

NELHA Water Quality Laboratory

Well 2A Data Table

6/28/1989 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	6/28/89				2.42 75	56.3 789	3.60 50.4		19.3	7.765	16.524	9,146	5.89		
W2A	-6.71	8/11/89	1050			2.21 68	44.0 616	0.31 4.3		19.3	7.750	16.574	9,174	5.46		
W2A	-6.71	8/16/89	1000			2.44 76	48.4 678	0.42 5.9		19.2	7.705	15.049	8,330	6.12		
W2A	-6.71	8/23/89	1015			2.27 70	45.7 640	0.27 3.8		18.9	7.729	18.099	10,018	5.77		
W2A	-6.71	8/30/89	1035			2.56 79	53.2 745	0.42 5.9		19.1	7.755	15.759	8,723	6.60		
W2A	-6.71	8/30/89	1035			2.56 79	53.2 745	0.42 5.9								
W2A	-6.71	10/31/89	940			2.60 81	59.1 828	0.05 0.7	570 16009	19.1	7.816	15.824	8,759	6.02		
W2A	-6.71	11/16/89	814			2.32 72	49.1 688	0.06 0.8	500 14043	19.4	7.774	18.471	10,224	6.60		
W2A	-6.71	12/13/89	1045			2.82 87	64.8 908	0.08 1.1	557 15644	19.6	7.838	14.620	8,093	6.66		
W2A	-6.71	1/11/90	826			2.05 63	54.6 765	0.01 0.1	571 16037	19.2	7.775	16.089	8,906	7.76		
W2A	-6.71	2/14/90	1005			2.44 76	54.9 769	0.00 0.0	535 15026	19.4	7.756	15.801	8,746	6.19		
W2A	-6.71	3/6/90	1345			2.28 71	54.3 761	0.11 1.5	528 14829	19.2	7.889	16.258	8,999	5.76		
W2A	-6.71	4/4/90	1130			2.45 76	52.1 730	0.41 5.7	587 16486	19.3	7.932	16.460	9,111	5.24		
W2A	-6.71	5/17/90	1430			2.51 78	53.3 747	0.05 0.7	519 14576	19.3	7.895	15.853	8,775	5.83		
W2A	-6.71	6/16/90	1335			3.25 101	47.9 671	0.36 5.0	491 13790	19.4	7.936	17.880	9,897	5.33		
W2A	-6.71	7/17/90	1407			2.53 78	47.0 658	0.00 0.0	496 13930	19.8	7.918	18.216	10,083	5.59		
W2A	-6.71	8/8/90	1355			2.10 65	51.6 723	0.17 2.4	504 14155	19.9	7.909	17.192	9,516	5.36		
W2A	-6.71	9/5/90	1432			2.45 76	49.2 689	0.00 0.0		19.7	7.924	17.677	9,785	5.36		
W2A	-6.71	10/4/90	1426			2.24 69	47.1 660	0.04 0.6	508 14253	19.6	7.916	17.663	9,777	5.02		
W2A	-6.71	11/1/90	1438			2.30 71	49.7 696	0.03 0.4	505 14183	19.5	7.916	17.530	9,703	5.32		
W2A	-6.71	12/10/90	1446			2.33 72	57.3 803	0.15 2.1	501 14071	19.6	7.927	16.072	8,896	5.64		
W2A	-6.71	1/9/91	1025			2.36 73	56.7 794	0.05 0.7	512 14380	19.3	7.916	16.241	8,990	5.66		
W2A	-6.71	2/6/91	1016			2.11 65	49.7 696	0.11 1.5	475 13341	19.4	7.922	15.837	8,766	5.76		
W2A	-6.71	3/6/91	1036			2.27 70	53.9 755	0.22 3.1	510 14324	19.2	7.925	15.907	8,805	5.75		
W2A	-6.71	4/3/91	1021			2.16 67	59.4 832	0.00 0.0	507 14239	19.3	7.928	15.958	8,833	5.75		
W2A	-6.71	5/22/91	1049			2.03 63	31.9 447	0.00 0.0	567 15924	19.3	7.919	16.735	9,263	5.45		
W2A	-6.71	6/26/91	1117			2.30 71	53.6 751	0.00 0.0	534 14998	19.3	7.926	16.574	9,174	5.63		
W2A	-6.71	7/24/91	1113			2.01 62	49.6 695	0.08 1.1	512 14380	17.6	7.924	16.810	9,305	5.54		
W2A	-6.71	8/23/91	1057			2.19 68	53.7 752	0.15 2.1	540 15166	19.2	7.908	16.337	9,043	5.63		
W2A	-6.71	9/24/91	1014			2.34 72	54.8 768	0.00 0.0	546 15335	19.5	7.896	15.377	8,512	6.06		
W2A	-6.71	10/23/91	1029			2.61 81	57.1 800	0.00 0.0	746 20952	19.5	7.920	15.033	8,321	6.03		
W2A	-6.71	11/20/91	1011			2.85 88	53.5 749	0.00 0.0	616 17301	19.3	7.896	15.408	8,529	6.00		
W2A	-6.71	12/11/91	1043			2.35 73	54.2 759	0.00 0.0	533 14970	19.3	7.918	16.006	8,860	5.79		
W2A	-6.71	1/29/92	1039			2.25 70	53.4 748	0.00 0.0	529 14857	19.5	7.914	16.094	8,908	5.78		
W2A	-6.71	2/19/92	1059			2.40 74	43.6 611	0.00 0.0	507 14239	19.5	7.940	15.048	8,329	6.09		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	3/17/92	1014			2.36 73	58.8 824	0.00 0.0	552 15503	19.5	7.937	14.577	8,069	6.20		
W2A	-6.71	4/8/92	1009			2.34 72	54.3 761	0.09 1.3	520 14604	19.4	7.904	15.405	8,527	5.99		
W2A	-6.71	5/6/92	1045			2.31 72	55.3 775	0.00 0.0	568 15953	19.5	7.904	15.949	8,828	6.07		
W2A	-6.71	6/23/92	1023			2.16 67	50.5 707	0.17 2.4	548 15391	19.4	7.896	17.027	9,425	5.66		
W2A	-6.71	7/29/92	1018			2.27 70	54.7 766	ND 0.0	557 15644	19.2	7.893	15.408	8,529	6.02		
W2A	-6.71	8/25/92	1003			2.37 73	48.7 682	0.00 0.0	553 15531	19.5	7.881	17.292	9,572	5.50		
W2A	-6.71	9/22/92	1044			2.16 67	47.9 670	0.00 0.0	553 15531	19.4	7.896	17.537	9,707	5.37		
