

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1989 - 12/21/2025

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)
W2B	-3.96	6/28/89				3.65 113	86.4 1210	0.06 0.8		20.3	7.928	7.182	3,975	8.36		
W2B	-3.96	8/11/89	1114			2.62 81	50.6 709	0.10 1.4		20.4	7.872	7.346	4,066	8.27		
W2B	-3.96	8/16/89	1020			3.55 110	67.5 945	0.10 1.4		20.4	7.779	7.326	4,055	8.62		
W2B	-3.96	8/23/89	1015			3.23 100	55.2 773	0.10 1.4		19.7	7.840	7.724	4,275	8.25		
W2B	-3.96	8/30/89	1055			3.31 103	58.5 819	0.10 1.4		20.3	7.890	7.355	4,071	8.19		
W2B	-3.96	8/30/89	1055			3.31 103	65.7 920	0.15 2.1								
W2B	-3.96	10/31/89	1010			3.60 112	81.8 1146	0.03 0.4	711 19969	20.0	7.909	7.667	4,244	8.05		
W2B	-3.96	11/16/89	838			3.55 110	84.5 1184	0.06 0.8	674 18930	20.4	7.419	8.821	4,883	8.39		
W2B	-3.96	12/13/89	1105			3.58 111	83.7 1172	0.00 0.0	684 19210	20.1	7.921	8.485	4,697	8.87		
W2B	-3.96	1/11/90	859			3.06 95	70.7 990	0.00 0.0	730 20502	20.1	7.973	7.282	4,031	8.06		
W2B	-3.96	2/14/90	1035			3.44 107	71.4 1000	0.00 0.0	734 20615	20.5	7.861	7.282	4,031	8.49		
W2B	-3.96	3/6/90	1408			3.02 94	76.7 1074	0.03 0.4	653	20.2	7.985	6.354	3,517	8.19		
W2B	-3.96	4/4/90	1155			3.35 104	81.3 1139	0.36 5.0	698 19604	20.3	8.054	6.889	3,813	7.69		
W2B	-3.96	5/17/90	1449			3.31 103	81.7 1144	0.00 0.0	651 18284	20.6	7.985	7.417	4,106	8.00		
W2B	-3.96	6/16/90	1356			2.46 76	78.9 1105	0.62 8.7	652 18312	20.5	8.028	7.754	4,292	7.95		
W2B	-3.96	7/17/90	1433			3.77 117	78.0 1093	0.03 0.4	658 18480	20.5	8.020	7.978	4,416	7.99		
W2B	-3.96	8/8/90	1418			3.22 100	81.3 1139	0.15 2.1	663 18621	20.7	8.014	7.616	4,216	7.98		
W2B	-3.96	9/5/90	1454			3.41 106	80.6 1129	0.00 0.0		20.7	8.024	7.828	4,333	7.98		
W2B	-3.96	10/4/90	1400			3.42 106	78.0 1092	0.00 0.0	664 18649	20.7	7.999	7.613	4,214	8.70		
W2B	-3.96	11/1/90	1414			3.36 104	80.1 1121	0.08 1.1	791 22204	20.7	7.990	7.682	4,252	7.93		
W2B	-3.96	12/10/90	1443			3.30 102	81.8 1146	0.14 2.0	652 18312	20.5	7.978	7.422	4,108	7.89		
W2B	-3.96	1/9/91	1035			3.41 106	81.9 1147	0.12 1.7	647 18171	20.5	8.026	7.047	3,901	8.13		
W2B	-3.96	2/6/91	1031			3.15 98	65.5 918	0.07 1.0	586 16458	20.6	8.006	6.493	3,594	8.23		
W2B	-3.96	3/6/91	1049			3.20 99	80.8 1132	0.18 2.5	650 18256	20.3	8.014	6.952	3,848	8.24		
W2B	-3.96	4/3/91	1035			3.05 94	65.9 923	0.00 0.0	645 18115	20.2	7.998	7.372	4,081	8.15		
W2B	-3.96	5/22/91	1100			3.01 93	39.7 556	0.00 0.0	748 21008	20.6	8.015	7.253	4,015	8.08		
W2B	-3.96	6/26/91	1128			3.08 95	84.3 1181	0.00 0.0	665 18677	20.5	8.009	7.553	4,181	8.26		
W2B	-3.96	7/24/91	1124			2.59 80	61.1 856	0.00 0.0	651 18284		8.020	7.427	4,111	8.29		
W2B	-3.96	8/23/91	1027			3.19 99	88.3 1237	0.00 0.0	681 19126	20.6	7.983	7.250	4,013	8.40		
W2B	-3.96	9/24/91	1026			3.17 98	77.3 1083	0.00 0.0	655 18396	20.6	7.950	8.078	4,471	8.21		
W2B	-3.96	10/23/91	1038			2.98 92	79.6 1115	0.00 0.0	922 25895	20.6	7.989	7.730	4,279	8.21		
W2B	-3.96	11/20/91	1023			3.73 116	76.7 1074	0.00 0.0	768 21570	20.4	7.970	7.517	4,161	8.07		
W2B	-3.96	12/11/91	1031			3.23 100	81.3 1139	0.00 0.0	659 18508	20.4	7.981	7.639	4,228	7.98		
W2B	-3.96	1/29/92	1025			3.56 110	80.6 1129	0.00 0.0	656 18424	20.3	7.994	7.526	4,166	8.39		
W2B	-3.96	2/19/92	1046			3.15 98	75.7 1060	0.00 0.0	611 17160	20.4	7.990	8.198	4,538	8.12		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1989 - 12/21/2025

