

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1989 - 12/31/2025

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	6/23/89				2.47 77	66.5 931	0.38 5.3		20.6	7.793	21.032	11642	6.66		
W6A	-5.18	8/9/89	1428			3.17 98	70.4 986	0.50 7.0		20.5	7.698	20.623	11415	7.22		
W6A	-5.18	8/15/89	1147			2.93 91	63.9 894	0.42 5.9		20.6	7.720	20.108	11130	6.56		
W6A	-5.18	8/22/89	1120			3.11 96	74.7 1046	0.50 7.0		20.0	7.771	20.637	11423	6.96		
W6A	-5.18	8/28/89	1405			3.17 98	65.7 921	0.50 7.0		20.2	7.743	22.593	12506	6.97		
W6A	-5.18	8/28/89	1405			3.17 98	65.7 921	0.50 7.0								
W6A	-5.18	10/27/89	1128			3.29 102	66.4 930	0.04 0.6	431 12105	20.9	7.839	19.747	10930	6.27		
W6A	-5.18	11/15/89	908			3.17 98	67.6 947	0.00 0.0	398 11178	20.1	7.617	21.706	12015	7.49		
W6A	-5.18	12/8/89	1125			2.92 90	67.9 951	0.10 1.4	408 11459	20.9	7.810	20.615	11411	7.26		
W6A	-5.18	1/10/90	1031			2.42 75	64.4 902	0.00 0.0	441 12386	21.1	7.998	20.315	11245	6.59		
W6A	-5.18	2/13/90	1135			2.92 90	70.3 985	0.02 0.3	374 10504	21.0	7.922	20.473	11332	6.94		
W6A	-5.18	3/5/90	1346			2.65 82	89.9 1259	0.05 0.7	403	20.7	7.966	18.133	10037	6.44		
W6A	-5.18	4/4/90	1010			3.16 98	70.9 993	0.49 6.9	454 12751	20.2	8.051	20.365	11273	6.43		
W6A	-5.18	5/16/90	1215			2.94 91	65.0 910	0.00 0.0	381 10701	21.4	7.978	20.416	11301	6.92		
W6A	-5.18	6/17/90	1442			3.32 103	58.9 825	0.25 3.5	339 9521	21.2	8.000	23.706	13122	5.86		
W6A	-5.18	7/12/90	1227			3.33 103	62.7 878	0.00 0.0	384 10785	22.5	7.996	21.152	11708	6.39		
W6A	-5.18	8/7/90	1202			3.50 108	70.8 992	0.13 1.8	391 10981	22.1	7.985	20.901	11569	6.22		
W6A	-5.18	9/5/90	1353			4.27 132	68.0 952	0.00 0.0		22.4	7.920	21.716	12020	6.22		
W6A	-5.18	10/4/90	1505			4.33 134	69.4 972	0.11 1.5	404 11347	22.2	7.898	21.585	11948	5.72		
W6A	-5.18	10/31/90	1205			3.73 116	67.1 940	0.09 1.3	483 13565	22.1	7.873	21.818	12077	5.68		
W6A	-5.18	12/7/90	1425			2.17 67	59.9 839	0.00 0.0	396 11122	22.3	7.882	20.070	11109	6.47		
W6A	-5.18	1/9/91	855			3.79 117	73.4 1028	0.05 0.7	361 10139	21.4	7.860	21.958	12154	6.18		
W6A	-5.18	2/5/91	940			3.91 121	62.1 870	0.36 5.0	317 8903	20.9	7.899	20.546	11373	6.54		
W6A	-5.18	3/6/91	937			4.19 130	83.6 1171	0.11 1.5	381 10701	20.6	7.936	20.770	11497	6.59		
W6A	-5.18	4/2/91	1036			3.92 121	72.7 1018	0.25 3.5	354 9942	20.6	7.910	20.404	11294	6.61		
W6A	-5.18	5/21/91	952			3.80 118	35.9 503	0.07 1.0	254 7134	20.7	7.886	22.873	12661	6.62		
W6A	-5.18	6/25/91	936			2.65 82	62.4 874	0.22 3.1	279 7836	20.9	7.923	21.009	11629	6.62		
W6A	-5.18	7/23/91	1037			3.70 115	63.8 894	0.22 3.1	366 10279	21.0	7.914	22.036	12197	6.55		
W6A	-5.18	8/22/91	905			3.74 116	77.7 1088	0.09 1.3	386 10841	21.4	7.899	21.749	12039	6.56		
W6A	-5.18	9/23/91	1010			3.97 123	62.0 868	0.12 1.7	381 10701	21.8	7.888	20.602	11404	6.50		
W6A	-5.18	10/22/91	1011			5.00 155	69.5 973	0.07 1.0	497 13958	21.9	7.854	21.661	11990	6.46		
W6A	-5.18	11/19/91	1104			4.80 149	69.7 976	0.07 1.0	410 11515	21.7	7.835	22.677	12552	6.35		
W6A	-5.18	12/10/91	957			4.40 136	65.1 912	0.08 1.1	359 10083	21.4	7.819	23.883	13220	6.26		
W6A	-5.18	1/28/92	935			4.28 133	66.8 936	0.00 0.0	340 9549	20.7	7.828	24.322	13463	6.58		
W6A	-5.18	2/18/92	905			4.02 125	67.5 945	0.00 0.0	332 9324	20.7	7.836	22.691	12560	6.50		