W2A	-6.71	10/27/92	1031			2.55 79	58.7 823	0.00 0.0	580 16290	19.6	7.919	15.357	8,500	6.10		
W2A	-6.71	11/17/92	1053			2.16 67	52.7 737	0.20 2.8	531 14913	19.4	7.913	17.460	9,665	5.50		
W2A	-6.71	12/8/92	955			2.54 79	58.4 818	0.12 1.7	578 16233	19.4	7.928	15.492	8,575	6.02		
W2A	-6.71	1/26/93	1013			2.33 72	57.0 798	0.10 1.4	562 15781	19.4	7.933	16.134	8,931	5.87		
W2A	-6.71	2/23/93	1000			2.39 74	60.1 842	0.07 1.0	595 16719	19.4	7.932	14.885	8,239	6.07		
W2A	-6.71	3/16/93	952			2.28 71	54.3 760	0.08 1.1	572 16071	19.2	7.923	16.522	9,145	5.70		
W2A	-6.71	4/27/93	950			2.30 71	56.1 785	0.43 6.0	595 16711	19.4	7.910	16.373	9,063	5.76		
W2A	-6.71	5/25/93	942			2.32 72	55.9 783	0.14 2.0	581 16318	19.4	7.903	16.269	9,005	5.84		
W2A	-6.71	6/28/93	1010			2.07 64	51.1 716	0.08 1.1	548 15391	19.4	7.899	17.611	9,748	5.43		
W2A	-6.71	8/31/93	912			2.50 77	58.6 821	0.00 0.0	594 16694	19.5	7.915	15.246	8,439	6.06		
W2A	-6.71	10/26/93	859			2.48 77	55.8 781	0.56 7.8	549 15419	19.4	7.915	15.958	8,833	5.79		
W2A	-6.71	3/1/94	840			2.53 78	57.2 801	0.15 2.1	510 14324	19.4	7.899	16.134	8,931	5.65		
W2A	-6.71	6/21/94	936			2.51 78	56.4 790	0.16 2.2	608 17073	19.3	7.907	16.192	8,963	5.85		
W2A	-6.71	8/23/94	1006			2.49 77	63.0 883	0.32 4.5	589 16537	20.2	8.151	15.342	8,492	7.00		
W2A	-6.71	10/25/94	1025			2.43 75	53.7 753	0.23 3.2	499 14003	19.4	7.947	16.410	9,083	5.76		
W2A	-6.71	1/24/95	1022			2.64 82	59.0 827	0.02 0.3	508 14256	19.4	7.943	15.339	8,491	5.30		
W2A	-6.71	2/14/95	959			2.71 84	64.1 898	0.53 7.4	539 15144	19.6	7.921	14.278	7,903	5.94		
W2A	-6.71	3/14/95	1048			2.39 74	54.5 764	0.07 1.0	480 13475	19.5	7.897	16.569	9,171	6.32		
W2A	-6.71	4/26/95	1038			2.44 76	56.3 789	0.12 1.7	495 13888	19.9	8.067	16.307	9,026	6.69		
W2A	-6.71	5/8/95	1041			2.23 69	51.6 723	0.23 3.2	451 12675	20.2	7.951	17.912	9,915	7.17		
W2A	-6.71	6/27/95	1018			1.99 62	48.8 683	0.39 5.5	468 13155	20.2	7.810	17.332	9,594	4.89		
W2A	-6.71	7/25/95	1030			2.39 74	58.2 816	0.07 1.0	515 14453	20.1	7.852	15.220	8,425	5.57		
W2A	-6.71	8/22/95	1121			2.43 75	53.1 744	0.32 4.5	473 13279	20.4	8.078	17.349	9,603	6.49		
W2A	-6.71	9/11/95	1108			2.31 72	55.5 777	0.21 2.9	486 13644	18.8	7.914	16.618	9,198	6.70		
W2A	-6.71	10/16/95	1126			2.18 68	51.6 723	0.33 4.6	644 18084	20.0	8.089	17.750	9,825	6.43		
W2A	-6.71	11/6/95	1114			2.73 85	54.4 762	0.22 3.1	485 13619	20.1	7.992	16.875	9,341	6.31		
W2A	-6.71	12/4/95	1059			2.30 71	53.4 748	0.13 1.8	468 13130	20.1	7.935	17.661	9,776	6.30		
W2A	-6.71	1/29/96	1151			2.33 72	56.9 796	0.01 0.1	487 13680	20.6	7.961	16.505	9,136	6.81		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	2/26/96	1209			2.28 71	55.0 770	0.17 2.4	494 13874	20.4	8.045	16.760	9,277	6.82		
W2A	-6.71	3/5/96	1106			2.38 74	60.0 840	0.18 2.5	502 14098	20.2	8.028	15.275	8,455	6.84		
W2A	-6.71	4/1/96	1139			2.35 73	56.4 790	0.41 5.7	503 14123	20.7	7.914	16.211	8,973	6.71		
W2A	-6.71	5/8/96	1150			2.39 74	54.9 769	0.16 2.2	483 13578	20.5	7.929	16.680	9,233	6.75		
W2A	-6.71	6/17/96	1106			2.24 69	53.7 753	0.14 2.0	501 14070	21.4	8.100	17.038	9,431	6.84		
W2A	-6.71	7/16/96	1114			2.17 67	52.9 741	0.21 2.9	479 13451	21.0	7.960	17.164	9,501	6.55		
W2A	-6.71	8/5/96	1155			2.34 72	54.4 762	0.30 4.2	462 12968	21.0	7.971	17.310	9,582	6.99		
W2A	-6.71	9/3/96	1118			2.37 73	57.2 801	0.31 4.3	510 14337	20.9	7.979	16.406	9,081	6.64		
W2A	-6.71	10/8/96	1126			2.46 76	55.6 779	0.13 1.8	520 14604	20.2	7.896	15.763	8,725	5.67		
W2A	-6.71	11/4/96	1142			2.32 72	53.2 745	0.19 2.7	509 14308	20.2	7.874	16.648	9,215	5.58		
W2A	-6.71	12/16/96	1117			2.35 73	50.6 709	0.30 4.2	493 13843	19.9	7.905	17.773	9,838	5.36		
W2A	-6.71	1/13/97	1158			2.49 77	58 815	0.12 1.7	508 14253	20.7	7.974	13.921	7,706	6.58		
W2A	-6.71	2/11/97	1206			2.23 69	56 784	0.19 2.7	520 14602	20.4	7.924	15.082	8,348	6.07		
W2A	-6.71	3/11/97	1136			2.55 79	63 886	0.12 1.7	551 15461	20.2	7.959	13.155	7,282	6.49		