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)
W2B	-3.96	3/17/92	1000			3.12 97	80.2 1123	0.00 0.0	662 18593	20.4	8.006	7.543	4,175	8.36		
W2B	-3.96	4/8/92	954			3.24 100	79.7 1116	0.00 0.0	645 18115	20.4	7.988	7.755	4,293	8.42		
W2B	-3.96	5/6/92	1035			3.25 101	79.3 1111	0.00 0.0	701 19688	20.6	7.977	7.745	4,287	8.50		
W2B	-3.96	6/23/92	1009			3.25 101	80.5 1128	0.07 1.0	711 19969	20.5	7.987	7.639	4,228	8.47		
W2B	-3.96	7/29/92	945			3.10 96	77.1 1079	ND 0.0	692 19435	20.6	7.938	7.819	4,328	8.38		
W2B	-3.96	8/25/92	950			3.45 107	75.9 1063	0.00 0.0	706 19828	20.6	7.969	7.974	4,414	8.17		
W2B	-3.96	9/22/92	1031			3.29 102	85.8 1202	0.00 0.0	711 19969	20.6	7.992	7.827	4,332	8.19		
W2B	-3.96	10/27/92	1017			3.39 105	81.4 1140	0.00 0.0	697 19576	20.7	7.933	8.395	4,647	8.22		
W2B	-3.96	11/17/92	1018			3.29 102	86.6 1213	0.72 10.1	695 19519	20.4	8.007	7.757	4,294	8.32		
W2B	-3.96	12/8/92	942			2.74 85	83.6 1171	0.15 2.1	700 19660	19.8	7.982	8.006	4,432	8.25		
W2B	-3.96	1/26/93	1000			3.21 99	84.7 1187	0.12 1.7	688 19309	20.3	7.969	8.197	4,537	8.23		
W2B	-3.96	2/23/93	948			3.18 98	84.7 1186	0.00 0.0	708 19885	20.3	7.999	7.932	4,391	8.30		
W2B	-3.96	3/16/93	939			3.29 102	84.5 1183	0.11 1.5	707 19862	20.0	8.008	7.960	4,406	8.34		
W2B	-3.96	4/27/93	938			3.30 102	88.1 1235	0.05 0.7	719 20185	20.3	8.000	7.744	4,287	8.34		
W2B	-3.96	5/25/93	930			3.26 101	86.3 1209	0.00 0.0	710 19935	20.4	7.985	8.030	4,445	8.32		
W2B	-3.96	6/28/93	958			3.24 100	86.4 1210	0.00 0.0	707 19856	20.5	8.000	7.865	4,353	8.30		
W2B	-3.96	8/31/93	900			3.36 104	86.6 1213	0.00 0.0	713 20025	20.5	7.988	7.859	4,350	8.39		
W2B	-3.96	10/26/93	845			3.41 106	88.7 1242	0.27 3.8	671 18845	20.5	8.012	7.614	4,215	8.23		
W2B	-3.96	3/1/94	827			3.50 108	88.0 1233	0.13 1.8	642 18031	20.2	7.958	8.291	4,589	7.84		
W2B	-3.96	6/21/94	923			3.38 105	86.1 1207	0.03 0.4	654 18372	20.4	7.989	8.092	4,479	8.35		
W2B	-3.96	8/23/94	953			3.38 105	87.8 1229	0.19 2.7	772 21690	20.6	8.051	8.496	4,703	8.22		
W2B	-3.96	10/25/94	1011			3.41 106	83.0 1163	0.26 3.6	645 18101	20.4	8.030	8.162	4,518	8.18		
W2B	-3.96	1/24/95	1009			3.46 107	84.8 1188	0.14 2.0	636 17862	20.1	8.052	8.351	4,622	8.02		
W2B	-3.96	2/14/95	946			3.41 106	87.0 1218	0.38 5.3	642 18039	20.2	8.035	8.305	4,597	8.16		
W2B	-3.96	3/14/95	1036			3.46 107	86.0 1205	0.04 0.6	640 17975	20.4	8.013	8.003	4,430	8.30		
W2B	-3.96	4/26/95	1025			3.41 106	87.4 1224	0.08 1.1	638 17919	20.5	8.000	7.879	4,361	8.16		
W2B	-3.96	5/8/95	1029			3.42 106	85.8 1201	0.14 2.0	629 17671	20.5	7.972	8.179	4,527	8.10		
W2B	-3.96	6/27/95	1004			3.44 107	86.3 1209	0.27 3.8	647 18180	20.6	8.015	7.994	4,425	8.27		
W2B	-3.96	7/25/95	1018			3.34 103	86.6 1213	0.09 1.3	641 18000	20.5	7.981	8.422	4,662	7.80		
W2B	-3.96	8/22/95	1107			3.41 106	84.6 1185	0.27 3.8	649 18213	21.8	7.971	8.024	4,441	7.86		
W2B	-3.96	9/11/95	1030			3.29 102	83.8 1173	0.12 1.7	641 18000	20.2	8.000	8.475	4,691	7.98		
W2B	-3.96	10/16/95	1055			3.30 102	82.7 1158	0.31 4.3	625 17548	20.9	8.067	9.400	5,203	7.66		
W2B	-3.96	11/6/95	1059			3.28 102	83.5 1170	0.16 2.2	661 18576	20.6	8.034	8.619	4,771	7.86		
W2B	-3.96	12/4/95	1046			3.28 102	82.3 1153	0.05 0.7	627 17618	20.5	7.996	9.273	5,133	9.42		
W2B	-3.96	1/29/96	1158			3.34 103	84.1 1178	0.02 0.3	644 18081	21.2	8.019	8.153	4,513	8.04		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1999 - 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)
W2B	-3.96	2/26/96	1156			3.34 103	83.7 1172	0.14 2.0	633 17791	20.8	7.997	8.154	4,513	8.12		
W2B	-3.96	3/5/96	1053			3.20 99	88.3 1237	0.14 2.0	624 17516	20.8	8.047	7.990	4,423	8.17		
W2B	-3.96	4/1/96	1126			3.30 102	84.3 1181	0.29 4.1	629 17659	21.1	7.977	8.203	4,541	8.07		
W2B	-3.96	5/8/96	1138			3.42 106	82.7 1159	0.05 0.7	637 17896	21.0	7.966	8.416	4,658	8.04		
W2B	-3.96	6/17/96	1054			3.38 105	84.7 1187	0.17 2.4	676 18981	20.7	8.016	8.183	4,530	8.14		
W2B	-3.96	7/16/96	1101			3.29 102	83.7 1173	0.18 2.5	659 18516	21.4	8.001	8.355	4,625	7.97		
W2B	-3.96	8/5/96	1143			3.31 103	82.7 1158	0.23 3.2	616 17292	21.4	7.989	9.404	5,205	7.75		
W2B	-3.96	9/3/96	1105			3.29 102	83.0 1162	0.20 2.8	648 18197	21.3	7.991	8.926	4,941	7.87		
W2B	-3.96	10/8/96	1113			3.41 106	85.9 1203	0.10 1.4	632 17751	21.2	7.983	7.894	4,370	8.13		
W2B	-3.96	11/4/96	1130			3.38 105	87.3 1223	0.20 2.8	662 18579	21.2	7.974	7.915	4,381	8.14		
W2B	-3.96	12/16/96	1105			3.26 101	86.8 1216	0.29 4.1	638 17911	21.0	7.985	8.487	4,698	8.03		
W2B	-3.96	1/13/97	1146			3.15 98	77 1084	0.02 0.3	609 17101	21.2	7.972	7.433	4,114	8.19		
W2B	-3.96	2/11/97	1153			3.05 94	81 1130	0.12 1.7	623 17497	21.3	7.979	7.141	3,953	8.23		
W2B	-3.96	3/11/97	1123			3.17 98	84 1172	0.04 0.6	629 17669	21.0	8.011	7.375	4,082	8.27		
W2B	-3.96	4/22/97	1134			3.14 97	87 1217	0.13 1.8	535 15037	21.3	8.014	7.588	4,200	7.86		
W2B	-3.96	5/27/97	1039			3.33 103	88 1230	0.02 0.3	528 14821	20.4	8.014	7.371	4,080	9.84		
W2B	-3.96	6/16/97	1100			3.31 103	83 1169	0.24 3.4	516 14495	20.3	8.036	7.500	4,151	8.15		
W2B	-3.96	7/16/97	1012			3.36 104	85 1185	0.12 1.7	636 17874	20.7	8.016	7.465	4,132	8.09		
W2B	-3.96	8/25/97	1108			3.43 106	81 1141	0.21 2.9	674 18924	21.3	8.095	7.731	4,279	9.28		
W2B	-3.96	9/22/97	1025			3.21 99	79 1108	0.08 1.1	643 18051	21.2	8.121	8.153	4,513	7.94		
W2B	-3.96	10/15/97	1024			3.32 103	89 1247	0.07 1.0	634 17815	21.0	8.105	7.492	4,147	8.00		
W2B	-3.96	11/3/97	1012			3.44 107	85.7 1200	0.07 1.0	624 17531	20.9	8.083	8.097	4,482	8.01		
W2B	-3.96	12/15/97	1029			3.27 101	75.5 1058	0.06 0.8	266 7457	20.2	8.116	8.521	4,717	8.06		
W2B	-3.96	1/6/98	947			3.43 106	85.8 1202	0.14 2.0	635 17829	20.3	8.128	7.858	4,350	7.94		
W2B	-3.96	2/2/98	1043			3.34 103	81.2 1137	0.05 0.7	640 17983	20.7	8.113	8.032	4,446	8.15		
W2B	-3.96	3/9/98	1042			3.49 108	83.0 1163	0.12 1.7	637 17885	20.6	7.985	8.109	4,489	8.18		
W2B	-3.96	4/13/98	1012			3.55 110	84 1173	0.04 0.6	645 18107	20.6	8.006	7.946	4,398	8.33		
W2B	-3.96	5/11/98	1109			3.62 112	82 1154	0.11 1.5	600 16851	20.6	7.993	8.446	4,675	8.26		
W2B	-3.96	6/1/98	1057			3.45 107	83.0 1163	0.12 1.7	640 17972	20.5	7.995	8.787	4,864	8.12		
W2B	-3.96	7/13/98	1057			3.55 110	83 1163	0.01 0.1	646 18146	20.8	7.995	8.219	4,549	8.11		
W2B	-3.96	8/10/98	1112			3.69 114	85.4 1196	0.09 1.3	643 18059	20.7	7.973	8.296	4,592	8.25		
W2B	-3.96	9/14/98	1115			3.54 110	80.3 1124	0.16 2.2	647 18183	20.7	7.979	8.450	4,677	8.07		
W2B	-3.96	10/12/98	1006			3.48 108	84.7 1186	0.08 1.1	648 18208	21.3	7.981	8.183	4,530	8.76		
W2B	-3.96	11/2/98	1032			3.50 108	86.5 1212	0.04 0.6	652 18323	21.2	7.992	8.109	4,489	8.13		
W2B	-3.96	12/15/98	1016			3.52 109	83.5 1170	0.05 0.7	638 17919	20.6	7.988	8.621	4,772	8.08		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1999 - 12/21/2005