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1989 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	3/16/92	1003			3.98 123	68.9 965	0.00 0.0	584 16402	20.2	7.833	22.247	12314	6.39		
W6A	-5.18	4/7/92	931			4.01 124	66.2 927	0.13 1.8	408 11459	20.8	7.824	22.673	12550	6.40		
W6A	-5.18	5/5/92	936			4.29 133	67.7 948	0.21 2.9	387 10869	20.9	7.812	22.422	12411	6.23		
W6A	-5.18	6/22/92	925			4.26 132	69.0 966	0.22 3.1	389 10925	21.5	7.752	23.151	12815	6.23		
W6A	-5.18	7/28/92	901			4.29 133	78.5 1100	ND 0.0	352 9886	21.8	7.735	22.710	12571	6.00		
W6A	-5.18	8/25/92	840			5.06 157	74.5 1044	0.11 1.5	414 11627	21.9	7.739	22.483	12445	5.56		
W6A	-5.18	9/21/92	903			4.72 146	77.0 1078	0.13 1.8	327 9184	22.8	7.771	24.600	13617	5.20		
W6A	-5.18	10/26/92	916			4.68 145	71.9 1007	0.23 3.2	383 10757	22.8	7.711	24.278	13439	5.48		
W6A	-5.18	11/16/92	935			4.63 143	69.6 974	0.26 3.6	360 10111	22.4	7.719	24.915	13791	5.38		
W6A	-5.18	12/7/92	927			4.72 146	73.7 1032	0.15 2.1	381 10701	22.3	7.731	23.241	12864	5.63		
W6A	-5.18	1/25/93	924			4.32 134	71.2 997	0.24 3.4	239 6698	21.7	7.786	23.148	12813	5.89		
W6A	-5.18	2/22/93	854			4.14 128	56.6 793	0.33 4.6	272 7645	21.1	7.805	23.964	13265	5.85		
W6A	-5.18	3/15/93	851			4.13 128	63.2 885	0.20 2.8	381 10709	21.0	7.824	23.332	12915	6.32		
W6A	-5.18	4/26/93	856			4.03 125	62.2 872	0.01 0.1	380 10672	21.4	7.785	23.681	13108	5.72		
W6A	-5.18	5/24/93	911			3.98 123	63.2 885	0.20 2.8	403 11318	21.6	7.796	22.518	12464	5.91		
W6A	-5.18	6/21/93	913			3.90 121	63.6 890	0.12 1.7	304 8538	21.9	7.804	22.468	12437	5.89		
W6A	-5.18	8/30/93	1010			3.81 118	64.7 906	0.06 0.8	420 11787	22.7	7.776	21.639	11978	5.79		
W6A	-5.18	10/25/93	858			3.92 121	62.4 874	0.11 1.5	375 10532	23.1	7.784	22.943	12700	5.38		
W6A	-5.18	2/7/94	1131			3.85 119	55.6 779	0.14 2.0	213 5982	16.7	7.656	28.877	15984	5.49		
W6A	-5.18	6/20/94	840			3.74 116	58.1 813	0.04 0.6	346 9721	22.6	7.807	22.821	12632	5.36		
W6A	-5.18	8/22/94	953			3.53 109	56.0 784	0.04 0.6	369 10373	22.8	7.822	23.854	13204	5.63		
W6A	-5.18	10/24/94	931			3.75 116	62.0 868	0.03 0.4	322 9043	23.4	7.814	23.918	13239	5.31		
W6A	-5.18	1/23/95	1006			3.66 113	53.4 748	0.05 0.7	224 6286	22.5	7.810	23.375	12939	5.53		
W6A	-5.18	2/13/95	956			3.65 113	53.0 742	0.29 4.1	340 9535	22.1	7.813	23.024	12744	5.55		
W6A	-5.18	3/13/95	1033			3.56 110	56.1 786	0.05 0.7	410 11507	21.9	7.811	23.678	13106	5.49		
W6A	-5.18	4/24/95	926			3.36 104	55.8 782	0.15 2.1	326 9142	21.9	7.817	24.094	13337	5.64		
W6A	-5.18	5/8/95	923			3.39 105	62.7 878	0.30 4.2	317 8895	22.2	7.841	23.292	12893	5.63		
W6A	-5.18	6/19/95	1001			3.38 105	54.6 765	0.30 4.2	306 8600	22.6	7.779	24.769	13710	5.98		
W6A	-5.18	7/24/95	931			3.18 98	59.6 834	0.23 3.2	339 9513	23.0	7.851	22.865	12656	5.93		
W6A	-5.18	8/21/95	1019			3.17 98	54.7 766	0.40 5.6	350 9838	23.4	7.820	24.384	13497	5.59		
W6A	-5.18	9/11/95	825			3.16 98	52.0 729	0.23 3.2	313 8802	23.5	7.882	24.450	13534	5.95		
W6A	-5.18	10/16/95	900			3.23 100	54.5 764	0.30 4.2	323 9066	23.5	7.893	23.806	13177	5.78		
W6A	-5.18	11/6/95	845			5.54 172	68.5 959	0.43 6.0	332 9319	23.6	7.870	23.631	13080	5.61		
W6A	-5.18	12/4/95	905			6.48 201	66.6 932	0.14 2.0	321 9001	23.4	7.842	23.805	13177	5.65		
W6A	-5.18	1/29/96	1028			5.30 164	84.6 1185	0.04 0.6	320 8996	22.1	7.843	23.663	13098	5.86		