W2A	-6.71	4/22/97	1147			2.38 74	52 721	0.26 3.6	463 13001	20.2	7.938	15.024	8,316	5.84		
W2A	-6.71	5/27/97	1052			2.27 70	56 790	0.10 1.4	456 12799	19.0	7.946	15.736	8,710	5.78		
W2A	-6.71	6/16/97	1105			2.23 69	51 712	0.26 3.6	435 12203	19.2	7.955	16.781	9,289	5.43		
W2A	-6.71	7/16/97	1017			2.32 72	53 737	0.08 1.1	485 13624	19.7	7.953	16.436	9,098	5.53		
W2A	-6.71	8/25/97	1113			2.49 77	51 710	0.28 3.9	510 14332	20.0	8.029	16.886	9,347	5.27		
W2A	-6.71	9/22/97	1039			2.29 71	51 717	0.10 1.4	491 13798	20.0	8.068	16.669	9,227	5.53		
W2A	-6.71	10/15/97	1029			2.55 79	60 835	0.12 1.7	518 14545	20.0	8.068	14.684	8,128	5.90		
W2A	-6.71	11/3/97	1017			2.58 80	58.9 825	0.24 3.4	515 14461	19.8	8.040	15.214	8,421	5.90		
W2A	-6.71	12/15/97	1034			2.52 78	56.1 786	0.04 0.6	521 14635	19.7	8.075	15.080	8,347	6.17		
W2A	-6.71	1/6/98	952			2.35 73	51.3 719	0.01 0.1	490 13762	19.5	8.067	17.110	9,471	5.51		
W2A	-6.71	2/2/98	1048			2.38 74	52.5 735	0.13 1.8	512 14369	19.6	8.064	16.237	8,988	5.69		
W2A	-6.71	3/9/98	1047			2.59 80	56.4 789	0.23 3.2	524 14703	19.7	7.897	15.467	8,561	5.91		
W2A	-6.71	4/13/98	1017			2.67 83	58 817	0.09 1.3	562 15790	19.8	7.921	14.915	8,256	6.12		
W2A	-6.71	5/11/98	1114			2.50 77	51 716	0.25 3.5	481 13518	19.6	7.918	15.526	8,594	5.99		
W2A	-6.71	6/1/98	1102			2.58 80	55.5 778	0.17 2.4	526 14767	19.6	7.903	17.339	9,598	5.59		
W2A	-6.71	7/13/98	1102			2.59 80	56 778	0.23 3.2	517 14526	19.8	7.901	15.799	8,745	5.86		
W2A	-6.71	8/10/98	1117			2.74 85	59.6 834	0.11 1.5	535 15026	19.6	7.896	14.871	8,231	5.59		
W2A	-6.71	9/14/98	1120			2.28 71	46.0 644	0.16 2.2	475 13343	19.8	7.871	18.572	10,280	5.22		
W2A	-6.71	10/12/98	1011			2.20 68	46.9 657	0.16 2.2	472 13265	19.9	7.874	18.434	10,204	5.66		
W2A	-6.71	11/2/98	1037			2.52 78	57.1 800	0.04 0.6	523 14686	19.9	7.905	15.721	8,702	5.84		
W2A	-6.71	12/15/98	1021			2.56 79	54.3 761	0.04 0.6	527 14787	19.9	7.900	16.190	8,962	5.72		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1999 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	1/11/99	1046			2.43 75	52 721	0.22 3.1	508 14262	19.6	7.893	16.638	9,210	5.74		
W2A	-6.71	2/2/99	1050			2.60 81	61 861	0.16 2.2	536 15057	19.8	7.912	14.962	8,282	6.32		
W2A	-6.71	3/1/99	1102			2.68 83	60.8 852	0.01 0.1	546 15337	19.6	7.915	14.376	7,957	7.10		
W2A	-6.71	4/5/99	1047			2.49 77	56.6 793	0.21 2.9	525 14753	19.6	7.901	15.676	8,677	5.99		
W2A	-6.71	5/3/99	1112			2.60 81	61.0 854	0.19 2.7	537 15073	19.7	7.894	15.092	8,354	7.33		
W2A	-6.71	6/1/99	1041			2.60 81	58.4 818	0.29 4.1	527 14790	19.7	7.903	15.104	8,360	6.17		
W2A	-6.71	7/14/99	1100			2.62 81	60.4 846	0.06 0.8	538 15096	19.9	7.906	14.738	8,158	6.26		
W2A	-6.71	8/23/99	1109			2.30 71	47.9 671	0.15 2.1	504 14141	19.9	7.929	17.348	9,603	5.44		
W2A	-6.71	9/7/99	1110			2.42 75	53.7 752	0.09 1.3	494 13869	19.9	7.938	17.010	9,415	5.59		
W2A	-6.71	10/5/99	1047			2.35 73	52.9 741	0.04 0.6	506 14200	19.8	7.933	16.866	9,336	5.54		
W2A	-6.71	11/1/99	1119			2.16 67	47.7 668	0.10 1.4	472 13262	19.6	7.933	18.554	10,270	5.17		
W2A	-6.71	12/14/99	1112			2.41 75	54.3 761	0.08 1.1	503 14124	19.7	7.868	16.633	9,207	5.44		
W2A	-6.71	1/10/00	1130			2.48 77	57.0 798	0.16 2.2	522 14672	19.7	7.915	15.794	8,742	5.91		
W2A	-6.71	2/7/00	1129			2.67 83	62.2 871	0.14 2.0	536 15062	19.7	7.960	14.663	8,116	6.25		
W2A	-6.71	3/21/00	1129			2.64 82	63.8 894	0.16 2.2	558 15683	19.8	7.962	13.574	7,514	6.52		
W2A	-6.71	4/10/00	1210			2.21 68	58.5 819	0.02 0.3	539 15132	19.7	7.954	15.574	8,621	5.96		
W2A	-6.71	5/15/00	1111			2.36 73	53.9 755	0.33 4.6	499 14026	19.9	7.941	16.560	9,166	5.66		
W2A	-6.71	6/5/00	1114			2.54 79	59.2 829	0.09 1.3	535 15017	19.8	7.955	14.905	8,250	6.29		
W2A	-6.71	7/26/00	1140			2.13 66	47.4 664	0.80 11.2	471 13231	19.6	7.920	18.929	10,478	5.10		
W2A	-6.71	8/29/00	1050			2.47 77	56.8 796	0.05 0.7	517 14531	20.3	7.899	15.721	8,702	5.90		
W2A	-6.71	9/5/00	1104			2.30 71	52.4 734	0.09 1.3	489 13720	19.7	7.890	17.683	9,788	5.35		
