	0.14	1.9	3.3	93	0.30	9.2	6.88	96	0.08	34.81	25.5	8.17	6.81	0.14	
T2-50m	6/16/15	1126	0.2 Flood		0.12	3.7	0.53	7.4	0.24	3.3	2.4	68	0.42	13.0	5.10	72	0.07	34.26	26.5	8.20	6.10	0.15	
Geomean	FY '15				0.13	4.0	0.28	3.9	0.26	3.6			0.46	14.1	6.1	86	0.08						0.17
T2-100m	8/5/14	1021	1.6 Flood		0.18	5.5	0.26	3.7	0.41	5.7	2.3	66	0.52	16.2	5.80	81	0.09	34.94	26.8	8.22	5.98	0.15	
T2-100m	11/17/14	1156	1.4 Flood		0.16	4.9	0.09	1.3	0.24	3.3	0.2	5	0.48	14.9	5.52	77	0.08	34.94	27.1	8.21	6.77	0.22	
T2-100m	3/3/15	1022	0.0 Low		0.10	3.0	0.25	3.5	0.13	1.8	2.3	66	0.33	10.3	7.41	104	0.08	34.84	25.6	8.17	6.79	0.14	
T2-100m	6/16/15	1134	0.3 Flood		0.11	3.3	0.55	7.7	0.23	3.2	3.8	106	0.43	13.3	4.93	69	0.06	34.26	26.5	8.19	6.03	0.19	
Geomean	FY '15				0.13	4.0	0.24	3.4	0.23	3.2			0.44	13.5	5.8	82	0.08						0.17
T2-500m	8/5/14	1025	1.6 Flood		0.17	5.3	0.06	0.9	0.26	3.6	1.3	36	0.48	15.0	4.74	66	0.10	34.96	26.6	8.22	5.97	0.10	
T2-500m	11/17/14	1201	1.4 Flood		0.16	4.9	0.05	0.7	0.23	3.2	0.1	2	0.46	14.4	6.18	87	0.11	34.96	27.1	8.22	6.66	0.22	
T2-500m	3/3/15	1030	0.0 Low		0.06	2.0	0.10	1.4	0.09	1.3	0.9	27	0.17	5.4	7.03	99	0.07	34.85	25.6	8.18	6.95	0.14	
T2-500m	6/16/15	1145	0.3 Flood		0.08	2.5	0.26	3.7	0.29	4.1	1.9	55	0.45	13.9	5.07	71	0.04	34.30	26.5	8.2	5.93	0.21	
Geomean	FY '15				0.11	3.4	0.10	1.3	0.20	2.8			0.36	11.3	5.7	80	0.07						0.16

NELHA Water Quality Laboratory

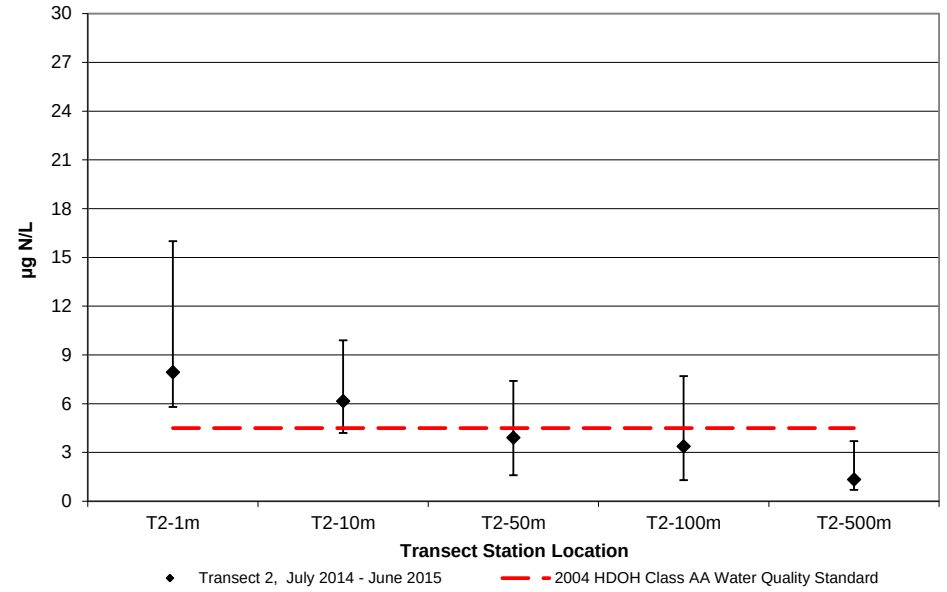
Transect 2

July 2014 - June 2015

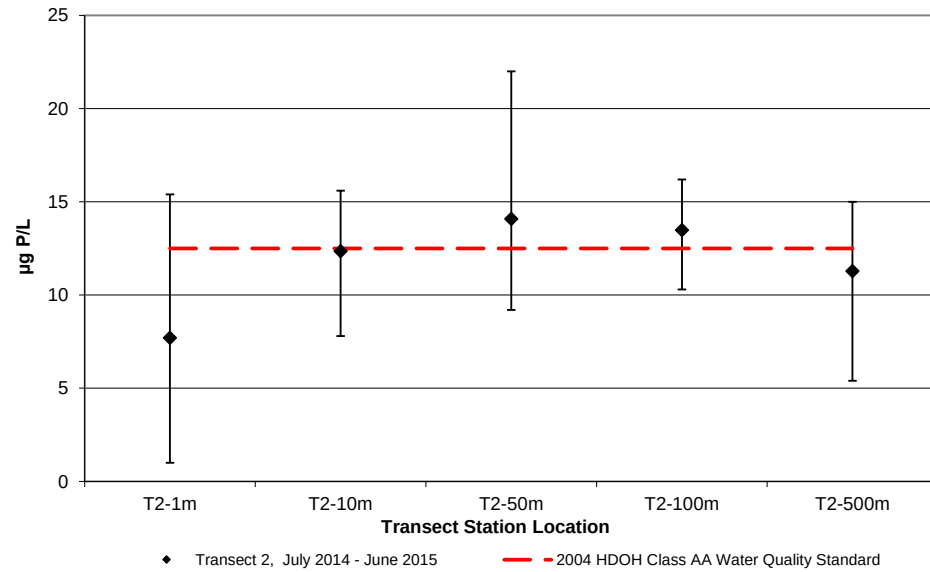
Transect 2 Station Summary
Ortho-Phosphate Geometric Mean



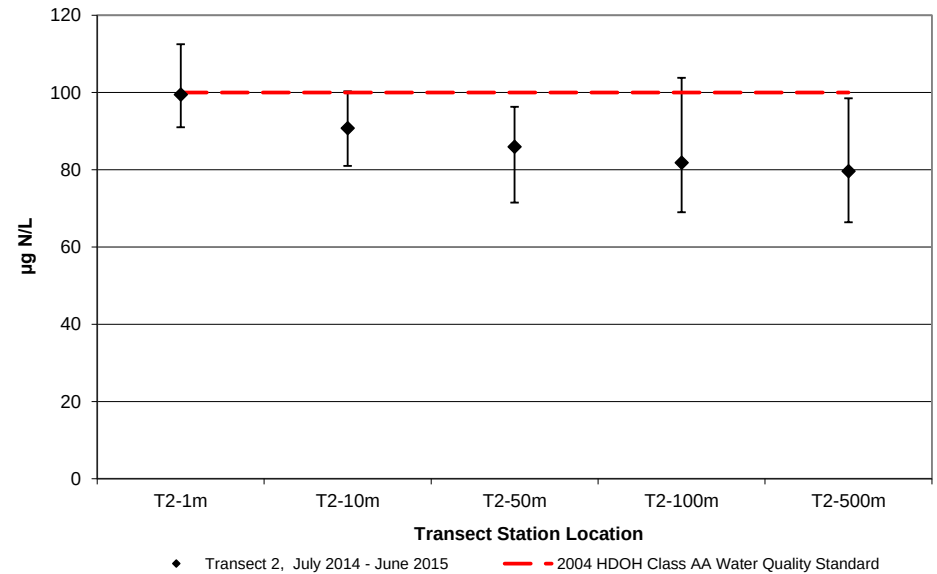
Transect 2 Station Summary
Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary
Total Dissolved Nitrogen Geometric Mean

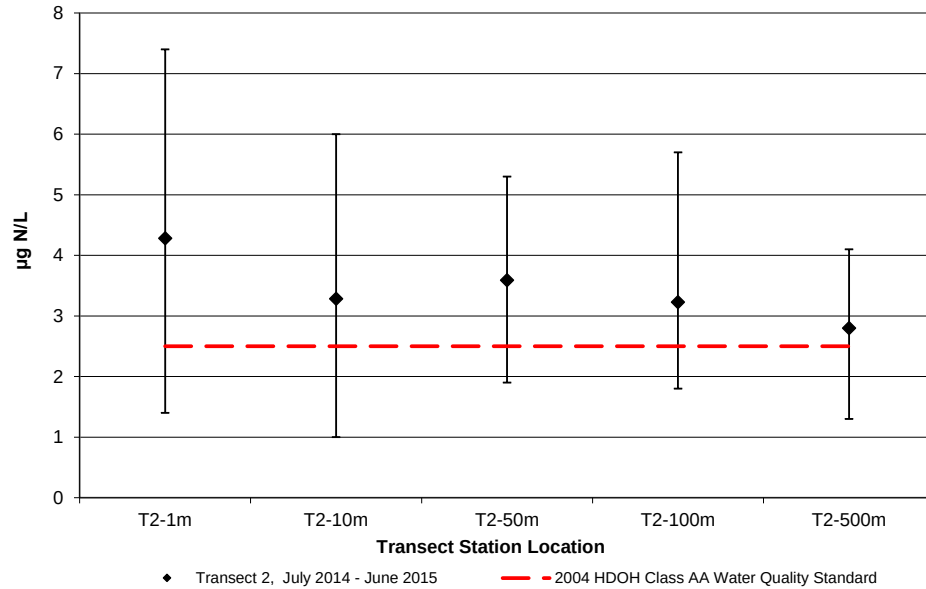


NELHA Water Quality Laboratory

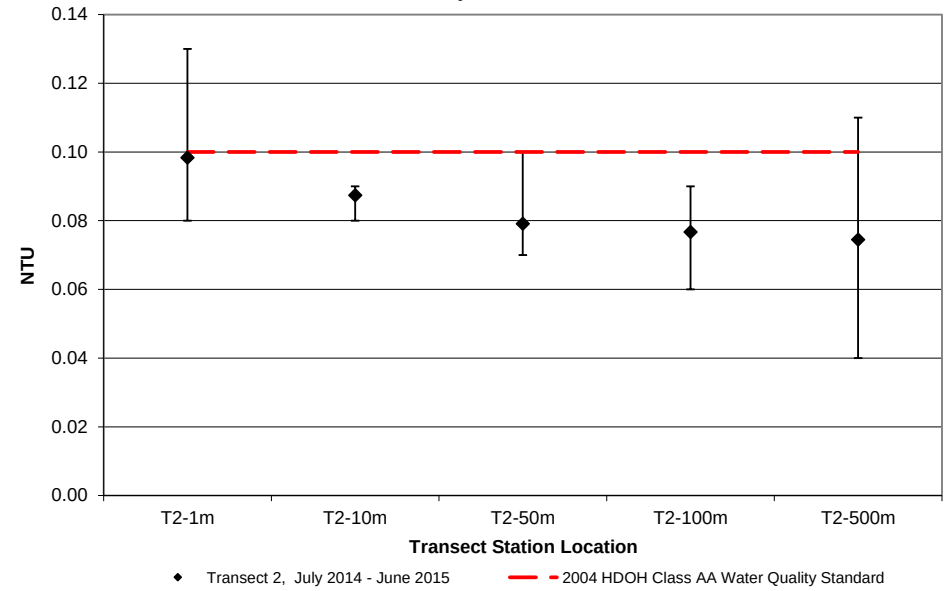
Transect 2

July 2014 - June 2015

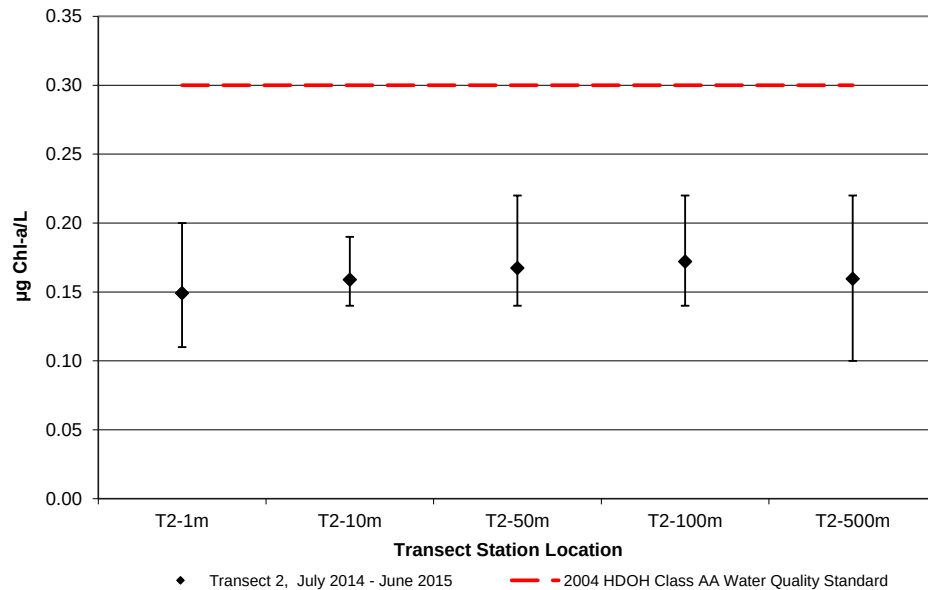
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

