NELHA Water Quality Laboratory

Anchialine Pond A2

8/31/1993 - 6/30/2024

Site ID	Date	Time	Tide		PO_4^{3-}		$NO_3^- \& NO_2^-$		$NH_4^+ \& NH_3$		Si		TDP		TDN		Turbidity	Salinity	Chloride	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)	(mg/L)	(˚C)		(ppm)	(µg/L)	(mv)
A2	8/31/93	950	0.3	Low	3.4	105	10.0	140	0.05	0.7	731	20519	3.4	105	137	1919	0.04	7.453	4125	21.4	8.01	8.06	0.00	
A2	10/26/93	939	0.7	Flood	3.8	118	113	1579	0.31	4.3	663	18621	3.8	118	126	1769	0.37	6.742	3732	21.5	8.02	7.98	0.01	
A2	2/8/94	818	0.4	Ebb	3.4	106	101	1417	0.01	0.1	658	18480	3.4	107	112	1575	0.06	7.712	4269	20.6	8.01	8.24	0.00	
A2	6/27/94	816	0.8	High	3.4	105	103	1439	0.22	3.1	704	19772	3.4	105	110	1534	0.09	7.773	4303	21.0	8.01	8.20	0.00	
A2	7/26/94	938	0.8	Ebb	3.4	105	106	1484	0.10	1.4	618	17357	3.4	106	116	1631	0.05	7.667	4244	21.3	7.99	8.25	0.00	
A2	10/17/94	1021	0.6	Low	3.4	106	110	1546	0.25	3.5	664	18643	3.5	107	64.0	897	0.08	7.306	4044	21.4	8.03	8.42	0.03	
A2	2/15/95	1023	0.1	Low	3.4	104	116	1621	0.07	1.0	664	18643	3.4	104	106	1489	0.06	7.826	4332	20.8	8.06	8.27	0.01	
A2	4/26/95	1117	0.5	Flood	3.5	109	108	1514	0.27	3.8	659	18511	3.5	109	117	1640	0.05	6.917	3829	22.6	8.05	8.40	0.01	
A2	8/23/95	1100	1.0	Flood	3.3	101	103	1448	0.38	5.3	674	18941	3.3	103	110	1548	0.06	7.407	4100	21.9	8.03	8.46	0.02	
A2	10/16/95	1002	1.8	High	3.4	106	104	1457	0.38	5.3	669	18795	3.5	107	98.9	1385	0.03	7.808	4322	21.7	8.05	5.03	0.00	
A2	2/26/96	1102	0.7	Ebb	3.4	104	100	1407	0.21	2.9	655	18403	3.4	104	105	1468	0.09	7.522	4164	21.1	8.00	8.15	0.00	
A2	4/1/96	1040	0.3	Flood	3.4	106	106	1483	0.33	4.6	659	18494	3.4	106	106	1485	0.04	7.301	4041	21.7	7.99	8.37	0.00	
A2	7/16/96	1010	0.2	Low	3.4	106	110	1537	0.26	3.6	697	19571	3.5	108	116	1630	0.07	7.102	3931	21.8	8.03	8.28	0.00	
A2	10/8/96	1054	1.3	Flood	3.5	107	112	1562	0.38	5.3	657	18451	3.5	109	89.9	1260	0.06	7.102	3931	22.1	8.01	7.81	0.75	
A2	1/15/97	919	1.3	High	3.4	104	95.2	1333	0.12	1.7	650	18264	3.4	104	112	1567	0.06	6.351	3515	21.2	8.02	8.21	0.00	
A2	4/30/97	947	0.6	Flood	5.7	176	107	1497	0.20	2.8	528	14835	5.7	177	111	1550	0.09	6.904	3822	21.4	8.03	8.03	0.00	
A2	7/14/97	1155	1.6	Flood	3.5	107	112	1569	0.19	2.7	660	18548	3.6	111	120	1680	0.07	6.735	3728	21.6	8.05	8.48	0.00	
A2	10/13/97	1159	1.5	Flood	3.5	108	117	1632	0.18	2.5	666	18716	3.5	108	124	1731	0.06	6.594	3650	22.7	8.16	8.52	0.00	