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)
W2B	-3.96	1/11/99	1041			3.37 104	87 1214	0.16 2.2	645 18124	20.5	7.989	8.389	4,644	8.21		
W2B	-3.96	2/2/99	1045			3.29 102	84 1177	0.12 1.7	634 17803	20.6	7.971	9.116	5,046	8.20		
W2B	-3.96	3/1/99	1057			3.30 102	78.7 1102	0.01 0.1	626 17593	21.7	7.969	9.202	5,094	8.90		
W2B	-3.96	4/5/99	1042			3.40 105	85.3 1195	0.15 2.1	650 18242	20.6	7.991	8.153	4,513	8.21		
W2B	-3.96	5/3/99	1107			3.38 105	85.9 1203	0.17 2.4	641 18000	21.6	7.964	8.772	4,856	8.22		
W2B	-3.96	6/1/99	1036			3.44 107	86.3 1209	0.24 3.4	651 18272	21.0	7.991	8.108	4,488	8.30		
W2B	-3.96	7/14/99	1055			3.40 105	82.2 1151	0.08 1.1	640 17986	20.8	7.973	8.760	4,849	8.20		
W2B	-3.96	8/23/99	1104			3.33 103	80.0 1121	0.12 1.7	648 18194	20.9	8.032	8.429	4,666	8.15		
W2B	-3.96	9/7/99	1105			3.51 109	91.4 1280	0.14 2.0	643 18048	21.0	8.036	8.352	4,623	8.21		
W2B	-3.96	10/5/99	1042			3.44 107	86.6 1213	0.12 1.7	651 18278	20.9	8.030	8.312	4,601	8.07		
W2B	-3.96	11/1/99	1114			3.37 104	84.0 1177	0.14 2.0	640 17983	20.9	8.024	8.893	4,923	7.91		
W2B	-3.96	12/14/99	1107			3.44 107	89.1 1248	0.13 1.8	648 18188	20.8	7.959	8.303	4,596	6.94		
W2B	-3.96	1/10/00	1125			3.31 103	80.8 1132	0.12 1.7	634 17815	20.9	7.977	9.070	5,020	7.96		
W2B	-3.96	2/7/00	1124			3.35 104	84.3 1181	0.19 2.7	624 17514	20.8	8.012	9.188	5,086	7.98		
W2B	-3.96	3/21/00	1124			3.21 99	82.3 1153	0.14 2.0	542 15211	20.6	8.014	8.632	4,778	8.11		
W2B	-3.96	4/10/00	1205			3.34 103	83.1 1164	0.11 1.5	640 17983	20.8	8.024	8.918	4,936	8.00		
W2B	-3.96	5/15/00	1106			3.32 103	87.1 1220	0.33 4.6	626 17593	20.9	8.038	8.304	4,596	8.15		
W2B	-3.96	6/5/00	1109			3.31 103	84.5 1184	0.13 1.8	643 18053	20.9	8.023	8.609	4,765	8.17		
W2B	-3.96	7/26/00	1135			3.28 102	83.5 1170	1.40 19.6	637 17876	21.0	7.968	9.292	5,143	7.66		
W2B	-3.96	8/29/00	1045			3.41 106	88.4 1238	0.10 1.4	638 17919	21.6	7.958	8.566	4,742	7.95		
W2B	-3.96	9/5/00	1059			3.30 102	90.1 1263	0.11 1.5	642 18034	21.2	7.955	8.687	4,808	7.94		
W2B	-3.96	10/24/00	1112			3.48 108	87.2 1221	0.11 1.5	671 18848	21.1	8.000	8.490	4,699	7.78		
W2B	-3.96	11/13/00	1052			3.00 93	146 2039	0.14 2.0	647 18174	21.3	7.907	8.442	4,673	7.41		
W2B	-3.96	12/18/00	1044			3.35 104	95.1 1332	0.14 2.0	657 18449	21.1	7.973	9.016	4,991	7.60		
W2B	-3.96	1/22/01	1108			3.78 117	98.9 1385	0.11 1.5	624 17537	21.1	7.929	9.530	5,275	7.57		
W2B	-3.96	2/5/01	1113			3.60 112	97.3 1363	0.10 1.4	631 17733	20.9	7.956	9.574	5,299	7.48		
W2B	-3.96	3/5/01	1105			3.63 112	102 1422	0.08 1.1	628 17626	20.9	7.928	9.500	5,258	7.52		
W2B	-3.96	4/17/01	1115			3.64 113	97.1 1360	0.04 0.6	632 17756	20.9	7.918	9.931	5,497	8.00		
W2B	-3.96	5/15/01	1040			3.70 115	98.0 1372	0.08 1.1	622 17478	21.2	7.917	10.035	5,555	8.07		
W2B	-3.96	6/12/01	1119			3.93 122	94.9 1329	0.02 0.3	621 17435	20.7	7.929	10.118	5,601	8.04		
W2B	-3.96	7/25/01	906			3.81 118	93.0 1302	0.10 1.4	606 17009	20.8	7.899	10.753	5,952	7.81		
W2B	-3.96	8/20/01	856			3.60 112	89.6 1254	0.09 1.3	609 17107	21.3	7.902	11.099	6,144	7.77		
W2B	-3.96	9/19/01	1018			3.22 100	90.5 1267	0.09 1.3	636 17865	21.2	7.909	10.491	5,807	7.78		
W2B	-3.96	10/24/01	1010			3.34 103	91.2 1277	0.04 0.6	620 17402	21.1	7.922	10.443	5,780	7.77		
W2B	-3.96	11/7/01	1045			3.44 107	90.3 1265	0.22 3.1	596 16750	20.8	7.894	11.489	6,359	7.46		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1990 - 12/21/2005