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6/23/1989 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	2/26/96	1030			5.47 169	91.6 1283	0.23 3.2	330 9273	22.4	7.826	23.743	13142	6.02		
W6A	-5.18	3/5/96	916			6.94 215	101.6 1423	0.37 5.2	308 8642	22.2	7.817	23.712	13125	6.09		
W6A	-5.18	4/1/96	935			7.31 226	129.3 1811	0.41 5.7	313 8784	22.2	7.813	23.118	12796	6.01		
W6A	-5.18	5/8/96	936			11.71 363	129.7 1817	0.20 2.8	315 8843	22.6	7.809	23.260	12875	5.53		
W6A	-5.18	6/17/96	934			8.09 251	125.5 1758	0.24 3.4	322 9029	22.3	7.801	24.313	13458	5.57		
W6A	-5.18	7/16/96	922			6.76 209	112.7 1578	0.27 3.8	308 8648	23.0	7.824	24.465	13542	5.82		
W6A	-5.18	8/5/96	1035			5.94 184	91.1 1276	0.35 4.9	277 7782	23.0	7.837	25.670	14209	5.92		
W6A	-5.18	9/3/96	934			5.48 170	98.7 1382	0.19 2.7	311 8721	23.6	7.837	25.544	14139	5.84		
W6A	-5.18	10/8/96	953			5.49 170	113.0 1583	0.26 3.6	314 8812	23.5	7.844	24.707	13676	4.66		
W6A	-5.18	11/4/96	1017			5.01 155	112.1 1569	0.29 4.1	267 7511	23.8	7.846	25.164	13929	4.17		
W6A	-5.18	12/16/96	935			5.24 162	97.0 1358	0.30 4.2	286 8026	23.3	7.880	25.764	14261	5.91		
W6A	-5.18	1/13/97	1009			5.54 172	109 1532	0.13 1.8	272 7625	23.1	7.869	24.419	13517	6.09		
W6A	-5.18	2/10/97	935			5.50 170	121 1689	0.16 2.2	266 7462	22.5	7.902	24.988	13832	6.11		
W6A	-5.18	3/10/97	924			5.19 161	132 1846	0.22 3.1	296 8313	22.2	7.912	23.826	13188	5.71		
W6A	-5.18	4/22/97	1003			4.82 149	107 1495	0.34 4.8	302 8476	22.5	7.923	22.722	12577	5.90		
W6A	-5.18	5/27/97	925			4.85 150	108 1516	0.07 1.0	263 7398	21.2	7.880	25.256	13980	5.74		
W6A	-5.18	6/16/97	940			4.50 139	87 1219	0.31 4.3	287 8046	21.7	7.924	24.707	13676	5.77		
W6A	-5.18	7/16/97	847			4.50 139	89 1242	0.10 1.4	282 7912	22.0	7.921	24.554	13591	5.58		
W6A	-5.18	8/25/97	932			4.04 125	67 943	0.25 3.5	261 7336	23.7	8.016	26.925	14904	5.65		
W6A	-5.18	9/22/97	914			4.67 145	68 947	0.23 3.2	255 7173	24.3	8.064	25.750	14253	5.57		
W6A	-5.18	10/14/97	927			6.74 209	115 1605	0.34 4.8	272 7645	24.3	8.019	24.686	13664	5.64		
W6A	-5.18	11/3/97	1045			6.14 190	79.3 1111	0.29 4.1	262 7358	24.2	7.984	25.487	14108	5.82		
W6A	-5.18	12/15/97	950			5.59 173	83.9 1175	0.11 1.5	257 7224	23.7	7.980	25.981	14381	4.95		
W6A	-5.18	1/5/98	1053			5.53 171	77.5 1086	0.07 1.0	225 6330	23.0	7.956	27.282	15101	5.30		
W6A	-5.18	2/2/98	957			6.05 187	78.2 1096	0.21 2.9	243 6828	21.7	7.926	26.834	14853	4.99		
W6A	-5.18	3/9/98	954			7.64 237	104.0 1457	0.29 4.1	269 7561	21.5	7.734	25.069	13876	4.92		
W6A	-5.18	4/13/98	904			6.05 187	86 1203	0.15 2.1	273 7656	21.5	7.777	25.358	14036	5.21		
W6A	-5.18	5/11/98	934			6.16 191	93 1309	0.22 3.1	273 7676	21.8	7.738	24.806	13731	4.68		
W6A	-5.18	6/1/98	932			6.11 189	78.8 1103	0.14 2.0	267 7493	21.9	7.719	25.472	14099	5.17		
W6A	-5.18	7/13/98	940			5.42 168	66 929	0.11 1.5	263 7372	21.5	7.690	26.168	14485	5.22		
W6A	-5.18	8/10/98	957			5.45 169	71.5 1001	0.17 2.4	273 7679	21.9	7.607	25.944	14361	4.85		
W6A	-5.18	9/14/98	948			5.06 157	56.5 791	0.16 2.2	206 5777	22.4	7.729	29.696	16438	5.05		
W6A	-5.18	10/12/98	855			4.55 141	61.4 860	0.04 0.6	235 6603	22.9	7.715	28.082	15544	5.63		
W6A	-5.18	11/2/98	917			5.26 163	78.3 1097	0.08 1.1	263 7392	23.0	7.700	26.178	14490	6.74		
W6A	-5.18	12/15/98	918			5.09 158	81.6 1143	0.12 1.7	226 6347	23.0	7.730	25.021	13850	5.25		

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6/23/1989 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	1/11/99	935			4.56 141	79 1108	0.18 2.5	251 7035	22.6	7.729	26.028	14407	5.41		
W6A	-5.18	2/2/99	930			5.06 157	95 1331	0.21 2.9	262 7344	21.9	7.736	25.230	13965	5.30		
W6A	-5.18	3/1/99	935			5.33 165	81.3 1139	0.03 0.4	281 7884	21.5	7.650	24.558	13593	5.29		
W6A	-5.18	4/5/99	933			5.02 155	70.1 982	0.14 2.0	261 7328	21.1	7.667	26.196	14500	5.15		
W6A	-5.18	5/3/99	933			5.14 159	70.6 989	0.15 2.1	284 7968	21.0	7.614	24.767	13709	4.64		
W6A	-5.18	6/1/99	925			4.73 147	67.7 948	0.34 4.8	277 7780	21.3	7.605	25.670	14209	4.92		
W6A	-5.18	7/14/99	928			4.89 151	81.1 1136	0.05 0.7	287 8049	21.9	7.589	25.520	14126	4.95		
W6A	-5.18	8/23/99	954			4.98 154	75.0 1051	0.24 3.4	271 7597	22.5	7.647	26.337	14578	4.88		
W6A	-5.18	9/7/99	944			5.10 158	76.2 1067	0.06 0.8	267 7485	22.4	7.640	27.362	15146	4.90		
W6A	-5.18	10/5/99	933			5.36 166	83.5 1170	0.02 0.3	265 7434	22.3	7.581	26.739	14801	4.58		
W6A	-5.18	11/1/99	1000			5.12 159	81.2 1137	0.07 1.0	265 7437	22.3	7.610	26.676	14766	4.58		
W6A	-5.18	12/14/99	951			6.58 204	93.5 1310	0.09 1.3	231 6496	21.9	7.624	27.990	15493	3.45		
W6A	-5.18	1/10/00	1017			7.71 239	95.0 1331	0.14 2.0	259 7260	21.8	7.567	25.842	14304	4.07		
W6A	-5.18	2/7/00	1012			7.72 239	96.0 1345	0.21 2.9	265 7448	21.5	7.595	25.296	14002	4.00		
W6A	-5.18	3/21/00	1015			6.85 212	83.0 1163	0.09 1.3	263 7375	21.2	7.638	25.729	14242	4.30		
W6A	-5.18	4/10/00	1044			7.95 246	95.3 1335	0.03 0.4	257 7226	21.1	7.627	25.762	14260	4.23		
W6A	-5.18	5/15/00	955			8.01 248	94.5 1324	0.17 2.4	253 7114	21.2	7.614	26.657	14755	3.90		
W6A	-5.18	6/5/00	956			7.63 236	89.3 1251	0.03 0.4	252 7080	21.1	7.584	26.941	14913	4.50		
W6A	-5.18	7/26/00	1022			8.44 261	97.0 1359	0.03 0.4	243 6819	22.7	7.580	27.217	15065	4.19		
W6A	-5.18	8/29/00	925			9.07 281	105 1471	0.11 1.5	254 7120	22.1	7.494	26.571	14708	3.73		
W6A	-5.18	9/5/00	951			8.73 270	96.9 1357	0.06 0.8	227 6361	22.1	7.528	28.339	15686	3.95		
W6A	-5.18	10/24/00	956			9.47 293	96.8 1355	0.16 2.2	264 7403	22.6	7.518	27.810	15394	3.94		
W6A	-5.18	11/13/00	937			8.17 253	123 1720	0.28 3.9	245 6892	22.7	7.504	26.531	14686	3.85		
W6A	-5.18	12/18/00	939			8.40 260	191 2668	0.20 2.8	226 6356	22.4	7.549	27.756	15364	3.89		
W6A	-5.18	1/22/01	943			8.24 255	115 1615	0.02 0.3	245 6881	21.6	7.495	27.274	15097	3.94		
W6A	-5.18	2/5/01	1002			7.92 245	129 1810	0.20 2.8	251 7055	21.4	7.510	27.218	15066	3.96		
W6A	-5.18	3/5/01	953			7.18 222	108 1513	0.04 0.6	242 6794	21.2	7.503	26.576	14711	3.58		
W6A	-5.18	4/17/01	937			7.54 234	102 1422	0.05 0.7	245 6889	21.0	7.485	26.697	14777	3.90		
W6A	-5.18	5/15/01	935			7.46 231	94.0 1317	0.16 2.2	264 7412	21.0	7.495	26.297	14556	4.69		
W6A	-5.18	6/12/01	934			6.94 215	96.9 1358	0.07 1.0	249 7002	21.3	7.523	26.015	14400	4.79		
W6A	-5.18	7/23/01	944			6.81 211	91.1 1276	0.06 0.8	256 7198	21.7	7.490	27.133	15019	4.67		
W6A	-5.18	8/8/01	935			6.62 205	95.2 1334	0.08 1.1	255 7156	21.6	7.500	26.950	14918	4.49		
W6A	-5.18	9/19/01	944			6.92 214	81.8 1145	0.08 1.1	281 7886	22.2	7.453	27.500	15222	3.84		
W6A	-5.18	10/24/01	917			6.36 197	75.6 1059	0.02 0.3	246 6909	22.9	7.486	27.771	15372	4.78		
W6A	-5.18	11/7/01	935			6.80 211	79.4 1112	0.06 0.8	236 6639	23.0	7.512	28.320	15676	3.81		