A2	3/11/98	920	0.2	Low	3.6	111	116	1628	0.15	2.1	668	18761	3.7	115	119	1665	0.06	7.584	4198	21.0	8.01	8.28	0.00	
A2	4/15/98	1101	0.1	Low	3.6	110	121	1691	0.21	2.9	666	18699	3.6	112	123	1718	0.06	7.419	4107	21.5	8.04	8.43	0.00	
A2	7/15/98	751	1.0	Flood	3.6	110	118	1658	0.10	1.4	670	18806	3.6	110	123	1729	0.07	7.638	4228	20.8	8.00	8.24	0.00	
A2	10/14/98	1038	1.8	Flood	3.6	111	127	1776	0.04	0.6	684	19213	3.6	112	134	1883	0.07	7.132	3948	22.5	8.01	8.92	0.03	
A2	3/3/99	905	0.6	Ebb	3.4	104	113	1583	0.17	2.4	651	18284	3.4	104	123	1729	0.08	8.498	4704	20.9	7.98	8.80	0.05	
A2	4/14/99	903	-0.3	Low	3.5	108	129	1804	0.15	2.1	665	18677	3.5	109	131	1828	0.07	7.456	4127	21.2	8.01	8.34	0.03	
A2	8/24/99	917	0.5	Flood	3.4	105	114	1590	0.26	3.6	771	21657	3.4	105	117	1642	0.09	7.716	4271	21.4	8.03	8.27	0.06	
A2	10/12/99	921	1.2	Ebb	3.3	102	113	1587	0.25	3.5	639	17941	3.4	105	120	1686	0.07	7.809	4322	22.1	8.06	8.14	0.03	
A2	3/1/00	925	0.3	Low	3.4	107	112	1569	0.17	2.4	670	18809	3.0	94	114	1597	0.05	7.926	4387	21.0	8.03	8.08	0.02	
A2	4/24/00	955	0.3	Ebb	3.4	106	119	1660	0.16	2.2	662	18595	3.3	102	118	1659	0.04	8.044	4453	21.4	8.04	8.10	0.02	
A2	8/1/00	933	0.1	Ebb	3.3	102	109	1527	0.16	2.2	662	18593	3.4	105	113	1577	0.05	8.565	4741	21.4	7.98	8.02	0.01	
A2	12/20/00	900	0.8	Flood	3.5	108	114	1597	0.19	2.7	675	18958	3.5	108	115	1611	0.06	7.979	4417	21.1	8.02	7.71	0.05	
A2	2/27/01	915	0.8	Ebb	3.4	104	112	1566	0.09	1.3	667	18733	3.4	105	113	1589	0.07	8.240	4561	21.1	7.96	7.57	0.03	
A2	5/9/01	917	-0.1	Ebb	3.2	100	110	1542	0.18	2.5	641	17994	3.4	105	111	1556	0.04	8.235	4558	21.4	8.00	8.22	0.02	
A2	9/11/01	1000	2.0	Flood	3.3	103	122	1705	0.26	3.6	647	18166	3.2	99	129	1803	0.09	7.613	4214	22.5	8.01	8.21	0.15	
A2	10/31/01	1054	0.5	Flood	3.6	112	119	1665	0.38	5.3	667	18719	3.6	112	116	1624	0.06	7.827	4332	21.7	7.98	8.19	0.09	
A2	1/15/02	910	1.0	Ebb	3.4	105	116	1629	0.13	1.8	668	18761	3.3	102	115	1609	0.04	8.157	4515	21.0	7.98	7.65	0.02	
A2	5/28/02	927	0.9	Ebb	3.4	105	118	1646	0.12	1.7	673	18887	3.4	105	113	1576	0.05	8.386	4642	21.3	7.99	8.22	0.03	
A2	9/17/02	940	0.9	Flood	3.5	109	130	1814	0.11	1.5	675	18958	3.3	103	117	1640	0.05	7.836	4337	21.9	8.02	8.14	0.06	
A2	12/16/02	955	0.6	Flood	3.3	102	126	1768	0.19	2.7	675	18966	3.6	110	113	1576	0.06	7.994	4425	21.3	7.97	8.35	0.06	