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)
W2B	-3.96	12/19/01	1026			3.28 102	97.9 1371	0.18 2.5	593 16643	21.0	7.867	11.693	6,472	7.27		
W2B	-3.96	1/9/02	1016			3.33 103	97.0 1359	0.11 1.5	625 17565	21.5	7.916	10.387	5,749	7.42		
W2B	-3.96	2/25/02	1055			3.30 102	110 1546	0.10 1.4	617 17326	20.7	7.956	10.053	5,565	7.76		
W2B	-3.96	3/20/02	1034			3.26 101	116 1623	0.14 2.0	612 17191	20.8	7.793	9.368	5,185	7.64		
W2B	-3.96	4/10/02	1107			3.34 103	99.0 1387	0.11 1.5	626 17579	21.1	7.929	9.381	5,193	7.53		
W2B	-3.96	5/22/02	923			3.32 103	102 1427	0.11 1.5	626 17573	20.7	7.921	10.176	5,633	7.85		
W2B	-3.96	6/19/02	943			3.58 111	115 1607	0.18 2.5	613 17214	21.1	7.954	10.156	5,622	7.74		
W2B	-3.96	7/22/02	932			3.44 107	99.6 1395	0.18 2.5	614 17253	21.3	7.920	10.290	5,696	7.92		
W2B	-3.96	8/21/02	1013			3.45 107	96.1 1346	0.17 2.4	620 17421	21.2	7.912	9.941	5,503	7.83		
W2B	-3.96	9/25/02	1208			3.32 103	102 1422	0.16 2.2	633 17770	21.2	7.934	9.933	5,498	8.04		
W2B	-3.96	10/15/02	914			3.35 104	94.0 1317	0.09 1.3	611 17160	21.2	7.936	9.917	5,489	7.99		
W2B	-3.96	11/17/02	1108			3.64 113	97.8 1370	0.09 1.3	597 16753	21.4	7.899	11.410	6,316	7.79		
W2B	-3.96	12/18/02	1136			3.48 108	96.0 1345	0.27 3.8	614 17242	21.5	7.934	10.223	5,659	8.02		
W2B	-3.96	1/29/03	1100			3.19 99	104 1457	<0.1 0.0	608 17068	20.5	7.954	10.411	5,763	7.99		
W2B	-3.96	2/10/03	1048			3.33 103	94.5 1324	0.04 0.6	626 17567	20.5	7.962	9.906	5,483	7.99		
W2B	-3.96	3/20/03	1010			3.46 107	95.7 1340	0.20 2.8	597 16770	21.1	7.927	11.016	6,098	8.01		
W2B	-3.96	4/30/03	1106			3.55 110	98.8 1384	0.29 4.1	631 17725	20.9	7.961	9.875	5,466	7.98		
W2B	-3.96	5/14/03	1017			3.81 118	99.8 1397	0.40 5.6	628 17646	21.3	7.971	9.799	5,424	8.07		
W2B	-3.96	6/4/03	1105			3.75 116	107 1502	0.98 13.7	606 17014	21.7	8.004	10.198	5,645	8.07		
W2B	-3.96	7/30/03	1030			3.70 115	113 1576	0.94 13.2	622 17469	21.0	7.936	10.134	5,609	8.27		
W2B	-3.96	8/28/03	1011			3.80 118	122 1702	0.70 9.8	613 17205	21.5	7.904	10.177	5,633	8.10		
W2B	-3.96	9/16/03	1051			3.82 118	99.8 1398	0.08 1.1	610 17132	21.3	7.924	13.352	7,391	7.75		
W2B	-3.96	10/8/03	1051			3.50 108	100 1402	0.40 5.6	610 17132	21.2	7.936	10.008	5,540	NA		
W2B	-3.96	11/5/03	1052			3.52 109	108 1513	0.50 7.0	611 17163	21.1	7.970	10.131	5,608			
W2B	-3.96	11/14/03	1442							21.1				8.01		
W2B	-3.96	12/22/03	927			3.48 108	97.6 1366	0.25 3.5	594 16680	20.9	8.003	11.673	6,461	7.62		
W2B	-3.96	1/26/04				3.40 105	111 1553	0.30 4.2	596 16731	20.8	7.914	11.169	6,182	7.35		
W2B	-3.96	2/11/04	1020			3.56 110	102 1434	0.80 11.2	593 16641	20.6	7.900	11.060	6,122	7.65		
W2B	-3.96	3/16/04	1230			3.71 115	108 1507	0.17 2.4	604 16964	21.4	7.950	8.841	4,894	7.31		
W2B	-3.96	4/20/04	1054			3.72 115	98.8 1384	0.08 1.1	619 17393	21.7	7.941	9.465	5,239	7.74		
W2B	-3.96	5/11/04	1000			3.52 109	88.7 1242	0.21 2.9	602 16902	21.2	7.732	10.36	5,735	7.79		
W2B	-3.96	6/2/04	1054			3.46 107	90.5 1268	0.18 2.5	606 17014	21.7	7.933	9.65	5,342	7.78		
W2B	-3.96	7/14/04	1103			3.50 108	95.9 1343	0.17 2.4	604 16975	21.5	7.914	10.64	5,890	7.68		
W2B	-3.96	8/23/04	1047			3.48 108	94.6 1325	0.21 2.9	590 16562	21.2	7.930	10.68	5,912	7.68		
W2B	-3.96	9/27/04	928			3.60 112	99.4 1392	0.14 2.0	625 17548	21.2	7.918	10.49	5,806	7.71		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1999 - 12/21/2005