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	12/19/01	954			5.70 177	108 1516	0.21 2.9	235 6597	22.8	7.568	27.939	15465	4.61		
W6A	-5.18	1/9/02	944			5.65 175	96.1 1346	0.20 2.8	241 6769	22.5	7.593	27.792	15384	5.61		
W6A	-5.18	2/19/02	1001			5.54 172	84.4 1182	0.08 1.1	236 6637	21.8	7.618	27.656	15308	4.58		
W6A	-5.18	3/20/02	1003			5.36 166	86.1 1206	0.14 2.0	244 6858	21.8	7.587	26.862	14869	4.28		
W6A	-5.18	4/8/02	1052			5.70 177	81.0 1134	0.01 0.1	231 6488	21.8	7.609	27.625	15291	4.13		
W6A	-5.18	5/29/02	1037			5.94 184	112 1567	0.16 2.2	257 7207	22.1	7.542	28.686	15878	4.64		
W6A	-5.18	6/17/02	1010			5.64 175	92.4 1294	0.03 0.4	230 6468	22.2	7.570	28.213	15617	QNS		
W6A	-5.18	7/15/02	1005			6.14 190	102 1424	0.12 1.7	247 6923	22.6	7.564	27.638	15298	4.50		
W6A	-5.18	8/20/02	1007			5.70 177	86.7 1214	0.20 2.8	254 7128	23.3	7.578	27.551	15250	4.43		
W6A	-5.18	9/23/02	1042			5.62 174	85.7 1201	0.23 3.2	252 7083	23.2	7.548	27.719	15343	4.24		
W6A	-5.18	10/14/02	943			5.41 168	80.4 1126	0.11 1.5	259 7285	23.2	7.545	25.360	14037	6.59		
W6A	-5.18	11/4/02	953			5.24 162	79.4 1112	0.03 0.4	259 7263	22.9	7.588	26.430	14630	4.75		
W6A	-5.18	12/17/02	1021			5.78 179	74.4 1042	0.06 0.8	236 6634	23.0	7.608	27.638	15298	3.95		
W6A	-5.18	1/21/03	1105			5.22 162	79.1 1108	0.02 0.3	222 6241	22.6	7.646	28.180	15598	4.70		
W6A	-5.18	2/12/03	1031			4.88 151	73.1 1024	0.08 1.1	240 6735	22.4	7.627	27.119	15011	4.38		
W6A	-5.18	3/19/03	1016			4.82 149	72.0 1008	0.11 1.5	247 6940	22.3	7.656	27.594	15274	4.86		
W6A	-5.18	4/28/03	1003			5.00 155	78.7 1102	0.18 2.5	232 6505	22.5	7.739	27.459	15199	5.07		
W6A	-5.18	5/12/03	935			4.72 146	71.4 1000	0.03 0.4	231 6474	22.3	7.763	28.163	15589	5.18		
W6A	-5.18	6/3/03	950			4.85 150	81.0 1134	0.23 3.2	235 6609	22.5	7.743	27.625	15291	5.09		
W6A	-5.18	7/29/03	1013			5.36 166	84.6 1184	0.02 0.3	238 6679	22.7	7.637	27.525	15236	4.91		
W6A	-5.18	8/26/03	1015			4.70 146	79.5 1114	0.17 2.4	238 6682	23.3	7.622	27.743	15356	4.99		
W6A	-5.18	9/15/03	1004			4.56 141	74.0 1037	0.05 0.7	225 6316	24.0	7.677	28.565	15811	4.84		
W6A	-5.18	10/6/03	958			4.98 154	85.3 1195	0.15 2.1	230 6471	23.7	7.626	28.190	15604	NA		
W6A	-5.18	10/28/03	1030			5.24 162	77.9 1091	0.10 1.4	220 6190	23.6	7.610	28.749	15913			
W6A	-5.18	11/14/03	1335							23.6				4.98		
W6A	-5.18	12/15/03	942							20.7	7.610					
W6A	-5.18	12/17/03	847			5.17 160	78.7 1102	0.54 7.6	229 6426	23.1	7.611	28.071	15538	4.35		
W6A	-5.18	1/26/04	951			4.56 141	95.9 1344	0.30 4.2	217 6081	22.8	7.638	27.905	15446	4.42		
W6A	-5.18	2/5/04	952			4.68 145	118 1647	0.18 2.5	242 6783	22.3	7.560	26.452	14642	4.44		
W6A	-5.18	3/2/04	1041			4.52 140	109 1527	0.52 7.3	224 6280	22.8	7.643	25.172	13933	4.14		
W6A	-5.18	4/20/04	957			4.76 147	156 2185	0.01 0.1	236 6620	22.3	7.542	26.891	14885	3.54		
W6A	-5.18	5/11/04	912			4.98 154	135 1895	0.26 3.6	230 6460	22.7	7.536	26.29	14552	4.25		
W6A	-5.18	6/2/04	959			4.56 141	153 2144	0.14 2.0	237 6651	22.5	7.461	26.34	14580	3.55		
W6A	-5.18	7/14/04	958			4.62 143	117 1632	0.22 3.1	243 6811	22.7	7.487	27.04	14967	2.68		
W6A	-5.18	8/23/04	958			4.54 141	107 1495	0.37 5.2	227 6367	23.6	7.508	27.58	15266	3.68		

