

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	6/23/89				2.06 64	45.2 633	0.51 7.1		17.3	7.79	30.42	16,836	1.40		
W5B	-15.5	8/9/89	957			2.59 80	48.2 675	0.69 9.7		17.0	7.80	30.43	16,843	1.37		
W5B	-15.5	8/15/89	1020			2.94 91	50.7 710	1.30 18.2		17.2	7.85	28.66	15,861	1.21		
W5B	-15.5	8/22/89	1005			2.71 84	48.8 684	0.70 9.8		17.2	7.90	30.59	16,933	1.26		
W5B	-15.5	8/28/89	1125			2.82 87	49.4 692	1.03 14.4		17.3	7.88	30.62	16,947	0.97		
W5B	-15.5	8/28/89	1125			2.64 82	47.1 660	0.78 10.9								
W5B	-15.5	10/27/89	1016			2.94 91	50.4 706	0.02 0.3	190 5336	17.7	7.87	30.84	17,068	1.31		
W5B	-15.5	11/15/89	759			2.90 90	41.3 578	0.06 0.8	185 5196	17.9	7.88	30.90	17,102	1.33		
W5B	-15.5	12/8/89	930			2.88 89	41.3 578	0.10 1.4	180 5055	18.0	7.90	30.84	17,070	1.13		
W5B	-15.5	1/10/90	905			2.32 72	46.0 644	0.00 0.0	171 4803	17.8	8.01	30.96	17,136	0.96		
W5B	-15.5	2/13/90	1030			2.65 82	54.1 758	0.00 0.0	181 5083	17.5	7.94	30.84	17,069	1.51		
W5B	-15.5	3/5/90	1148			2.49 77	59.3 831	0.02 0.3	223	18.5	8.06	31.07	17,199	0.86		
W5B	-15.5	4/2/90	1042			2.55 79	60.0 840	0.20 2.8	184 5168	17.5	8.04	30.71	16,997	2.46		
W5B	-15.5	5/16/90	956			2.66 82	77.9 1091	0.09 1.3	180 5055	16.2	7.95	30.18	16,707	4.09		
W5B	-15.5	6/17/90	1130			3.35 104	75.2 1053	0.00 0.0	178 4999	16.2	7.92	30.19	16,710	4.03		
W5B	-15.5	7/12/90	1031			3.97 123	79.2 1109	0.00 0.0	193 5421	15.9	7.81	30.18	16,704	4.16		
W5B	-15.5	8/7/90	1010			3.70 115	86.7 1214	0.00 0.0	195 5477	15.9	7.68	30.11	16,668	3.70		
W5B	-15.5	9/5/90	1055			4.15 129	82.1 1150	0.00 0.0		16.0	7.61	30.14	16,681	3.70		
W5B	-15.5	10/4/90	1112			4.44 138	72.2 1011	0.08 1.1	203 5701	16.7	7.59	30.57	16,922	4.68		
W5B	-15.5	10/31/90	1024			3.50 108	63.0 883	0.00 0.0	197 5533	17.1	7.59	30.53	16,898	4.33		
W5B	-15.5	12/7/90	1020			3.56 110	71.2 997	0.00 0.0	205 5758	15.9	7.50	30.28	16,762	4.01		
W5B	-15.5	1/9/91	740			4.56 141	78.5 1100	0.00 0.0	189 5308	15.7	7.47	30.42	16,839	4.07		
W5B	-15.5	2/5/91	825			4.79 148	61.2 857	0.39 5.5	160 4494	15.4	7.51	30.40	16,828	4.88		
W5B	-15.5	3/6/91	734			4.21 130	76.7 1074	0.19 2.7	170 4775	15.2	7.57	30.55	16,908	4.39		
W5B	-15.5	4/2/91	740			4.11 127	72.7 1018	0.00 0.0	63 1778	15.3	7.57	30.17	16,700	4.87		
W5B	-15.5	5/21/91	808			4.30 133	39.1 548	0.07 1.0	210 5898	15.0	7.57	30.00	16,605	5.73		
W5B	-15.5	6/25/91	745			3.32 103	51.2 717	0.34 4.8	217 6095	15.1	7.56	30.24	16,738	5.43		
W5B	-15.5	7/23/91	842			4.31 133	72.8 1020	0.35 4.9	192 5392	15.0	7.54	30.21	16,721	5.06		
W5B	-15.5	8/22/91	803			4.25 132	58.6 821	0.27 3.8	194 5449	15.1	7.54	30.08	16,649	5.27		
W5B	-15.5	9/23/91	802			4.65 144	58.1 814	0.24 3.4	185 5196	15.4	7.50	30.01	16,610	4.74		
W5B	-15.5	10/22/91	733			3.97 123	65.8 922	0.03 0.4	245 6881	13.5	7.55	30.10	16,660	4.08		
W5B	-15.5	11/19/91	930			4.51 140	65.8 922	0.04 0.6	212 5954	15.6	7.53	30.00	16,603	5.41		
W5B	-15.5	12/10/91	858			4.32 134	63.8 894	0.08 1.1	195 5477	15.4	7.55	29.96	16,582	5.41		
W5B	-15.5	1/28/92	846			4.28 133	63.3 887	0.05 0.7	187 5252	14.9	7.61	30.45	16,855	5.52		
W5B	-15.5	2/18/92	803			4.08 126	63.3 887	0.00 0.0	173 4859	14.9	7.59	30.22	16,728	5.85		

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	3/16/92	908			4.17 129	63.0 882	0.05 0.7	187 5252	14.8	7.59	30.08	16,652	6.09		
W5B	-15.5	4/7/92	841			4.98 154	65.2 913	0.20 2.8	248 6965	14.8	7.61	29.89	16,545	6.55		
W5B	-15.5	5/5/92	848			4.46 138	61.1 856	0.24 3.4	205 5758	14.8	7.58	29.17	16,144	6.44		
W5B	-15.5	6/22/92	848			4.71 146	60.4 846	0.33 4.6	236 6628	15.3	7.56	28.74	15,908	7.38		
W5B	-15.5	7/28/92	735			4.50 139	61.7 865	0.07 1.0	180 5055	14.8	7.58	29.48	16,317	6.91		
W5B	-15.5	8/25/92	810			4.52 140	55.5 777	0.16 2.2	223 6263	15.0	7.60	29.27	16,200	6.94		
W5B	-15.5	9/21/92	826			4.37 135	57.7 808	0.15 2.1	193 5421	15.1	7.63	29.48	16,319	6.57		
W5B	-15.5	10/26/92	834			4.43 137	58.0 812	0.37 5.2	219 6151	15.4	7.60	29.44	16,295	6.63		