W2A	-6.71	10/24/00	1117			2.36 73	53.3 747	0.11 1.5	524 14714	20.1	7.927	16.776	9,286	5.43		
W2A	-6.71	11/13/00	1057			2.41 75	85.0 1191	0.14 2.0	557 15630	19.9	7.897	14.512	8,033	5.82		
W2A	-6.71	12/18/00	1049			2.38 74	52.3 733	0.16 2.2	513 14416	19.9	7.906	17.607	9,746	5.24		
W2A	-6.71	1/22/01	1113			3.20 99	83.6 1171	0.18 2.5	532 14927	19.8	7.886	15.284	8,460	6.09		
W2A	-6.71	2/5/01	1118			2.88 89	85.1 1192	0.11 1.5	515 14467	19.7	7.894	16.556	9,164	5.68		
W2A	-6.71	3/5/01	1110			3.40 105	82.5 1156	0.07 1.0	506 14206	19.7	7.860	16.869	9,337	5.66		
W2A	-6.71	4/17/01	1110			4.02 125	95.8 1342	0.02 0.3	486 13647	19.8	7.834	17.673	9,782	6.12		
W2A	-6.71	5/15/01	1040			3.94 122	91.1 1277	0.09 1.3	447 12563	19.5	7.826	18.087	10,012	5.82		
W2A	-6.71	6/12/01	1119			4.65 144	99.5 1393	0.05 0.7	466 13085	19.4	7.831	18.425	10,199	5.84		
W2A	-6.71	7/25/01	920			4.55 141	79.6 1115	0.06 0.8	474 13304	19.4	7.807	18.699	10,350	5.03		
W2A	-6.71	8/20/01	901			3.80 118	83.4 1168	0.26 3.6	505 14183	19.4	7.839	17.378	9,619	6.27		
W2A	-6.71	9/19/01	1023			3.49 108	77.6 1087	0.09 1.3	503 14121	19.5	7.842	16.692	9,239	6.27		
W2A	-6.71	10/24/01	1015			3.34 103	70.1 982	0.06 0.8	452 12692	19.3	7.820	19.615	10,857	5.58		
W2A	-6.71	11/7/01	1050			3.46 107	73.4 1028	0.22 3.1	444 12467	19.3	7.805	19.850	10,987	5.59		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	12/19/01	1041			3.14 97	78.4 1098	0.12 1.7	485 13619	19.5	7.813	18.539	10,262	5.91		
W2A	-6.71	1/9/02	1021			3.20 99	65.4 916	0.20 2.8	483 13551	19.3	7.837	18.799	10,406	5.48		
W2A	-6.71	2/25/02	1100			2.84 88	75.1 1052	0.09 1.3	489 13725	19.3	7.962	17.394	9,628	7.12		
W2A	-6.71	3/20/02	1039			2.62 81	67.7 948	0.13 1.8	476 13355	19.4	7.987	17.858	9,885	6.91		
W2A	-6.71	4/10/02	1112			2.86 89	71.9 1007	0.01 0.1	475 13343	19.3	7.931	17.729	9,813	6.37		
W2A	-6.71	5/22/02	928			3.14 97	93.8 1314	0.15 2.1	491 13787	19.4	7.812	17.373	9,616	7.40		
W2A	-6.71	6/19/02	948			2.92 90	70.8 991	0.26 3.6	465 13065	19.3	7.857	18.892	10,457	6.24		
W2A	-6.71	7/22/02	937			2.90 90	68.5 959	0.09 1.3	484 13579	19.5	7.867	17.922	9,920	5.83		
W2A	-6.71	8/21/02	1006			2.95 91	69.3 971	0.18 2.5	488 13703	19.3	7.852	17.414	9,639	6.03		
W2A	-6.71	9/25/02	1159			2.94 91	72.0 1008	0.23 3.2	516 14484	19.6	7.886	16.726	9,258	7.25		
W2A	-6.71	10/15/02	919			2.75 85	54.0 756	0.16 2.2	470 13186	19.6	7.877	18.782	10,396	5.71		
W2A	-6.71	11/17/02	1113			3.29 102	69.2 969	0.03 0.4	490 13762	19.6	7.862	17.710	9,803	6.23		
W2A	-6.71	12/18/02	1141			2.91 90	65.4 916	0.18 2.5	485 13624	19.7	7.862	17.642	9,765	6.04		
W2A	-6.71	1/29/03	1105			2.56 79	65.8 922	<0.1 0.0	474 13315	19.2	7.892	18.197	10,073	6.04		
W2A	-6.71	2/10/03	1104			2.59 80	65.1 912	0.04 0.6	497 13961	19.2	7.893	17.877	9,895	6.22		
W2A	-6.71	3/20/03	1015			2.82 87	75.4 1056	0.17 2.4	521 14644	19.7	7.898	15.784	8,737	6.74		
W2A	-6.71	4/30/03	1111			2.90 90	65.7 920	0.12 1.7	501 14082	19.6	7.921	17.299	9,575	5.98		
W2A	-6.71	5/14/03	1022			2.96 92	68.9 964	0.29 4.1	496 13928	19.6	7.918	17.198	9,520	6.27		
W2A	-6.71	6/4/03	1110			2.85 88	68.2 956	0.23 3.2	473 13273	19.7	7.847	17.993	9,960	6.62		
W2A	-6.71	7/30/03	1044			3.12 97	82.7 1158	0.44 6.2	513 14411	19.3	7.905	16.286	9,015	6.43		
W2A	-6.71	8/28/03	1017			3.04 94	77.8 1089	0.42 5.9	489 13739	20.1	7.858	17.471	9,671	6.08		
W2A	-6.71	9/16/03	1056			3.14 97	66.9 937	0.46 6.4	477 13405	19.9	7.865	18.328	10,145	5.71		
W2A	-6.71	10/8/03	1056			2.72 84	63.4 888	0.95 13.3	475 13332	19.6	7.877	17.891	9,903	NA		
W2A	-6.71	11/5/03	1057			2.68 83	62.0 868	0.50 7.0	471 13234	19.4	7.883	18.450	10,213			
W2A	-6.71	11/14/03	1447							19.7				5.84		
W2A	-6.71	12/22/03	947			3.09 96	72.9 1021	1.00 14.0	497 13970	19.8	7.926	17.309	9,581	6.15		
W2A	-6.71	1/26/04	1038			2.74 85	73.9 1035	0.40 5.6	480 13475	19.3	7.875	18.097	10,017	5.61		
W2A	-6.71	2/11/04	1025			2.78 86	64.9 909	0.67 9.4	470 13211	19.5	7.861	18.218	10,084	5.84		