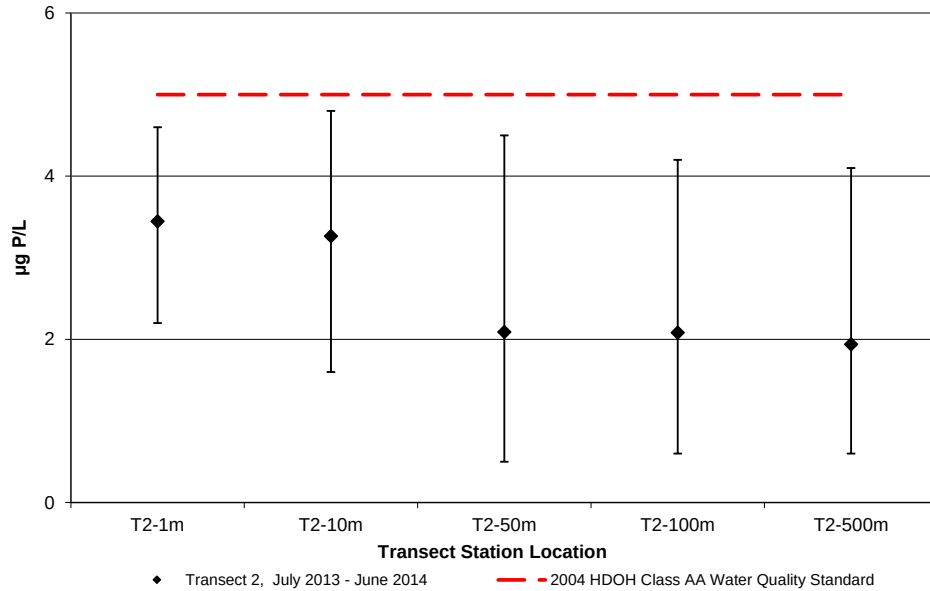
Transect 2

July 2013 - June 2014

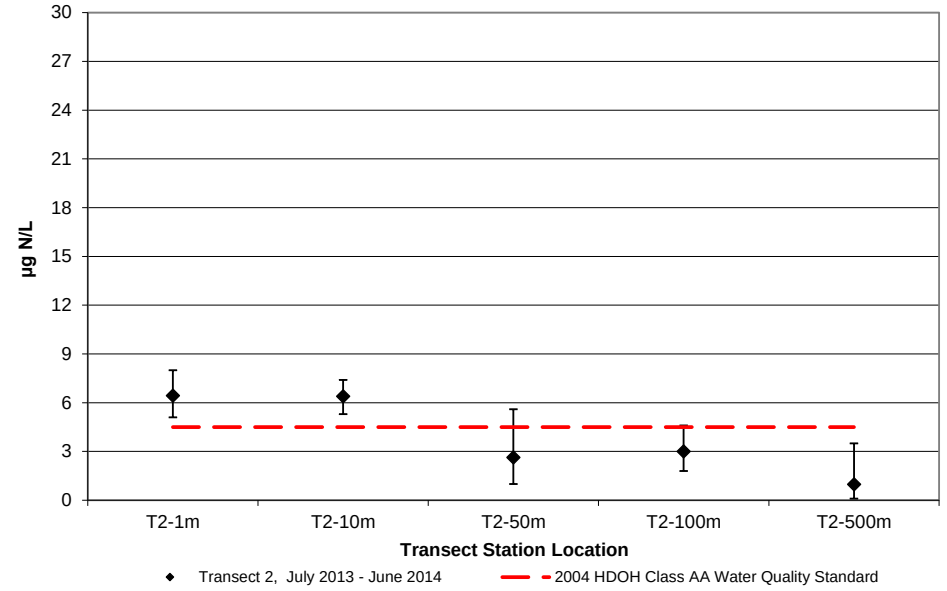
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10				0.30		
T2-1m	8/1/13	921	0.9 Flood	0.07	2.2	0.36	5.1	0.09	1.3	3.8	106	0.51	15.8	9.12	128	0.06	35.22	26.1	8.24	6.95	0.19
T2-1m	10/29/13	954	1.1 Flood	0.15	4.6	0.57	8.0	0.26	3.7	2.6	74	0.45	13.8	6.54	92	0.05	35.27	27.0	8.20	6.50	0.26
T2-1m	2/4/14	959	1.0 Ebb	0.11	3.4	0.39	5.4	0.45	6.3	5.8	162	0.42	12.9	6.49	91	0.02	34.94	25.2	8.22	6.53	0.2
T2-1m	5/6/14	1000	0.7 High	0.13	4.1	0.56	7.8	0.74	10.3	2.9	83	0.46	14.4	6.68	94	0.06	34.77	25.9	8.22	6.29	0.16
Geomean	FY '14			0.11	3.4	0.46	6.4	0.3	4.2			0.5	14.2	7.1	100	0.04					0.20
T2-10m	8/1/13	924	1.0 Flood	0.05	1.6	0.44	6.1	0.01	0.2	3.5	99	0.51	15.9	6.62	93	0.06	35.22	26.1	8.25	6.9	0.19
T2-10m	10/29/13	957	1.1 Flood	0.15	4.8	0.53	7.4	0.31	4.4	2.6	72	0.45	14	6.53	91	0.02	35.27	27.0	8.20	6.53	0.19
T2-10m	2/4/14	1002	1.0 Ebb	0.13	3.9	0.38	5.3	0.65	9.1	2.5	70	0.39	12.2	7.13	100	0.02	34.94	25.2	8.21	6.37	0.18
T2-10m	5/6/14	1005	0.7 High	0.12	3.8	0.50	7.0	0.32	4.5	3.0	84	0.41	12.6	7.77	109	0.03	34.78	25.9	8.23	6.29	0.15
Geomean	FY '14			0.11	3.3	0.46	6.4	0.16	2.3			0.44	13.6	7.0	98	0.03					0.18
T2-50m	8/1/13	928	1.0 Flood	0.02	0.5	0.07	1.0	0.01	0.1	4.0	114	0.46	14.2	6.94	97	0.20	35.23	26.2	8.25	6.69	0.14
T2-50m	10/29/13	1001	1.2 Flood	0.15	4.5	0.39	5.4	0.27	3.8	2.8	78	0.50	15.4	6.77	95	0.03	35.29	27.0	8.23	6.44	0.20
T2-50m	2/4/14	1007	1.0 Ebb	0.11	3.4	0.40	5.6	0.50	7.0	2.5	69	0.40	12.3	6.78	95	0.02	34.95	25.2	8.21	6.42	0.09
T2-50m	5/6/14	1010	0.7 High	0.08	2.5	0.11	1.6	0.18	2.5	2.4	68	0.45	13.8	7.37	103	0.02	34.80	26.0	8.21	6.09	0.06
Geomean	FY '14			0.07	2.1	0.19	2.6	0.11	1.6			0.45	13.9	7.0	97	0.04					0.11
T2-100m	8/1/13	935	1.0 Flood	0.02	0.6	0.19	2.7	0.03	0.4	5.2	147	0.67	20.7	6.20	87	0.18	35.18	26.1	8.25	6.67	0.13
T2-100m	10/29/13	1005	1.2 Flood	0.14	4.2	0.26	3.7	0.49	6.9	2.3	65	0.46	14.3	5.91	83	0.08	35.30	27.0	8.21	6.25	0.17
T2-100m	2/4/14	1014	1.0 Ebb	0.10	3.1	0.33	4.6	0.54	7.6	2.4	67	0.41	12.6	5.90	83	0.02	34.94	25.2	8.21	6.38	0.16
T2-100m	5/6/14	1015	0.7 High	0.08	2.4	0.13	1.8	0.22	3.1	2.4	66	0.41	12.8	5.56	78	0.05	34.81	26.0	8.21	6.08	0.15
Geomean	FY '14			0.07	2.1	0.21	3.0	0.20	2.8			0.48	14.8	5.9	82	0.06					0.15
T2-500m	8/1/13	943	1.1 Flood	0.02	0.6	0.11	1.6	0.01	0.2	5.3	149	0.42	13.0	3.92	55	0.06	35.18	26.2	8.25	6.66	0.12
T2-500m	10/29/13	1010	1.2 Flood	0.13	4.1	0.25	3.5	1.39	19.4	2.9	80	0.47	14.7	6.68	94	0.03	35.27	27.0	8.20	6.32	0.23
T2-500m	2/4/14	1020	0.9 Ebb	0.08	2.5	0.12	1.7	0.58	8.1	2.0	56	0.37	11.6	4.27	60	0.02	34.99	25.2	8.20	6.29	0.17
T2-500m	5/6/14	1023	0.7 High	0.07	2.3	0.01	0.1	0.26	3.6	1.6	45	0.42	12.9	5.28	74	0.06	34.83	26.1	8.22	5.98	0.15
Geomean	FY '14			0.06	1.9	0.07	1.0	0.22	3.0			0.42	13.0	4.9	69	0.04					0.16

NELHA Water Quality Laboratory
Transect 2
 July 2013 - June 2014

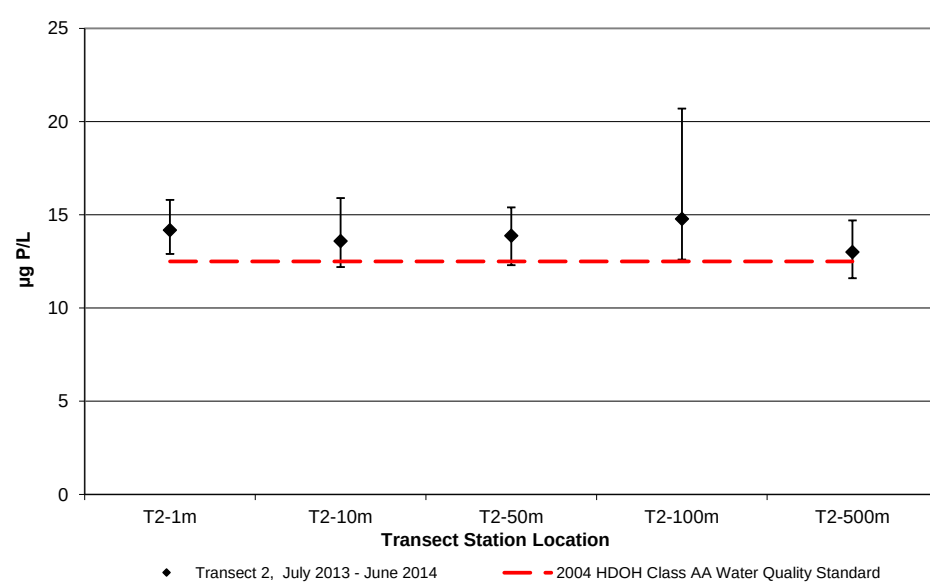
Transect 2 Station Summary
 Ortho-Phosphate Geometric Mean



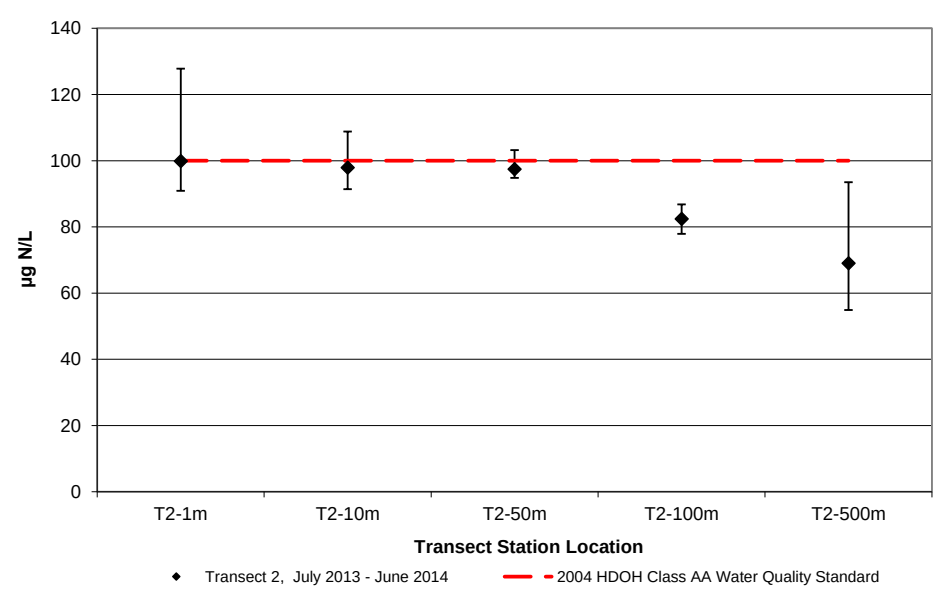
Transect 2 Station Summary
 Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
 Total Dissolved Phosphorous Geometric Mean

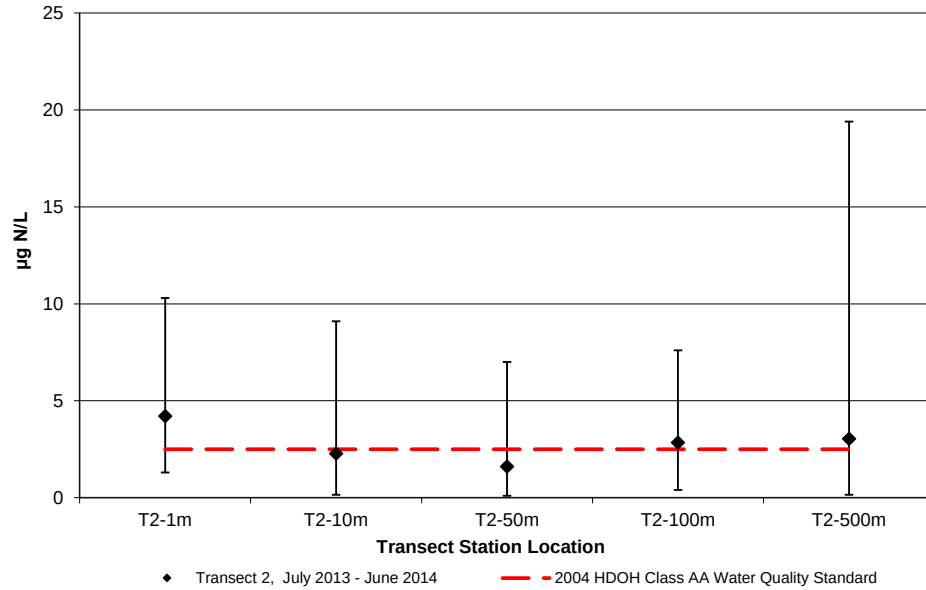


Transect 2 Station Summary
 Total Dissolved Nitrogen Geometric Mean

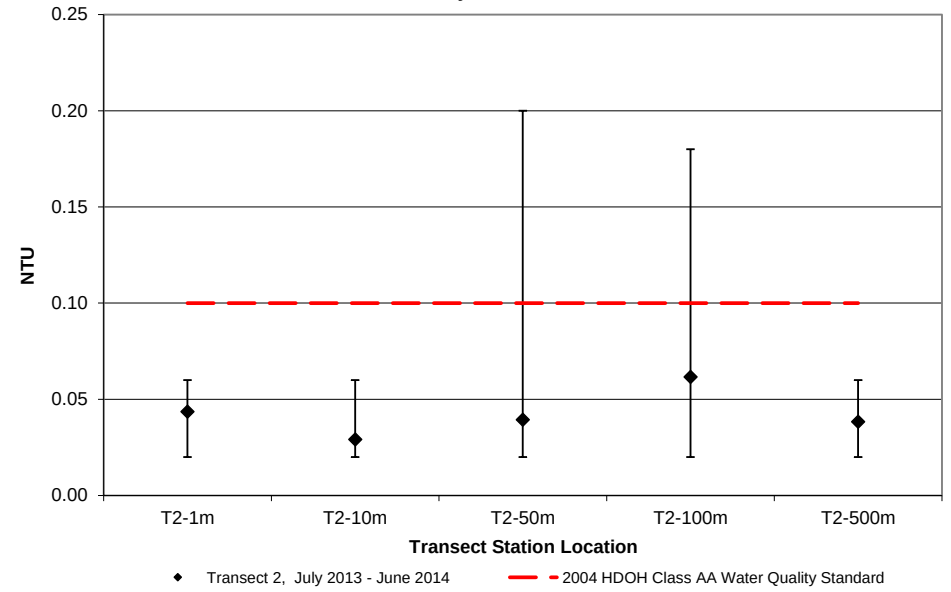


NELHA Water Quality Laboratory
Transect 2
July 2013 - June 2014

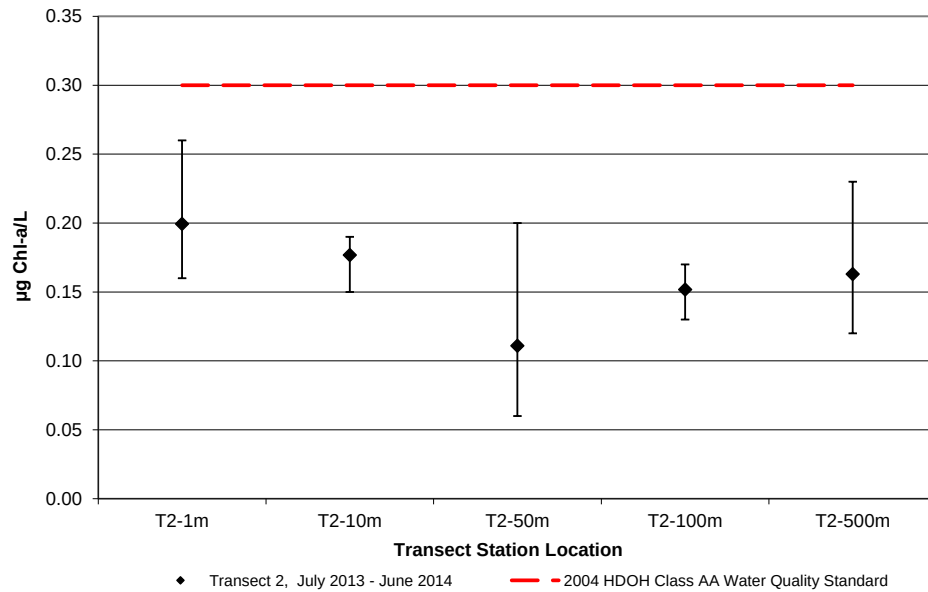
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