W5B	-15.5	11/16/92	856			4.43 137	57.5 805	0.31 4.3	210 5898	15.3	7.64	29.42	16,286	6.61		
W5B	-15.5	12/7/92	853			4.36 135	57.1 800	0.18 2.5	209 5870	15.3	7.65	29.37	16,258	6.64		
W5B	-15.5	1/25/93	839			4.25 132	56.0 784	0.36 5.0	210 5884	15.2	7.67	29.81	16,501	6.41		
W5B	-15.5	2/22/93	820			4.15 129	56.0 784	0.36 5.0	205 5755	14.9	7.70	29.98	16,594	6.37		
W5B	-15.5	3/15/93	816			4.13 128	56.7 794	0.19 2.7	211 5912	14.7	7.71	29.92	16,560	6.36		
W5B	-15.5	4/26/93	827			4.10 127	53.7 753	0.09 1.3	209 5870	15.1	7.70	29.96	16,583	6.24		
W5B	-15.5	5/24/93	842			4.29 133	42.4 593	0.33 4.6	210 5898	15.1	7.69	29.93	16,564	6.11		
W5B	-15.5	6/21/93	840			4.13 128	51.1 716	0.30 4.2	220 6179	15.5	7.70	30.00	16,606	6.07		
W5B	-15.5	8/30/93	944			3.87 120	48.0 672	0.13 1.8	205 5758	17.1	7.76	29.88	16,538	5.76		
W5B	-15.5	10/25/93	824			3.55 110	52.0 728	0.18 2.5	176 4943	17.8	7.82	29.60	16,384	5.18		
W5B	-15.5	2/7/94	1028			3.53 109	43.0 602	0.19 2.7	164 4606	17.7	7.80	30.07	16,643	5.65		
W5B	-15.5	6/20/94	814			3.73 116	40.6 568	0.05 0.7	175 4916	17.7	7.75	30.45	16,853	3.68		
W5B	-15.5	8/22/94	924			3.64 113	44.0 617	0.04 0.6	172 4821	17.7	7.76	30.38	16,818	4.19		
W5B	-15.5	10/24/94	839			3.63 112	43.7 612	0.00 0.0	182 5118	18.6	7.76	29.36	16,249	6.28		
W5B	-15.5	1/23/95	927			3.72 115	47.6 667	0.00 0.0	166 4659	18.0	7.75	29.54	16,350	4.89		
W5B	-15.5	2/13/95	919			3.71 115	43.8 614	0.22 3.1	169 4758	17.8	7.77	29.92	16,563	4.82		
W5B	-15.5	3/13/95	956			3.72 115	48.2 675	0.18 2.5	210 5887	17.9	7.78	29.94	16,571	5.31		
W5B	-15.5	4/24/95	900			3.62 112	53.9 755	0.18 2.5	169 4755	17.7	7.76	29.70	16,442	5.29		
W5B	-15.5	5/8/95	901			3.36 104	53.4 747	0.33 4.6	159 4471	17.8	7.76	29.69	16,433	5.22		
W5B	-15.5	6/19/95	936			3.63 112	54.0 756	0.33 4.6	168 4721	17.9	7.72	29.59	16,378	5.37		
W5B	-15.5	7/24/95	904			3.55 110	54.7 766	0.19 2.7	167 4685	17.7	7.73	29.54	16,349	5.31		
W5B	-15.5	8/21/95	954			3.62 112	50.1 701	0.44 6.2	224 6302	18.0	7.74	29.66	16,419	5.10		
W5B	-15.5	9/11/95	715			3.64 113	51.7 724	0.18 2.5	170 4777	17.8	7.78	29.57	16,368	4.40		
W5B	-15.5	10/16/95	841			3.69 114	52.1 729	0.31 4.3	171 4803	18.3	7.79	29.58	16,374	5.15		
W5B	-15.5	11/6/95	825			4.16 129	49.7 696	0.22 3.1	228 6412	18.1	7.76	27.97	15,484	4.09		
W5B	-15.5	12/4/95	834			3.71 115	51.3 718	0.12 1.7	172 4822	18.0	7.78	29.47	16,310	6.31		
W5B	-15.5	1/29/96	905			3.79 117	47.3 662	0.10 1.4	170 4769	17.8	7.78	29.69	16,432	5.29		

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	2/26/96	1009			3.64 113	49.0 687	0.30 4.2	188 5271	19.0	7.77	29.70	16,438	5.32		
W5B	-15.5	3/5/96	858			3.73 116	50.4 706	0.31 4.3	175 4913	18.0	7.76	29.65	16,414	3.77		
W5B	-15.5	4/1/96	920			3.70 115	50.5 707	0.45 6.3	184 5173	18.5	7.72	29.59	16,377	5.34		
W5B	-15.5	5/8/96	917			3.88 120	54.9 769	0.13 1.8	175 4927	18.5	7.73	29.51	16,332	5.39		
W5B	-15.5	6/17/96	843			4.00 124	57.7 808	0.18 2.5	184 5154	18.8	7.74	29.35	16,243	5.26		
W5B	-15.5	7/16/96	822			4.15 129	66.9 937	0.09 1.3	188 5272	19.1	7.75	29.15	16,133	5.04		
W5B	-15.5	8/5/96	946			4.39 136	68.5 959	0.34 4.8	180 5053	19.3	7.76	29.02	16,061	6.05		
W5B	-15.5	9/3/96	906			4.43 137	68.1 953	0.44 6.2	207 5823	19.2	7.76	28.98	16,042	4.95		
W5B	-15.5	10/8/96	925			4.28 133	60.2 843	0.26 3.6	200 5610	18.7	7.73	29.20	16,163	5.69		
W5B	-15.5	11/4/96	926			4.31 133	59.1 828	0.29 4.1	176 4943	19.3	7.72	29.25	16,191	5.34		
W5B	-15.5	12/16/96	908			4.24 131	57.0 798	0.33 4.6	198 5572	18.5	7.75	29.58	16,371	5.21		
W5B	-15.5	1/13/97	942			4.30 133	59 826	0.08 1.1	181 5095	19.3	7.76	29.58	16,371	5.22		
W5B	-15.5	2/10/97	850			4.05 125	61 855	0.20 2.8	183 5142	18.9	7.78	29.68	16,426	5.29		
W5B	-15.5	3/10/97	836			3.96 123	74 1033	0.05 0.7	187 5252	19.0	7.79	29.77	16,477	5.29		
W5B	-15.5	4/22/97	917			4.11 127	65 912	0.37 5.2	190 5325	18.9	7.79	29.60	16,386	5.11		