W2A	-6.71	3/16/04	1241			2.92 90	65.2 913	0.20 2.8	474 13318	20.0	7.883	17.951	9,936	5.61		
W2A	-6.71	4/20/04	1059			2.44 76	51.4 721	0.04 0.6	479 13442	19.5	7.887	17.628	9,758	5.97		
W2A	-6.71	5/11/04	1005			2.82 87	54.8 768	0.20 2.8	459 12891	19.5	7.955	18.38	10,174	5.97		
W2A	-6.71	6/2/04	1059			2.86 89	59.9 839	0.17 2.4	462 12973	19.5	7.870	17.85	9,880	5.96		
W2A	-6.71	7/14/04	1108			3.02 94	65.3 915	0.17 2.4	468 13136	19.5	7.866	18.29	10,124	5.89		
W2A	-6.71	8/23/04	1052			3.06 95	59.2 829	0.25 3.5	450 12624	19.5	7.865	18.85	10,434	5.75		
W2A	-6.71	9/27/04	933			3.28 102	70.1 982	0.16 2.2	504 14166	19.6	7.862	17.09	9,460	6.28		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	10/5/04	935			3.20 99	63.5 890	0.23 3.2	449 12613	19.6	7.878	19.17	10,611	5.80		
W2A	-6.71	11/9/04	1022			3.24 100	63.0 883	0.18 2.5	473 13276	19.8	7.865	17.99	9,958	5.82		
W2A	-6.71	12/6/04	1100			3.10 96	64.0 897	0.22 3.1	460 12917	19.7	7.889	18.43	10,201	5.84		
W2A	-6.71	1/10/05	1027			3.28 102	82.8 1159	0.08 1.1	506 14214	19.6	7.940	17.484	9,678	6.38		
W2A	-6.71	2/9/05	1024			3.30 102	95.9 1343	0.18 2.5	479 13442	19.9	7.951	16.570	9,172	6.46		
W2A	-6.71	3/15/05	1050			3.04 94	71.5 1001	0.14 2.0	477 13400	19.5	7.949	17.714	9,805	6.25		
W2A	-6.71	4/19/05	1002			2.98 92	65.6 918	0.16 2.2	469 13183	19.7	7.934	18.105	10,022	6.23		
W2A	-6.71	5/23/05	1048			2.98 92	70.0 980	0.21 2.9	477 13388	19.9	7.887	18.317	10,139	6.24		
W2A	-6.71	6/13/05	910			3.08 95	68.5 959	0.22 3.1	457 12821	19.8	7.901	18.982	10,507	6.16		
W2A	-6.71	7/18/05	1020			3.20 99	70.2 983	0.16 2.2	461 12950	19.8	7.878	18.841	10,429	6.07		
W2A	-6.71	8/9/05	1030			3.24 100	72.6 1016	0.20 2.8	462 12961	19.7	7.913	18.546	10,266	6.49		
W2A	-6.71	9/20/05	1018			3.40 105	80.5 1128	0.21 2.9	493 13838	19.5	7.918	16.883	9,345	7.07		
W2A	-6.71	10/17/05	1018			3.60 112	82.4 1154	0.12 1.7	494 13885	19.5	7.893	16.624	9,202	7.13		
W2A	-6.71	11/7/05	947			3.28 102	69.4 973	0.07 1.0	420 11782	19.2	7.897	20.552	11,376	6.29		
W2A	-6.71	12/21/05	916			3.14 97	64.4 902	0.21 2.9	415 11661	18.9	7.903	20.935	11,588	6.21		
W2A	-6.71	1/23/06	1018			3.10 96	69.9 979	0.20 2.8	456 12807	19.1	7.904	18.739	10,373	6.44		
W2A	-6.71	2/14/06	1033			3.24 100	72.8 1020	0.19 2.7	489 13745	18.7	7.921	16.961	9,388	6.87		
W2A	-6.71	3/20/06	936			3.09 96	70.7 990	0.20 2.8	472 13256	18.6	7.930	18.053	9,993	6.56		
W2A	-6.71	4/25/06	1005			2.90 90	69.7 976	0.08 1.1	458 12863	18.9	7.908	17.978	9,951	6.19		
W2A	-6.71	5/22/06	1035			2.72 84	64.1 898	0.18 2.5	428 12021	19.0	7.884	19.657	10,881	6.64		
W2A	-6.71	6/26/06	1048			2.94 91	76.8 1076	0.12 1.7	477 13397	19.9	7.929	17.143	9,489	6.97		
W2A	-6.71	7/20/06	1053			2.50 77	58.0 812	0.21 2.9	419 11768	19.3	7.892	20.219	11,192	6.75		
W2A	-6.71	8/7/06	1110			2.65 82	68.0 952	0.20 2.8	440 12358	18.8	7.912	19.313	10,690	8.13		
W2A	-6.71	9/18/06	1033			2.62 81	66.1 926	0.21 2.9	437 12273	19.0	7.898	19.209	10,633	6.45		
W2A	-6.71	10/23/06	1010			3.01 93	83.1 1164	0.26 3.6	469 13172	19.0	7.914	17.582	9,732	7.6		
W2A	-6.71	11/27/06	1021			2.69 83	66.4 930	0.20 2.8	423 11880	19.0	7.915	20.250	11,209	6.43		
W2A	-6.71	12/11/06	1049			2.79 86	67.7 948	0.14 2.0	429 12049	19.0	7.910	19.686	10,897	6.58		
W2A	-6.71	1/8/07	1141			2.91 90	74.3 1041	0.28 3.9	442 12414	18.9	7.934	17.927	9,923	6.95		
W2A	-6.71	2/20/07	1110			3.21 99	87.2 1221	0.37 5.2	475 13341	19.1	7.932	16.319	9,033	7.14		
W2A	-6.71	3/5/07	1108			3.16 98	87.5 1226	0.28 3.9	486 13650	19.0	7.919	16.811	9,305	7.07		
W2A	-6.71	4/18/07	1107			2.97 92	76.4 1070	0.28 3.9	481 13509	19.5	7.955	17.178	9,508	6.7		
W2A	-6.71	5/1/07	1056			2.85 88	68.3 957	0.31 4.3	449 12610	19.0	7.935	18.803	10,408	6.45		
W2A	-6.71	6/18/07	1050			3.07 79	71.9 1006	0.26 23.4	471 11465	19.5	7.983	17.617	9,751	7.16		
W2A	-6.71	7/26/07	1321	-1.88	0.64 Flood	2.95 91	77.7 1088	0.11 1.6	475 13328	18.5	7.87	20.22	11,192	6.44		
W2A	-6.71	8/28/07	1130	-2.23	0.08 Flood	3.15 98	78.6 1101	0.04 0.6	541 15189	18.7	7.85	18.54	10,262	6.45		