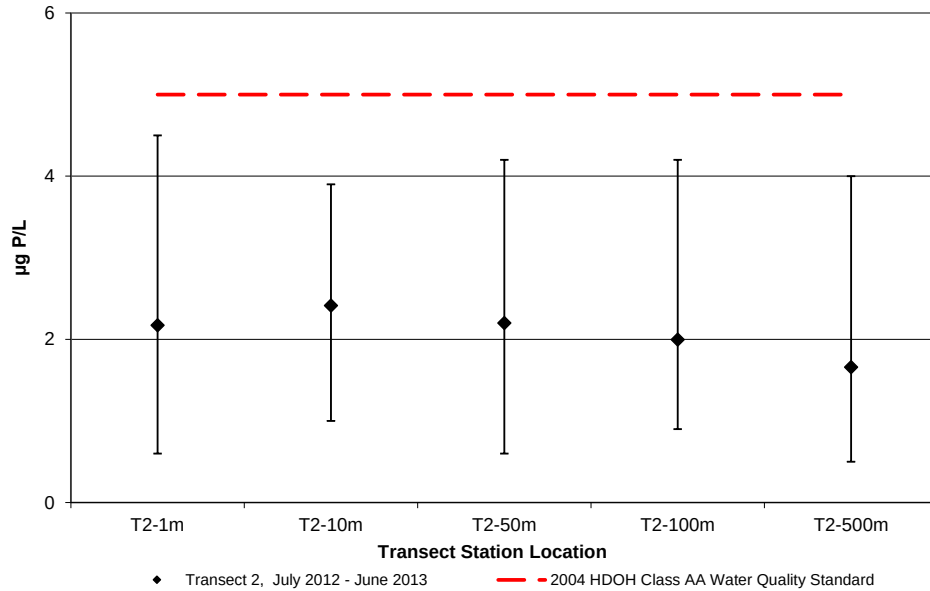
Transect 2

July 2012 - June 2013

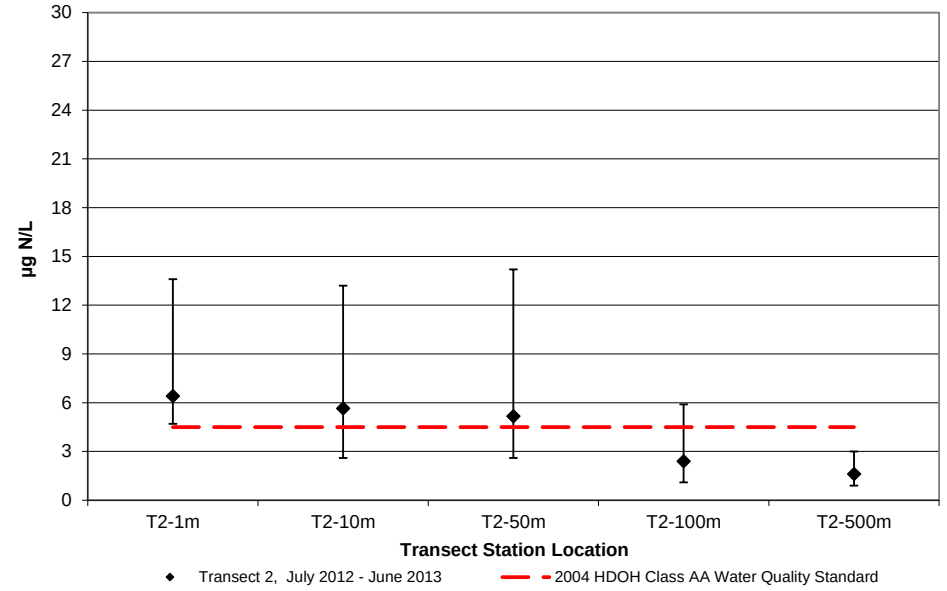
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ⁻ (µM) (µg P/L)		NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)		NH ₄ ⁺ & NH ₃ (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (PSU)	Temp. (°C)	pH (unit)	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T2-1m	7/24/12	1010	1.4 Ebb	0.02	0.6	0.36	5.0	0.27	3.8	2.3	64	0.39	12.2	6.78	95	0.12	35.07	26.3	8.23	6.83	0.12
T2-1m	11/27/12	959	0.5 Ebb	0.11	3.3	0.97	13.6	0.40	5.6	7.2	203	0.48	14.9	6.05	85	0.06	35.05	25.1	8.21	6.89	0.35
T2-1m	1/23/13	1005	0.3 Low	0.08	2.5	0.38	5.3	0.26	3.6	1.9	54	0.49	15.1	7.30	102	0.09	35.12	24.7	8.21	6.52	0.16
T2-1m	4/16/13	1013	0.4 Ebb	0.15	4.5	0.34	4.7	0.11	1.6	0.9	26	0.50	15.4	6.33	89	0.07	35.14	24.9	8.22	6.95	0.06
Geomean	FY '13			0.07	2.2	0.46	6.4	0.2	3.3			0.5	14.3	6.6	92	0.08					0.14
T2-10m	7/24/12	1014	1.4 Ebb	0.03	1.0	0.39	5.5	0.29	4.0	1.9	54	0.34	10.6	6.48	91	0.14	35.07	26.3	8.21	6.81	0.11
T2-10m	11/27/12	1002	0.5 Ebb	0.10	3.0	0.94	13.2	0.29	4.0	6.7	188	0.47	14.6	7.88	110	0.04	35.07	25.1	8.21	6.91	0.25
T2-10m	1/23/13	1010	0.3 Low	0.09	2.9	0.39	5.4	0.24	3.3	1.8	50	0.40	12.5	5.88	82	0.02	35.12	24.7	8.21	6.53	0.15
T2-10m	4/16/13	1018	0.4 Ebb	0.13	3.9	0.19	2.6	0.09	1.3	0.3	9	0.48	15.0	6.91	97	0.05	35.15	25.0	8.22	6.90	0.04
Geomean	FY '13			0.08	2.4	0.40	5.7	0.21	2.9			0.42	13.1	6.7	95	0.05					0.11
T2-50m	7/24/12	1020	1.3 Ebb	0.02	0.6	0.26	3.6	0.16	2.2	2.0	57	0.41	12.6	5.49	77	0.09	35.06	26.3	8.23	6.64	0.14
T2-50m	11/27/12	1006	0.5 Ebb	0.10	3.1	1.01	14.2	0.25	3.5	7.4	207	0.41	12.6	6.18	87	0.03	35.00	25.0	8.21	6.90	0.11
T2-50m	1/23/13	1014	0.3 Low	0.10	3.0	0.39	5.4	0.25	3.5	1.9	54	0.49	15.1	7.40	104	0.05	35.11	24.6	8.22	6.46	0.14
T2-50m	4/16/13	1022	0.4 Ebb	0.14	4.2	0.19	2.6	0.18	2.5	0.4	11	0.47	14.5	5.81	81	0.03	35.10	24.9	8.23	6.90	0.05
Geomean	FY '13			0.07	2.2	0.37	5.2	0.20	2.9			0.44	13.7	6.2	87	0.04					0.10
T2-100m	7/24/12	1025	1.3 Ebb	0.03	0.9	0.28	3.9	0.19	2.6	2.1	58	0.35	10.8	4.72	66	0.05	35.06	26.3	8.24	6.61	0.14
T2-100m	11/27/12	1011	0.4 Ebb	0.07	2.1	0.42	5.9	0.10	1.4	3.8	106	0.45	13.8	5.06	71	0.03	35.18	25.1	8.20	6.83	0.15
T2-100m	1/23/13	1019	0.3 Low	0.06	2.0	0.09	1.3	0.14	1.9	1.2	34	0.45	13.8	5.78	81	0.05	35.12	24.7	8.22	6.30	0.06
T2-100m	4/16/13	1027	0.4 Ebb	0.14	4.2	0.08	1.1	0.18	2.5	0.0	1	0.47	14.5	4.85	68	0.03	35.15	24.9	8.22	6.79	0.05
Geomean	FY '13			0.06	2.0	0.17	2.4	0.15	2.0			0.42	13.1	5.1	71	0.04					0.09
T2-500m	7/24/12	1032	1.3 Ebb	0.02	0.5	0.21	3.0	0.25	3.5	1.7	49	0.34	10.4	4.88	68	0.09	35.06	26.5	8.25	6.76	0.14
T2-500m	11/27/12	1018	0.4 Low	0.06	2.0	0.13	1.8	0.24	3.4	2.3	64	0.56	17.4	5.73	80	0.05	35.21	25.1	8.20	6.88	0.10
T2-500m	1/23/13	1027	0.4 Flood	0.06	1.9	0.06	0.9	0.21	2.9	1.3	36	0.38	11.8	5.09	71	0.02	35.12	24.7	8.22	6.34	0.18
T2-500m	4/16/13	1034	0.4 Ebb	0.13	4.0	0.10	1.4	0.22	3.1	0.6	18	0.46	14.3	6.25	88	0.07	35.13	24.9	8.21	6.75	0.06
Geomean	FY '13			0.05	1.7	0.12	1.6	0.23	3.2			0.43	13.2	5.5	77	0.05					0.11

NELHA Water Quality Laboratory
Transect 2
 July 2012 - June 2013

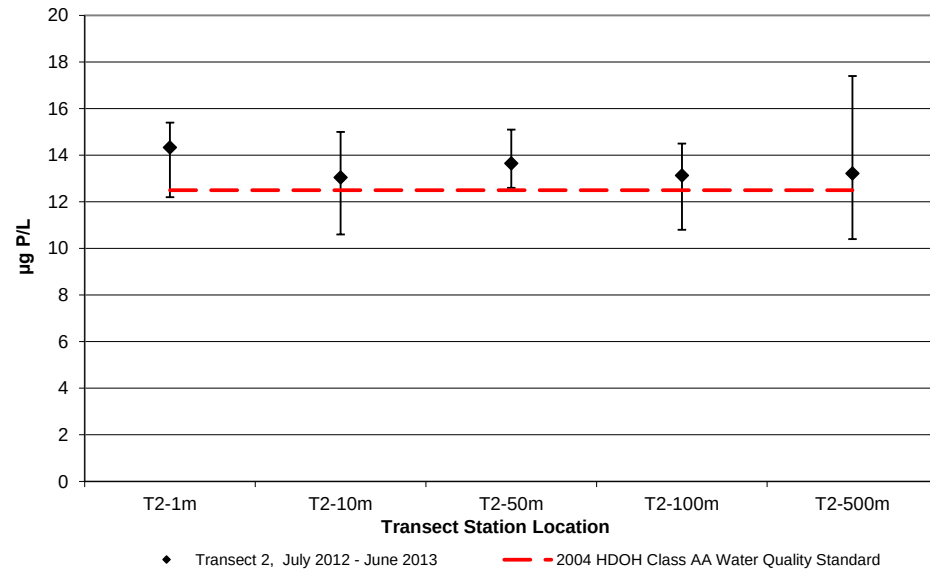
Transect 2 Station Summary
 Ortho-Phosphate Geometric Mean



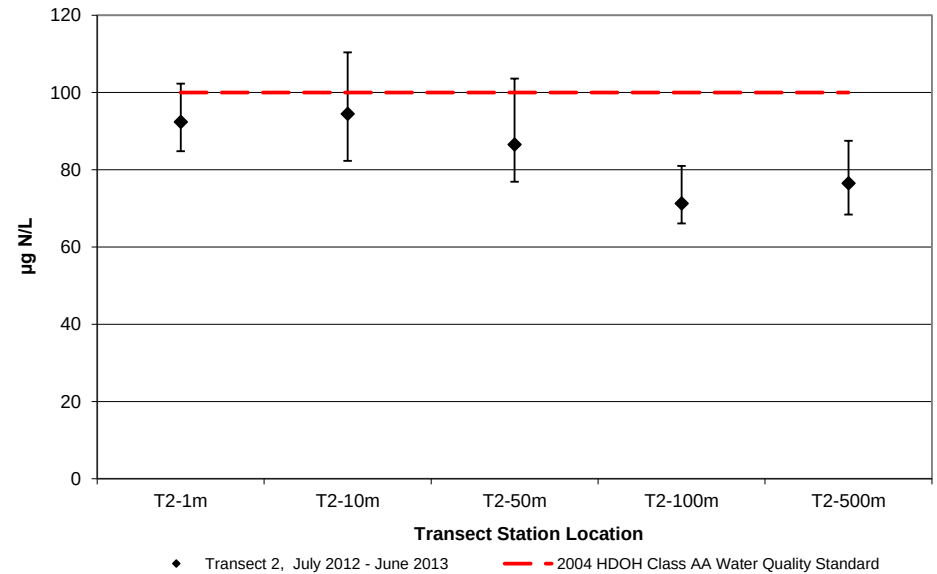
Transect 2 Station Summary
 Nitrate + Nitrite Geometric Mean