W5B	-15.5	5/27/97	910			4.08 126	72 1006	0.05 0.7	182 5117	18.1	7.81	29.51	16,334	5.21		
W5B	-15.5	6/16/97	910			4.62 143	94 1315	0.33 4.6	195 5488	18.2	7.83	29.43	16,289	5.06		
W5B	-15.5	7/14/97	826			4.59 142	80 1120	0.07 1.0	175 4923	18.2	7.83	29.42	16,287	5.00		
W5B	-15.5	8/25/97	907			4.87 151	86 1206	0.22 3.1	177 4974	19.5	7.92	29.40	16,271	4.90		
W5B	-15.5	9/22/97	856			5.03 156	94 1319	0.17 2.4	175 4908	19.5	7.95	29.40	16,271	4.67		
W5B	-15.5	10/14/97	909			5.00 155	102 1434	0.21 2.9	175 4904	19.5	7.94	29.37	16,255	4.80		
W5B	-15.5	11/3/97	1130			5.05 156	94.7 1326	0.21 2.9	174 4892	19.2	7.91	29.34	16,238	4.89		
W5B	-15.5	12/15/97	933			5.16 160	89.3 1251	0.14 2.0	175 4909	18.7	7.93	29.39	16,270	5.22		
W5B	-15.5	1/5/98	1035			4.98 154	88.1 1234	0.05 0.7	161 4523	18.5	7.92	29.46	16,307	5.30		
W5B	-15.5	2/2/98	925			4.78 148	74.6 1044	0.05 0.7	168 4716	17.4	7.91	29.77	16,477	5.56		
W5B	-15.5	3/9/98	937			5.11 158	82.9 1161	0.14 2.0	170 4769	17.8	7.73	29.63	16,402	5.50		
W5B	-15.5	4/13/98	845			5.27 163	83 1159	0.15 2.1	171 4801	17.9	7.74	29.69	16,434	5.39		
W5B	-15.5	5/11/98	914			5.28 164	86 1201	0.24 3.4	172 4834	17.9	7.73	29.73	16,456	4.62		
W5B	-15.5	6/1/98	912			5.31 164	82.8 1159	0.05 0.7	170 4769	18.2	7.73	29.74	16,460	5.18		
W5B	-15.5	7/13/98	918			5.33 165	79 1113	0.06 0.8	171 4794	18.7	7.72	29.87	16,532	4.89		
W5B	-15.5	8/10/98	941			5.70 177	89.6 1255	0.17 2.4	176 4943	19.4	7.69	30.16	16,693	3.86		
W5B	-15.5	9/14/98	926			5.69 176	78.9 1105	0.14 2.0	178 5008	19.2	7.71	30.26	16,750	4.32		
W5B	-15.5	10/12/98	941			5.67 176	78.1 1094	0.04 0.6	173 4870	19.0	7.72	30.35	16,797	4.78		
W5B	-15.5	11/2/98	902			5.63 174	79.0 1107	0.04 0.6	175 4907	19.7	7.73	30.53	16,896	4.09		
W5B	-15.5	12/15/98	900			5.51 171	71.9 1007	0.07 1.0	179 5019	20.0	7.72	30.72	17,003	4.22		

NELHA Water Quality Laboratory

Well 5B 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)
W5B	-15.5	1/11/99	918			5.14 159	68 945	0.22 3.1	174 4878	19.5	7.72	30.59	16,935	4.91		
W5B	-15.5	2/2/99	911			5.30 164	83 1161	0.23 3.2	172 4836	19.8	7.71	30.73	17,008	4.01		
W5B	-15.5	3/1/99	913			5.21 161	65.1 912	0.03 0.4	167 4690	18.7	7.72	30.61	16,942	5.51		
W5B	-15.5	4/5/99	915			5.24 162	77.8 1090	0.06 0.8	169 4758	19.6	7.71	31.25	17,299	3.29		
W5B	-15.5	5/3/99	913			5.12 159	73.7 1033	0.15 2.1	181 5092	22.4	7.66	32.41	17,938	1.58		
W5B	-15.5	6/1/99	907			5.03 156	71.3 999	0.21 2.9	187 5249	22.9	7.67	32.66	18,079	1.70		
W5B	-15.5	7/14/99	912			4.57 142	63.7 892	0.02 0.3	178 4996	22.7	7.66	32.69	18,095	1.81		
W5B	-15.5	8/23/99	935			4.43 137	63.0 882	0.22 3.1	160 4494	22.2	7.75	31.99	17,708	3.66		
W5B	-15.5	9/7/99	924			4.44 138	64.1 898	0.09 1.3	152 4269	21.8	7.76	31.93	17,674	3.51		
W5B	-15.5	10/5/99	918			4.30 133	67.8 949	0.06 0.8	151 4235	21.9	7.73	32.07	17,753	3.30		
W5B	-15.5	11/1/99	938			4.31 133	62.6 877	0.04 0.6	156 4376	22.5	7.73	32.23	17,842	2.93		
W5B	-15.5	12/14/99	929			4.20 130	62.5 875	0.03 0.4	157 4409	22.2	7.68	32.26	17,856	3.37		
W5B	-15.5	1/10/00	958			4.15 129	58.6 821	0.16 2.2	163 4570	22.7	7.67	32.83	18,170	2.40		
W5B	-15.5	2/7/00	956			4.23 131	56.0 784	0.17 2.4	174 4878	23.4	7.69	33.22	18,385	2.02		
W5B	-15.5	3/21/00	958			4.05 125	56.1 786	0.06 0.8	168 4716	23.1	7.68	33.12	18,333	1.96		
W5B	-15.5	4/10/00	1027			3.98 123	53.8 754	0.11 1.5	166 4662	23.2	7.69	33.15	18,347	2.30		
W5B	-15.5	5/15/00	935			4.21 130	52.7 738	0.08 1.1	186 5230	24.0	7.68	33.51	18,546	2.27		
W5B	-15.5	6/5/00	936			4.10 127	51.1 716	0.05 0.7	187 5249	24.0	7.66	33.48	18,530	2.14		
W5B	-15.5	7/26/00	1005			4.31 133	52.8 740	0.02 0.3	192 5381	23.8	7.68	33.25	18,404	2.81		
W5B	-15.5	8/29/00	903			4.12 128	60.9 853	0.03 0.4	164 4600	21.8	7.67	32.17	17,804	3.63		
W5B	-15.5	9/5/00	934			4.09 127	67.7 948	0.08 1.1	163 4578	21.6	7.66	31.95	17,685	3.62		