A2	1/30/03	950	0.2	Ebb	3.3	102	134	1881	0.73	10.2	687	19298	3.5	109	167	2336	0.05	8.143	4507	21.1	8.00	8.16	0.04	

NELHA Water Quality Laboratory

Anchialine Pond A2

8/31/1993 - 6/30/2024

Site ID	Date	Time	Tide		PO_4^{3-}		$NO_3^- \& NO_2^-$		$NH_4^+ \& NH_3$		Si		TDP		TDN		Turbidity	Salinity	Chloride	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)	(mg/L)	(˚C)		(ppm)	(µg/L)	(mv)
A2	5/28/03	907	0.0	Flood	3.6	112	127	1784	0.23	3.2	653	18343	3.7	115	148	2067	0.07	8.099	4483	21.4	8.04	8.47	0.11	
A2	9/18/03	915	1.6	Flood	3.4	104	126	1762	0.40	5.6	666	18705	3.6	112	129	1805	0.05	8.152	4512	22.7	7.97	8.26	0.01	
A2	11/6/03	856	0.5	Ebb	3.7	113	127	1776	0.80	11.2	664	18649	3.7	113	153	2147	0.04	8.294	4591	21.2	7.99		0.05	
A2	11/14/03	1407	0.6	Ebb																21.4		8.12		
A2	1/29/04	853	0.9	Ebb	3.3	102	115	1607	1.71	24.0	704	19758	3.3	102	128	1787	0.07	8.927	4941	20.8	7.96	7.70	0.05	
A2	6/1/04	927	-0.1	Flood	3.4	104	125	1748	0.39	5.5	655	18399	3.5	108	129	1808	0.37	8.37	4633	22.1	8.00	8.28	0.01	
A2	9/29/04	936	0.5	Ebb	3.3	102	127	1776	0.29	4.1	637	17885	3.3	103	131	1835	0.04	8.71	4821	21.9	7.99	8.07	0.04	
A2	12/2/04	1010	1.7	Ebb	3.3	102	127	1784	0.45	6.3	642	18022	3.3	103	135	1888	0.13	9.16	5070	22.2	8.12	8.92	0.12	
A2	1/19/05	955	0.6	Flood	3.4	107	128	1793	0.34	4.8	680	19098	3.6	112	142	1989	0.55	8.382	4640	21.2	8.05	8.24	0.10	
A2	5/31/05	948	0.8	Flood	3.2	99	129	1812	0.25	3.5	631	17719	3.2	100	133	1861	0.06	9.781	5414	20.6	7.99	8.65	0.02	
A2	8/2/05	920	0.3	Flood	3.3	103	128	1791	2.97	41.6	637	17888	3.5	108	136	1909	0.05	8.982	4972	25.2	8.08	8.06	0.02	
A2	8/8/05	933	0.6	Ebb																22.0				
A2	11/1/05	912	0.5	Ebb	3.2	100	126	1759	0.27	3.8	630	17694	3.4	104	127	1779	0.06	10.225	5660	21.8	7.99	7.89	0.12	
A2	1/30/06	919	1.0	Ebb	3.5	108	122	1710	3.14	44.0	613	17222	3.6	110	125	1754	0.12	10.619	5878	21.5	7.98	7.86	0.04	
A2	5/25/06	930	-0.2	Flood	3.7	113	129	1807	0.28	3.9	607	17048	3.8	119	125	1753	0.14	10.835	5997	21.9	7.99	8.20	0.12	
A2	7/27/06	1047	0.2	Low	3.2	100	126	1765	0.38	5.3	606	17020	3.4	105	111	1561	0.10	11.103	6146	22.2	7.96	8.33	0.11	
A2	10/31/06	920	0.4	Flood	3.2	99	135	1891	0.23	3.2	627	17610	3.3	101	140	1965	0.07	9.333	5166	21.6	7.96	7.95	0.06	
A2	1/17/07	1120	0.3	Flood	3.3	102	146	2045	0.29	4.1	618	17357	3.3	102	127	1781	0.04	10.608	5872	21.4	7.99	8.47	0.03	