Transect 2 Station Summary
 Total Dissolved Phosphorous Geometric Mean



Transect 2 Station Summary
 Total Dissolved Nitrogen Geometric Mean

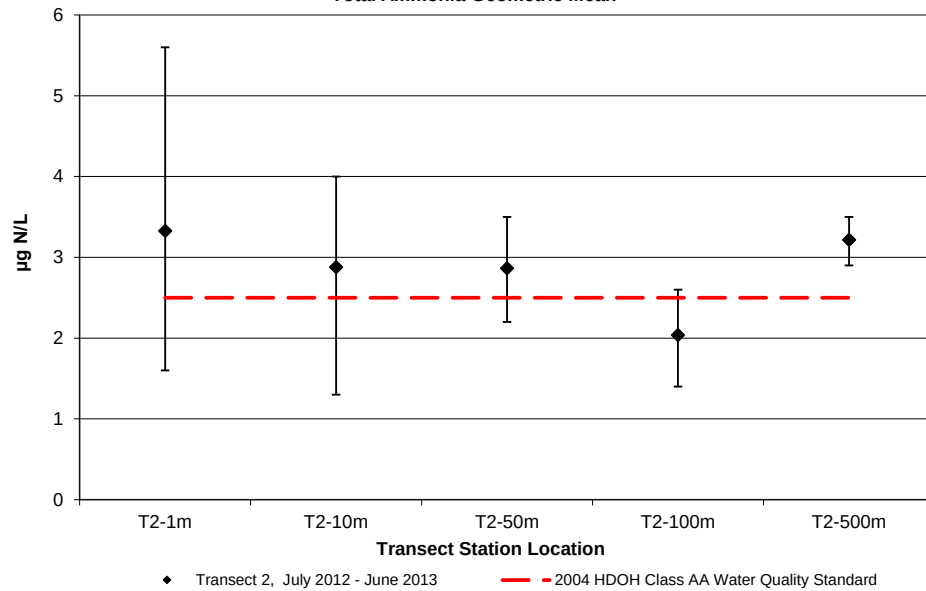


NELHA Water Quality Laboratory

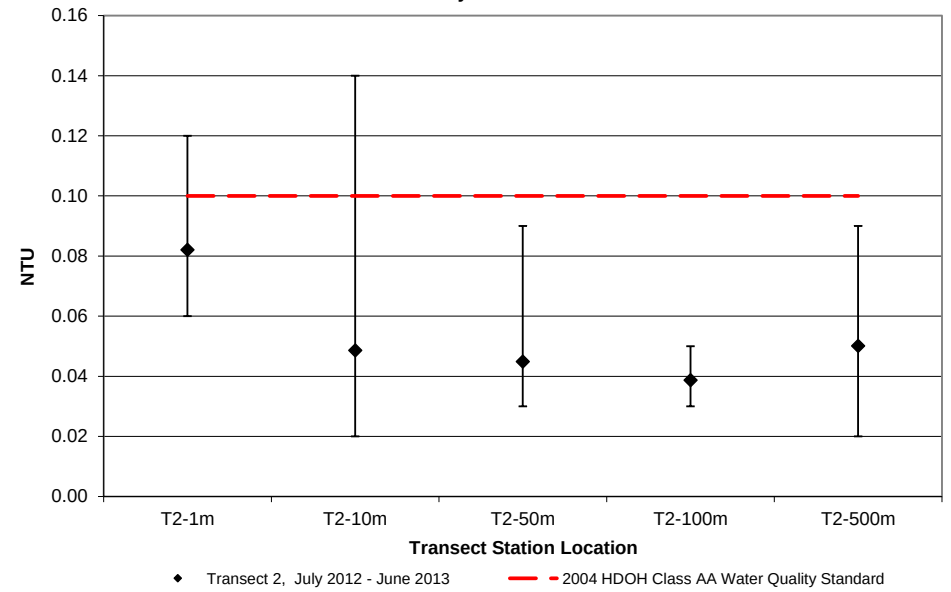
Transect 2

July 2012 - June 2013

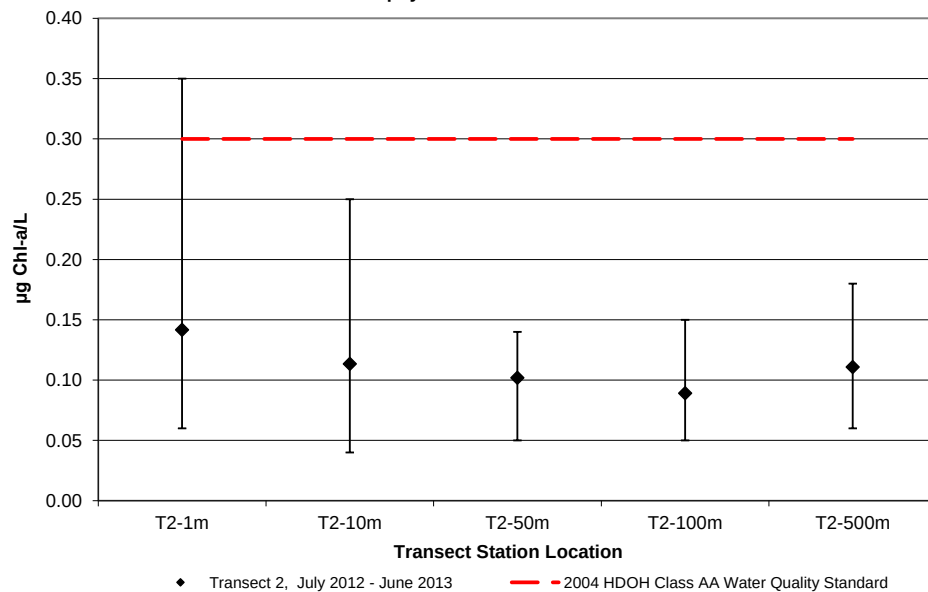
Transect 2 Station Summary
Total Ammonia Geometric Mean



Transect 2 Station Summary
Turbidity Geometric Mean



Transect 2 Station Summary
Chlorophyll-a Geometric Mean



NELHA Water Quality Laboratory

Transect 2

July 2011 - June 2012

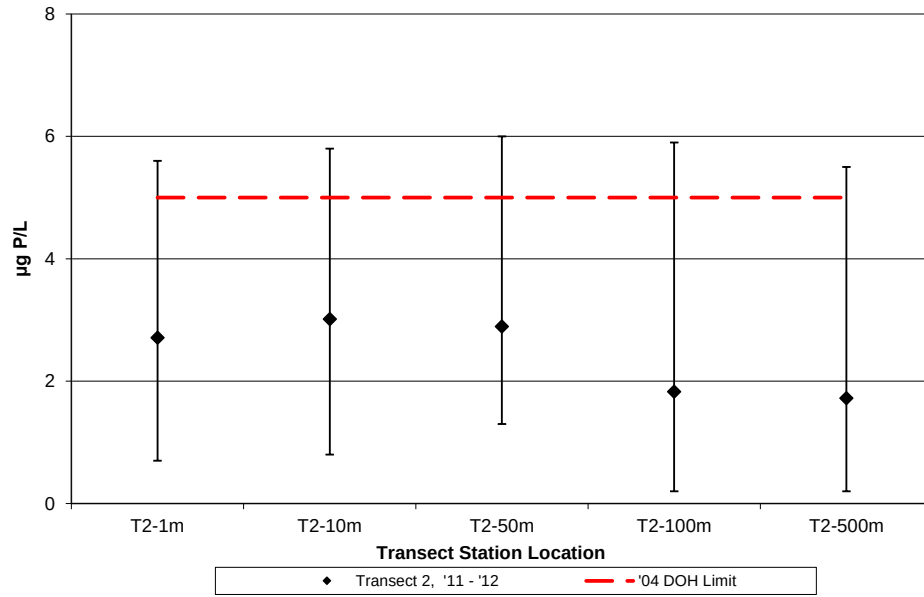
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO ₄ ³⁻ (μM) (μg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (μM) (μg N/L)	NH ₄ ⁺ & NH ₃ (μM) (μg N/L)	Si (μM) (μg Si/L)	TDP (μM) (μg P/L)	TDN (μM) (μg N/L)	Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (μg/L)						
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5		0.40	12.5	7.1	100	0.10					0.30	
T2-1m	7/26/11	1032	1.3 Flood	0.18	5.6	0.49	6.9	0.14	1.9	3.5	98	0.51	15.8	6.3	88	0.06	34.81	25.9	8.25	6.66	0.09
T2-1m	10/18/11	957	1.9 Ebb	0.02	0.7	0.29	4.0	0.29	4.1	3.1	88	0.31	9.5	6.4	89	0.09	35.06	26.6	8.22	6.93	0.12
T2-1m	1/25/12	1023	0.4 Ebb	0.10	3.0	0.39	5.4	0.17	2.4	4.3	121	0.45	14.0	7.6	106	0.08	34.98	24.7	8.20	6.96	0.10
T2-1m	4/24/12	1049	-0.1 Low	0.15	4.6	0.81	11.4	0.24	3.3	4.0	113	0.42	13.0	5.8	82	0.07	35.09	24.7	8.21	6.86	0.10
Geomean	FY '12			0.09	2.7	0.46	6.4	0.2	2.8			0.4	12.9	6.5	91	0.07					0.10
T2-10m	7/26/11	1037	1.3 Flood	0.19	5.8	0.34	4.8	0.14	1.9	1.5	41	0.47	14.6	5.7	80	0.08	34.81	25.9	8.26	6.77	0.11
T2-10m	10/18/11	1002	1.9 Ebb	0.03	0.8	0.31	4.3	0.36	5.0	2.1	58	0.29	9.1	5.9	82	0.07	35.06	26.6	8.22	7.01	0.13
T2-10m	1/25/12	1027	0.4 Ebb	0.11	3.3	0.38	5.3	0.19	2.6	3.4	96	0.41	12.8	7.1	100	0.07	34.98	24.7	8.20	6.95	0.08
T2-10m	4/24/12	1053	-0.1 Low	0.17	5.4	0.77	10.8	0.18	2.5	3.6	100	0.47	14.6	5.8	81	0.20	35.07	24.7	8.20	6.86	0.12
Geomean	FY '12			0.10	3.0	0.42	5.9	0.20	2.8			0.41	12.6	6.1	85	0.09					0.11
T2-50m	7/26/11	1044	1.3 Flood	0.19	6.0	0.42	5.9	0.15	2.1	3.0	84	0.48	15.0	6.2	87	0.04	34.79	26.0	8.26	6.68	0.09
T2-50m	10/18/11	1007	1.9 Ebb	0.04	1.3	0.25	3.5	0.26	3.7	2.3	66	0.32	9.9	4.9	68	0.05	35.05	26.6	8.21	6.79	0.10
T2-50m	1/25/12	1031	0.4 Ebb	0.06	2.0	0.02	0.3	0.02	0.3	1.4	41	0.37	11.6	5.1	71	0.07	35.03	24.7	8.20	6.73	0.13
T2-50m	4/24/12	1057	-0.1 Low	0.15	4.5	0.42	5.9	0.15	2.1	3.0	84	0.45	13.8	5.2	73	0.07	35.10	24.8	8.22	6.70	0.16
Geomean	FY '12			0.09	2.9	0.18	2.5	0.11	1.5			0.40	12.4	5.3	74	0.06					0.12
T2-100m	7/26/11	1050	1.3 Flood	0.19	5.9	0.36	5.0	0.14	1.9	2.3	64	0.47	14.7	4.1	57	0.06	34.79	26.0	8.25	6.52	0.11
T2-100m	10/18/11	1012	1.9 Ebb	0.01	0.2	0.03	0.4	0.21	3.0	1.4	41	0.29	9.0	3.9	55	0.06	35.06	26.6	8.22	6.84	0.13
T2-100m	1/25/12	1037	0.4 Ebb	0.07	2.2	0.06	0.9	0.08	1.1	2.4	67	0.38	11.8	4.4	62	0.06	34.04	24.6	8.20	6.71	0.03
T2-100m	4/24/12	1103	-0.1 Low	0.14	4.3	0.31	4.3	0.13	1.8	2.5	70	0.42	13.1	4.1	58	0.11	35.09	24.8	8.25	6.68	0.27
Geomean	FY '12			0.06	1.8	0.12	1.7	0.13	1.8			0.39	12.0	4.1	58	0.07					0.10
T2-500m	7/26/11	1103	1.4 Flood	0.18	5.5	0.03	0.4	0.04	0.5	0.5	15	0.46	14.3	3.38	47	0.10	34.86	26.2	8.26	6.44	0.28
T2-500m	10/18/11	1019	1.9 Ebb	0.01	0.2	0.04	0.6	0.12	1.7	2.2	62	0.30	9.4	4.59	64	0.08	35.05	26.6	8.23	6.79	0.10
T2-500m	1/25/12	1045	0.4 Ebb	0.06	2.0	0.04	0.5	0.04	0.5	1.8	52	0.37	11.6	3.88	54	0.05	35.04	24.8	8.21	6.72	0.09
T2-500m	4/24/12	1110	-0.1 Low	0.13	4.0	0.21	3.0	0.14	2.0	3.3	92	0.41	12.8	3.53	50	0.13	34.14	24.9	8.21	6.65	0.29
Geomean	FY '12			0.06	1.7	0.06	0.8	0.07	1.0			0.38	11.9	3.8	53	0.08					0.16

NELHA Water Quality Laboratory

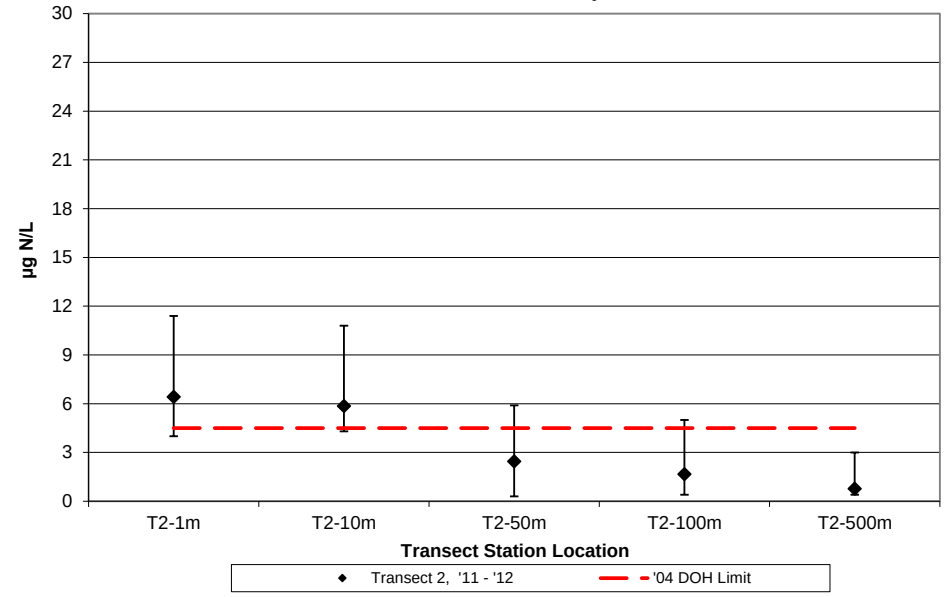
Transect 2

July 2011 - June 2012

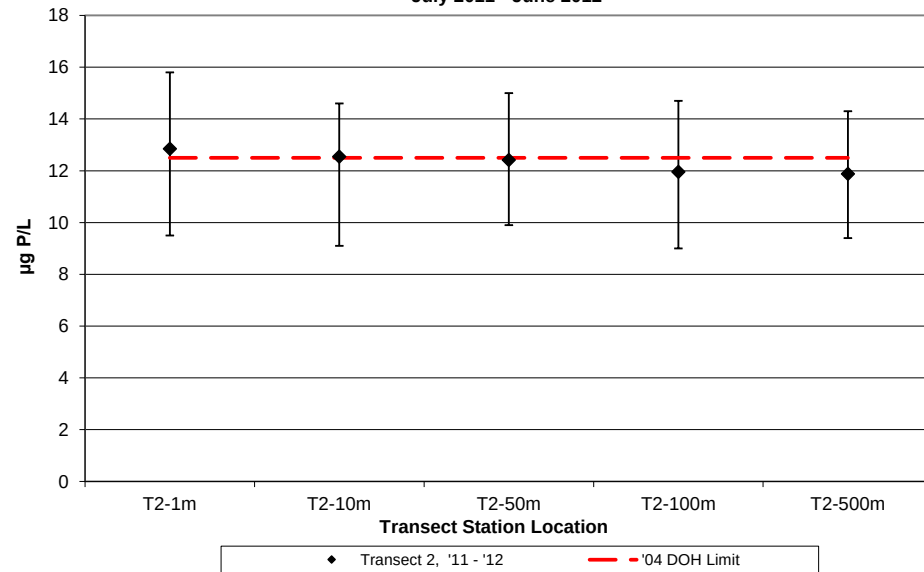
Transect 2 Station Summary
Ortho-Phosphate Geometric Mean, July 2011 - June 2012



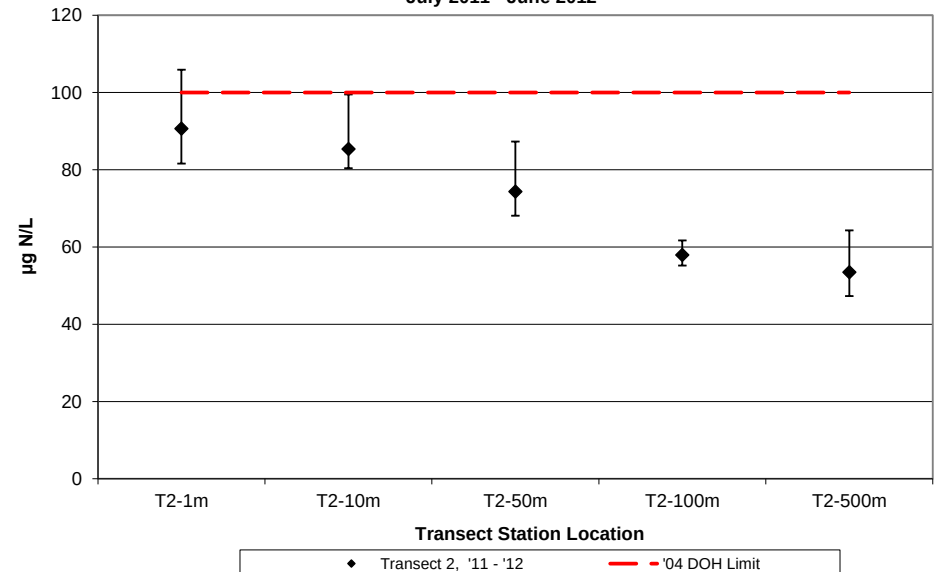
Transect 2 Station Summary
Nitrate + Nitrite Geometric Mean, July 2011 - June 2012