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	9/13/07	1134	-2.23	0.15 Low	2.96 92	71.4 1000	1.37 19.2	481 13511	19.6	7.96	18.51	10,246	6.36		
W2A	-6.71	10/24/07	1416	-2.06	0.46 Flood	2.56 79	71.8 1006	1.67 23.4	408 11465	19.0	7.97	20.17	11,165	6.13		
W2A	-6.71	11/26/07	1127	-2.31	0.15 Ebb	2.90 90	84.1 1178	0.05 0.7	508 14279	19.1	7.94	16.92	9,366	6.46		
W2A	-6.71	12/20/07	1223	-2.03	0.23 High	2.64 82	77.1 1080	0.61 8.5	372 10453	18.6	8.02	18.86	10,439	6.05		
W2A	-6.71	1/28/08	1249	-2.23	0.09 Ebb	1.71 53	47.1 660	0.38 5.3	236 6635	19.0	7.79	17.33	9,593	6.05		
W2A	-6.71	2/27/08	1046	-2.08	0.12 Ebb	2.83 88	79.4 1111	0.29 4.1	448 12579	18.8	7.79	17.69	9,792	6.73		
W2A	-6.71	3/20/08	1118	-2.29	0.00 Low	2.65 82	75.6 1059	0.82 11.5	368 10348	18.8	7.87	18.82	10,417	6.31		
W2A	-6.71	4/28/08	1113	-2.19	0.18 High	2.39 74	70.2 983	0.19 2.6	425 11926	18.8	7.86	18.90	10,462	5.96		
W2A	-6.71	5/30/08	1210	-1.88	0.49 Flood	2.21 68	61.2 858	0.21 2.9	412 11570	18.9	7.83	20.31	11,242	5.74		
W2A	-6.71	6/26/08	951	-1.98	0.37 High	2.39 74	64.7 907	0.29 4	532 14950	19.1	7.87	19.96	11,048	6.05	1.31	
W2A	-6.71	7/25/08	1151	-1.85	0.55 High	2.37 73	62.1 870	0.20 2.8	309 8686	18.6	7.65	19.17	10,611	6.40		
W2A	-6.71	8/30/08	944		0.03 Low	2.34 73	72.8 1020	0.17 2.4	516 14479	18.8	7.83	17.43	9,648	6.80		
W2A	-6.71	9/19/08	942	-1.49	0.52 Ebb	2.32 72	68.5 959	0.79 11.1	299 8410	21.5	7.74	16.90	9,355	6.65	4.74	
W2A	-6.71	10/27/08	1239	-2.08	0.27 Flood	2.75 85	84.6 1185	0.29 4.1	481 13505	21.4	7.61	16.19	8,962	7.03	2.87	
W2A	-6.71	11/10/08	1021	-2.11	0.24 Flood	4.31 134	83.9 1176	0.09 1.3	448 12590	20.9	7.87	15.45	8,552	7.00	2.36	
W2A	-6.71	12/15/08	948	-1.90	0.43 Ebb	2.73 85	88.7 1242	0.01 0.2	449 12597	20.9	8.03	16.31	9,028	7.44		
W2A	-6.71	1/23/09	1326	-2.23	0.15 High	2.97 92	96.8 1356	1.13 15.8	456 12803	21.2	7.97	15.30	8,469	7.25	0.83	
W2A	-6.71	2/23/09	1450	-2.13	0.24 Flood	2.70 84	90.8 1272	0.32 4.5	472 13261	20.1	7.90	15.13	8,375	7.61	0.79	
W2A	-6.71	3/13/09	1440	-2.24	0.24 Flood	2.27 70	56.9 797	0.51 7.1	345 9676	20.0	7.87	15.82	8,757	7.38	0.42	
W2A	-6.71	4/20/09	1218	-2.17	0.30 Flood	3.85 119	96.7 1354	3.23 45.2	400 11243	20.8	7.78	14.67	8,120	7.75	13.40	
W2A	-6.71	5/21/09	1426	-1.89	0.61 High	2.81 87	76.8 1076	1.90 26.6	464 13032	19.2	7.93	17.78	9,842	6.90	0.52	
W2A	-6.71	6/16/09	1100	-2.02	0.40 Flood	3.16 98	27.7 389	0.94 13.2	320 8996	19.2	7.64	17.69	9,792	6.76	13.40	
W2A	-6.71	7/13/09	1504	-2.18	0.21 Flood	2.67 83	70.1 982	0.23 3.2	220 6183	19.0	7.94	17.29	9,570	7.15	0.28	
W2A	-6.71	8/18/09	1403	-1.68	0.70 Flood	2.75 85	73.9 1036	0.74 10.4	558 15664	19.2	7.81	19.85	10,987	6.84	0.21	
W2A	-6.71	9/21/09	1357	-2.25	0.18 Flood	2.67 83	76.6 1073	0.49 6.8	186 5211	19.5	8.36	17.44	9,653	7.35	0.28	
W2A	-6.71	10/19/09	1111	-2.34	0.12 Low	1.94 60	63.8 893	0.41 5.7	156 4385	19.7	8.18	16.70	9,244	7.10	0.10	
W2A	-6.71	11/16/09	1340	-2.28	0.18 Flood	2.76 85	77.6 1087	0.79 11.1	345 9691	19.6	7.92	17.37	9,615	6.98	0.16	
W2A	-6.71	12/7/09	1325	-2.22	0.18 Ebb	3.03 94	96.2 1347	0.61 8.6	464 13028	19.6	7.89	16.43	9,094	6.85	0.08	
W2A	-6.71	1/5/10	1049	-2.02	0.30 Ebb	3.13 97	87.5 1225	1.14 16	430 12080	19.9	7.89	16.18	8,956	6.86	0.14	
W2A	-6.71	2/1/10	1123	-2.18	0.00 Ebb	3.07 95	97.3 1363	0.79 11	363 10206	19.8	7.97	15.69	8,685	6.97	4.83	
W2A	-6.71	3/9/10	1109	-2.26	0.12 Flood	3.58 111	86.5 1211	0.29 4	495 13913	19.2	7.94	15.34	8,491	6.96	1.02	
W2A	-6.71	4/6/10	1015	-2.35	0.15 Flood	3.49 108	93.8 1314	0.57 8	500 14031	19.0	7.94	15.59	8,629	7.58	0.15	
W2A	-6.71	5/11/10	1036	-2.31	0.09 Flood	2.97 92	79.7 1116	1.21 17	428 12015	19.0	8.00	15.60	8,635	7.50	0.16	
W2A	-6.71	6/15/10	1118	-2.42	0.06 Low	3.26 101	92.2 1291	0.57 8	537 15087	19.3	7.96	15.57	8,618	7.61	0.16	
W2A	-6.71	7/13/10	1035	-2.32	0.00 Low	2.81 87	86.8 1216	0.43 6	517 14514	19.5	7.94	15.88	8,790	7.09	0.38	