A2	6/26/07	910	0.6	Flood	3.4	106	116	1631	0.78	11.0	371	10421	3.4	106	119	1672	0.08	10.301	5702	21.7	8.03	9.55	0.05	
A2	9/24/07	1333	2.0	Flood	3.1	96	125	1757	1.51	21.1	680	19102	3.1	95	131	1838	0.10	9.78	5413	22.4	8.16	9.00	0.37	
A2	12/11/07	1116	0.5	Ebb	2.4	76	86	1206	0.47	6.6	317	8899	3.1	95	98	1369	0.30	6.84	3786	21.4	8.33	6.67	0.19	
A2	1/31/08	1314	0.4	Ebb	1.9	58	89	1244	0.98	13.7	230	6450	2.8	87	120	1678	0.20	9.73	5386	21.1	7.64	6.49	0.30	
A2	2/28/08	1055	0.3	Ebb	3.2	100	132	1855	0.43	6.0	577	16207	2.9	89	130	1815	0.09	10.17	5629	21.0	7.94	6.31	0.10	
A2	4/2/08	1357	1.2	High	1.3	42	59	821	0.73	10.2	309	8677	2.7	84	124	1733	0.13	9.71	5375	21.3	8.08	7.03	0.18	
A2	4/16/08	1428	1.3	Flood	3.1	96	128	1796	0.18	2.5	601	16878	2.6	80	125	1753	0.09	9.88	5469	21.5	8.02	7.95	0.17	
A2	5/23/08	1137	-0.1	Low	2.8	86	130	1820	0.69	9.7	962	27017	2.4	74	139	1951	0.56	10.44	5779	22.4	8.05	7.17		
A2	6/12/08	1009	0.9	Flood	2.4	73	127	1783	0.26	3.6	630	17689	2.4	73	127	1783	0.08	10.43	5773	21.1	8.14	6.43	0.13	
A2	7/18/08	958	-0.1	Low	2.9	89	129.0	1807	0.5	7	623	17503	2.4	74	89	1240	0.03	10.07	5574	21.1	8.07	6.29	0.09	
A2	8/13/08	1129	1.2	Flood	2.8	87	132.2	1852	0.3	4	579	16264					0.22	9.86	5458	22.1	7.96	9.90	0.11	
A2	9/4/08	1151	1.0	Ebb	2.4	73	125.5	1757	0.1	2	545	15294	2.8	88	136	1903	0.06	10.55	5840	21.7	7.90	6.46	0.28	
A2	10/20/08	1144	1.8	Ebb	3.1	95	136.9	1918	0.1	2	569	15974					0.07	10.16	5624	23.3	7.86	7.84	0.15	
A2	11/6/08	1106	1.8	High	3.1	97	130.4	1827	0.2	3	587	16479	2.9	90	136	1909	0.10	10.00	5535	21.3	8.44	7.05	0.59	
A2	1/2/08	1133	0.7	Ebb	4.8	148	155.0	2172	0.1	1	583	16362	3.4	107	133	1858	0.42	10.31	5707	22.3	8.08	7.45	0.04	
A2	1/12/09	1113	0.6	Ebb	3.3	104	146.9	2057	0.1	2	603	16931	0.4	13	132	1852	0.11	9.72	5380	21.9	8.13	7.46	0.35	
A2	2/20/09	1031	0.3	Low	3.0	93	47.0	659	0.2	2	552	15514	2.3	72	144	2022	0.67	10.28	5690	21.5	7.85	7.38	0.25	
A2	3/30/09	1355	0.1	Flood	2.5	77	110.8	1552	0.3	5	387	10877	2.8	86	112	1571	0.12	10.91	6039	22.2	7.81	7.69	0.11	
A2	4/27/09	1340	0.3	Flood	2.9	90	135.6	1900	0.7	10	566	15889	3.6	111	134	1870	0.27	10.69	5917	21.4	8.16	7.57	0.25	
A2	5/14/09	1031	0.4	Flood	3.8	116	131.4	1840	1.0	14	576	16186	3.5	108	128	1788	0.16	10.19	5640	21.4	8.01	7.03	0.02	
A2	6/10/09	931	0.2	Ebb	3.0	92	126.7	1774	0.2	3	527	14808	2.9	89	164	2303	0.06	10.20	5646	22.6	8.70	6.93	0.04	