W5B	-15.5	10/24/00	935			3.95 122	67.0 938	0.21 2.9	150 4210	22.2	7.67	32.18	17,811	3.51		
W5B	-15.5	11/13/00	913			3.69 114	75.5 1058	0.29 4.1	156 4384	22.3	7.65	32.11	17,772	2.99		
W5B	-15.5	12/18/00	922			3.95 122	96.3 1349	0.20 2.8	150 4204	22.1	7.67	31.99	17,707	2.54		
W5B	-15.5	1/22/01	916			3.85 119	85.9 1203	0.01 0.1	143 4019	21.8	7.63	32.13	17,783	2.16		
W5B	-15.5	2/5/01	941			3.68 114	84.2 1179	0.10 1.4	144 4047	22.5	7.64	32.58	18,036	1.93		
W5B	-15.5	3/5/01	933			3.81 118	78.9 1105	0.04 0.6	143 4022	22.6	7.62	32.55	18,016	2.15		
W5B	-15.5	4/17/01	920			3.80 118	74.7 1047	0.01 0.1	139 3898	22.1	7.65	32.61	18,053	2.67		
W5B	-15.5	5/15/01	905			3.83 119	77.5 1086	0.13 1.8	141 3957	21.4	7.67	32.29	17,872	3.17		
W5B	-15.5	6/12/01	918			3.86 120	73.4 1028	0.02 0.3	144 4039	21.4	7.68	32.26	17,857	3.25		
W5B	-15.5	7/23/01	923			3.79 117	74.4 1042	0.04 0.6	137 3851	20.9	7.67	32.03	17,732	3.40		
W5B	-15.5	8/8/01	908			3.84 119	74.1 1038	0.02 0.3	140 3938	20.9	7.67	32.22	17,833	3.69		
W5B	-15.5	9/19/01	921			4.06 126	83.0 1163	0.06 0.8	134 3755	20.9	7.69	31.71	17,553	3.58		
W5B	-15.5	10/24/01	854			4.06 126	82.5 1155	0.03 0.4	130 3643	20.7	7.68	31.62	17,505	3.01		
W5B	-15.5	11/7/01	911			4.24 131	91.6 1283	0.01 0.1	133 3727	20.6	7.67	31.51	17,440	3.48		

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	12/19/01	930			4.26 132	96.5 1352	0.03 0.4	145 4070	20.5	7.69	31.32	17,337	4.11		
W5B	-15.5	1/9/02	924			4.23 131	92.0 1289	0.17 2.4	136 3831	20.1	7.67	31.31	17,331	3.94		
W5B	-15.5	2/19/02	1040			4.42 137	81.4 1140	0.05 0.7	144 4036	20.8	7.69	31.91	17,664	3.77		
W5B	-15.5	3/20/02	938			4.36 135	80.1 1122	0.22 3.1	138 3873	21.0	7.72	31.87	17,639	3.63		
W5B	-15.5	4/8/02	1028			4.38 136	82.6 1157	0.04 0.6	129 3615	20.7	7.70	31.66	17,523	3.45		
W5B	-15.5	5/29/02	1016			4.44 138	82.3 1152	0.16 2.2	135 3803	20.9	7.71	31.47	17,417	4.83		
W5B	-15.5	6/17/02	949			4.81 149	71.6 1003	0.08 1.1	126 3544	21.0	7.71	31.68	17,533	3.82		
W5B	-15.5	7/15/02	945			4.66 144	61.2 857	0.10 1.4	135 3786	21.8	7.72	32.05	17,742	4.10		
W5B	-15.5	8/20/02	944			4.52 140	60.5 847	0.23 3.2	132 3719	21.7	7.72	31.87	17,642	4.16		
W5B	-15.5	9/23/02	1008			4.36 135	57.8 810	0.24 3.4	130 3651	22.3	7.73	32.38	17,925	3.82		
W5B	-15.5	10/14/02	924			4.33 134	70.5 987	0.04 0.6	133 3735	22.7	7.74	32.26	17,855	3.11		
W5B	-15.5	11/4/02	934			4.29 133	76.6 1072	0.02 0.3	141 3949	22.5	7.74	31.88	17,649	3.27		
W5B	-15.5	12/17/02	955			4.33 134	70.6 988	0.03 0.4	129 3612	23.3	7.72	32.33	17,895	2.95		
W5B	-15.5	1/21/03	1040			4.02 125	74.1 1038	0.02 0.3	135 3786	22.2	7.74	32.20	17,826	3.63		
W5B	-15.5	2/12/03	950			4.42 137	65.3 915	0.03 0.4	137 3851	23.1	7.74	32.85	18,183	2.84		
W5B	-15.5	3/19/03	953			4.68 145	75.9 1063	0.04 0.6	129 3623	23.0	7.77	32.30	17,877	3.22		
W5B	-15.5	4/28/03	935			4.70 146	72.9 1021	0.32 4.5	122 3421	22.5	7.81	32.07	17,754	3.67		
W5B	-15.5	5/12/03	913			4.58 142	71.8 1006	0.10 1.4	126 3536	22.3	7.82	32.08	17,759	3.76		
W5B	-15.5	6/3/03	928			4.67 145	72.3 1013	0.02 0.3	120 3362	22.4	7.75	32.08	17,759	3.36		
W5B	-15.5	7/29/03	954			4.11 127	59.9 838	0.06 0.8	142 3977	22.7	7.77	32.59	18,039	3.75		
W5B	-15.5	8/26/03	949			4.52 140	66.6 933	0.06 0.8	129 3620	21.3	7.74	31.63	17,508	3.77		
W5B	-15.5	9/15/03	931			4.43 137	63.8 894	0.02 0.3	125 3516	21.7	7.76	31.54	17,459	3.69		
W5B	-15.5	10/6/03	913			4.66 144	67.1 940	0.07 1.0	126 3533	21.1	7.74	31.67	17,530	NA		
W5B	-15.5	10/28/03	1007			4.70 146	63.1 884	0.10 1.4	126 3530	22.3	7.74	31.59	17,483	NA		
W5B	-15.5	11/14/03	1316							22.2				3.71		
W5B	-15.5	12/15/03	919			4.86 151	59.5 834	0.06 0.8	124 3469	21.8	7.74	31.72	17,558	3.41		
W5B	-15.5	1/26/04	924			4.80 149	63.1 884	0.10 1.4	130 3640	21.5	7.76	31.45	17,409	3.52		
W5B	-15.5	2/5/04	923			4.84 150	69.1 968	0.20 2.8	132 3716	21.2	7.76	31.49	17,432	3.98		
W5B	-15.5	3/2/04	928			4.82 149	63.7 892	0.30 4.2	125 3516	21.6	7.78	31.59	17,486	3.63		
