NELHA Water Quality Laboratory

Anchialine Pond A3

7/9/2012 - 2/19/2025

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	OPR
	M/D/Y	(2400)	(ft)	cycle	(µM)	(µg P/L)	(µM)	(µg N/L)	(µM)	(µg Si/L	(µM)	(µg Si/L)	(µM)	(µg P/L)	(µM)	(µg N/L)	(NTU)	(PSU)	(mg/L)	(˚C)	(unit)	(ppm)	(µg/L)	(mV)
A3	7/9/12	1111	1.2	Ebb	3.3	102	92.9	1301	0.8	10.7	562	15780	3.1	97	98.2	1376	0.39	13.76	7617	22.0	7.97	7.83	0.07	
A3	10/8/12	1035	1.8	High	3.4	106	97.5	1366	2.4	34.3	589	16537	3.4	106	103.7	1453	0.60	11.82	6543	22.0	7.94	7.30	0.32	
A3	1/3/13	1039	1.2	Ebb	3.5	107	94.1	1318	1.3	17.7	553	15523	3.5	108	100.2	1403	0.10	12.56	6952	20.9	7.99	7.90	0.04	
A3	4/1/13	1019	0.4	Ebb	3.6	110	95.7	1341	1.2	17.1	549	15431	3.4	104	96.0	1345	2.79	12.91	7146	20.9	7.84	6.90	0.12	
A3	7/8/13	950	-0.1	Low	3.3	102	92.6	1297	1.61	22.5	565	15859	3.26	101	103	1441	5.62	13.08	7240	22.6	7.68	7.44	1.21	
A3	10/10/13	1047	1.7	Ebb	3.2	100	92.5	1295	1.20	16.8	529	14871	3.06	95	92	1287	0.31	12.89	7135	23.6	7.94	7.85	0.19	
A3	1/22/14	855	0.7	High	3.3	102	104.0	1457	0.9	12	552	15512	3.3	101	107	1501	0.02	12.85	7113	21.0	7.97	7.04	0.03	
A3	4/9/14	1014	0.7	Flood	3.1	97	99.5	1393	2.3	32	513	14415	2.9	89	108	1511	0.05	12.84	7107	21.0	7.85	7.30	0.02	
A3	7/16/14	1058	0.5	Ebb	3.4	104	98.6	1381	1.58	22.1	503	14121	3.32	103	97	1353	0.18	13.59	7522	21.9	7.86	7.59	0.07	
A3	10/15/14	1218	1.5	Ebb	2.9	90	93.2	1306	0.79	11.1	494	13861	3.12	97	102	1428	0.41	14.60	8081	25.4	7.87	6.61	0.09	
A3	2/3/15	909	0.5	Ebb	3.9	122	120.2	1683	1.5	21	594	16682	4.2	129	118	1659	0.24	12.38	6853	20.3	7.73	7.21	0.04	
A3	5/5/15	1608	2.0	High	3.7	115	110.4	1547	1.1	16	430	12082	3.2	99	115	1616	0.58	12.94	7163	22.8	7.96	7.97	0.13	
A3	7/10/15	1044	1.4	Flood	3.5	109	105.0	1471	0.8	12	477	13411	3.7	116	109	1527	0.23	12.54	6941	21.5	7.77	8.01	0.04	
A3	11/5/15	935	1.2	Flood	3.7	115	115.4	1616	0.91	12.7	506	14218	3.61	112	123	1729	0.30	11.77	6515	21.7	7.72	7.03	0.13	
A3	1/19/16	1014	-0.2	Low	4.0	124	127.1	1781	0.6	9	486	13639	4.0	123	133	1858	0.61	12.31	6814	20.7	7.83	7.68	0.18	
A3	4/12/16	1154	0.2	Ebb	4.1	126	103.5	1450	0.7	10	479	13443	6.2	191	119	1673	2.33	12.72	7041	20.8	7.97	7.67	0.25	
A3	7/14/16	1126	1.4	Flood	3.4	107	101.2	1417	0.3	5	458	12876	3.2	100	102	1434	0.31	15.51	8585	22.7	7.97	6.88	0.19	
A3	10/20/16	1047	1.0	Ebb	6.3	196	174.4	2444	1.8	26	833	23391	7.2	222	182	2556	0.32	13.42	7428	24.3	8.04	6.80	0.26	