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)
W2B	-3.96	10/5/04	930			3.62 112	92.7 1299	0.15 2.1	584 16410	20.7	7.942	11.25	6,227	7.59		
W2B	-3.96	11/9/04	1017			3.66 113	92.9 1302	0.16 2.2	603 16936	21.2	7.929	10.84	6,000	7.75		
W2B	-3.96	12/6/04	1055			3.60 112	99.9 1400	0.20 2.8	593 16652	21.1	7.963	11.18	6,188	7.81		
W2B	-3.96	1/10/05	1022			3.58 111	128 1793	0.11 1.5	567 15919	20.7	7.980	11.917	6,596	7.64		
W2B	-3.96	2/9/05	1019			3.67 114	143 2009	0.20 2.8	566 15891	21.3	7.983	10.608	5,872	7.78		
W2B	-3.96	3/15/05	1045			3.56 110	105 1472	0.15 2.1	589 16542	21.1	7.985	10.518	5,822	7.84		
W2B	-3.96	4/19/05	957			3.56 110	102 1426	0.16 2.2	587 16472	21.4	7.979	10.563	5,847	7.92		
W2B	-3.96	5/23/05	1043			3.46 107	99.7 1396	0.21 2.9	590 16568	21.7	7.915	11.784	6,523	7.42		
W2B	-3.96	6/13/05	905			3.52 109	98.2 1376	0.22 3.1	578 16219	21.3	7.941	11.756	6,507	7.82		
W2B	-3.96	7/18/05	1015			3.60 112	98.4 1378	0.10 1.4	588 16511	21.5	7.928	11.335	6,274	7.56		
W2B	-3.96	8/9/05	1025			3.42 106	91.6 1283	0.23 3.2	570 16000	21.5	7.946	12.229	6,769	7.83		
W2B	-3.96	9/20/05	1013			3.54 110	93.4 1309	0.24 3.4	566 15896	21.7	7.944	12.981	7,185	7.88		
W2B	-3.96	10/17/05	1013			3.64 113	95.1 1332	0.14 2.0	578 16242	21.7	7.931	12.377	6,851	7.90		
W2B	-3.96	11/7/05	942			3.44 107	89.8 1258	0.04 0.6	536 15040	21.1	7.944	13.735	7,603	7.77		
W2B	-3.96	12/21/05	911			3.48 108	94.8 1328	0.22 3.1	540 15158	20.4	7.959	13.551	7,501	7.68		
W2B	-3.96	1/23/06	1013			3.46 107	92.8 1300	0.25 3.5	577 16205	20.9	7.967	12.44	6,886	8.01		
W2B	-3.96	2/14/06	1028			3.44 107	87.4 1224	0.18 2.5	556 15604	20.7	7.961	12.858	7,117	7.96		
W2B	-3.96	3/20/06	931			3.48 108	92.9 1301	0.18 2.5	578 16233	20.6	7.964	12.626	6,989	7.86		
W2B	-3.96	4/25/06	1000			3.34 103	95.2 1333	0.11 1.5	553 15531	20.6	7.96	12.615	6,983	7.88		
W2B	-3.96	5/22/06	1030			3.29 102	92.2 1291	0.23 3.2	438 12301	20.6	7.932	13.386	7,409	7.73		
W2B	-3.96	6/26/06	1043			3.25 101	94.6 1325	0.16 2.2	544 15279	20.1	7.966	12.883	7,131	7.81		
W2B	-3.96	7/20/06	1048			3.23 100	89.6 1255	0.15 2.1	552 15503	20.3	7.939	13.285	7,354	8.30		
W2B	-3.96	8/7/06	1105			3.30 102	100 1401	0.17 2.4	557 15644	20.2	7.962	12.353	6,838	8.47		
W2B	-3.96	9/18/06	1028			3.25 101	91.2 1277	0.19 2.7	555 15587	20.5	7.953	12.294	6,805	8.10		
W2B	-3.96	10/23/06	1005			3.51 109	109 1527	0.22 3.1	537 15082	20.5	7.951	11.743	6,500	7.96		
W2B	-3.96	11/27/06	1016			3.44 107	101 1415	0.18 2.5	543 15250	20.1	7.954	13.155	7,282	7.97		
W2B	-3.96	12/11/06	1046			3.72 115	94.1 1318	0.21 2.9	546 15335	19.8	7.945	13.319	7,372	8.01		
W2B	-3.96	1/8/07	1136			3.31 103	94.7 1326	0.21 2.9	514 14436	19.2	7.96	13.243	7,330	8.04		
W2B	-3.96	2/20/07	1105			3.48 108	101 1415	0.35 4.9	537 15082	19.6	7.944	13.099	7,251	8.05		
W2B	-3.96	3/5/07	1103			3.44 107	111 1555	0.36 5.0	553 15531	20.1	7.943	12.715	7,038	8.04		
W2B	-3.96	4/18/07	1102			3.47 107	100 1401	0.23 3.2	555 15587	20.6	7.973	13.221	7,318	7.79		
W2B	-3.96	5/1/07	1051			3.36 104	93.4 1308	0.27 3.8	551 15475	20.2	7.978	12.945	7,165	7.61		
W2B	-3.96	6/18/07	1045			3.63 101	107.4 1505	0.2 1.4	548 14959	20.4	8.001	13.445	7,442	8.21		
W2B	-3.96	7/26/07	1312	-1.98	0.64 Flood	2.74 85	76.4 1070	0.0 0.1	580 16297	19.9	7.91	12.98	7,185	7.62		
W2B	-3.96	8/28/07	1115	-2.44	0.08 Flood	3.29 102	99.1 1388	3.6 50.7	629 17678	20.5	7.86	12.80	7,085	7.42		