W5B	-15.5	4/20/04	923			4.78 148	82.4 1155	0.05 0.7	120 3376	21.2	7.78	31.29	17,317	4.35		
W5B	-15.5	5/11/04	838			4.70 146	74.9 1049	0.30 4.2	120 3381	22.0	7.81	30.56	16,916	n/a		
W5B	-15.5	5/12/04	1005							21.4				4.36		
W5B	-15.5	6/2/04	857			4.74 147	72.5 1015	0.18 2.5	121 3407	21.5	7.76	30.50	16,883	4.29		
W5B	-15.5	7/14/04	929			4.38 136	80.5 1127	0.20 2.8	123 3466	21.8	7.79	30.29	16,766	4.49		
W5B	-15.5	8/23/04	940			4.46 138	81.9 1147	0.39 5.5	123 3460	21.2	7.78	30.15	16,689	4.34		

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	9/2/04	946			4.44 138	80.7 1131	0.13 1.8	124 3494	20.8	7.78	30.09	16,656	4.44		
W5B	-15.5	10/4/04	900			4.42 137	79.4 1112	0.19 2.7	118 3314	22.7	7.76	30.26	16,750	4.41		
W5B	-15.5	11/23/04	908			4.50 139	70.7 990	0.06 0.8	129 3620	22.7	7.78	30.29	16,766	4.06		
W5B	-15.5	12/8/04	855			4.48 139	71.9 1008	0.10 1.4	127 3553	21.6	7.79	30.36	16,805	4.33		
W5B	-15.5	1/18/05	908			4.42 137	71.0 994	0.08 1.1	136 3820	21.8	7.85	31.52	17,445	4.11		
W5B	-15.5	2/10/05	855			4.44 138	72.4 1014	0.27 3.8	131 3682	21.5	7.84	31.35	17,355	4.14		
W5B	-15.5	3/22/05	902			4.68 145	84.3 1181	0.14 2.0	131 3665	21.0	7.84	31.28	17,312	4.30		
W5B	-15.5	4/20/05	853			4.38 136	75.8 1061	0.11 1.5	128 3589	20.9	7.85	31.32	17,334	4.44		
W5B	-15.5	5/25/05	915			4.22 131	79.6 1115	0.15 2.1	131 3682	19.8	7.83	31.30	17,326	4.47		
W5B	-15.5	6/14/05	913			4.36 135	77.1 1080	0.12 1.7	128 3603	20.9	7.82	31.21	17,277	4.52		
W5B	-15.5	7/19/05	908			4.36 135	77.1 1080	0.10 1.4	124 3488	21.0	7.81	31.17	17,251	4.53		
W5B	-15.5	8/3/05	938			4.48 139	73.1 1024	0.03 0.4	126 3528	21.0	7.85	31.08	17,202	5.08		
W5B	-15.5	9/22/05	901			4.34 134	64.4 902	0.13 1.8	124 3469	21.9	7.84	31.40	17,383	4.85		
W5B	-15.5	10/19/05	915			4.22 131	74.1 1038	0.14 2.0	120 3356	21.6	7.82	31.16	17,248	4.69		
W5B	-15.5	11/8/05	900			4.08 126	75.3 1055	0.08 1.1	108 3030	22.4	7.78	31.42	17,393	3.96		
W5B	-15.5	12/22/05	834			3.80 118	70.3 985	0.29 4.1	123 3457	22.6	7.70	31.71	17,550	3.59		
W5B	-15.5	1/31/06	859			3.72 115	67.9 951	0.19 2.7	124 3483	22.5	7.66	31.95	17,684	2.87		
W5B	-15.5	2/16/06	854			3.84 119	69.6 975	0.20 2.8	124 3477	21.9	7.71	31.66	17,525	3.44		
W5B	-15.5	3/22/06	845			3.63 112	63.7 892	0.27 3.8	120 3370	22.1	7.63	32.00	17,711	1.44		
W5B	-15.5	4/27/06	925			3.61 112	69.7 976	0.10 1.4	108 3033	22.2	7.65	32.05	17,743	3.46		
W5B	-15.5	5/24/06	948			3.27 101	63.2 885	0.05 0.7	112 3146	22.9	7.65	32.11	17,772	3.28		
W5B	-15.5	6/28/06	932			3.30 102	64.0 896	0.35 4.9	110 3089	22.7	7.61	32.33	17,895	2.46		
W5B	-15.5	7/19/06	910			3.25 101	67.1 940	0.25 3.5	101 2837	23.5	7.54	32.28	17,869	2.69		
W5B	-15.5	8/9/06	932			3.15 98	64.2 899	0.14 2.0	109 3061	24.7	7.59	32.26	17,855	2.53		
W5B	-15.5	9/20/06	943			3.23 100	57.5 805	0.24 3.4	107 3005	23.5	7.56	32.40	17,934	2.07		
W5B	-15.5	10/25/06	938			3.36 104	49.3 691	0.34 4.8	108 3033	25.1	7.51	32.78	18,142	3.15		
W5B	-15.5	11/29/06	935			3.58 111	54.4 762	0.29 4.1	104 2921	24.5	7.52	32.60	18,047	1.92		
W5B	-15.5	12/13/06	939			3.52 109	59.2 829	0.24 3.4	103 2893	24.7	7.53	32.61	18,053	1.76		
W5B	-15.5	1/10/07	925			3.87 120	59.6 835	0.26 3.6	106 2977	23.4	7.54	32.41	17,939	2.10		
W5B	-15.5	2/21/07	1005			3.62 112	61.1 856	0.43 6.0	107 3005	23.3	7.58	32.16	17,802	2.69		
W5B	-15.5	3/7/07	956			3.64 113	63.2 885	0.25 3.5	110 3089	22.8	7.61	32.00	17,711	2.76		
W5B	-15.5	4/19/07	935			3.88 120	69.2 969	0.24 3.4	110 3089	23	7.66	31.79	17,599	2.72		
W5B	-15.5	5/2/07	942			3.89 120	63.3 887	0.27 3.8	110 3089	22.2	7.64	31.84	17,626	2.87		
W5B	-15.5	6/20/07	946			3.90 121	60.5 848	0.19 2.7	107 3005	22.9	7.66	32.13	17,783	2.77		
W5B	-15.5	7/23/07	1143	-3.22	0.52 Flood	2.80 87	31.9 447	0.04 0.5	59 1663	24.3	7.49	31.34	17,348	2.54		

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	8/27/07	1417	-2.82	0.52 Flood	5.27 163	80.2 1123	0.15 2.1	113 3164	21.7	7.61	31.07	17,198	3.13		