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Anchialine Pond A2

8/31/1993 - 6/30/2024

Site ID	Date	Time	Tide		PO_4^{3-}		$NO_3^- \& NO_2^-$		$NH_4^+ \& NH_3$		Si		TDP		TDN		Turbidity	Salinity	Chloride	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)	(mg/L)	(˚C)		(ppm)	(µg/L)	(mv)
A2	7/10/09	1020	0.3	Ebb	1.4	43	60.5	847	0.7	11	246	6915	2.1	65	62	871	0.08	10.67	5906	21.6	8.02	7.11	0.03	
A2	8/27/09	1113	1.8	High	1.9	60	74.0	1036	0.6	9	424	11904	2.1	64	77	1080	0.23	9.83	5441	22.3	7.96	7.28	0.24	
A2	9/17/09	1015	0.2	Flood	3.5	108	139.2	1950	0.4	6	387	10872	3.1	97	153	2140	0.37	10.19	5640	22.2	7.62	7.05	0.09	
A2	10/22/09	956	1.9	Ebb	2.5	77	99.1	1389	0.2	3	78	2180	2.4	74	100	1398	0.16	11.26	6233	22.5	7.82	7.40	0.06	
A2	11/19/09	950	1.7	Ebb	3.6	110	79.0	1107	3.2	45	439	12331	3.4	106	87	1216	0.13	11.17	6183	22.3	7.89	6.37	0.02	
A2	12/7/09	758	2.0	High	3.2	99	120.2	1683	0.7	10	452	12692	3.0	93	124	1735	0.02	11.91	6592	21.3	7.84	6.60	0.07	
A2	1/4/10	1338	0.0	Low	3.3	103	116.2	1627	0.5	7	489	13723	3.0	93	118	1652	0.07	11.3	6255	22.0	8.01	7.03	0.20	
A2	2/2/10	1335	-0.2	Low	3.0	92	112.7	1579	0.8	11	556	15620	2.9	89	115	1610	0.08	10.97	6072	22.0	8.00	7.26	0.24	
A2	3/10/10	1251	0.7	High	3.1	97	117.3	1643	0.3	4	353	9906	2.8	88	117	1634	0.11	11.06	6122	22.4	8.08	7.72	0.53	
A2	4/5/10	942	0.4	High	3.4	105	113.2	1586	0.6	9	608	17082	3.2	100	114	1599	0.05	11.53	6382	21.5	8.03	7.99	0.06	
A2	5/12/10	1234	1.5	Flood	3.2	100	120.4	1686	0.5	7	606	17019	3.1	96	121	1691	0.07	10.45	5784	21.5	7.99	8.10	0.02	
A2	6/21/10	950	1.3	Flood	3.3	101	129.7	1817	1.3	19	651	18279	3.3	102	135	1897	0.08	10.65	5895	21.9	7.96	6.36	0.08	
A2	7/12/10	936	-0.1	Low	3.4	104	125.2	1754	1.1	16	623	17488	3.3	103	137	1918	0.23	11.28	6244	23.1	7.82	7.22	0.07	
A2	8/2/10	1231	1.3	Ebb	3.6	113	141.6	1983	0.6	8	651	18272	3.3	101	141	1979	0.13	10.18	5635	22.2	8.02	7.23	0.06	
A2	9/2/10	1044	1.8	Flood	3.4	105	143.7	2013	0.5	7	622	17458	3.3	102	145	2038	0.05	10.58	5856	22.0	7.98	6.40	0.04	
A2	10/19/10	1055	1.1	Flood	3.4	107	140.7	1970	0.8	12	647	18166	3.2	98	137	1913	0.25	10.43	5773	22.5	7.96	6.94	0.08	
A2	11/3/10	944	0.4	Low	3.4	105	130.6	1829	0.4	6	624	17523	3.3	104	135	1896	0.19	10.44	5779	22.2	8.00	6.22	0.09	
A2	12/6/10	923	0.8	Ebb	3.5	108	131.9	1847	0.6	9	668	18766	3.2	98	133	1869	0.07	10.74	5945	21.7	7.91	7.23	0.09	