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1989 - 12/21/2025

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)
W2B	-3.96	9/13/07	1128	-2.23	0.15 Low	3.47 108	98.8 1383	1.0 13.8	631 17726	20.6	7.97	13.11	7,257	7.41		
W2B	-3.96	10/24/07	1358	-1.96	0.46 Flood	3.25 101	107.4 1505	0.1 1.4	533 14959	20.1	8.03	12.75	7,057	7.31		
W2B	-3.96	11/26/07	1115	-2.31	0.15 Ebb	3.26 101	97.0 1359	0.3 3.8	562 15793	19.8	7.93	14.03	7,766	7.17		
W2B	-3.96	12/20/07	1210	-2.08	0.23 High	3.09 96	114.5 1604	0.3 4.1	493 13840	19.8	8.03	10.85	6,006	7.43		
W2B	-3.96	1/28/08	1220	-2.29	0.09 Ebb	1.89 59	36.1 506	0.2 3.1	310 8721	19.9	7.83	12.69	7,024	6.66		
W2B	-3.96	2/27/08	1025	-2.13	0.12 Ebb	3.30 102	103.2 1446	0.2 2.6	538 15110	19.6	7.82	12.49	6,914	7.77		
W2B	-3.96	3/20/08	1057	-2.41	0.00 Low	3.09 96	97.6 1367	0.2 2.5	429 12059	19.8	7.88	12.84	7,107	7.36		
W2B	-3.96	4/28/08	1054	-2.06	0.18 High	2.93 91	99.5 1394	0.2 2.6	541 15201	20.0	7.91	12.34	6,831	7.40		
W2B	-3.96	5/15/08	1154	-2.03	0.49 Flood	2.85 88	94.5 1324	0.2 2.9	538 15117	19.8	7.88	13.00	7,196	7.14		
W2B	-3.96	6/26/08	929	-1.98	0.37 High	2.91 90	101.5 1421	0.3 4	702 19717	20.3	7.86	12.64	6,997	7.81	0.10	
W2B	-3.96	7/25/08	1137	-1.88	0.55 High	2.88 89	95.2 1334	0.2 2.8	385 10816	20.3	7.50	12.08	6,687	7.67		
W2B	-3.96	8/30/08	933		0.03 Low	2.68 83	96.8 1356	0.3 4	529 14866	20.4	7.87	12.47	6,902	7.16		
W2B	-3.96	9/19/08	953	-1.88	0.52 Ebb	2.05 64	54.6 765	1.0 14.1	379 10635	21.5	7.78	12.70	7,030	7.59	1.42	
W2B	-3.96	10/27/08	1255	-2.07	0.27 Flood	3.07 95	101.9 1427	0.3 4.7	548 15386	21.9	7.75	12.01	6,648	N/A	0.30	
W2B	-3.96	11/10/08	1010	-2.12	0.24 Flood	4.49 139	99.1 1389	0.3 4.7	496 13940	21.8	7.86	12.05	6,670	7.61	0.41	
W2B	-3.96	12/15/08	930	-1.90	0.43 Ebb	3.13 97	103.6 1452	0.0 0.0	486 13639	21.2	8.03	13.38	7,406	7.97		
W2B	-3.96	1/23/09	1316	-2.26	0.15 High	3.12 97	111.6 1563	1.3 18.1	507 14238	21.3	8.01	12.27	6,792	7.71	0.14	
W2B	-3.96	2/23/09	1417	-2.15	0.24 Flood	2.74 85	105.3 1475	0.9 13.0	537 15071	20.8	7.89	13.04	7,218	8.06	0.13	
W2B	-3.96	3/13/09	1426	-2.27	0.24 Flood	3.27 101	95.7 1340	0.1 1.9	466 13090	20.5	7.89	13.26	7,340	7.67	0.12	
W2B	-3.96	4/20/09	1236	-2.18	0.30 Flood	3.95 122	108.0 1513	1.7 24.3	410 11513	21.2	7.79	12.20	6,753	8.21	6.03	
W2B	-3.96	5/21/09	1414	-1.86	0.61 High	3.56 110	101.1 1416	0.5 7.5	558 15669	20.2	7.97	12.65	7,002	8.13	0.10	
W2B	-3.96	6/16/09	1050	-2.01	0.40 Flood	3.57 111	97.4 1364	0.5 6.6	348 9766	20.1	7.81	11.86	6,565	8.02	0.07	
W2B	-3.96	7/13/09	1453	-2.18	0.21 Flood	2.51 78	68.4 958	0.2 2.6	278 7805	19.9	7.99	12.61	6,980	8.02	0.18	
W2B	-3.96	8/18/09	1350	-1.71	0.70 Flood	2.77 86	77.6 1087	0.1 1.4	442 12415	20.5	7.90	13.58	7,517	7.74	0.09	
W2B	-3.96	9/21/09	1344	-2.24	0.18 Flood	1.75 54	44.6 624	0.2 2.2	249 6988	20.6	8.38	13.24	7,329	8.59	0.04	
W2B	-3.96	10/19/09	1055	-2.28	0.12 Low	3.26 101	102.5 1436	0.7 9.5	272 7635	20.5	7.47	13.16	7,284	7.93	0.05	
W2B	-3.96	11/16/09	1326	-2.29	0.18 Flood	3.31 103	105.5 1478	0.8 11	449 12603	20.2	7.96	13.75	7,611	7.96	0.04	
W2B	-3.96	12/7/09	1300	-2.23	0.18 Ebb	3.42 106	112.7 1579	0.5 7.2	512 14379	20.2	7.93	13.23	7,323	6.85	0.09	
W2B	-3.96	1/5/10	1042	-2.06	0.30 Ebb	3.10 96	103.0 1443	0.5 7.0	517 14524	20.7	7.92	12.91	7,146	6.63	0.10	
W2B	-3.96	2/1/10	1100	-2.20	0.00 Ebb	3.23 100	108.2 1515	0.6 9.0	459 12884	20.4	7.98	13.10	7,251	7.33	0.18	
W2B	-3.96	3/9/10	1116	-2.28	0.12 Flood	3.55 110	99.4 1392	0.2 3.0	532 14948	20.0	7.98	12.16	6,731	7.85	0.20	
W2B	-3.96	4/6/10	1005	-2.31	0.15 Flood	3.65 113	107.1 1500	0.1 2.0	532 14931	19.7	7.96	12.63	6,991	8.19	0.04	
W2B	-3.96	5/11/10	1029	-2.39	0.09 Flood	3.33 103	96.0 1344	1.8 25	576 16173	19.9	8.05	11.97	6,626	8.23	0.11	
W2B	-3.96	6/15/10	1108	-2.39	0.06 Low	3.03 94	92.7 1298	0.3 4.0	509 14283	20.1	7.98	12.67	7,013	7.46	0.15	
W2B	-3.96	7/13/10	1026	-2.39	0.00 Low	3.10 96	100.6 1409	0.4 6.0	562 15791	20.2	7.97	13.42	7,428	7.90	0.17	