A3	2/23/17	1034	0.5	Flood	3.5	109	103.1	1444	0.3	4	528	14834	3.6	112	109	1531	0.26	12.00	6642	20.0	7.90	7.25	0.02	
A3	4/10/17	1013	-0.1	Flood	3.4	104	107.3	1503	0.8	12	527	14800	3.4	106	110	1545	0.29	13.44	7439	20.7	7.87	6.79	0.01	
A3	7/13/17	1056	0.3	Low	3.2	98	102.1	1430	0.5	7	515	14466	3.0	93	98	1377	0.14	13.65	7556	21.1	7.87	5.22	0.01	
A3	10/12/17	1032	2.0	High	3.2	98	101.7	1424	0.8	11	533	14961	3.2	98	105	1474	0.20	12.22	6764	21.9	7.77	6.45	0.01	
A3	1/11/18	1023	1.0	Flood	2.5	77	94.4	1322	0.7	10	442	12411	3.1	95	105	1474	0.11	12.31	6814	19.9	7.89	7.04	0.02	
A3	4/24/18	1033	0.8	Flood	3.3	101	104.0	1457	0.4	6	513	14412	3.4	107	107	1495	0.15	13.23	7323	20.0	7.84	7.20	0.01	
A3	7/12/18	1005	-0.3	Low	3.5	109	100.7	1411	0.5	7	493	13850	3.6	112	102	1432	0.18	13.07	7235	21.1	7.74	6.91	0.06	
A3	10/11/18	956	0.6	Ebb	3.3	102	101.2	1417	0.6	9	503	14139	3.2	101	103	1444	0.18	13.49	7467	21.5	7.72	4.90	0.05	
A3	1/15/19	1013	1.3	High	3.4	106	106.2	1488	0.4	5	473	13292	3.3	103	113	1580	0.21	12.86	7118	20.4	7.88	7.00	0.02	
A3	4/25/19	934	0.5	Ebb	3.5	110	103.1	1444	0.4	6	498	13977	3.5	109	111	1562	0.22	12.40	6864	20.7	7.67	7.03	0.09	
A3	7/17/19	959	0.0	Flood	3.9	120	100.6	1409	0.3	4	528	14833	3.6	113	100	1398	0.64	13.53	7489	21.5	7.90	7.49	0.17	
A3	10/8/19	1020	1.3	Flood	3.6	112	134.5	1884	1.0	15	530	14887	3.5	107	143	2001	0.42	12.45	6891	21.7	7.89	7.22	0.10	
A3	1/9/20	1005	0.4	Low	3.8	119	121.9	1708	0.7	11	541	15181	3.7	115	122	1713	0.27	13.59	7522	20.7	7.89	6.75	0.02	
A3	5/21/20	1121	0.5	Flood	3.3	102	103.6	1451	0.8	11	505	14193	3.3	103	118	1653	1.73	11.73	6493	21.6	7.91	7.92	0.85	
A3	7/14/20	1054	0.4	High	4.0	122	106.0	1484	0.3	4	457	12846	3.4	105	115	1608	0.44	10.70	5923	21.7	7.86	7.18	0.17	
A3	10/14/20	1010	0.2	Flood	3.8	117	117.8	1650	0.6	8	534	15010	3.3	102	114	1590	0.78	12.07	6681	21.7	7.84	7.74	0.29	
A3	1/14/21	934	0.9	Ebb	4.9	153	126.1	1766	2.4	33	505	14189	3.8	119	127	1778	0.65	12.09	6692	21.3	7.80	6.89	0.18	
A3	4/13/21	1007	-0.2	Low	3.3	104	105.1	1472	3.1	44	504	14148	3.3	102	115	1612.0	0.59	12.38	6853	21.2	7.83	7.86	0.19	
A3	7/1/21	1432	0.7	Low	2.9	90	105.4	1477	1.1	15	518	14536	3.0	93	107	1494	0.40	13.11	7257	21.9	7.99	8.89	0.18	
A3	10/19/21	1328	1.5	Flood	3.2	98	99.4	1392	1.1	15	493	13860	3.2	99	103	1442	1.01	12.82	7096	22.3	7.93	8.84	0.13	
A3	2/3/22	1023	0.3	Ebb	3.3	101	102.3	1432	0.8	11	507	14245	3.3	102	111	1553	0.68	12.35	6836	21.0	7.87	7.83	0.15	