Transect 2 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2011 - June 2012



Transect 2 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2011 - June 2012

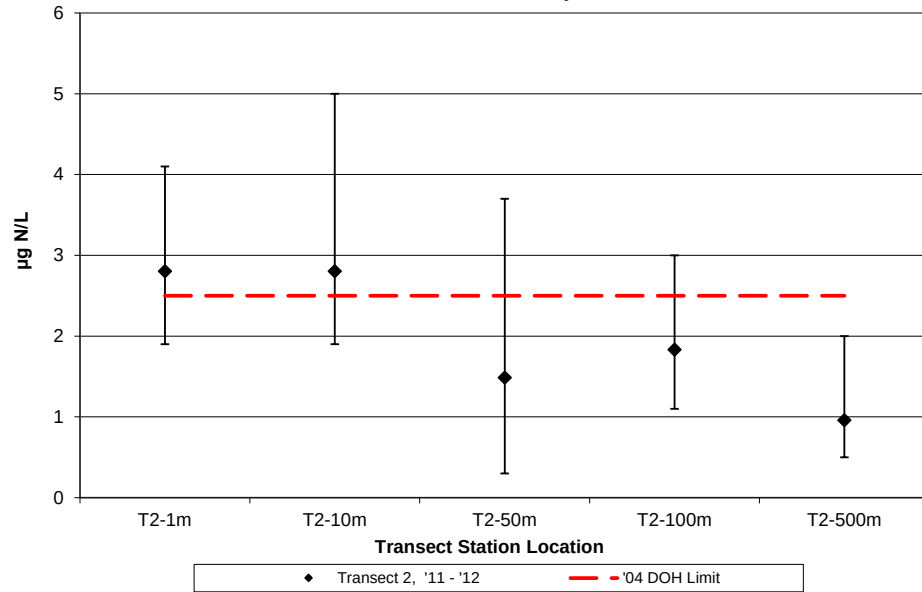


NELHA Water Quality Laboratory

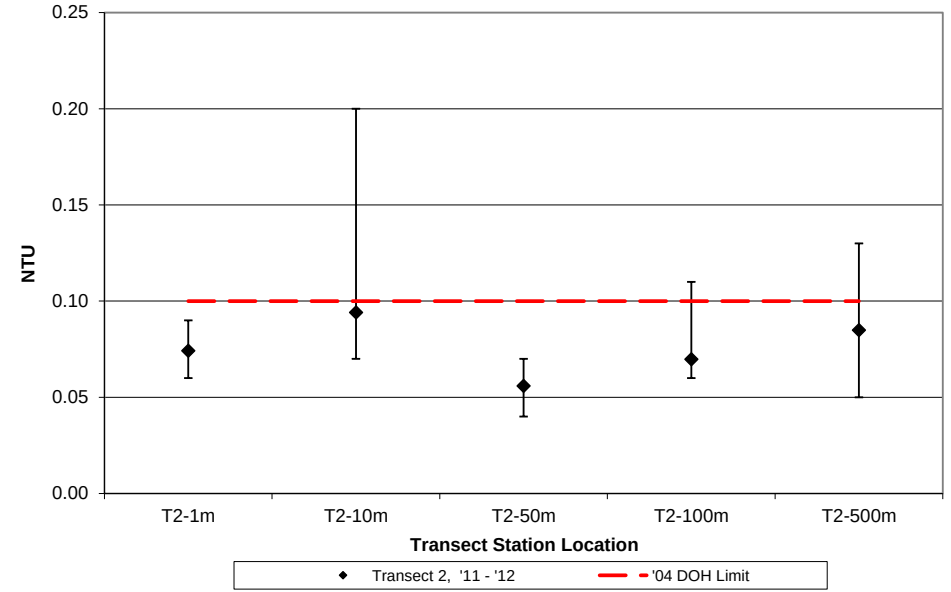
Transect 2

July 2011 - June 2012

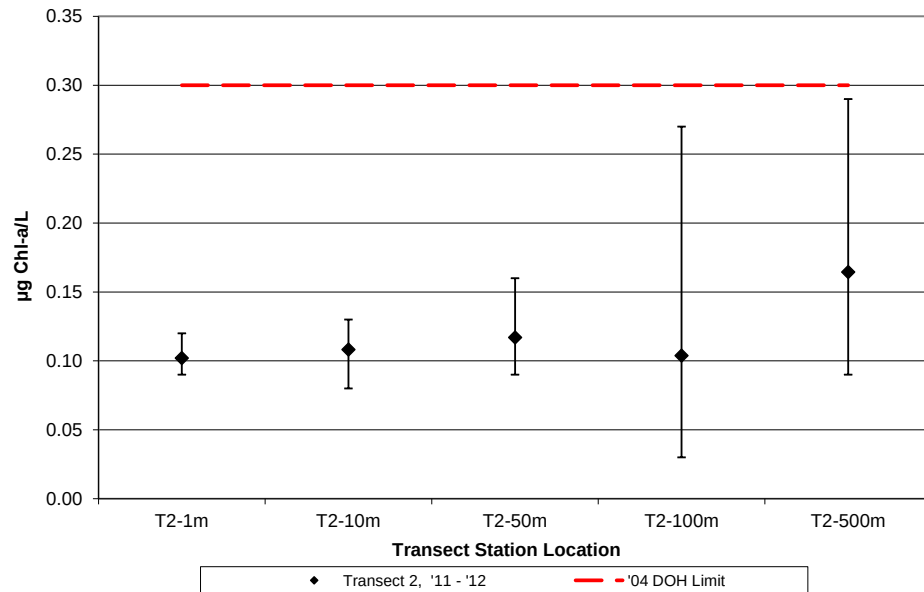
Transect 2 Station Summary
Total Ammonia Geometric Mean, July 2011 - June 2012



Transect 2 Station Summary
Turbidity Geometric Mean, July 2011 - June 2012



Transect 2 Station Summary
Chlorophyll-a Geometric Mean, July 2011 - June 2012



NELHA Water Quality Laboratory

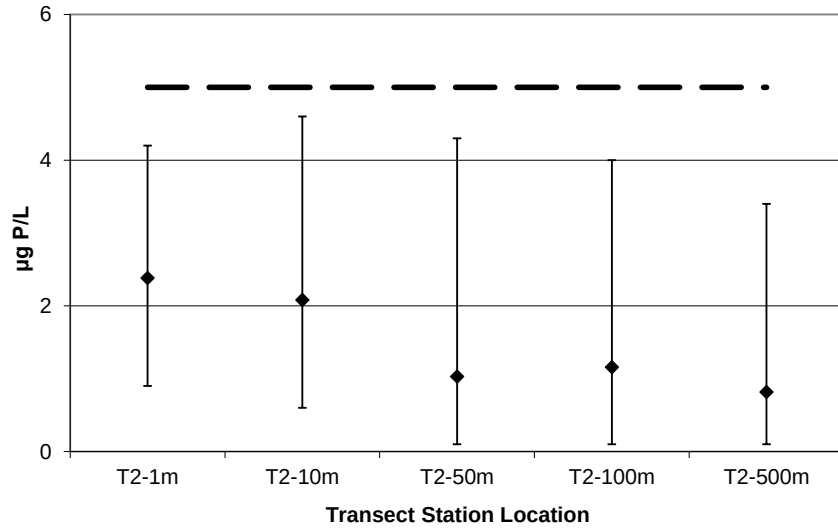
Transect 2

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
T2-1m	8/10/10	1005	-0.3 Low	0.08 2.5	1.38 19.3	0.16 2.2	10.8 304	0.52 16.2	5.8 81	0.06	34.81	26.0	8.22	6.7	0.06
T2-1m	11/8/10	952	1.1 Ebb	0.03 0.9	0.44 6.2	0.24 3.3	2.6 72	0.36 11.2	4.7 65	0.10	35.25	26.4	8.25	6.4	0.06
T2-1m	1/11/11	1009	1.1 Ebb	0.14 4.2	0.25 3.5	0.08 1.1	2.8 79	0.44 13.5	3.9 55	0.08	34.96	25.0	8.24	6.6	0.13
T2-1m	4/26/11	1009	0.5 Flood	0.11 3.4	0.44 6.2	0.10 1.4	9.1 256	0.44 13.7	5.1 72	0.10	34.97	25.0	8.21	6.5	0.14
Geomean '10-'11				0.08 2.4	0.51 7.1	0.1 1.8		0.4 13.5	4.8 67	0.08					0.09
T2-10m	8/10/10	1010	-0.3 Low	0.06 2.0	1.26 17.6	0.09 1.2	7.3 206	0.47 14.7	6.8 95	0.06	34.82	26.0	8.23	6.6	0.08
T2-10m	11/8/10	956	1.1 Ebb	0.02 0.6	0.38 5.3	0.19 2.7	5.6 157	0.37 11.5	7.0 98	0.11	35.25	26.4	8.25	6.4	0.08
T2-10m	1/11/11	1013	1.1 Ebb	0.15 4.6	0.25 3.5	0.15 2.1	5.1 144	0.42 12.9	3.6 51	0.06	34.96	25.0	8.24	6.7	0.15
T2-10m	4/26/11	1013	0.5 Flood	0.11 3.4	0.28 3.9	0.27 3.8	5.5 154	0.43 13.2	5.4 76	0.10	34.99	25.0	8.21	6.6	0.11
Geomean '10-'11				0.07 2.1	0.43 6.0	0.16 2.3		0.42 13.0	5.5 77	0.08					0.10
T2-50m	8/10/10	1015	-0.3 Low	0.00 0.1	0.51 7.1	0.05 0.7	2.2 61	0.43 13.3	8.5 118	0.06	34.87	26.1	8.23	6.4	0.08
T2-50m	11/8/10	1002	1.1 Ebb	0.02 0.7	0.39 5.5	0.21 3.0	4.1 116	0.32 9.8	6.4 90	0.09	35.26	26.4	8.25	6.3	0.09
T2-50m	1/11/11	1017	1.1 Ebb	0.14 4.3	0.30 4.2	0.07 1.0	12.4 348	0.51 15.7	4.5 64	0.05	34.92	24.9	8.23	6.4	0.16
T2-50m	4/26/11	1019	0.5 Flood	0.12 3.7	0.53 7.4	0.16 2.2	18.4 517	0.42 13.0	4.6 64	0.09	34.98	25.0	8.21	6.4	0.14
Geomean '10-'11				0.03 1.0	0.42 5.9	0.10 1.5		0.41 12.8	5.8 81	0.07					0.11
T2-100m	8/10/10	1021	-0.3 Low	0.05 1.6	0.52 7.3	0.01 0.2	3.9 109	0.52 16.0	7.1 99	0.05	34.89	26.1	8.22	6.3	0.13
T2-100m	11/8/10	1007	1.0 Ebb	0.00 0.1	0.16 2.2	0.14 1.9	7.5 210	0.33 10.3	5.9 83	0.11	35.26	26.5	8.25	6.2	0.09
T2-100m	1/11/11	1023	1.0 Ebb	0.13 4.0	0.27 3.8	0.11 1.5	2.7 75	0.45 13.8	3.9 55	0.08	34.95	25.0	8.23	6.3	0.11
T2-100m	4/26/11	1023	0.6 Flood	0.09 2.8	0.31 4.3	0.06 0.8	1.7 47	0.43 13.4	4.0 56	0.10	34.98	25.0	8.21	6.4	0.11
Geomean '10-'11				0.04 1.2	0.29 4.0	0.06 0.8		0.43 13.2	5.1 71	0.08					0.11
T2-500m	8/10/10	1032	-0.3 Low	0.02 0.5	0.06 0.8	0.05 0.7	1.2 32	0.55 17.1	6.68 94	0.03	34.91	26.3	8.24	6.5	0.04
T2-500m	11/8/10	1015	1.0 Ebb	0.00 0.1	0.04 0.5	0.18 2.5	1.8 50	0.31 9.5	5.03 70	0.11	35.27	26.4	8.25	6.2	0.06
T2-500m	1/11/11	1030	1.0 Ebb	0.11 3.4	0.01 0.1	0.09 1.3	4.0 113	0.42 13.1	3.04 43	0.04	35.01	25.0	8.23	6.4	0.11
T2-500m	4/26/11	1031	0.6 Flood	0.08 2.6	0.06 0.8	0.15 2.1	20.7 582	0.48 14.8	3.19 45	0.08	34.98	25.1	8.22	6.5	0.12
Geomean '10-'11				0.03 0.8	0.03 0.4	0.11 1.5		0.43 13.3	4.2 60	0.06					0.08

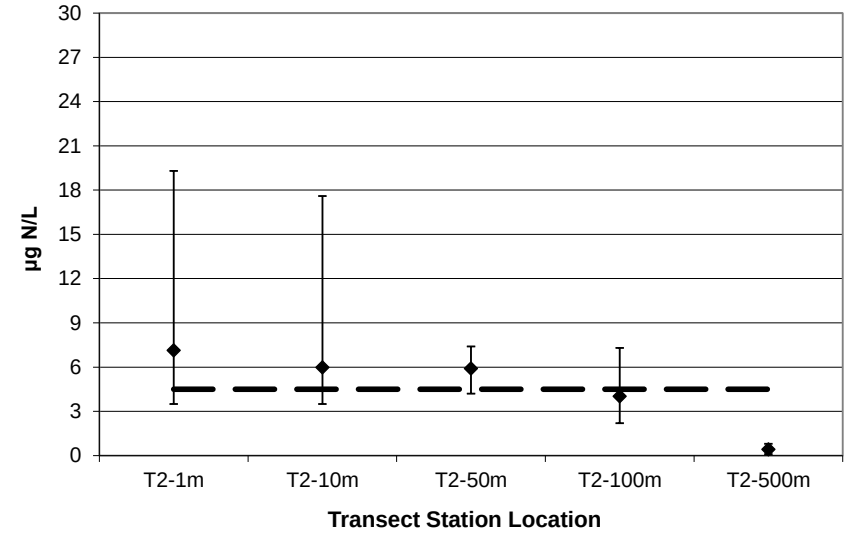
NELHA Water Quality Laboratory
Transect 2
July 2010 - June 2011

Transect 2 Station Summary
 Ortho-Phosphate Geometric Mean, July 2010 - June 2011



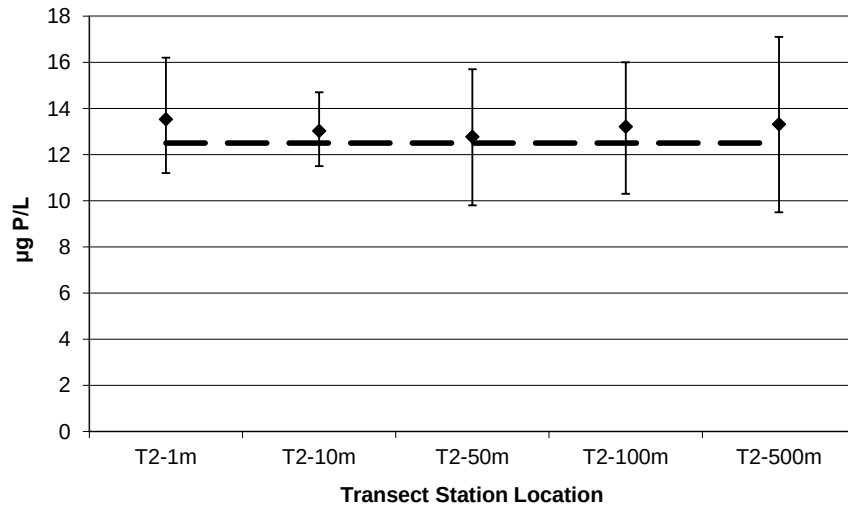
◆ Transect 2, '10 - '11 — '04 DOH Limit

Transect 2 Station Summary
 Nitrate + Nitrite Geometric Mean, July 2010 - June 2011