W5B	-15.5	9/18/07	1552	-3.07	0.24 Ebb	4.54 141	73.2 1026	1.26 18	118 3313	20.1	7.63	31.15	17,242	3.71		
W5B	-15.5	10/23/07	1430	-2.87	0.52 High	4.61 143	77.5 1086	0.29 4.1	115 3233	19.8	7.67	30.92	17,115	4.04		
W5B	-15.5	11/20/07	1430	-3.10	0.38 Ebb	4.73 146	77.3 1082	0.06 0.8	121 3390	19.4	7.73	30.93	17,121	3.85		
W5B	-15.5	12/19/07	1300	-3.22	0.30 High	4.44 137	87.7 1228	0.90 13	104 2924	19.7	7.58	30.65	16,966	2.75		
W5B	-15.5	1/25/08	1051	-3.05	0.24 Ebb	3.34 103	46.8 656	0.46 6.5	86 2423	20.0	7.28	30.94	17,126	2.63		
W5B	-15.5	2/26/08	1215	-3.43	0.03 Ebb	4.98 154	90.3 1265	2.27 32	117 3291	19.6	7.50	31.20	17,270	3.02		
W5B	-15.5	3/17/08	1343	-2.95	0.21 Flood	4.77 148	71.9 1007	0.06 0.8	98 2759	19.8	7.61	31.30	17,325	3.05		
W5B	-15.5	4/29/08	937	-3.35	0.09 Flood	4.85 150	79.5 1113	0.09 1.2	118 3312	19.4	7.53	31.05	17,187	3.67		
W5B	-15.5	5/28/08	1008	-3.10	0.18 Flood	4.48 139	74.0 1037	0.13 1.8	136 3833	19.9	7.66	31.42	17,392	3.35		
W5B	-15.5	6/17/08	1057	-3.28	0.00 Flood	4.73 146	76.9 1077	0.39 5.4	117 3273	19.8	7.48	31.11	17,220	4.95	0.12	
W5B	-15.5	7/22/08	1126	-3.25	0.30 Ebb	4.06 126	83.9 1175	0.42 5.9	118 3307	19.1	7.59	31.02	17,170	4.64		
W5B	-15.5	7/31/08	950	-3.58	-0.09 Low	4.15 129	81.4 1140	0.26 3.6	117 3286	21.4	7.51	30.69	16,988	2.45		
W5B	-15.5	9/16/08	1037	-2.94	0.12 Ebb	4.48 139	77.6 1087	1.08 15	120 3363	19.7	7.48	30.95	17,132	3.92		
W5B	-15.5	10/31/08	924	-3.22	0.30 Ebb	5.64 175	86.0 1205	0.25 3.5	119 3348	20.2	7.37	31.05	17,187	3.19		
W5B	-15.5	11/14/08	1149	-3.47	0.12 Ebb	4.55 141	88.4 1238	0.24 3.4	116 3254	20.7	7.70	31.01	17,165	2.94	0.35	
W5B	-15.5	12/16/08	1000	-3.15	0.61 Ebb	5.19 161	95.2 1334	0.11 1.5	127 3558	20.3	7.67	31.14	17,237	2.82		
W5B	-15.5	1/23/09	1438	-3.41	0.15 High	4.67 145	99.0 1386	0.82 12	109 3050	20.9	7.75	31.51	17,442	2.82	0.10	
W5B	-15.5	2/24/09	1554	-3.25	0.30 Flood	4.49 139	47.6 667	0.30 4.2	114 3197	20.3	7.62	31.51	17,442	2.84	0.08	
W5B	-15.5	3/16/09	1542	-3.52	0.03 Low	3.30 102	82.0 1148	0.13 1.8	94 2632	21.3	7.55	31.30	17,325	2.84	0.19	
W5B	-15.5	4/30/09	1540	-3.57	0.09 Flood	7.01 217	97.4 1364	0.58 8.1	121 3392	21.4	7.68	31.32	17,336	1.19		
W5B	-15.5	5/29/09	955	-3.33	0.21 High	3.96 123	95.8 1341	0.17 2.4	94 2638	18.6	7.76	31.59	17,486	2.30	0.04	
W5B	-15.5	6/18/09	1412	-2.99	0.61 High	5.77 179	77.1 1080	0.28 3.9	97 2737	18.6	7.72	31.30	17,325	3.18	0.03	
W5B	-15.5	7/31/09	1113	-3.07	0.52 Flood	4.19 130	94 1314	0.14 2.0	93 2601	18.8	7.69	31.44	17,403	2.82	0.07	
W5B	-15.5	8/19/09	1111	-3.49	0.09 Flood	3.64 113	80 1118	1.21 17.0	71 1997	18.9	7.61	31.45	17,408	2.26	0.08	
W5B	-15.5	9/24/09	941	-3.09	0.61 High	4.48 139	87 1215	0.23 3.2	109 3063	19.5	8.00	31.54	17,458	2.93	0.07	
W5B	-15.5	10/23/09	1411	-3.45	0.21 Ebb	4.15 128	63 884	0.88 12.3	93 2615	19.6	7.56	31.40	17,381	3.38	0.06	
W5B	-15.5	11/17/09	1026	-3.64	0.21 Ebb	4.81 149	76 1065	0.87 12.2	132 3711	19.4	7.55	31.24	17,292	3.06	0.03	
W5B	-15.5	12/8/09	1014	-3.13	0.52 Ebb	4.58 142	84 1173	1.12 15.7	147 4127	19.6	7.61	31.13	17,231	2.82	0.04	
W5B	-15.5	1/6/10	942	-3.13	0.40 Ebb	4.16 129	77 1082	1.14 16	138 3869	19.9	7.50	31.10	17,215	3.12	0.13	
W5B	-15.5	2/2/10	924	-3.47	0.24 Ebb	4.68 145	99 1382	0.71 10	126 3531	19.6	7.55	31.11	17,220	2.58	0.08	
W5B	-15.5	3/10/10	903	-3.60	0.09 Low	5.59 173	93 1303	0.43 6	146 4089	20.2	7.54	30.85	17,076	3.06	0.03	
W5B	-15.5	4/6/10	1515	-3.51	0.09 Ebb	5.13 159	86 1198	0.93 13	144 4048	20.6	7.54	31.02	17,170	3.07	0.10	
W5B	-15.5	5/12/10	844	-3.64	-0.06 Low	5.00 155	76 1060	1.00 14.0	130 3644	19.3	7.59	31.01	17,165	2.88	0.04	
W5B	-15.5	6/16/10	1109	-3.54	0.09 Ebb	5.42 168	88 1237	0.79 11.0	150 4225	20.2	7.53	31.05	17,187	2.71	0.49	

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	7/14/10	842	-3.33	0.18 Ebb	5.10 158	95 1334	0.07 1.0	170 4762	18.6	7.58	31.11	17,220	3.10	0.10	