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	9/2/04	1017			5.52 171	111 1551	0.13 1.8	246 6909	23.8	7.444	26.86	14868	2.66		
W6A	-5.18	10/4/04	929			6.04 187	108 1509	0.25 3.5	223 6274	24.1	7.497	27.91	15449	3.44		
W6A	-5.18	11/9/04	855			6.86 212	125 1747	0.16 2.2	242 6791	24.1	7.464	26.65	14751	2.58		
W6A	-5.18	12/6/04	935			6.20 192	113 1584	0.16 2.2	218 6109	23.9	7.561	27.65	15305	3.42		
W6A	-5.18	1/10/05	901			5.85 181	114 1598	0.20 2.8	243 6825	23.1	7.470	24.973	13823	3.08		
W6A	-5.18	2/9/05	903			6.13 190	159 2227	0.36 5.0	241 6777	22.4	7.502	25.940	14358	2.57		
W6A	-5.18	3/15/05	932			5.54 172	193 2705	0.27 3.8	223 6274	22.1	7.561	27.556	15253	2.04		
W6A	-5.18	4/19/05	848			5.84 181	173 2418	0.12 1.7	233 6533	22.0	7.529	27.415	15175	2.60		
W6A	-5.18	5/23/05	921			5.84 181	149 2081	0.30 4.2	262 7344	22.2	7.427	26.137	14468	2.76		
W6A	-5.18	6/15/05	952			5.05 156	117 1636	0.13 1.8	218 6120	22.2	7.542	27.773	15373	3.85		
W6A	-5.18	7/18/05	849			5.58 173	112 1565	0.11 1.5	239 6715	22.4	7.514	26.216	14511	4.03		
W6A	-5.18	8/9/05	910			5.60 173	108 1510	0.14 2.0	238 6687	23.8	7.537	27.018	14955	4.01		
W6A	-5.18	9/20/05	905			5.54 172	96.9 1358	0.17 2.4	230 6465	23.0	7.568	27.924	15457	3.98		
W6A	-5.18	10/17/05	901			5.34 165	150 2098	0.15 2.1	248 6962	23.8	7.546	27.365	15147	3.23		
W6A	-5.18	11/7/05	835			4.80 149	186 2601	0.10 1.4	238 6693	23.6	7.548	27.651	15306	2.48		
W6A	-5.18	12/19/05	838			4.20 130	121 1693	0.36 5.0	207 5825	23.4	7.650	29.283	16209	3.83		
W6A	-5.18	1/23/06	849			4.60 142	107 1497	0.37 5.2	231 6474	23.0	7.640	28.182	15599	3.90		
W6A	-5.18	2/14/06	857			4.52 140	92.9 1302	0.29 4.1	221 6215	22.8	7.671	28.109	15559	3.63		
W6A	-5.18	3/20/06	853			4.69 145	90.5 1268	0.38 5.3	233 6544	22.7	7.695	27.25	15084	4.53		
W6A	-5.18	4/25/06	925			4.66 144	107 1499	0.27 3.8	226 6347	22.5	7.692	27.083	14991	5.58		
W6A	-5.18	5/22/06	913			4.42 137	91.5 1282	0.26 3.6	222 6235	22.3	7.657	27.361	15145	6.51		
W6A	-5.18	6/26/06	917			4.42 137	89.7 1256	0.16 2.2	228 6403	22.4	7.676	27.617	15287	4.98		
W6A	-5.18	7/20/06	919			4.53 140	84.7 1186	0.30 4.2	218 6123	22.5	7.673	28.101	15555	4.63		
W6A	-5.18	8/7/06	943			4.59 142	81.1 1136	0.18 2.5	219 6151	22.8	7.684	27.926	15458	4.97		
W6A	-5.18	9/18/06	917			4.72 146	82.5 1156	0.29 4.1	224 6291	23.4	7.675	28.221	15621	4.83		
W6A	-5.18	10/23/06	920			4.47 138	76.5 1072	0.26 3.6	216 6066	23.6	7.685	27.490	15216	4.55		
W6A	-5.18	11/27/06	904			4.05 125	123 1723	0.25 3.5	201 5645	23.6	7.711	28.982	16042	4.46		
W6A	-5.18	12/11/06	1005			4.39 136	125 1751	0.25 3.5	215 6038	23.5	7.686	28.172	15594	4.58		
W6A	-5.18	1/8/07	1059			4.39 136	101 1415	0.23 3.2	208 5842	23.3	7.71	28.269	15648	5.03		
W6A	-5.18	2/20/07	956			4.47 138	90.5 1268	0.52 7.3	224 6291	23.0	7.694	27.164	15036	5.62		
W6A	-5.18	3/5/07	931			4.37 135	121 1695	0.40 5.6	234 6572	23.1	7.726	26.901	14890	5.05		
W6A	-5.18	4/18/07	955			4.35 135	118 1653	0.22 3.1	261 7330	23.6	7.711	25.632	14188	5.92		
W6A	-5.18	5/1/07	947			4.31 133	117 1639	0.96 13.4	252 7078	23.0	7.689	26.016	14401	6.41		
W6A	-5.18	6/18/07	927			4.01 124	84.6 1185	0.18 2.5	244 6853	23.0	7.595	26.529	14684	4.64		
W6A	-5.18	7/23/07	1454	-1.78	0.46 Ebb	3.03 94	53.0 742	0.06 0.8	126 3537	23.0	7.47	26.20	14502	5.80		