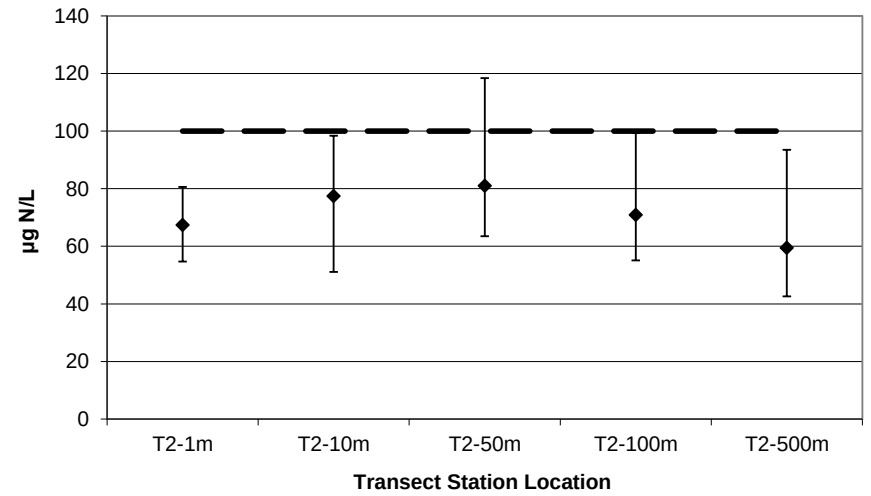
◆ Transect 2, '10 - '11 — '04 DOH Limit

Transect 2 Station Summary
 Total Dissolved Phosphorous Geometric Mean
 July 2010 - June 2011



◆ Transect 2, '10 - '11 — '04 DOH Limit

Transect 2 Station Summary
 Total Dissolved Nitrogen Geometric Mean
 July 2010 - June 2011



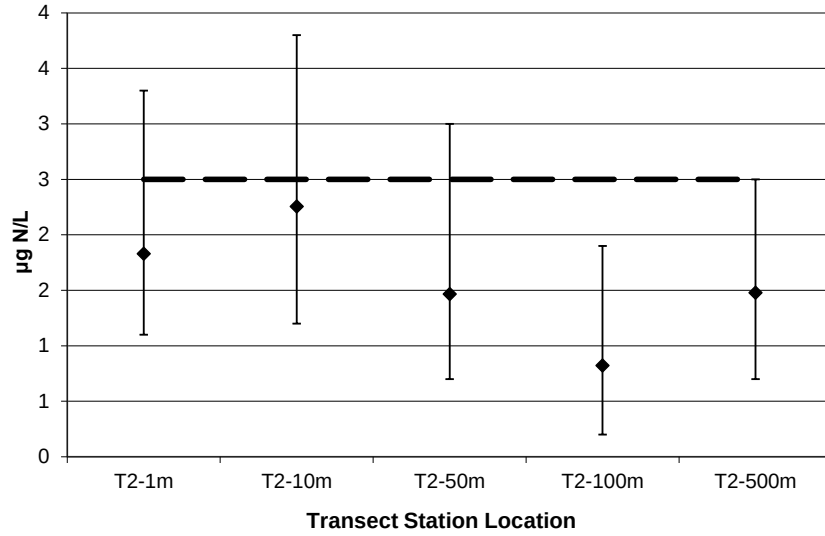
◆ Transect 2, '10 - '11 — '04 DOH Limit

NELHA Water Quality Laboratory

Transect 2

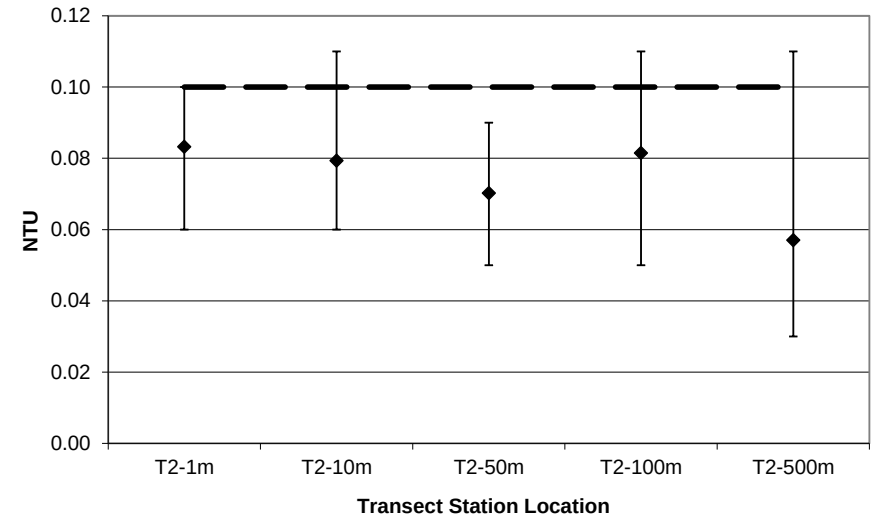
July 2010 - June 2011

Transect 2 Station Summary
Ammonia Geometric Mean, July 2010 - June 2011



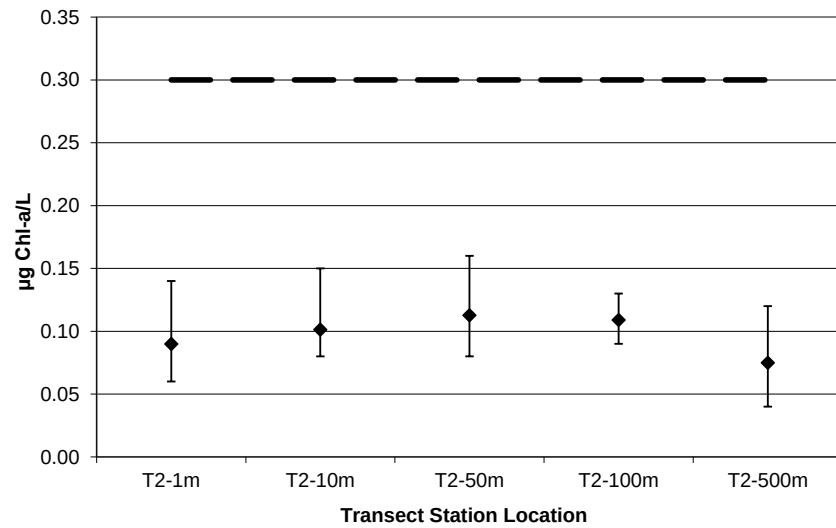
◆ Transect 2, '10 - '11 — '04 DOH Limit

Transect 2 Station Summary
Turbidity Geometric Mean, July 2010 - June 2011



◆ Transect 2, '10 - '11 — '04 DOH Limit

Transect 2 Station Summary
Chlorophyll-a Geometric Mean, July 2010 - June 2011



◆ Transect 2, '10 - '11 — '04 DOH Limit

NELHA Water Quality Laboratory

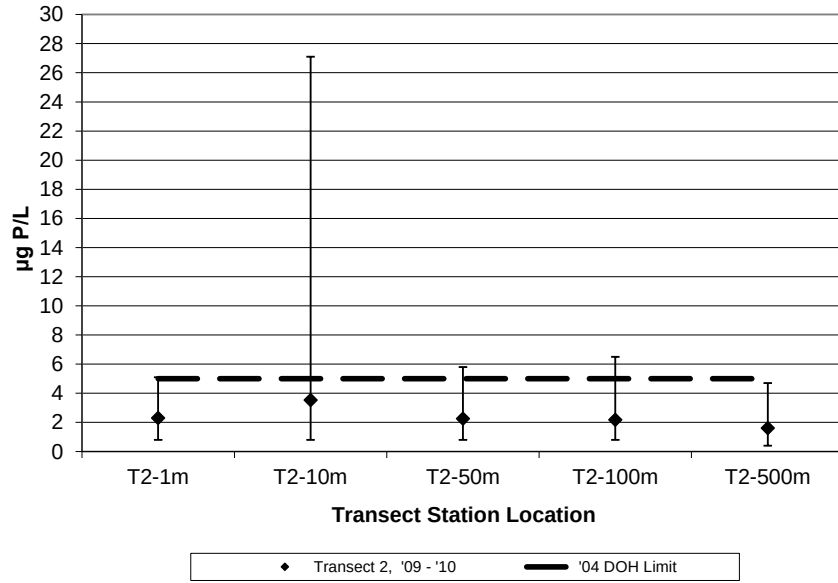
Transect 2

July 2008 - June 2010

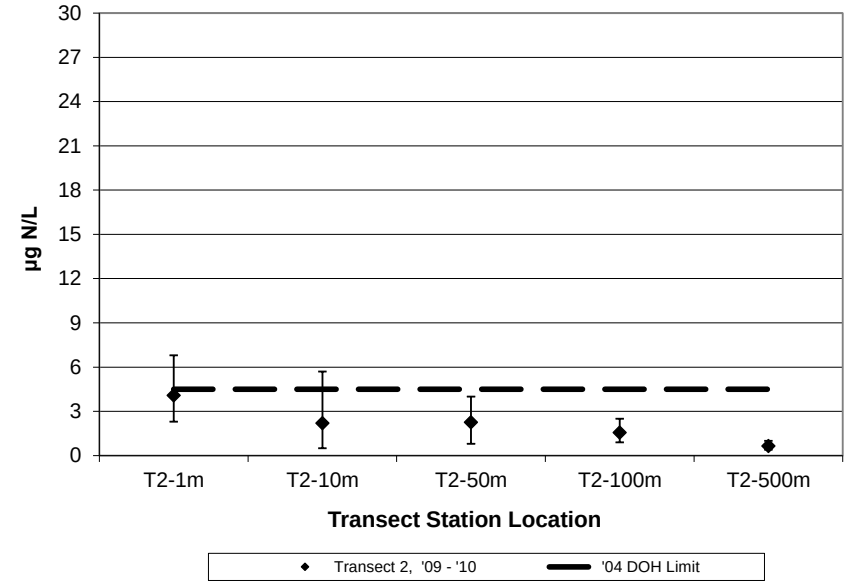
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)		NO3+NO2 (µM) (µg N/L)		NH3 (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T2-1m	9/9/09	947	1.8 Ebb	0.15	4.6	0.49	6.8	0.30	4.2	6.7	189	0.52	16.2	5.8	81	0.07	35.15	26.9	8.21	5.6	0.21
T2-1m	11/23/09	1003	1.8 High	0.03	0.8	0.16	2.3	0.03	0.4	23.8	669	0.27	8.4	5.0	70	0.07	35.20	25.3	8.27	6.4	0.15
T2-1m	2/23/10	1012	0.3 Flood	0.16	5.1	0.29	4.1	0.43	6.0	16.3	458	0.31	9.6	4.7	66	0.07	35.06	24.6	8.18	6.5	0.37
T2-1m	5/25/10	1026	0.5 Flood	0.05	1.5	0.31	4.3	0.19	2.6	3.7	105	0.25	7.6	5.7	80	0.11	34.95	25.1	8.23	7.0	0.08
Geomean	'09-'10			0.07	2.3	0.29	4.1	0.2	2.3			0.3	10.0	5.3	74	0.08					0.17
T2-10m	9/9/09	953	1.8 Ebb	0.87	27.1	0.41	5.7	0.28	3.9	6.0	168	0.47	14.7	6.8	95	0.07	35.16	27.0	8.21	5.6	0.26
T2-10m	11/23/09	1008	1.8 High	0.03	0.8	0.04	0.5	0.01	0.1	24.4	684	0.39	12.2	6.8	95	0.07	35.20	25.3	8.26	6.4	0.16
T2-10m	2/23/10	1016	0.4 Flood	0.18	5.5	0.26	3.7	0.44	6.2	15.4	434	0.41	12.6	7.5	105	0.13	35.06	24.6	8.19	6.4	0.22
T2-10m	5/25/10	1029	0.5 Flood	0.04	1.3	0.16	2.2	0.18	2.5	2.6	73	0.25	7.8	6.1	86	0.07	34.96	25.1	8.23	7.0	0.10
Geomean	'09-'10			0.11	3.5	0.16	2.2	0.11	1.6			0.37	11.5	6.8	95	0.08					0.17
T2-50m	9/9/09	1000	1.8 Ebb	0.19	5.8	0.29	4.0	0.38	5.3	8.3	233	0.43	13.3	8.5	118	0.05	35.22	27.0	8.21	5.8	0.15
T2-50m	11/23/09	1014	1.8 High	0.03	0.8	0.15	2.1	0.01	0.2	15.7	441	0.40	12.4	5.8	82	0.08	35.21	25.4	8.25	6.3	0.13
T2-50m	2/23/10	1020	0.4 Flood	0.16	5.1	0.28	3.9	0.45	6.3	14.7	414	0.43	13.4	6.6	93	0.13	35.06	24.6	8.18	6.2	0.28
T2-50m	5/25/10	1035	0.5 Flood	0.04	1.1	0.06	0.8	0.05	0.7	3.1	87	0.35	10.8	6.0	85	0.06	35.00	24.9	8.22	6.8	0.10
Geomean	'09-'10			0.07	2.3	0.16	2.3	0.10	1.5			0.40	12.4	6.7	93	0.07					0.15
T2-100m	9/9/09	1007	1.7 Ebb	0.21	6.5	0.16	2.2	0.10	1.4	10.6	298	0.52	16.0	7.1	99	0.06	35.19	26.8	8.20	5.8	0.24
T2-100m	11/23/09	1019	1.8 High	0.03	0.8	0.09	1.2	0.06	0.8	52.2	1466	0.42	13.1	5.6	78	0.06	35.18	25.4	8.25	6.1	0.12
T2-100m	2/23/10	1024	0.4 Flood	0.15	4.8	0.18	2.5	0.29	4.0	13.5	380	0.36	11.1	7.2	101	0.06	35.07	24.6	8.18	6.0	0.23
T2-100m	5/25/10	1040	0.5 Flood	0.03	0.9	0.06	0.9	0.11	1.5	4.6	130	0.36	11.3	6.4	90	0.09	34.99	24.9	8.22	6.9	0.08
Geomean	'09-'10			0.07	2.2	0.11	1.6	0.11	1.6			0.41	12.7	6.5	92	0.07					0.15
T2-500m	9/9/09	1016	1.7 Ebb	0.15	4.7	0.07	1.0	0.06	0.9	5.0	141	0.55	17.1	6.68	94	0.06	35.23	26.7	8.19	5.5	0.30
T2-500m	11/23/09	1028	1.7 Ebb	0.03	0.8	0.05	0.7	0.03	0.4	10.0	281	0.37	11.6	4.26	60	0.09	35.22	25.4	8.25	6.2	0.11
T2-500m	2/23/10	1032	0.4 Flood	0.14	4.4	0.04	0.6	0.34	4.7	12.0	336	0.36	11.1	5.00	70	0.05	35.11	24.6	8.19	6.0	0.32
T2-500m	5/25/10	1047	0.6 Flood	0.01	0.4	0.03	0.4	0.01	0.2	8.3	234	0.53	16.4	6.71	94	0.08	35.01	25.2	8.22	6.9	0.06
Geomean	'09-'10			0.05	1.6	0.05	0.6	0.05	0.8			0.45	13.8	5.6	78	0.07					0.16

NELHA Water Quality Laboratory
Transect 2
July 2008 - June 2010

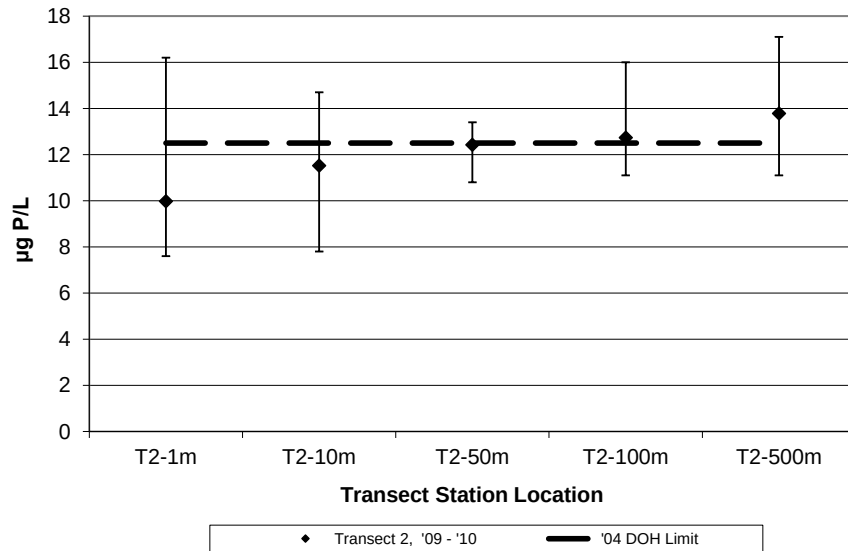
Transect 2 Station Summary
Ortho-Phosphate Geometric Mean, July 2009 - June 2010