W5B	-15.5	8/3/10	1732	-3.24	0.12 Ebb	5.00 155	81 1131	0.51 7.1	144 4032	18.8	7.62	31.23	17,287	2.93	0.27	
W5B	-15.5	9/13/10	1519	-3.33	0.24 Ebb	5.07 157	77 1074	0.25 3.5	147 4129	19.5	7.51	31.41	17,386	3.16	0.12	
W5B	-15.5	10/11/10	1023	-3.11	0.46 Ebb	4.84 150	74 1034	0.06 0.9	146 4100	19.9	7.62	31.37	17,364	3.30	0.23	
W5B	-15.5	11/15/10	1145	-3.11	0.43 High	5.10 158	73 1021	0.12 1.7	143 4003	20.2	7.59	31.78	17,591	3.30	0.12	
W5B	-15.5	12/13/10	859	-3.10	0.40 High	5.10 158	78 1093	0.14 1.9	145 4071	20.2	7.61	31.54	17,458	2.79	0.12	
W5B	-15.5	1/3/11	1538	-3.45	0.21 High	5.07 157	80 1121	0.15 2.1	142 3994	20.2	7.53	31.38	17,370	2.53	0.09	
W5B	-15.5	4/4/11	1429	-3.20	0.30 Flood	5.00 155	91 1281	0.11 1.6	129 3636	19.2	7.61	31.02	17,170	3.25	0.06	
W5B	-15.5	7/11/11	1317	-3.02	0.67 Flood	4.71 146	79 1111	0.19 2.6	129 3616	19.7	7.55	31.53	17,453	4.20	0.05	
W5B	-15.5	10/10/11	1228	-3.35	0.30 Flood	4.68 145	60 842	0.05 0.7	125 3502	20.9	7.59	32.19	17,818	3.95	0.09	
W5B	-15.5	1/9/12	1303	-3.49	0.03 Low	4.62 143	76 1068	0.04 0.5	123 3453	19.5	7.60	31.38	17,370	3.56	0.07	
W5B	-15.5	4/30/12	1421	-3.17	0.27 Ebb	4.58 142	67 937	0.06 0.8	130 3645	19.9	7.56	31.89	17,652	3.27	0.02	
W5B	-15.5	7/17/12	1611	-2.87	0.73 High	4.20 130	69 965	0.16 2.3	134 3770	20.0	7.57	31.97	17,696	3.41	0.05	
W5B	-15.5	10/15/12	1243	-3.40	0.12 Flood	4.29 133	67 940	0.17 2.4	128 3601	20.3	7.64	32.05	17,741	3.41	0.05	
W5B	-15.5	1/1/13	1331	-3.29	0.24 Ebb	4.13 128	79 1106	0.23 3.2	170 4787	19.5	7.63	31.85	17,630	3.81	0.02	
W5B	-15.5	4/8/13	1140	-3.53	0.09 Flood	4.42 137	89 1245	0.24 3.4	129 3614	18.4	7.65	31.48	17,425	4.04	0.02	
W5B	-15.5	7/16/13	1525	-3.24	0.37 Ebb	4.10 127	71 993	0.14 1.9	130 3638	21.2	7.64	32.04	17,735	3.51	0.12	
W5B	-15.5	10/14/13	1532	-3.21	0.43 Ebb	3.97 123	61 855	0.44 6.2	124 3489	21.9	7.78	32.32	17,890	4.33	0.02	
W5B	-15.5	1/14/14	1422	-3.19	0.21 Flood	4.16 129	80.2 1123	0.18 2.5	127 3565	21.3	7.69	30.45	16,855	2.32	0.02	
W5B	-15.5	4/28/14	1640	-2.98	0.55 High	4.36 135	114 1594	0.50 7.0	119 3348	19.3	7.73	31.08	17,204	3.56	0.03	
W5B	-15.5	7/28/14	1429	-3.32	0.38 Flood	4.65 144	93 1298	0.36 5.0	121 3389	19.8	7.66	31.49	17,431	4.09	0.06	
W5B	-15.5	11/3/14	1109	-3.15	0.38 Flood	4.58 142	74 1041	0.07 1.0	116 3261	21.0	7.69	31.60	17,491	3.19	0.08	
W5B	-15.5	2/9/15	1631	-3.23	0.10 Low	5.37 166	95 1336	0.44 6.2	140 3921	20.1	7.68	31.59	17,486	3.39	0.13	
W5B	-15.5	5/19/15	1633	-2.9	0.61 Flood	4.07 126	81 1134	0.17 2.4	114 3210	19.7	7.72	31.27	17,309	3.61	0.03	
W5B	-15.5	7/22/15	1112	-3.32	0.24 Ebb	4.25 132	69 968	0.20 2.8	119 3340	21.6	7.61	32.92	18,222	2.82	0.02	
W5B	-15.5	11/13/15	1017	-3.23	0.15 Low	4.28 133	91 1278	0.09 1.3	119 3346	23.3	7.71	31.45	17,408	3.15	0.15	
W5B	-15.5	1/26/16	1634	-3.28	0.33 Flood	4.11 127	93 1304	0.03 0.4	120 3380	22.1	7.64	31.53	17,453	3.26	0.07	
W5B	-15.5	4/22/16	1601	-2.99	0.50 Ebb	3.95 122	72 1014	0.28 3.9	112 3140	21.0	7.59	31.75	17,574	3.63	0.05	
W5B	-15.5	7/26/16	1512	-3.33	0.40 Ebb	3.67 114	53 748	0.08 1.1	107 3016	23.1	7.82	32.31	17,884	4.02	0.05	
W5B	-15.5	11/15/15	1031	-3.39	0.10 Low	3.57 111	47 659	0.29 4.1	110 3092	23.5	7.64	32.47	17,973	3.67	0.02	
W5B	-15.5	3/22/17	1420	-3.19	0.20 Ebb	3.78 117	69 973	0.29 4.1	119 3344	22.6	7.93	32.23	17,840	3.07	0.04	
W5B	-15.5	4/19/17	1400	-3.27	0.12 Ebb	3.89 121	71 989	0.24 3.3	120 3357	23.1	7.71	32.04	17,735	1.96	0.08	
W5B	-15.5	8/9/17	1604	-2.93	0.50 Flood	3.86 120	43 600	0.11 1.5	116 3260	23.2	7.76	32.63	18,062	3.12	0.04	
W5B	-15.5	10/19/17	1429	-3.08	0.50 Flood	3.60 111	44 623	0.31 4.3	104 2921	24.5	7.78	32.48	17,979	3.49	0.03	
W5B	-15.5	1/18/18	1414	-3.45	0.20 Flood	3.53 109	54 758	0.17 2.4	119 3343	23.8	7.72	32.28	17,868	3.04	0.05	

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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)
W5B	-15.5	5/11/18	1037	-3.42	0.15 Flood	4.26 132	69 972	0.09 1.3	119 3329	22.4	7.74	31.62	17,502	2.20	0.02	