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1990 - 12/21/2025

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)
W2B	-3.96	8/3/10	1020	-1.89	0.52 Flood	3.49 108	103.9 1455	0.3 4.0	567 15921	20.0	7.99	12.88	7,129	7.88	0.08	
W2B	-3.96	9/14/10	1020	-1.81	0.58 Ebb	3.29 102	98.6 1381	0.5 6.9	581 16305	20.1	7.97	13.77	7,622	8.26	0.80	
W2B	-3.96	10/12/10	1051	-1.83	0.55 Ebb	3.16 98	99.2 1390	0.3 4.7	567 15933	20.2	7.97	14.81	8,198	7.67	0.06	
W2B	-3.96	11/16/10	1008	-2.03	0.27 Flood	3.39 105	105.9 1484	0.2 3.4	575 16154	20.0	7.89	13.04	7,218	7.88	0.04	
W2B	-3.96	12/14/10	1049	-1.99	0.37 High	3.33 103	108.7 1522	0.5 6.6	566 15899	20.0	7.96	13.29	7,356	7.93	0.04	
W2B	-3.96	1/4/11	1037	-2.23	0.06 Ebb	3.42 106	104.2 1459	0.5 6.9	552 15509	19.8	7.90	14.05	7,777	7.65	0.08	
W2B	-3.96	4/5/11	1053	-2.34	-0.06 Low	3.36 104	103.5 1450	0.2 3.2	574 16121	20.1	7.91	13.19	7,301	6.80	0.16	
W2B	-3.96	7/12/11	1017	-2.13	0.18 Flood	3.36 104	97.7 1369	0.6 8.2	546 15336	20.1	7.92	13.93	7,711	7.67	0.02	
W2B	-3.96	10/11/11	1038	-2.22	0.12 Low	3.26 101	92.9 1301	0.3 3.9	547 15373	20.5	7.93	14.05	7,777	7.82	0.05	
W2B	-3.96	1/10/12	1032	-2.24	0.06 Ebb	3.07 95	86.6 1213	0.3 3.6	523 14676	19.8	7.92	15.45	8,552	7.89	0.04	
W2B	-3.96	5/1/12	1100	-2.07	0.30 Flood	3.71 115	98.2 1376	0.2 2.3	579 16248	19.9	7.92	13.84	7,661	7.77	0.05	
W2B	-3.96	7/18/12	951	-2.39	0.03 Flood	3.49 108	100.0 1400	0.6 7.8	544 15287	20.1	8.01	14.23	7,877	7.98	0.07	
W2B	-3.96	10/16/12	1034	-2.24	0.09 Ebb	3.29 102	97.3 1363	0.3 4.4	538 15102	20.1	7.90	14.49	8,021	7.53	0.04	
W2B	-3.96	1/8/13	1058	-2.20	0.15 Flood	3.75 116	99.1 1388	0.6 7.9	585 16426	19.7	7.93	14.22	7,871	7.85	0.04	
W2B	-3.96	4/9/13	1035	-2.38	-0.03 Flood	3.62 112	96.8 1356	0.5 6.7	555 15584	19.9	7.96	13.72	7,594	8.31	0.09	
W2B	-3.96	7/17/13	1120	-1.95	0.58 Flood	3.23 100	93.0 1302	0.4 5.4	517 14517	20.3	7.93	14.42	7,982	7.64	0.06	
W2B	-3.96	10/15/13	1020	-2.09	0.30 Flood	3.16 98	97.1 1360	0.6 8.9	511 14343	20.3	7.90	14.54	8,048	7.74	0.05	
W2B	-3.96	1/15/14	1000	-2.24	0.06 Ebb	3.78 117	102.2 1431	0.3 4.8	505 14185	20.0	7.97	14.27	7,899	7.91	0.02	
W2B	-3.96	4/29/14	1114	-2.42	0.00 Flood	3.55 110	105.3 1475	0.6 8.2	508 14260	20.15	7.94	14.10	7,805	6.02	0.08	
W2B	-3.96	7/29/14	1049	-2.26	0.12 Low	3.87 120	122.9 1722	0.5 7.0	523 14679	20.43	7.89	14.42	7,982	7.73	0.19	
W2B	-3.96	11/5/14	1052	-2.13	0.15 Flood	4.16 129	109.7 1536	0.4 5.9	499 14004	20.75	7.94	14.60	8,081	8.02	0.06	
W2B	-3.96	2/10/15	1040	-1.98	0.80 High	4.68 145	133.1 1865	0.9 13.3	476 13361	20.80	7.91	13.80	7,639	6.37	0.05	
W2B	-3.96	5/19/15	1507	-1.98	1.60 Flood	3.80 118	100.5 1408	0.3 4.4	456 12814	19.92	7.94	15.31	8,474	7.78	0.04	
W2B	-3.96	7/21/15	1141	-2.19	0.50 Low	4.13 128	112.6 1577	0.0 0.0	489 13742	20.6	7.90	14.90	8,248	7.38	0.02	
W2B	-3.96	11/9/15	954	-2.08	0.20 Flood	4.22 131	115.5 1618	0.1 1.5	595 16720	20.9	7.93	12.84	7,107	8.50	0.05	
W2B	-3.96	1/26/16	1438	-2.25	0.25 Flood	3.87 120	113.4 1588	0.1 1.8	497 13953	20.0	7.96	14.42	7,982	7.62	0.06	
W2B	-3.96	4/21/16	1031	-2.28	-0.05 Low	4.18 130	93.7 1313	0.4 5.9	476 13373	20.40	7.86	13.56	7,506	7.90	0.03	
W2B	-3.96	7/20/16	1550	-1.91	0.45 Flood	3.39 105	79.6 1116	0.2 2.2	363 10181	20.33	7.87	16.81	9,305	7.28	0.04	
W2B	-3.96	11/7/16	1137	-1.83	0.45 Ebb	3.69 114	89.9 1259	0.1 1.9	399 11217	20.33	7.87	14.64	8,104	8.49	0.02	
W2B	-3.96	3/21/17	1422	-2.06	0.13 Ebb	3.83 119	92.7 1298	0.2 3.2	519 14571	19.94	7.88	13.70	7,583	7.78	0.04	
W2B	-3.96	4/13/17	1028	-2.27	0.07 Low	3.49 108	91.9 1288	0.3 3.8	535 15034	20.13	7.89	14.37	7,954	6.29	0.04	
W2B	-3.96	8/4/17	1015	-2.05	0.25 Flood	3.23 100	73.5 1030	0.1 1.1	517 14509	20.31	7.90	13.92	7,705	8.31	0.03	
W2B	-3.96	10/18/17	1614	-1.75	0.50 Ebb	3.43 106	87.0 1219	0.3 4.1	489 13730	20.34	7.90	14.61	8,087	7.63	0.07	
W2B	-3.96	1/17/18	1110	-2.19	0.11 Low	3.26 101	89.2 1250	0.2 3.3	485 13619	19.92	7.89	14.00	7,749	6.67	0.02	
W2B	-3.96	5/9/18	1008	-2.17	0.25 Flood	3.40 105	90.8 1272	0.1 1.2	497 13950	20.14	7.87	14.60	8,081	8.04	0.03	