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Anchialine Pond A3

7/9/2012 - 2/19/2025

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	OPR
	M/D/Y	(2400)	(ft)	cycle	(µM)	(µg P/L)	(µM)	(µg N/L)	(µM)	(µg Si/L	(µM)	(µg Si/L)	(µM)	(µg P/L)	(µM)	(µg N/L)	(NTU)	(PSU)	(mg/L)	(˚C)	(unit)	(ppm)	(µg/L)	(mV)
A3	4/12/22	1053	0.7	Flood	3.0	94	121.2	1698	0.5	7	557	15639	3.2	98	114	1600	0.25	11.86	6565	21.7	7.98	9.42	0.19	
A3	7/21/22	1107	1.5	High	2.9	90	109.7	1536	1.2	17	532	14937	3.0	94	119	1668	0.51	12.03	6659	23.4	7.98	8.44	0.27	
A3	10/12/22	936	0.2	Low	4.2	130	115.3	1615	3.9	54	531	14920	4.2	132	119	1667	0.23	11.89	6581	23.5	7.89	7.24	0.20	
A3	1/17/23	951	1.0	High	3.3	102	116.4	1630	0.8	11	533	14963	3.3	102	116	1621	0.33	10.82	5989	20.6	8.01	8.14	0.10	
A3	4/21/23	1000	-0.2	Flood	3.0	94	107.7	1508	0.3	5	506	14220	3.0	94	108	1518.0	1.85	13.14	7273	20.4	7.94	8.29	1.50	
A3	7/12/23	1535	1.4	Ebb	3.1	95	107.8	1510	1.0	13	632	17746	3.0	93	109	1520	0.45	12.06	6676	25.0	7.99	9.45	0.07	
A3	10/24/23	1603	1.3	Ebb	3.1	96	119.3	1671	1.5	21	536	15062	3.1	97	127	1780	0.79	10.50	5812	24.7	8.07	9.60	0.25	
A3	1/11/24	1438	1.0	High	3.2	100	119.1	1668	0.6	8	510	14328	3.4	106	125	1754	0.48	10.36	5735	21.7	7.96	8.42	0.14	138.6
A3	4/2/24	1448	0.1	Low	3.0	93	114.3	1602	1.0	13	511	14348	2.9	91	120	1686.4	0.65	10.74	5945	21.4	8.05	8.70	0.14	234.6
Mean			0.76		3.48	108	108.2	1516	1.04	15	524	14727	3.49	108.2	112.6	1577	0.63	13	6958	21.72	7.89	8	0.2	186.6
Std. Dev.			1		0.59	18	14.0	196	0.74	10	59	1655	0.74	22.8	14.5	204	0.92	1	551	1.29	0.10	1	0.28	67.9
Maximum			2.00		6.3	196	174	2444	3.9	54	833	23391	7.2	222	182	2556	5.62	16	8585	25.4	8.07	10	1.5	234.6
Minimum			-0.30		2.49	77	92.45	1295	0.26	4	430	12082	3	88.6	92	1287	0.02	10	5735	19.93	7.67	5	0.01	138.6
n			48		48	48	48	48	48	48	48	48	48	48	48	48	48.00	48	48	48	48	48	48	2.0