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	8/3/10	1017	-1.87	0.52 Flood	3.07 95	80.7 1130	0.29 4	481 13514	19.1	7.94	17.78	9,842	6.94	0.33	
W2A	-6.71	9/14/10	1027	-1.79	0.58 Ebb	2.84 88	81.5 1142	0.61 8.6	489 13745	19.2	7.91	18.27	10,113	7.03	0.12	
W2A	-6.71	10/12/10	1045	-1.93	0.55 Ebb	2.81 87	79.2 1109	0.22 3.1	491 13777	19.5	7.94	18.55	10,268	7.05	0.12	
W2A	-6.71	11/16/10	1001	-2.00	0.27 Flood	3.03 94	84.8 1188	0.27 3.8	501 14084	19.2	7.89	17.33	9,593	7.07	2.50	
W2A	-6.71	12/14/10	1042	-1.97	0.37 High	3.07 95	89.2 1249	0.37 5.2	503 14116	19.2	7.92	16.90	9,355	7.26	0.12	
W2A	-6.71	1/4/11	1028	-2.19	0.06 Ebb	3.16 98	87.2 1222	0.66 9.3	490 13771	19.2	7.89	16.75	9,272	7.20	0.21	
W2A	-6.71	4/5/11	1100	-2.33	-0.06 Low	3.26 101	91.7 1284	0.17 2.4	485 13608	19.2	7.88	15.70	8,690	6.26	0.26	
W2A	-6.71	7/12/11	1025	-2.32	0.18 Flood	3.26 101	86.5 1212	0.16 2.3	503 14121	19.3	7.90	16.38	9,067	6.99	0.09	
W2A	-6.71	10/11/11	1044	-2.21	0.12 Low	3.13 97	84.1 1178	0.25 3.5	494 13869	19.6	7.91	16.71	9,249	7.39	0.24	
W2A	-6.71	1/10/12	1040	-2.25	0.06 Ebb	2.94 91	77.5 1086	0.37 5.2	472 13248	19.3	7.88	17.56	9,720	7.26	0.52	
W2A	-6.71	5/1/12	1054	-2.07	0.34 Flood	3.45 107	84.9 1189	0.19 2.7	496 13940	18.8	7.97	17.83	9,869	6.92	0.41	
W2A	-6.71	7/18/12	959	-2.37	0.00 Flood	3.45 107	91.0 1275	0.49 6.9	500 14037	19.4	7.89	16.44	9,100	7.50	1.28	
W2A	-6.71	10/16/12	1039	-2.18	0.09 Ebb	3.33 103	90.1 1262	0.31 4.4	538 15102	19.2	7.90	17.10	9,465	7.16	0.45	
W2A	-6.71	1/8/13	1105	-2.16	0.15 Flood	3.78 117	87.7 1229	0.54 7.5	532 14954	19.0	7.83	17.09	9,460	7.29	1.55	
W2A	-6.71	4/9/13	1045	-2.36	-0.03 Flood	3.68 114	90.8 1272	0.41 5.7	508 14264	19.1	7.96	16.20	8,967	7.59	0.51	
W2A	-6.71	7/17/13	1131	-1.94	0.58 Flood	3.07 95	80.0 1121	0.42 5.9	433 12159	19.2	7.90	18.97	10,500	6.66	0.05	
W2A	-6.71	10/15/13	1026	-2.07	0.30 Flood	3.29 102	85.2 1193	0.37 5.2	447 12556	19.3	7.89	18.86	10,439	7.29	0.08	
W2A	-6.71	1/15/14	1007	-2.23	0.06 Ebb	3.55 110	87.5 1225	0.47 6.6	458 12873	19.4	7.93	17.05	9,438	7.00	0.34	
W2A	-6.71	4/29/14	1124	-2.41	0.00 Flood	3.39 105	93.5 1309	0.70 9.8	462 12974	19.4	7.86	16.43	9,094	7.69	2.42	
W2A	-6.71	7/29/14	1054	-2.26	0.12 Low	3.71 115	106.7 1495	0.79 11	481 13513	19.7	7.84	16.86	9,332	7.10	0.97	
W2A	-6.71	11/5/14	1101	-2.11	0.15 Flood	3.91 121	90.2 1263	0.64 9	449 12617	19.7	7.82	17.75	9,825	7.44	1.01	
W2A	-6.71	2/10/15	1052	-2.06	0.80 High	4.62 143.2	130.5 1828	0.80 11.2	598 16804	20.0	7.94	17.18	9,510	7.18	2.64	
W2A	-6.71	5/19/15	1523	-1.96	1.60 Flood	3.30 102.3	80.5 1127	0.31 4.3	389 10938	19.4	7.88	19.81	10,965	7.00	0.24	
W2A	-6.71	7/21/15	1155	-2.16	0.50 Low	3.97 123	101.8 1425	0.21 3	455 12790	20.2	7.90	17.08	9,454	7.15	0.28	
W2A	-6.71	11/9/15	1001	-2.07	0.20 Flood	3.87 119.8	86.9 1217	0.01 0.1	492 13827	19.9	7.85	16.48	9,122	7.78	0.07	
W2A	-6.71	1/26/16	1447	-2.25	0.25 Flood	3.73 115.4	98.1 1375	0.01 0.1	452 12691	19.3	7.85	17.02	9,421	7.09	0.25	
W2A	-6.71	4/22/16	1054	-2.25	-0.05 Low	3.94 122.1	84.4 1183	0.37 5.2	451 12666	19.7	7.76	15.87	8,784	7.54	0.03	
W2A	-6.71	7/20/16	1541	-1.90	0.45 Flood	2.93 90.7	66.7 935	0.32 4.5	332 9311	19.5	7.81	20.66	11,436	6.55	0.11	
W2A	-6.71	11/7/16	1146	-1.81	0.45 Ebb	3.17 98.3	69.4 972	0.00 0	361 10143	19.8	7.90	18.97	10,500	7.75	0.04	
W2A	-6.71	3/21/17	1430	-2.04	0.13 Ebb	3.38 104.6	78.3 1097	0.27 3.8	461 12959	19.3	7.79	17.11	9,471	7.22	0.06	
W2A	-6.71	4/13/17	1039	-2.24	0.07 Low	3.26 101	82.7 1158	0.24 3.3	497 13954	19.4	7.86	16.67	9,227	6.01	0.06	
W2A	-6.71	8/4/17	1027	-2.03	0.25 Flood	2.85 88.3	64.3 901	0.12 1.7	440 12346	19.3	7.83	18.15	10,046	7.50	0.08	
W2A	-6.71	10/18/17	1626	-1.75	0.50 Ebb	3.03 93.9	70.9 994	0.28 3.9	401 11251	19.4	7.87	19.23	10,644	6.96	0.04	
W2A	-6.71	1/17/18	1123	-2.19	0.11 Low	3.09 95.6	80.3 1125	0.17 2.4	462 12964	19.4	7.85	16.73	9,260	6.29	0.04	
W2A	-6.71	5/9/18	1020	-2.15	0.25 Flood	3.13 96.9	82.6 1157	0.09 1.2	444 12463	19.2	7.84	17.41	9,637	7.45	0.03	