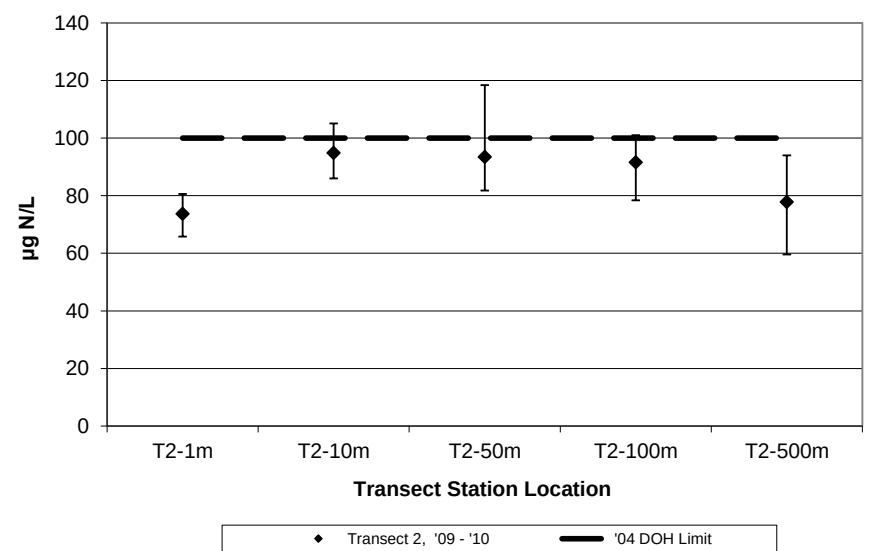
Transect 2 Station Summary
Nitrate + Nitrite Geometric Mean, July 2009 - June 2010



Transect 2 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2009 - June 2010



Transect 2 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2009 - June 2010

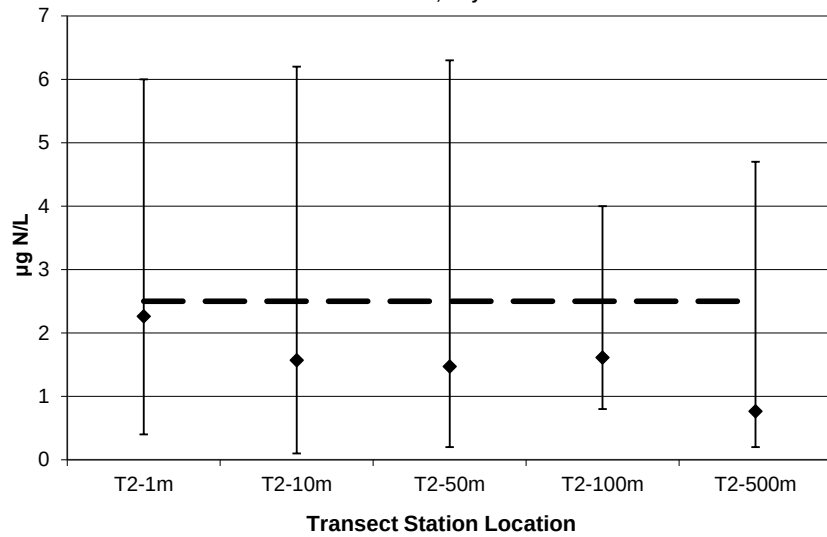


NELHA Water Quality Laboratory

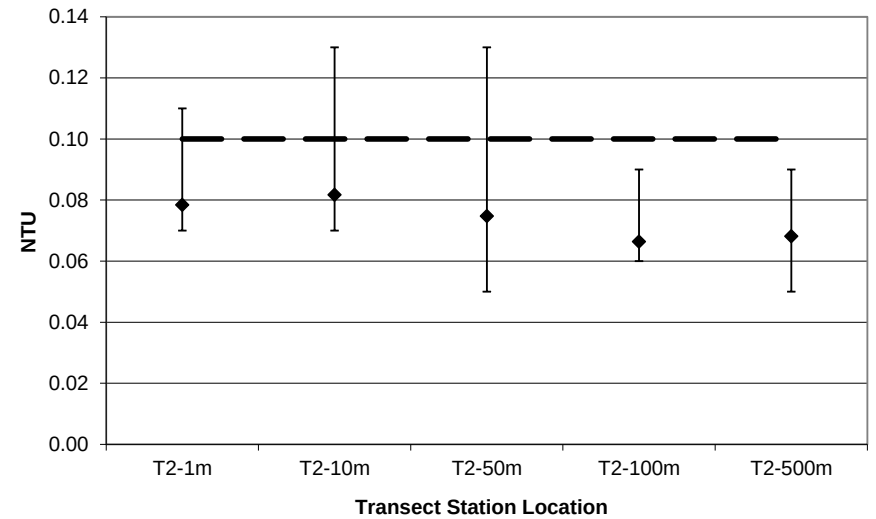
Transect 2

July 2008 - June 2010

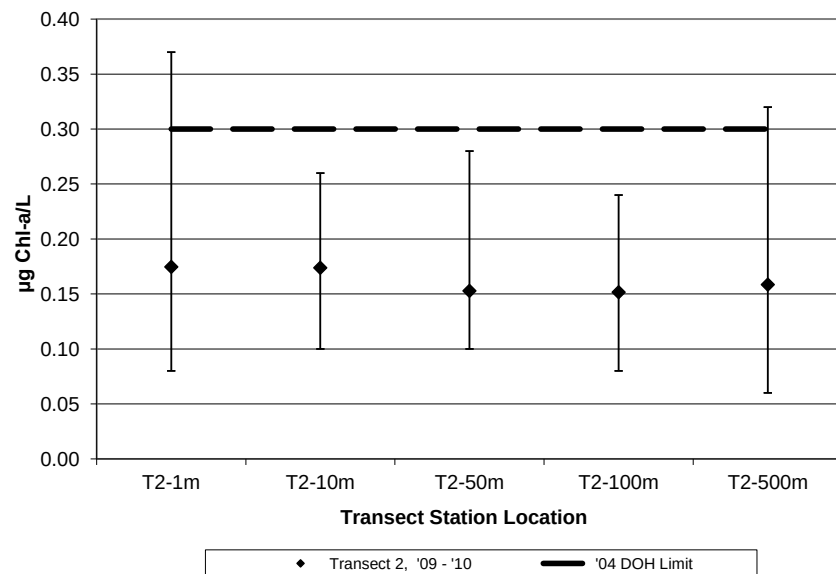
Transect 2 Station Summary
Ammonia Geometric Mean, July 2009 - June 2010



Transect 2 Station Summary
Turbidity Geometric Mean, July 2009 - June 2010



Transect 2 Station Summary
Chlorophyll-a Geometric Mean, July 2009 - June 2010



NELHA Water Quality Laboratory

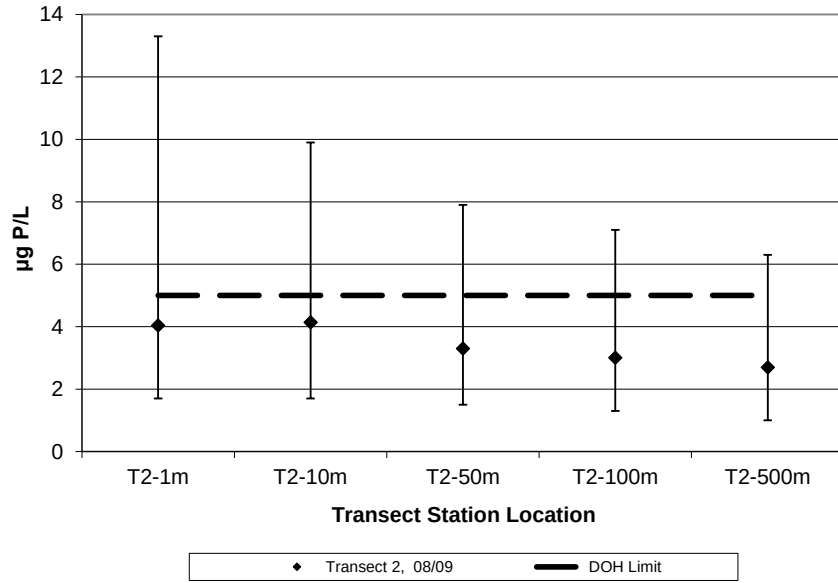
Transect 2

July 2008 - June 2009

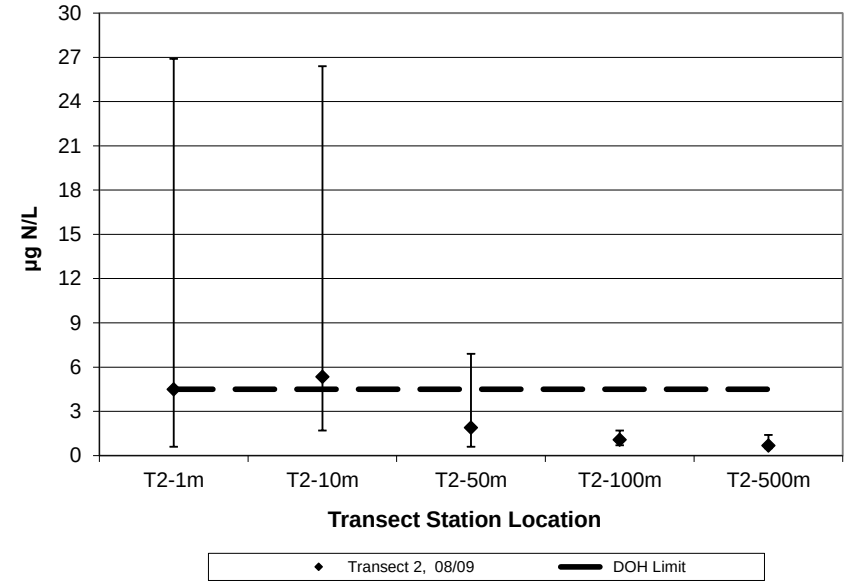
SITE ID	DATE M/D/Y	TIME (2400)	Tide (ft) (cycle)	PO4 (µM) (µg P/L)		NO3+NO2 (µM) (µg N/L)		NH3 (µM) (µg N/L)		Si (µM) (µg Si/L)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		Turbidity (NTU)	Salinity (o/oo)	Temp. (°C)	pH	DO (ppm)	Chl a (µg/L)
DOH LIMIT				0.16	5	0.32	4.5	0.18	2.5			0.40	12.5	7.1	100	0.10					0.30
T2-1m	9/22/08	1108	2.2 High	0.05	1.7	0.04	0.6	0.15	2.1	2.0	57	0.26	8.2	5.9	82	0.06	34.811	26.7	8.02	6.4	0.07
T2-1m	11/17/08	950	2.0 Ebb	0.14	4.2	0.21	3.0	0.14	1.9	2.5	71	0.26	8.2	5.4	76	0.19	34.964	25.7	8.24	6.1	0.02
T2-1m	2/9/09	948	0.0 Ebb	0.09	2.8	0.60	8.4	0.12	1.7	3.5	100	0.11	3.5	5.1	72	0.14	35.066	24.8	8.08	6.1	0.03
T2-1m	4/13/09	942	0.3 Ebb	0.43	13.3	1.92	26.9	0.47	6.6	5.3	148	0.50	15.4	6.9	96	0.10	34.868	24.0	8.18	6.2	0.14
Geomean	08/09			0.13	4.0	0.32	4.5	0.2	2.6			0.3	7.8	5.8	81	0.11					0.05
T2-10m	9/22/08	1114	2.2 High	0.05	1.7	0.12	1.7	0.09	1.3	2.4	68	0.25	7.7	5.0	71	0.07	34.801	26.7	8.02	6.6	0.06
T2-10m	11/17/08	958	2.0 Ebb	0.19	5.8	0.20	2.8	0.14	1.9	2.9	82	0.41	12.7	5.5	77	0.06	34.957	25.6	8.24	6.1	0.04
T2-10m	2/9/09	953	0.0 Ebb	0.10	3.0	0.46	6.5	0.12	1.7	2.8	77	0.19	6.0	5.7	79	0.09	35.068	24.9	8.06	6.3	0.01
T2-10m	4/13/09	946	0.3 Ebb	0.32	9.9	1.88	26.4	0.44	6.1	5.0	142	0.47	14.6	8.1	114	0.10	34.884	23.9	8.18	6.4	0.06
Geomean	08/09			0.13	4.1	0.38	5.3	0.16	2.2			0.31	9.6	6.0	84	0.08					0.03
T2-50m	9/22/08	1120	2.2 High	0.05	1.5	0.04	0.6	0.06	0.9	1.8	50	0.27	8.5	4.9	68	0.09	34.812	26.7	8.03	6.6	0.09
T2-50m	11/17/08	1000	2.0 Ebb	0.16	5.0	0.16	2.2	0.14	1.9	2.4	66	0.39	12.0	5.8	82	0.06	34.962	25.7	8.25	6.1	0.06
T2-50m	2/9/09	1002	0.0 Ebb	0.06	2.0	0.10	1.4	0.12	1.7	1.2	33	0.14	4.3	5.5	77	0.07	35.116	24.9	8.06	6.0	0.01
T2-50m	4/13/09	951	0.3 Ebb	0.26	7.9	0.49	6.9	0.30	4.2	3.5	98	0.47	14.5	7.0	98	0.10	34.955	24.0	8.18	6.2	0.02
Geomean	08/09			0.11	3.3	0.13	1.9	0.13	1.9			0.29	8.9	5.7	81	0.08					0.03
T2-100m	9/22/08	1127	2.2 High	0.04	1.3	0.05	0.7	0.16	2.3	1.4	40	0.27	8.4	4.6	65	0.08	34.830	26.8	8.05	6.7	0.07
T2-100m	11/17/08	1006	2.0 Ebb	0.16	4.9	0.06	0.8	0.14	1.9	2.1	59	0.34	10.6	5.2	73	0.06	34.978	25.8	8.26	5.8	0.04
T2-100m	2/9/09	1009	0.0 Ebb	0.06	1.8	0.10	1.4	0.12	1.7	1.5	43	0.11	3.3	6.9	97	0.06	35.127	24.8	8.07	6.0	0.01
T2-100m	4/13/09	956	0.3 Ebb	0.23	7.1	0.12	1.7	0.33	4.6	2.9	80	0.43	13.4	5.3	75	0.10	34.989	24.0	8.187	6.0	0.15
Geomean	08/09			0.10	3.0	0.08	1.1	0.17	2.4			0.26	7.9	5.5	76	0.07					0.05
T2-500m	9/22/08	1132	2.2 High	0.03	1.0	0.04	0.5	0.08	1.1	1.5	43	0.27	8.4	4.49	63	0.08	34.860	27.1	8.04	6.3	0.02
T2-500m	11/17/08	1013	2.0 Ebb	0.14	4.4	0.04	0.5	0.14	1.9	1.6	46	0.35	10.7	4.36	61	0.07	34.988	26.1	8.27	5.8	0.02
T2-500m	2/9/09	1019	0.0 Ebb	0.06	1.9	0.10	1.4	0.12	1.7	3.5	99	0.25	7.6	6.89	97	0.06	35.100	24.9	8.06	6.1	0.01
T2-500m	4/13/09	1004	0.3 Ebb	0.20	6.3	0.04	0.6	0.28	3.9	3.3	93	0.44	13.5	4.38	61	0.10	34.997	24.0	8.19	6.0	0.04
Geomean	08/09			0.09	2.7	0.05	0.7	0.14	1.9			0.32	9.8	4.9	69	0.08					0.02