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	8/27/07	1459	-2.08	0.70 Flood	4.19 130	135.8 1903	0.29 4.0	221 6211	23.5	7.68	28.12	15565	6.32		
W6A	-5.18	9/18/07	1609	-1.96	0.21 Ebb	4.22 131	151.1 2117	0.36 5.0	254 7130	23.5	7.49	27.76	15366	5.69		
W6A	-5.18	10/23/07	1516	-1.78	0.46 Ebb	3.68 114	151.3 2120	0.16 2.2	212 5967	23.7	7.36	28.37	15704	3.52		
W6A	-5.18	11/20/07	1324	-2.18	0.43 Ebb	3.87 120	126.9 1778	0.19 2.6	232 6525	23.8	7.54	27.66	15311	3.72		
W6A	-5.18	12/19/07	1331	-2.29	0.24 Ebb	3.87 120	183.1 2565	29.44 412	220 6166	23.3	7.45	24.62	13628	3.25		
W6A	-5.18	1/28/08	855	-2.44	0.27 Ebb	3.15 98	193.2 2706	0.71 10	232 6528	22.3	7.15	25.72	14237	3.41		
W6A	-5.18	2/26/08	1348	-2.44	0.06 Flood	5.36 166	219.1 3069	0.35 4.9	253 7117	22.0	7.31	25.05	13866	4.18		
W6A	-5.18	3/17/08	1443	-1.14	0.24 High	4.84 150	150.9 2114	0.06 0.8	221 6199	21.8	7.41	25.64	14192	5.27		
W6A	-5.18	4/29/08	1123	-1.04	0.24 Flood	4.81 149	149.8 2099	0.09 1.2	231 6498	21.6	7.35	26.20	14502	1.75		
W6A	-5.18	5/28/08	1105	-2.34	0.34 High	4.02 125	168.7 2363	0.27 3.8	238 6697	22.0	7.43	25.12	13905	2.41		
W6A	-5.18	6/17/08	1140	-2.13	0.21 Flood	4.87 151	128.1 1795	1.62 22.7	229 6432	22.3	7.23	26.55	14696	1.19	10.10	
W6A	-5.18	7/22/08	1114	-2.44	0.15 Ebb	4.28 133	125.2 1754	0.24 3.3	243 6816	22.4	7.44	25.84	14303	3.04		
W6A	-5.18	8/30/08	1132		0.15 Flood	4.14 128	113.7 1592	2.15 30	279 7829	22.7	7.45	23.96	13262	NA		
W6A	-5.18	9/16/08	1110	-2.52	0.09 Low	4.57 141	106.2 1487	0.26 3.6	301 8455	23.3	7.34	22.84	12643	1.90		
W6A	-5.18	10/28/08	1107	-2.49	0.15 Low	4.03 125	91.5 1282	0.15 2.1	183 5133	24.6	7.38	27.52	15233	2.92	3.46	
W6A	-5.18	11/13/08	1109	-2.49	0.09 Low	4.06 126	103.2 1446	0.20 2.8	217 6102	24.0	7.67	26.98	14934	3.79	3.02	
W6A	-5.18	12/15/08	1411	-2.55	0.00 Low	5.19 161	118.2 1656	0.11 1.5	216 6079	23.9	7.76	25.60	14170	4.20		
W6A	-5.18	1/22/09	1055	-2.53	0.09 Flood	4.44 137	153.1 2144	0.90 13	238 6690	22.8	7.53	26.24	14525	0.56	0.31	
W6A	-5.18	2/24/09	1025	-2.65	0.09 Ebb	4.34 134	133.1 1865	0.74 10	288 8081	21.8	7.42	25.70	14226	3.01	2.74	
W6A	-5.18	3/16/09	1106	-2.60	0.09 Ebb	3.80 118	137.5 1926	0.13 1.8	210 5912	22.6	7.38	24.83	13744	3.62	0.32	
W6A	-5.18	4/30/09	1633	-2.70	0.24 Flood	5.21 161	121.8 1707	0.64 9	205 5768	22.0	7.97	24.73	13689	4.03		
W6A	-5.18	5/29/09	1028	-2.44	0.21 Ebb	4.38 136	112.8 1581	0.18 2.5	261 7318	20.1	7.69	25.95	14364	4.91	0.39	
W6A	-5.18	6/16/09	1417	-2.27	0.40 Flood	3.38 105	75.6 1058	0.42 5.9	165 4646	20.9	7.82	27.56	15255	4.77	0.13	
W6A	-5.18	7/14/09	1315	-2.36	0.37 Ebb	2.58 80	66.9 937	0.30 4.2	105 2961	21.3	7.70	27.31	15117	4.54	0.10	
W6A	-5.18	8/19/09	1353	-1.92	0.67 Flood	3.69 114	80.6 1130	1.32 18.5	150 4206	21.5	7.63	29.30	16218	4.41	0.31	
W6A	-5.18	9/21/09	1541	-2.36	0.30 Flood	2.69 83	67.8 950	0.40 5.6	136 3833	22.3	8.15	28.25	15637	4.59	0.07	
W6A	-5.18	10/22/09	1614	-2.53	0.18 Flood	3.44 107	77.8 1090	0.54 7.5	93 2614	22.9	7.68	27.86	15421	4.85	0.16	
W6A	-5.18	11/17/09	840	-2.44	0.30 Ebb	5.05 157	82.0 1149	0.94 13.2	235 6589	22.7	7.66	27.87	15427	5.23	0.05	
W6A	-5.18	12/8/09	927	-2.18	0.55 High	3.33 103	83.7 1172	0.94 13.2	217 6093	22.9	7.66	27.88	15432	5.14	0.25	
W6A	-5.18	1/6/10	825	-2.18	0.43 High	3.58 111	81.6 1143	1.29 18	211 5935	22.2	7.67	27.44	15189	4.44	0.18	
W6A	-5.18	2/2/10	823	-2.08	0.37 Ebb	3.87 120	101.8 1426	0.64 9	205 5749	21.8	7.74	26.85	14862	4.85	0.18	
W6A	-5.18	3/10/10	809	-2.62	0.09 Low	4.26 132	107.9 1512	0.36 5	263 7399	21.6	7.70	25.13	13910	5.20	0.07	
W6A	-5.18	4/6/10	1433	-2.55	0.12 Ebb	4.29 133	90.8 1272	0.43 6	284 7979	18.9	7.73	28.41	15726	5.74	0.09	
W6A	-5.18	5/11/10	1438	-1.99	0.55 High	3.55 110	61.9 867	1.21 17	229 6421	21.3	7.80	27.75	15360	5.23	0.04	
W6A	-5.18	6/16/10	1007	-1.84	0.15 Ebb	4.00 124	85.0 1191	0.36 5	255 7169	21.4	7.75	27.40	15167	5.23	0.31	