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W2A	-6.71	8/20/18	952	-2.01	0.37 Flood	3.27 101.3	79.3 1111	0.01 0.1	453 12722	20.6	7.82	18.19	10,069	6.97	0.21	
W2A	-6.71	10/24/18	940	-2.10	0.10 Low	2.99 92.6	78.0 1092	0.04 0.6	445 12498	20.2	7.83	17.49	9,681	6.13	0.06	
W2A	-6.71	2/7/19	934	-2.06	0.30 Ebb	3.26 101.1	101.8 1426	0.01 0.1	431 12106	19.5	7.67	17.38	9,620	7.47	0.12	
W2A	-6.71	5/15/19	1139	-2.16	0.40 Flood	3.37 104.5	79.3 1111	0.01 0.2	423 11892	19.3	7.67	17.15	9,493	7.40	0.07	
W2A	-6.71	8/28/19	929	-2.22	0.05 Flood	3.54 109.6	76.0 1064	0.23 3.2	446 12534	19.5	7.92	17.04	9,432	7.43	0.09	
W2A	-6.71	10/10/19	1517	-1.71	0.55 High	3.24 100.4	53.8 753	0.42 5.9	404 11340	19.5	7.89	19.17	10,611	7.59	0.13	
W2A	-6.71	1/31/20	1432	-2.22	0.07 Low	3.72 115.1	93.2 1306	-0.69 -9.7	474 13318	19.4	7.93	17.80	9,853	7.33	0.06	
W2A	-6.71	6/2/20	1417	-1.65	0.59 High	2.58 79.8	65.9 923	0.03 0.4	403 11328	19.7	7.88	19.93	11,032	6.57	0.06	
W2A	-6.71	8/18/20	1005	-2.17	-0.02 Low	2.47 76.4	79.8 1118	-0.04 -0.5	448 12572	20.4	7.90	15.80	8,746	7.03	0.17	
W2A	-6.71	12/9/20	1154	-1.74	0.52 High	3.40 105.4	85.0 1191	0.17 2.4	426 11967	19.8	7.83	18.54	10,262	7.00	0.27	
W2A	-6.71	2/17/21	1424	-2.16	0.04 Low	3.36 104.2	88.7 1243	0.14 2	448 12576	19.6	7.86	16.18	8,956	7.50	0.07	
W2A	-6.71	4/14/21	955	-2.26	-0.05 Low	3.04 94.2	92.1 1290	0.13 1.8	457 12838	19.7	7.80	15.92	8,812	7.35	0.05	
W2A	-6.71	7/6/21	1155	-2.04	0.42 Flood	3.19 98.9	86.4 1210	0.14 2	442 12408	19.8	7.77	17.85	9,880	6.93	0.12	
W2A	-6.71	11/5/21	1312	-2.20	0.30 Flood	2.97 92	79.9 1119	0.18 2.5	442 12416	20.2	7.71	17.29	9,570	7.12	0.37	
W2A	-6.71	2/4/22	1100	-2.11	0.04 Low	3.09 95.6	101.2 1417	0.06 0.9	508 14254	19.6	7.81	16.45	9,106	7.40	0.16	
W2A	-6.71	4/20/22	959	-2.33	-0.05 Low	2.90 89.9	81.9 1147	0.44 6.1	455 12784	19.6	7.83	16.50	9,133	7.35	0.05	
W2A	-6.71	7/12/22	1005	-2.40	0.00 Flood	3.38 104.7	89.4 1252	-0.40 -5.6	475 13340	19.8	7.86	15.82	8,757	7.53	0.06	
W2A	-6.71	11/21/22	1415	-2.26	0.40 High	3.18 98.4	83.5 1170	0.03 0.4	421 11834	19.9	7.88	16.50	9,133	7.36	0.24	
W2A	-6.71	1/25/23	1203	-2.20	0.03 Low	3.14 97.2	87.2 1222	0.21 3	447 12558	19.8	7.82	16.42	9,089	7.43	0.07	
W2A	-6.71	4/25/23	1148	-2.34	0.02 Low	3.64 112.8	89.5 1253	0.07 1	459 12893	19.6	7.83	15.77	8,729	7.48	0.32	
W2A	-6.71	8/14/23	1206	-2.05	0.38 Flood	3.47 107.4	83.4 1168	-0.06 -0.8	461 12944	19.9	7.83	16.19	8,962	7.23	0.53	
W2A	-6.71	11/15/23	1035	-1.97	0.20 Low	3.30 102.2	84.2 1179	0.03 0.4	426 11953	20.0	7.90	16.35	9,050	7.29	0.30	169.0
W2A	-6.71	1/23/24	1200	-2.11	0.60 Flood	2.92 90.4	77.2 1082	0.07 1	452 12682	19.8	7.90	15.91	8,807	7.37	0.10	136.7
W2A	-6.71	5/3/24	1028	-2.12	0.25 Flood	3.06 94.8	77.9 1091	0.01 0.1	441 12388	19.7	7.86	15.92	8,812	7.35	0.94	186.2
W2A	-6.71	7/30/24	944	-1.94	0.40 Flood	2.85 88.4	83.5 1170	0.04 0.5	426 11961	20.2	7.87	16.81	9,305	7.22	0.27	56.2
W2A	-6.71	10/11/24	1401	-1.89	0.45 Ebb	2.72 84.3	63.9 896	0.18 2.5	193 5421	20.0	7.89	15.95	8,829	7.43	0.77	153.2
W2A	-6.71	1/9/25	948	-2.01	0.25 Flood	2.90 89.8	79.9 1119	0.30 4.2	414 11626	19.2	7.89	17.06	9,443	7.34	0.07	219.3
W2A	-6.71	5/13/25	1051	-2.21	0.00 Flood	3.04 94.2	87.2 1222	0.02 0.3	448 12578	19.5	7.87	15.33	8,486	7.56	0.22	203.4
W2A	-6.71	7/29/25	1223	-1.99	0.14 Low	3.05 94.4	84.6 1185	0.10 1.4	437 12272	19.5	7.85	16.00	8,856	7.53	0.68	149.3
W2A	-6.71	12/17/25	1005	-2.20	0.20 Flood	3.77 116.88	91.4 1280	0.00 0	1184 33243	19.6	7.83	15.69	8,685	7.53	0.28	265.0

NELHA Water Quality Laboratory

Well 2A Data Table

6/29/1990 - 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
Mean				-2.11	0.26	2.80 87	68 952	0.25 3.6	485 13611	19.6	7.90	17.00	9,409	6.40	0.83	170.9
Std. Dev.				0.18	0.24	0.49 15	15 214	0.37 5.3	76 2134	0.5	0.08	1.39	767	0.70	2.12	58.7
Maximum				-1.49	1.60	4.65 144	131 1828	3.60 50.4	1184 33243	21.5	8.36	20.94	11,588	8.13	13.40	265.0
Minimum				-2.42	-0.06	1.71 53	28 389	-0.69 -9.7	156 4385	17.6	7.61	13.16	7,282	4.89	0.03	56.2
n				101	102	309 309	309 309	307 309	302 302	309	308	308	308	307	88	9