W5B	-15.5	9/4/18	1338	-2.86	0.67 Flood	4.23 131	48 672	0.41 5.7	126 3549	23.4	7.80	32.19	17,818	2.17	0.07	
W5B	-15.5	10/25/18	1517	-3.15	0.49 High	4.42 137	48 667	0.00 0.0	106 2971	23.8	7.74	32.33	17,895	2.76	0.05	
W5B	-15.5	2/8/19	1349	-3.62	0.06 Low	4.80 149	61 860	0.06 0.9	110 3102	22.9	7.67	31.69	17,541	3.16	0.04	
W5B	-15.5	5/16/19	940	-3.64	-0.07 Low	4.32 134	42 586	0.14 2.0	106 2976	22.3	7.71	33.15	18,349	3.64	0.07	
W5B	-15.5	8/28/19	1146	-3.19	0.35 Flood	3.32 103	34 473	0.32 4.5	99 2782	23.8	7.85	33.42	18,499	4.09	0.07	
W5B	-15.5	10/11/19	1525	-2.88	0.57 High	2.90 90	28 392	0.42 5.9	98 2750	24.6	7.87	33.00	18,266	4.81	0.04	
W5B	-15.5	2/5/20	1529	-3.36	0.22 Ebb	3.67 114	50 699	-0.49 -6.9	104 2920	23.1	7.78	33.17	18,360	3.72	0.02	
W5B	-15.5	6/3/20	1428	-2.7	0.60 High	2.75 85	45 637	0.24 3.4	96 2706	21.3	7.72	32.51	17,995	4.72	0.04	
W5B	-15.5	8/19/20	1346	-3.09	0.40 Flood	3.04 94	43 600	0.23 3.2	107 3008	21.7	7.80	32.65	18,073	4.66	0.05	
W5B	-15.5	12/9/20	1627	-3.31	0.10 Ebb	3.36 104	48 671	0.23 3.2	103 2904	21.7	7.76	32.70	18,100	4.88	0.11	
W5B	-15.5	2/18/21	1354	-3.42	0.05 Low	3.85 119	48 669	0.13 1.8	114 3210	22.0	7.72	32.96	18,244	5.01	0.05	
W5B	-15.5	4/15/21	1054	-3.53	-0.03 Low	3.82 118	52 726	0.13 1.8	112 3140	21.5	7.66	32.40	17,934	3.83	0.08	
W5B	-15.5	7/7/21	1352	-3.03	0.50 Flood	3.71 115	50 696	0.09 1.2	105 2942	21.4	7.54	32.09	17,763	3.48	0.13	
W5B	-15.5	11/8/21	1352	-3.46	0.18 Low	3.72 115	46 643	0.25 3.5	111 3107	22.1	7.56	31.78	17,591	3.60	0.04	
W5B	-15.5	2/8/22	1225	-3.36	0.15 Ebb	3.76 116	55 770	0.51 7.1	124 3491	20.7	7.67	31.26	17,303	4.22	0.05	
W5B	-15.5	4/21/22	1050	-3.56	0.01 Low	3.27 101	45 631	0.02 0.3	119 3350	20.8	7.62	31.06	17,193	3.78	0.06	
W5B	-15.5	7/13/22	1325	-3.26	0.40 Flood	3.60 112	44 623	-0.42 -5.9	115 3232	21.6	7.58	31.83	17,619	3.88	0.09	
W5B	-15.5	11/22/22	1219	-3.35	0.35 Flood	4.09 127	55 767	0.04 0.5	110 3100	21.5	7.67	31.59	17,486	3.82	0.11	
W5B	-15.5	1/26/23	1114	-3.3	0.20 Ebb	3.86 120	56 790	0.11 1.6	113 3163	21.1	7.68	31.30	17,325	4.14	0.04	
W5B	-15.5	4/26/23	1407	-3.49	0.08 Flood	4.11 127	46 647	0.13 1.8	109 3072	20.8	7.62	31.07	17,198	4.37	0.06	
W5B	-15.5	8/15/23	1349	-3.08	0.60 High	3.53 109	58 811	-0.14 -2.0	111 3130	21.2	7.61	31.66	17,525	4.66	0.26	
W5B	-15.5	11/16/23	1136	-3.22	0.20 Low	2.91 90	44 621	0.11 1.5	106 2966	21.7	7.71	31.40	17,381	4.81	0.21	
W5B	-15.5	1/23/24	1557	-3.24	0.70 Ebb	3.11 96	41 578	0.11 1.5	108 3029	21.4	7.73	31.78	17,591	4.71	0.14	143.3
W5B	-15.5	5/7/24	1405	-3.01	0.45 Flood	3.50 108	48 669	-0.13 -1.8	105 2941	20.9	7.74	34.45	19,069	4.88	0.16	201.7
W5B	-15.5	7/31/24	1511	-2.77	0.67 High	3.73 116	43 606	0.09 1.2	105 2959	21.2	7.79	31.45	17,408	5.06	0.40	114.6
W5B	-15.5	12/11/24	1141	-3.16	0.40 High	3.34 104	54 754	0.19 2.6	105 2940	20.6	7.77	31.03	17,176	5.11	0.10	191.3
W5B	-15.5	1/10/25	1359	-3.27	0.15 Ebb	3.65 113	48 670	0.24 3.4	108 3022	20.6	7.80	31.30	17,325	5.16	0.05	149.2
W5B	-15.5	5/13/25	1625	-2.84	0.62 High	3.53 109	54 757	0.02 0.3	107 2994	20.0	7.78	30.93	17,121	5.12	0.11	155.0
W5B	-15.5	7/30/25	1213	-3.09	0.20 Low	3.60 112	53 745	0.04 0.6	107 2995	20.8	7.78	31.21	17,276	5.07	0.36	217.9
W5B	-15.5	12/18/25	1058	-3.34	0.20 Low	3.93 122	57 798	0.00 0.0	262 7356	21.1	7.71	31.28	17,314	4.90	0.15	121.3

NELHA Water Quality Laboratory

Well 5B Data Table

6/23/1990 - 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				-3.24	0.29	4.19 130	67.17 941	0.21 2.9	147 4113	20.0	7.70	31.11	17,220	3.91	0.09	161.8
Std. Dev.				0.22	0.20	0.67 21	15.13 212	0.26 3.7	36 1018	2.5	0.11	1.11	612	1.27	0.09	37.8
Maximum				-2.70	0.73	7.01 217	114 1594	2.27 31.8	262 7356	25.1	8.06	34.45	19,069	7.38	0.49	217.9
Minimum				-3.64	-0.09	2.32 72	28 392	-0.49 -6.9	59 1663	13.5	7.28	27.97	15,484	0.86	0.02	114.6
n				102	102	308 308	308 308	308 308	302 301	309	307	307	307	306	85	8