NELHA Water Quality Laboratory
Transect 2
July 2008 - June 2009

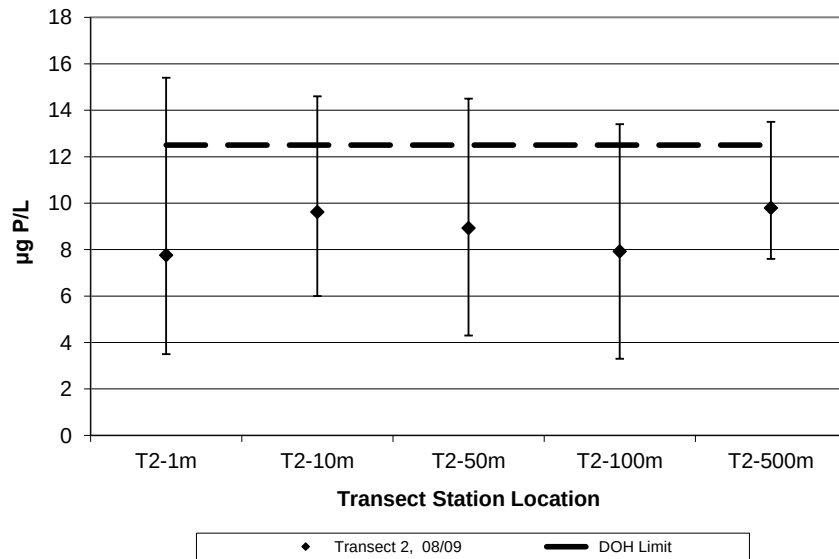
Transect 2 Station Summary
Ortho-Phosphate Geometric Mean, July 2008 - June 2009



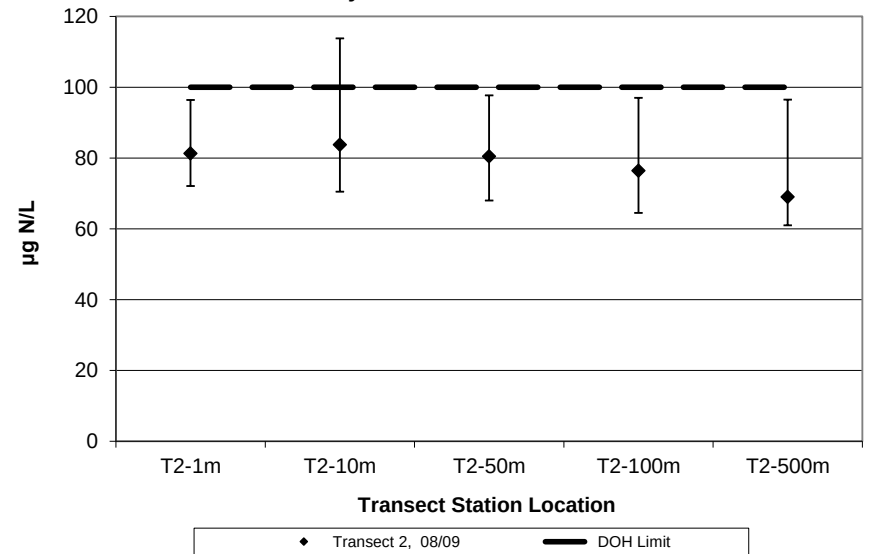
Transect 2 Station Summary
Nitrate + Nitrite Geometric Mean, July 2008 - June 2009



Transect 2 Station Summary
Total Dissolved Phosphorous Geometric Mean
July 2008 - June 2009



Transect 2 Station Summary
Total Dissolved Nitrogen Geometric Mean
July 2008 - June 2009

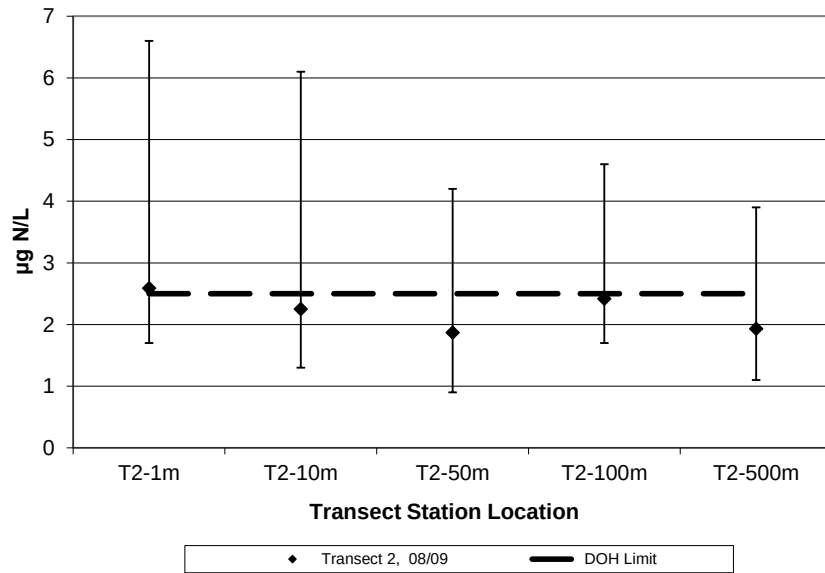


NELHA Water Quality Laboratory

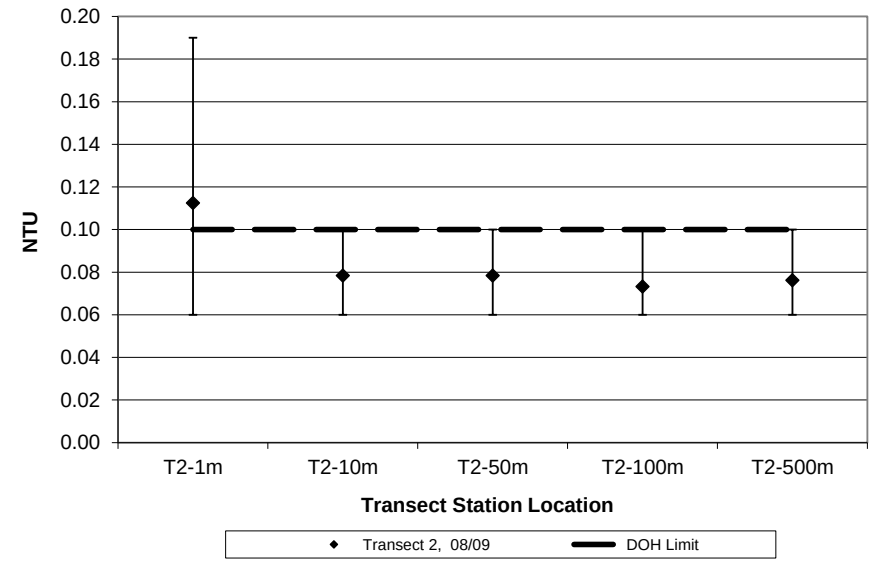
Transect 2

July 2008 - June 2009

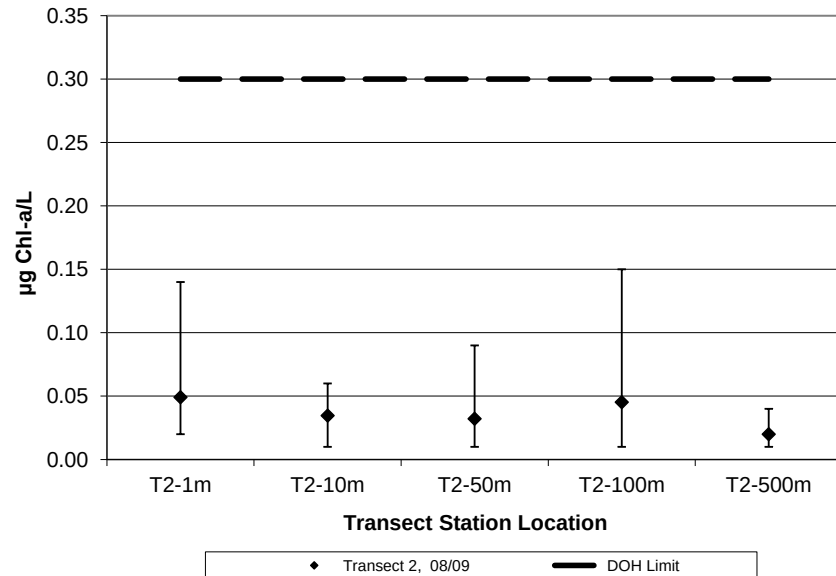
Transect 2 Station Summary
Ammonia Geometric Mean, July 2008 - June 2009



Transect 2 Station Summary
Turbidity Geometric Mean, July 2008 - June 2009



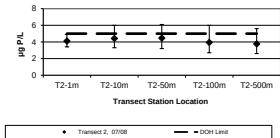
Transect 2 Station Summary
Chlorophyll-a Geometric Mean, July 2008 - June 2009



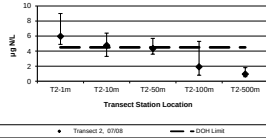
NELHA Water Quality Laboratory
FY 07/08, Transect 2

SITE ID	DATE MIDY	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	0.3					
T2-1m	9/26/07	943	0.16	4.9	0.35	4.9	0.41	5.8	14.0	392	0.37	11.5	5.2	73	0.08	34.939	26.79	8.15	6.38	0.08
T2-1m	12/13/07	1121	0.11	3.4	0.39	5.5			13.0	365	0.38	11.7	6.9	96	0.18	34.685	25.69	8.24	6.61	0.25
T2-1m	3/10/08	1010	0.16	4.9	0.37	5.2	0.06	0.8	5.2	147	0.36	11.2	8.4	117	0.41	34.903	24.93	8.19	6.58	0.19
T2-1m	6/5/08	1015	0.11	3.5	0.64	9.0	0.16	2.2	20.2	567	0.25	7.8	7.8	109	0.08	34.7825	25.05	8.09	6.83	0.27
Geomean	07/08		0.13	4.1	0.43	6.0	0.2	2.2	0.3	10.4	6.9	97	0.11							0.21
T2-10m	9/26/07	954	0.17	5.2	0.24	3.3	0.27	3.8	2.7	76	0.28	8.7	4.1	58	0.10	34.967	26.79	8.17	6.21	0.13
T2-10m	12/13/07	1124	0.11	3.3	0.44	6.1			20.1	566	0.38	11.7	8.4	118	0.18	34.697	25.70	8.23	6.54	0.24
T2-10m	3/10/08	1014	0.19	6.0	0.29	4.0	0.06	0.8	14.4	405	0.45	13.8	7.8	109	0.12	34.901	24.93	8.20	6.62	0.32
T2-10m	6/5/08	1017	0.12	3.7	0.46	6.4	0.16	2.2	17.2	483	0.27	8.5	11.0	154	0.07	34.809	25.02	8.08	6.77	0.15
Geomean	07/08		0.14	4.4	0.34	4.8	0.13	1.9	0.34	10.5	7.4	103	0.10							0.17
T2-50m	9/26/07	1002	0.17	5.3	0.29	4.0	0.11	1.6	5.0	141	0.09	2.8	5.45	76	0.04	34.945	26.8	8.16	6.23	0.09
T2-50m	12/13/07	1126	0.10	3.2	0.31	4.3			16.3	456	0.38	11.8	6.15	86	0.14	34.707	25.7	8.23	6.45	0.25
T2-50m	3/10/08	1017	0.20	6.1	0.41	5.7	0.06	0.8	4.1	115	0.41	12.7	7.08	99	0.25	34.870	25.0	8.19	6.54	0.26
T2-50m	6/5/08	1020	0.12	3.8	0.26	3.6	0.16	2.2	21.2	595	0.20	6.1	8.82	124	0.06	34.798	25.2	8.06	6.44	0.19
Geomean	07/08		0.14	4.3	0.33	4.3	0.10	1.4	0.23	7.1	6.8	95	0.11							0.21
T2-100m	9/26/07	1009	0.13	4.0	0.07	1.0	0.07	1.0	12.6	353	0.01	0.4	6.74	94.4	0.05	34.977	26.9	8.18	6.27	0.08
T2-100m	12/13/07	1131	0.09	2.7	0.06	0.8			11.7	328	0.26	8.1	7.38	103	0.18	34.700	25.8	8.23	6.42	0.25
T2-100m	3/10/08	1022	0.19	6.0	0.38	5.3	0.06	0.8	3.5	98	0.33	10.1	8.65	121.1	0.17	34.886	25.1	8.27	6.69	0.32
T2-100m	6/5/08	1022	0.12	3.7	0.22	3.1	0.16	2.2	24.2	679	0.29	9.0	10.48	146.8	0.05	34.8205	25.13	8.07	6.55	0.15
Geomean	07/08		0.13	3.9	0.14	1.9	0.09	1.2	0.13	4.1	8.2	115	0.09							0.18
T2-500m	9/26/07	1022	0.14	4.3	0.07	1.0	0.06	0.8	2.4	69	0.38	11.9	5.0	70	0.06	34.986	26.94	8.20	6.31	0.05
T2-500m	12/13/07	1136	0.10	3.2	0.04	0.6			12.5	360	0.38	11.8	6.1	85	0.11	34.718	25.79	8.23	6.23	0.43
T2-500m	3/10/08	1031	0.18	5.6	0.05	0.7	0.06	0.8	13.1	368	0.46	14.4	8.5	120	0.19	34.921	25.79	8.24	6.58	0.27
T2-500m	6/5/08	1025	0.08	2.6	0.13	1.8	0.16	2.2	18.2	510	0.23	7.2	7.9	110	0.06	34.820	25.15	8.07	6.51	0.17
Geomean	07/08		0.12	3.8	0.07	0.9	0.08	1.1	0.35	11.6	6.7	94	0.09							0.18

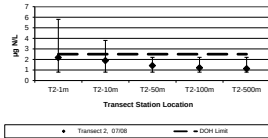
Ortho-Phosphate
Geometric Mean, July 2007 - June 2008
Transect 2



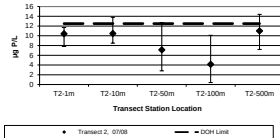
Nitrate + Nitrite
Geometric Mean, July 2007 - June 2008
Transect 2



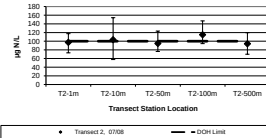
Ammonia
Geometric Mean, July 2007 - June 2008
Transect 2



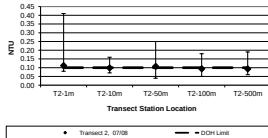
Total Dissolved Phosphorous
Geometric Mean, July 2007 - June 2008
Transect 2



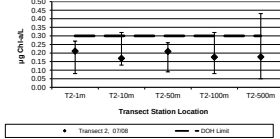
Total Dissolved Nitrogen
Geometric Mean, July 2007 - June 2008
Transect 2



Turbidity
Geometric Mean, July 2007 - June 2008
Transect 2



Chlorophyll-a
Geometric Mean, July 2007 - June 2008
Transect 2



Transect 2, 07/08

SITE ID	PO4 limit	NO3+NO2 (µg P/L)	NO3+NO2 (µg N/L)	NH4 limit	TDP limit	TDN (µg P/L)	TDN (µg N/L)	Turbidity limit	Chl a limit
T2-1m	5	4.1	4.5	2.5	2.2	12.5	10.4	100	97.3
T2-10m	5	4.4	4.5	4.8	2.5	1.9	12.5	10.5	100
T2-50m	5	4.5	4.5	4.3	2.5	1.4	12.5	7.1	100
T2-100m	5	3.9	4.5	1.9	2.5	1.2	12.5	4.1	100
T2-500m	5	3.8	4.5	0.9	2.5	1.1	12.5	11.0	100

Max/Min		PO4		NO3+NO2		NH4		TDP		TDN		Turbidity		Chl a	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
T2-1m		0.79	0.71	3.04	1.06	3.63	1.37	1.29	2.61	20.08	24.32	0.30	0.03	0.06	0.13
T2-10m		1.58	1.12	1.64	1.46	1.92	1.08	3.35	1.95	50.84	45.76	0.06	0.03	0.15	0.04
T2-50m		1.65	1.25	1.37	0.73	0.79	0.61	5.59	4.31	28.78	18.42	0.14	0.07	0.05	0.12
T2-100m		2.07	1.23	3.40	1.10	0.99	0.41	5.96	3.74	32.05	20.35	0.09	0.04	0.14	0.10
T2-500m		1.84	1.16	0.87	0.33	1.08	0.32	3.42	3.78	25.48	24.12	0.10	0.03	0.25	0.13