A2	1/26/11	957	0.8	Ebb	3.6	110	131.1	1836	1.0	14	583	16365	3.3	101	132	1844	0.11	10.90	6033	21.4	7.88	6.64	0.09	
A2	4/13/11	941	0.3	Flood	3.5	108	143.2	2006	0.5	7	666	18707	3.1	95	139	1943	0.12	10.48	5801	22.0	7.94	6.74	0.14	
A2	7/18/11	908	0.7	Ebb	3.6	111	123.6	1731	0.5	7	612	17178	3.4	106	128	1789	0.14	11.34	6277	21.6	7.93	6.22	0.01	
A2	10/5/11	940	1.5	Flood	3.4	105	120.6	1689	1.1	16	594	16673	3.4	105	125	1746	0.02	11.20	6199	22.1	7.84	6.72	0.02	
A2	1/17/12	814	0.7	Flood	3.2	100	119.9	1679	0.5	7	598	16799	3.0	94	125	1745	0.08	11.89	6581	21.3	7.85	7.03	0.00	
A2	4/19/12	1032	0.3	Flood	3.5	108	128.9	1805	0.7	10	614	17241	3.5	108	133	1865	0.03	11.34	6277	21.7	7.90	6.35	0.01	
A2	7/9/12	1103	1.2	Ebb	3.5	109	132.9	1861	1.0	14	607	17043	3.3	101	137	1915	0.02	11.21	6205	22.0	7.94	8.67	0.02	
A2	10/8/12	1030	1.8	High	3.6	110	135.6	1899	0.9	12	624	17520	3.4	105	141	1982	0.07	10.98	6078	22.8	7.91	7.48	0.12	
A2	1/3/13	1033	1.2	Ebb	3.7	114	130.4	1826	0.6	9	590	16561	3.8	117	136	1898	0.02	11.13	6161	21.9	7.98	7.19	0.01	
A2	4/1/13	1013	0.4	Ebb	3.7	114	119.2	1669	1.0	14	587	16480	3.5	109	117	1641	0.03	11.38	6299	21.7	7.86	6.67	0.02	
A2	7/8/13	943	-0.1	Low	3.5	108	123.6	1731	1.4	20	572	16068	3.5	109	143	2002	0.10	11.82	6543	23.2	7.78	7.10	0.00	
A2	10/10/13	1040	1.7	Ebb	3.8	119	126.5	1772	0.8	11	590	16561	3.6	111	126	1769	0.02	11.56	6399	22.7	7.89	6.78	0.08	
A2	1/22/14	849	0.7	High	3.6	111	129.1	1808	0.8	11	591	16597	3.5	108	133	1864	0.02	11.62	6432	21.7	7.91	6.62	0.00	
A2	4/9/14	1025	0.7	Flood	3.2	99	113.6	1591	2.4	34	539	15143	3.0	93	125	1745	0.08	10.69	5917	22.7	7.83	7.19	0.12	
A2	7/16/14	1052	0.5	Ebb	3.8	118	126.0	1765	0.7	10	550	15451	3.5	109	124	1731	0.07	11.18	6188	22.5	7.90	6.94	0.03	
A2	10/1/14	1209	1.5	Ebb	3.5	108	127.9	1791	1.2	17	553	15542	3.5	109	131	1842	0.13	10.58	5856	23.0	7.99	6.83	0.03	
A2	2/3/15	853	0.5	Ebb	4.1	126	139.0	1947	1.3	18	637	17886	4.7	146	149	2085	0.28	11.11	6150	21.8	7.84	7.16	0.01	
A2	5/5/15	1559	2.0	High	4.1	126	139.0	1947	0.1	2	482	13545	2.7	84	140	1958	0.07	10.58	5856	22.2	7.96	6.75	0.05	
A2	7/10/15	1031	1.4	Flood	3.6	111	120.0	1681	0.2	3.2	524	14730	2.8	88	121	1701	0.09	11.40	6310	23.1	7.81	6.82	0.04	
A2	11/5/15	941	1.2	Flood	4.2	129	137.2	1922	0.6	8	559	15695	3.8	117	146	2046	0.09	9.87	5463	23.1	7.89	6.88	0.08	
A2	1/19/16	1000	-0.2	Low	4.3	134	139.9	1960	0.6	8	530	14879	4.2	129	146	2040	0.30	11.09	6139	22.3	7.79	7.31	0.11	