NELHA Water Quality Laboratory

Well 2B Data Table

6/23/1989 - 12/21/2025

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)
W2B	-3.96	8/20/18	940	-2.03	0.37 Flood	3.36 104	90.6 1269	0.2 2.5	494 13886	21.25	7.85	14.79	8,187	7.74	0.06	
W2B	-3.96	10/24/18	927	-2.12	0.10 Low	3.14 97	86.4 1211	0.0 0.2	472 13259	20.93	7.86	14.85	8,220	7.02	0.07	
W2B	-3.96	2/7/19	924	-2.07	0.30 Ebb	3.55 110	119.6 1675	0.0 0.4	495 13903	19.97	7.69	15.17	8,397	7.64	0.10	
W2B	-3.96	5/15/19	1129	-2.18	0.40 Flood	3.77 117	98.9 1385	0.0 0.3	500 14052	20.12	7.73	13.35	7,390	7.85	0.03	
W2B	-3.96	8/28/19	922	-2.24	0.05 Flood	3.81 118	88.3 1236	0.2 3.0	478 13430	20.51	7.90	14.24	7,882	7.90	0.05	
W2B	-3.96	10/10/19	1506	-1.72	0.55 High	3.59 111	75.3 1055	0.3 4.6	459 12890	20.54	7.92	14.96	8,281	7.94	0.07	
W2B	-3.96	1/31/20	1421	-2.25	0.07 Low	3.93 122	105.7 1481	-0.7 -9.4	503 14125	20.00	7.93	15.79	8,740	8.01	0.02	
W2B	-3.96	6/2/20	1407	-1.67	0.59 High	3.15 98	83.1 1163	0.1 1.8	478 13414	20.66	7.92	14.77	8,176	7.44	0.03	
W2B	-3.96	8/18/20	947	-2.19	-0.02 Low	2.82 87	96.6 1353	0.0 0.7	516 14484	21.2	7.91	13.10	7,251	7.45	0.06	
W2B	-3.96	12/9/20	1145	-1.77	0.52 High	3.64 113	96.4 1350	0.1 1.2	485 13633	20.6	7.89	13.98	7,738	7.81	0.08	
W2B	-3.96	2/17/21	1415	-2.19	0.04 Low	3.46 107	98.0 1373	0.2 2.2	490 13774	20.2	7.88	13.82	7,650	7.95	0.03	
W2B	-3.96	4/14/21	943	-2.26	-0.05 Low	3.14 97	99.8 1398	0.1 1.6	497 13972	20.3	7.81	13.82	7,650	7.82	0.02	
W2B	-3.96	7/6/21	1147	-2.04	0.42 Flood	3.46 107	104.3 1460	0.1 0.9	485 13629	20.6	7.80	14.45	7,998	7.72	0.08	
W2B	-3.96	11/5/21	1306	-2.21	0.30 Flood	3.24 100	92.7 1298	0.5 7.2	490 13756	21.0	7.73	15.15	8,386	7.63	0.08	
W2B	-3.96	2/4/22	1052	-2.12	0.04 Low	3.33 103	112.4 1574	0.3 3.7	548 15387	20.1	7.82	14.36	7,949	7.88	0.06	
W2B	-3.96	4/20/22	951	-1.89	-0.05 Low	2.92 90	88.0 1233	0.1 1.5	482 13550	20.1	7.83	14.85	8,220	7.80	0.06	
W2B	-3.96	7/12/22	953	-2.40	0.00 Flood	3.45 107	101.4 1420	-0.4 -5.7	529 14859	20.5	7.86	13.85	7,666	7.93	0.05	
W2B	-3.96	11/21/22	1405	-1.98	0.40 High	3.31 102	98.4 1379	0.0 0.6	486 13660	20.7	7.91	13.63	7,545	7.89	0.21	
W2B	-3.96	1/25/23	1153	-2.23	0.03 Low	3.18 98	95.1 1332	0.2 3.5	479 13464	20.2	7.82	14.51	8,032	7.87	0.05	
W2B	-3.96	4/25/23	1138	-2.36	0.02 Low	3.64 113	94.1 1318	0.1 1.1	476 13366	20.1	7.83	14.20	7,860	7.85	0.04	
W2B	-3.96	8/14/23	1157	-2.07	0.38 Flood	3.85 119	95.3 1335	0.0 -0.6	519 14566	20.7	7.83	13.04	7,218	7.83	0.52	
W2B	-3.96	11/15/23	1022	-1.99	0.20 Low	2.74 85	91.6 1283	-0.4 -6.0	460 12933	20.5	7.90	13.52	7,484	7.81	0.14	188.3
W2B	-3.96	1/23/24	1150	-2.14	0.60 Flood	2.44 76	91.0 1275	0.1 0.8	496 13919	20.3	7.94	13.09	7,246	7.89	0.11	142.7
W2B	-3.96	5/3/24	1016	-2.13	0.25 Flood	3.08 96	95.8 1342	-0.1 -1.1	493 13842	20.3	7.86	13.40	7,417	7.78	0.65	195.8
W2B	-3.96	7/30/24	932	-1.97	0.40 Flood	3.12 97	98.6 1380	-0.1 -0.9	488 13714	21.1	7.87	12.77	7,069	7.96	0.20	92.6
W2B	-3.96	10/11/24	1351	-1.90	0.45 Ebb	3.11 96	96.8 1356	0.4 5.6	473 13276	20.7	7.86	13.12	7,262	7.93	0.68	148.0
W2B	-3.96	1/9/25	939	-2.03	0.25 Flood	3.25 101	91.6 1282	0.2 2.3	466 13090	19.7	7.86	14.13	7,821	8.00	0.11	244.0
W2B	-3.96	5/13/25	1039	-2.24	0.00 Flood	3.14 97	95.5 1338	0.1 0.9	480 13470	20.3	7.88	13.49	7,467	7.98	0.06	222.4
W2B	-3.96	7/29/25	1215	-2.01	0.14 Low	3.27 101	95.1 1332	0.0 0.7	477 13398	20.7	7.84	13.92	7,705	7.96	0.10	163.0
W2B	-3.96	12/17/25	955	-2.08	0.20 Flood	3.75 116	93.9 1316	0.0 0.0	1203 33774	20.1	7.84	13.93	7,711	7.88	0.46	270.3

NELHA Water Quality Laboratory

Well 2B 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 (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
Mean				-2.12	0.26	3.37 104	91 1280	0.21 3.0	587 16492	20.6	7.95	10.69	5,917	7.93	0.20	185.2
Std. Dev.				0.18	0.24	0.32 10	13 188	0.32 4.5	95 2667	0.5	0.09	2.60	1,437	0.41	0.66	55.3
Maximum				-1.67	1.60	4.68 145	146 2039	3.62 50.7	1203 33774	21.9	8.38	16.81	9,305	9.84	6.03	270.3
Minimum				-2.44	-0.06	1.75 54	36 506	-0.67 -9.4	249 6988	19.2	7.42	6.35	3,517	6.02	0.02	92.6
n				101	102	309 309	309 309	307 309	302 301	308	308	308	308	306	88	9