NELHA Water Quality Laboratory

Well 6A Data Table

~~6/23/1980 - 12/31/2005~~

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	7/13/10	1452	-2.26	0.40 Flood	3.52 109	77.5 1086	0.57 8	226 6344	21.7	7.76	28.23	15626	5.09	0.24	
W6A	-5.18	8/3/10	1450	-2.19	0.40 Ebb	4.46 138	62.8 879	0.38 5.3	196 5503	22.0	7.75	28.12	15565	4.99	0.13	
W6A	-5.18	9/14/10	1516	-2.25	0.30 Ebb	3.84 119	88.7 1242	0.47 6.6	254 7126	22.2	7.72	27.57	15261	5.39	0.19	
W6A	-5.18	10/12/10	1539	-2.40	0.18 Low	3.81 118	95.3 1335	0.11 1.5	242 6809	22.2	7.73	27.89	15438	5.05	0.22	
W6A	-5.18	11/16/10	1415	-2.19	0.34 Ebb	3.75 116	98.5 1379	0.08 1.1	232 6513	22.3	7.73	28.43	15737	4.83	0.12	
W6A	-5.18	12/14/10	1445	-2.42	0.12 Ebb	4.16 129	134.6 1886	0.29 4	254 7141	22.3	7.76	26.30	14558	4.75	0.11	
W6A	-5.18	1/4/11	1425	-2.44	0.15 Flood	3.91 121	118.3 1657	0.35 4.9	238 6697	22.1	7.68	25.89	14331	5.02	0.12	
W6A	-5.18	4/5/11	1447	-2.29	0.34 Flood	3.94 122	88.7 1243	0.17 2.4	229 6420	21.1	7.60	25.67	14209	4.42	0.18	
W6A	-5.18	7/11/11	1204	-2.20	0.49 Flood	3.68 114	110.2 1544	0.14 2	245 6883	21.8	7.66	27.27	15095	4.91	0.19	
W6A	-5.18	10/11/11	1340	-2.30	0.34 Flood	3.65 113	96.4 1350	0.35 4.9	246 6919	22.1	7.62	27.55	15250	4.83	0.16	
W6A	-5.18	1/9/12	1438	-2.57	0.15 Flood	3.91 121	106.3 1489	0.19 2.7	273 7655	21.5	7.65	25.18	13938	4.63	0.07	
W6A	-5.18	4/30/12	1454	-2.38	0.24 Ebb	4.10 127	93.0 1303	0.16 2.2	251 7056	20.1	7.58	27.25	15084	3.98	0.02	
W6A	-5.18	7/17/12	1530	-1.91	0.73 Flood	3.81 118	100.2 1404	0.26 3.7	226 6349	20.3	7.48	28.68	15875	3.78	0.10	
W6A	-5.18	10/15/12	1324	-2.31	0.24 Flood	3.68 114	77.0 1078	0.14 2	253 7105	20.4	7.40	28.14	15576	1.30	0.09	
W6A	-5.18	1/7/13	1427	-2.38	0.18 Ebb	4.75 147	91.7 1284	0.19 2.6	347 9740	20.0	7.44	25.28	13993	4.24	0.07	
W6A	-5.18	4/8/13	1346	-2.26	0.37 Flood	4.49 139	61.3 859	0.34 4.7	267 7496	19.1	7.51	26.62	14735	3.19	0.13	
W6A	-5.18	7/16/13	1615	-2.34	0.30 Ebb	4.07 126	57.5 806	0.27 3.8	287 8063	20.1	7.43	26.75	14807	3.13	0.05	
W6A	-5.18	10/14/13	1654	-2.36	0.18 Ebb	3.94 122	58.1 814	0.38 5.3	279 7848	20.8	7.49	26.76	14812	3.14	0.20	
W6A	-5.18	1/14/14	1547	-2.35	0.18 Ebb	4.65 144	94.3 1321	0.36 5	273 7676	20.6	7.52	25.78	14270	4.22	0.03	
W6A	-5.18	4/28/14	1543	-2.01	0.518 Flood	4.71 146	100.0 1400	0.33 4.6	239 6719	20.4	7.57	27.29	15106	3.32	0.02	
W6A	-5.18	7/28/14	1554	-2.05	0.488 Flood	4.46 138	66.1 926	0.29 4	239 6701	20.7	7.47	28.21	15615	3.56	0.06	
W6A	-5.18	11/3/14	1322	-2.01	0.46 High	4.39 136	77.8 1090	0.11 1.5	243 6821	21.8	7.51	27.15	15028	3.88	0.24	
W6A	-5.18	2/9/15	1700	-2.35	0.18 Low	5.57 172	98.7 1382	0.69 9.6	275 7730	20.4	7.47	26.18	14491	3.76	0.12	
W6A	-5.18	5/19/15	1024	-2.62	-0.06 Low	4.59 142	97.0 1358	1.01 14.2	271 7598	20.1	7.57	25.54	14137	4.23	0.03	
W6A	-5.18	7/21/15	1319	-2.46	0.18 Low	4.88 151	94.8 1327	0.02 0.3	275 7720	21.1	7.41	26.18	14491	4.12	0.06	
W6A	-5.18	11/9/15	1041	-2.30	0.25 Flood	4.88 151	139.1 1948	0.09 1.2	243 6831	22.1	7.44	26.56	14702	3.69	0.06	
W6A	-5.18	1/26/16	1032	-2.48	0.07 Low	5.19 161	97.0 1358	0.11 1.5	272 7643	21.9	7.32	25.92	14347	4.16	0.02	
W6A	-5.18	4/21/16	1148	-2.45	0.20 Flood	5.59 173	65.1 912	0.34 4.7	229 6420	21.8	7.42	27.36	15144	4.05	0.03	
W6A	-5.18	7/26/16	907	-2.21	0.20 Flood	6.04 187	48.4 678	0.18 2.5	223 6263	21.6	7.46	27.62	15288	3.16	0.05	
W6A	-5.18	11/10/16	1128	-2.12	0.55 High	5.29 164	61.2 857	1.09 15.2	213 5990	22.6	7.37	27.53	15239	3.89	0.02	
W6A	-5.18	3/21/17	1515	-2.31	0.10 Ebb	5.92 183	87.8 1230	0.68 9.5	238 6677	21.0	7.69	26.87	14873	3.64	0.03	
W6A	-5.18	4/13/17	1428	-2.26	0.35 Flood	5.58 173	67.1 939	0.27 3.8	244 6846	21.4	7.69	27.29	15106	2.41	0.04	
W6A	-5.18	8/4/17	1111	-2.14	0.30 Flood	5.01 155	51.0 714	0.04 0.5	211 5930	21.3	7.72	29.00	16052	3.66	0.08	
W6A	-5.18	10/19/17	922	-2.41	0.09 Low	4.30 133	69.8 978	0.24 3.4	241 6760	22.1	7.65	26.21	14508	5.08	0.05	
W6A	-5.18	1/17/18	1300	-2.46	0.15 Flood	4.26 132	61.0 855	0.11 1.5	237 6650	22.0	7.56	27.02	14956	3.13	0.03	