NELHA Water Quality Laboratory

Anchialine Pond A2

8/31/1993 - 6/30/2024

Site ID	Date	Time	Tide		PO_4^{3-}		$NO_3^- \& NO_2^-$		$NH_4^+ \& NH_3$		Si		TDP		TDN		Turbidity	Salinity	Chloride	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)	(mg/L)	(˚C)		(ppm)	(µg/L)	(mv)
A2	4/12/16	1142	0.2	Ebb	4.3	133	126.5	1772	0.1	2	544	15289	4.4	136	128	1799	0.09	10.42	5768	22.4	8.09	7.07	0.06	
A2	7/14/16	1113	1.4	Flood	4.0	123	137.3	1923	0.2	2	538	15118	3.6	112	132	1845	0.10	11.15	6172	22.8	7.96	7.85	0.07	
A2	10/20/16	1041	1.1	Ebb	6.8	212	236.7	3316	0.2	3	948	26615	6.7	209	240	3356	0.04	11.05	6116	22.7	8.14	6.72	0.01	
A2	2/23/17	1041	0.5	Flood	3.9	121	134.2	1880	0.0	0	595	16704	3.8	116	138	1938	0.07	10.16	5624	21.8	8.00	6.92	0.03	
A2	4/10/17	1019	-0.1	Flood	3.9	122	130.9	1833	1.1	15	575	16158	3.6	113	136	1908	0.05	11.05	6116	22.3	7.94	6.48	0.08	
A2	7/13/17	1044	0.3	Low	3.5	110	137.2	1922	0.2	2.9	590	16567	3.5	107	133	1856	0.07	11.19	6194	22.4	7.95	5.47	0.04	
A2	10/12/17	1021	2.0	High	3.5	109	131.4	1841	0.3	4.2	610	17130	3.6	111	136	1902	0.09	10.26	5679	22.9	8.20	6.57	0.02	
A2	1/11/18	1012	1.0	Flood	2.9	91	118.7	1662	0.0	0.7	481	13502	3.5	108	135	1894	0.06	11.17	6183	21.7	8.01	7.06	0.06	
A2	4/24/18	1021	0.7	Flood	3.5	109	134.5	1884	0.3	4.7	577	16200	3.7	114	137	1922	0.08	11.35	6283	22.3	7.93	7.06	0.09	
A2	7/12/18	948	-0.3	Low	4.0	125	130.9	1833	0.1	1.0	563	15817	4.6	144	136	1901	0.05	10.82	5989	23.0	7.85	6.99	0.08	
A2	10/11/18	944	0.6	Ebb	3.6	111	134.5	1884	0.1	1.9	555	15583	3.5	108	137	1913	0.05	10.70	5923	22.9	7.91	5.22	0.04	
A2	1/15/19	942	1.3	High	3.7	114	128.8	1804	0.0	0.5	519	14583	3.6	113	138	1935	0.05	11.46	6343	21.8	7.96	7.04	0.04	
A2	4/25/19	928	0.5	Ebb	4.0	123	148.0	2074	0.0	0.0	594	16687	3.8	117	151	2121	0.09	10.66	5901	22.4	7.86	6.90	0.06	
A2	7/17/19	925	-0.1	Low	4.4	137	146.1	2047	0.0	0.0	598	16783	4.0	123	138	1936	0.07	10.86	6011	22.8	7.95	6.95	0.06	
A2	10/8/19	1009	1.2	Flood	3.9	120	187.8	2630	0.1	1.7	572	16053	3.6	112	194	2721	0.06	11.03	6105	23.1	8.00	7.61	0.03	
A2	1/9/20	952	0.4	Low	4.2	130	165.4	2317	0.5	7.5	593	16667	4.0	124	166	2329	0.08	12.16	6731	22.3	7.94	6.15	0.01	
A2	5/21/20	1110	0.5	Flood	3.6	111	139.6	1955	0.2	2.7	548	15396	3.5	109	155	2175	0.06	10.85	6006	23.3	7.93	7.05	0.08	