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1980 - 12/31/2025

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
W6A	-5.18	5/10/18	1109	-2.27	0.35 Flood	6.02 187	66.2 927	5.95 83.3	208 5849	20.1	7.98	30.91	17109	1.04	0.08	
W6A	-5.18	8/20/18	1103	-2.15	0.52 Flood	6.31 196	40.4 566	0.11 1.5	201 5648	20.2	7.81	28.86	15975	1.77	0.08	
W6A	-5.18	10/25/18	1319	-2.33	0.22 Flood	5.33 165	47.7 668	0.05 0.7	207 5814	23.2	7.84	27.33	15128	2.44	0.07	
W6A	-5.18	2/7/18	1332	-2.62	0.18 Flood	7.17 222	72.4 1014	0.01 0.2	209 5875	21.5	7.80	27.94	15466	3.64	0.06	
W6A	-5.18	5/16/19	1125	-2.45	0.35 Flood	5.97 185	60.3 845	0.08 1.1	204 5732	21.0	7.67	28.38	15709	4.27	0.05	
W6A	-5.18	8/29/19	858	-2.53	-0.05 Low	4.69 145	77.4 1084	0.16 2.3	230 6470	22.3	7.82	25.72	14237	4.88	0.07	
W6A	-5.18	10/10/19	1335	-1.94	0.50 High	4.65 144	52.3 733	0.61 8.6	208 5851	23.5	7.85	28.98	16041	3.69	0.06	
W6A	-5.18	2/4/20	1359	-2.40	0.10 Ebb	5.39 167	86.1 1206	-0.34 -4.7	234 6572	23.4	7.84	26.15	14475	4.43	0.02	
W6A	-5.18	6/2/20	1002	-2.26	0.20 Flood	3.93 122	57.2 801	0.38 5.3	207 5803	22.2	7.79	27.56	15255	4.13	0.04	
W6A	-5.18	8/19/20	909	-2.44	-0.06 Low	3.64 113	66.3 929	0.16 2.3	243 6820	22.0	7.81	24.50	13561	4.72	0.04	
W6A	-5.18	12/9/20	854	-2.08	0.40 Flood	4.48 139	89.4 1252	0.17 2.4	224 6280	22.0	7.62	27.58	15266	4.22	0.13	
W6A	-5.18	2/17/21	948	-2.21	0.25 Ebb	5.00 155	120.3 1685	0.13 1.8	245 6886	21.7	7.62	26.49	14663	4.06	0.06	
W6A	-5.18	4/14/21	1029	-2.57	-0.03 Low	5.60 174	116.3 1629	0.17 2.4	286 8037	22.5	7.54	24.00	13285	3.44	0.02	
W6A	-5.18	7/7/21	924	-2.59	0.05 Low	4.92 152	92.9 1301	0.08 1.1	237 6655	22.4	7.45	25.75	14253	2.81	0.06	
W6A	-5.18	11/8/21	1110	-2.25	0.30 Ebb	5.08 157	88.1 1234	0.21 3	261 7342	22.5	7.51	24.59	13611	3.90	0.02	
W6A	-5.18	2/4/22	1323	-2.57	0.10 Flood	6.32 196	114.9 1609	0.07 1	312 8763	21.2	7.54	23.53	13024	4.47	0.07	
W6A	-5.18	4/20/22	1031	-2.67	-0.07 Low	3.94 122	76.0 1065	0.03 0.4	308 8651	21.3	7.55	23.30	12897	4.48	0.06	
W6A	-5.18	7/12/22	1300	-2.17	0.50 Flood	4.25 132	74.2 1040	-0.36 -5.1	233 6534	21.2	7.53	27.53	15239	3.62	0.06	
W6A	-5.18	11/22/22	933	-2.44	0.20 Flood	4.62 143	98.1 1374	0.03 0.4	259 7280	22.3	7.58	24.55	13589	4.90	0.41	
W6A	-5.18	1/26/23	854	-2.11	0.45 Ebb	4.66 144	79.0 1106	0.05 0.7	256 7193	20.8	7.55	25.05	13866	5.03	0.10	
W6A	-5.18	4/25/23	1330	-2.59	0.02 Low	4.61 143	78.7 1102	0.09 1.3	275 7712	20.5	7.47	24.17	13379	5.48	0.09	
W6A	-5.18	8/15/23	917	-2.54	-0.02 Low	4.55 141	41.2 576	0.04 0.5	289 8115	20.7	7.50	25.19	13943	5.17	0.07	
W6A	-5.18	11/15/23	1329	-2.33	0.25 Flood	3.93 122	94.3 1321	0.16 2.2	262 7362	21.1	7.58	24.71	13678	5.27	0.15	198.5
W6A	-5.18	1/23/24	946	-2.42	0.41 Low	3.60 112	84.6 1184	0.09 1.3	260 7316	20.2	7.52	24.60	13617	5.66	0.12	228.6
W6A	-5.18	5/7/24	1039	-2.56	0.10 Flood	3.94 122	77.6 1087	-0.14 -1.9	291 8177	19.9	7.53	23.41	12958	5.00	0.14	246.4
W6A	-5.18	7/31/24	1408	-1.79	0.67 High	3.71 115	64.9 909	0.01 0.2	216 6069	20.3	7.52	26.92	14901	4.85	0.09	164.3
W6A	-5.18	12/10/24	1419	-2.28	0.25 Ebb	3.89 120	71.7 1004	0.21 3	261 7340	21.3	7.62	23.89	13224	5.06	0.06	197.4
W6A	-5.18	1/9/25	1345	-2.30	0.12 Ebb	4.21 130	71.9 1008	0.19 2.6	254 7128	20.9	7.60	25.12	13905	5.10	0.28	160.1
W6A	-5.18	5/14/25	1024	-2.48	-0.07 Low	4.02 124	62.4 874	0.02 0.3	255 7160	21.3	7.51	24.81	13733	4.17	0.22	237.0
W6A	-5.18	7/29/25	1342	-2.23	0.20 Flood	4.25 132	64.8 908	0.01 0.2	244 6843	21.9	7.55	25.69	14220	4.55	0.20	357.4
W6A	-5.18	12/17/25	1447	-2.25	0.20 Ebb	4.75 147	62.7 879	0.00 0	624 17537	22.2	7.50	25.51	14120	4.40	0.37	209.4

NELHA Water Quality Laboratory

Well 6A Data Table

6/23/1980 - 12/31/2025

Site	Pump Depth (m)	Date M/D/Y	Time (2400)	Depth to H ₂ O (m)	Tide (m) (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)	Temp. (°C)	pH (unit)	Salinity (ppt)	Chloride (mg/L)	DO (ppm)	Turbidity NTU	ORP (mV)
Mean				-2.29	0.25	4.85 150	89.71 1256	0.34 4.7	271 7592	22.1	7.67	25.67	14206	4.80	0.34	222.1
Std. Dev.				0.27	0.18	1.32 41	29.02 407	1.71 24.0	67 1859	1.1	0.17	2.28	1261	1.20	1.20	58.8
Maximum				-1.04	0.73	11.71 363	219 3069	29.44 412.4	624 17537	24.6	8.15	30.91	17109	7.49	10.10	357.4
Minimum				-2.70	-0.07	2.17 67	36 503	-0.36 -5.1	93 2614	16.7	7.15	18.13	10037	0.56	0.02	160.1
n				101	102	309 309	309 309	308 309	302 301	310	309	308	308	304	86	9