A2	7/14/20	1017	0.4	High	4.6	142	156.0	2185	0.5	6	582	16337	3.6	112	156	2186	0.07	10.20	5646	22.9	7.97	7.16	0.06	
A2	10/14/20	1001	0.2	Flood	4.2	129	151.2	2117	0.5	7	566	15902	3.6	111	155	2168	0.07	11.18	6188	23.1	7.84	7.50	0.11	
A2	1/14/21	921	0.9	Ebb	4.6	143	145.5	2038	0.1	2	533	14963	3.5	109	144	2022	0.13	11.48	6354	22.1	7.86	7.33	0.01	
A2	4/13/21	957	-0.2	Low	3.6	113	154.4	2162	0.1	2	511	14356	3.6	111	144	2016	0.04	11.47	6349	22.2	7.82	7.52	0.05	
A2	7/1/21	1416	0.7	Low	3.6	112	158.1	2214	0.2	3	567	15922	3.8	117	153	2140	0.08	11.78	6521	22.3	7.90	7.76	0.02	
A2	10/19/21	1316	1.7	High	3.6	112	140.0	1961	0.3	5	543	15237	3.2	98	140	1961	0.10	11.69	6471	23.1	7.89	7.78	0.03	
A2	2/3/22	931	0.8	Ebb	3.4	106	136.9	1918	0.2	2.8	525	14738	3.5	107	150	2103	0.07	11.61	6426	21.7	7.79	7.63	0.02	
A2	4/12/22	1040	0.5	Flood	3.2	100	137.2	1922	0.2	2.7	544	15271	3.2	100.2	153	2146	0.15	11.86	6565	23.1	7.94	9.38	0.50	
A2	7/21/22	1041	1.5	High	2.8	86	138.8	1944	0.4	5	521	14634	3.1	95	147	2057	0.13	11.21	6205	22.8	8.09	8.51	0.26	
A2	10/12/22	942	0.2	Low	3.7	115	153.3	2147	0.2	3	535	15018	3.7	113	156	2185	0.10	10.85	6006	22.6	7.90	7.52	0.11	
A2	1/17/23	958	1.0	High	3.6	110	144.5	2024	0.4	5.7	521	14623	3.4	105	154	2157	0.05	10.43	5773	21.7	7.88	7.75	0.13	
A2	4/21/23	1009	-0.2	Flood	3.0	94	159.0	2227	0.2	2.50	554	15548	3.2	99.7	158	2216.8	0.10	11.050	6116	23.1	7.91	8.21	0.25	
A2	7/12/23	1541	1.4	Ebb	3.7	116	164.2	2300	0.3	4	571	16038	3.0	93	159	2222	0.31	9.92	5491	23.4	7.94	8.13	0.05	
A2	10/24/23	1532	1.5	Ebb	3.3	103	173.8	2434	0.5	7	580	16304	3.5	108	168	2354	0.24	9.70	5369	23.3	7.92	7.93	0.08	
A2	1/11/24	1427	1.0	High	3.5	108	165.3	2316	0.3	3.8	544	15286	3.7	114	170	2386	0.24	10.16	5624	22.7	7.93	8.59	0.26	136.6
A2	4/2/24	1454	0.1	Low	3.1	95	167.2	2342	0.5	6.80	563	15824	3.1	94.7	161	2255.2	0.33	10.30	5701	22.0	7.92	8.12	0.07	240.0
Mean			0.74		3.44	107	125.6	1759	0.48	7	592	16639	3.37	104.4	130.2	1,824	0.11	9.77	5,406	22.0	7.98	7.57	0.08	188.3
Std. Dev.			1		0.60	18	23.9	335	0.53	7	106	2982	0.58	18.0	21.3	298	0.11	1.55	855	0.7	0.12	0.83	0.11	73.1
Maximum			2.00		6.8	212	237	3316	3.2	45	962	27017	6.7	209	240	3,356	0.67	12.16	6,731	25.2	8.70	9.90	0.75	240.0
Minimum			-0.3		1.35	42	10.0	140	0.00	0	77.6	2180	0.4	12.8	62	871	0.02	6.35	3,515	20.6	7.62	5.03	0.00	136.6
n			150		148	148	148	148	148	148	148	148	146	146	146	146	148	148	148	150	148	148	147	2