NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m) (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4 & NH_3 (µM)	NH_4 & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	5/20/92	938			4.02	125	59.9	839	0.31	4.3	283	7948	14.7	7.486	27.588	15,271	7.07		
W8A	-11.0	6/24/92	920			3.99	124	53.3	747	0.63	8.8	260	7302	15.4	7.533	28.335	15,684	6.56		
W8A	-11.0	7/30/92	838			4.13	128	53.1	744	1.17	16	254	7134	15.2	7.583	28.140	15,576	6.67		
W8A	-11.0	8/31/92	856											15.9	7.606	27.870	15,427	6.75		
W8A	-11.0	9/23/92	928			4.23	131	54.7	766	0.32	4.5	279	7836	15.9	7.570	27.866	15,425	6.44		
W8A	-11.0	10/28/92	950			4.22	131	62.1	870	0.20	2.8	294	8257	15.2	7.495	27.436		6.69		
W8A	-11.0	11/18/92	932			4.43	137	61.8	866	0.21	2.9	279	7836	14.7	7.474	27.767	15,370	6.52		
W8A	-11.0	12/9/92	923			4.29	133	61.3	859	0.09	1.3	288	8089	15.1	7.524	27.022	14,957	6.68		
W8A	-11.0	1/27/93	907			4.30	133	58.3	816	0.22	3.1	302	8485	16.1	7.631	26.821	14,846	5.45		
W8A	-11.0	2/24/93	850			4.34	134	56.3	788	0.05	0.7	297	8341	16.6	7.744	27.111	15,007	5.32		
W8A	-11.0	3/17/93	915			4.08	126	47.2	661	0.36	5.0	309	8676	17.1	7.772	25.983	14,382	5.08		
W8A	-11.0	4/28/93	845			4.34	134	48.9	685	0.28	3.9	293	8229	17.4	7.733	26.791	14,830	4.99		
W8A	-11.0	5/26/93	848			4.22	131	46.1	645	0.24	3.4	330	9268	17.3	7.737	26.692	14,775	4.92		
W8A	-11.0	6/29/93	901			4.27	132	46.0	644	0.15	2.1	294	8257	17.6	7.732	26.985	14,937	4.61		
W8A	-11.0	9/1/93	903			4.77	148	60.5	847	0.24	3.4	360	10100	19.5	7.559	25.037	13,859	1.37		
W8A	-11.0	10/27/93	858			4.67	145	39.4	552	0.15	2.1	344	9661	21.2	7.640	25.499	14,114	0.64		
W8A	-11.0	3/1/94	1110			4.10	127	45.3	634	0.37	5.2	234	6572	21.0	7.675	24.469	13,544	1.27		
W8A	-11.0	6/22/94	835			3.26	101	23.1	324	0.29	4.1	312	8776	21.9	7.789	26.346	14,583	0.97		
W8A	-11.0	8/24/94	918			3.99	124	33.2	464	0.01	0.1	287	8052	21.7	7.649	26.288	14,551	1.49		
W8A	-11.0	11/28/94	1058			3.24	100	49.0	686	0.46	6.4	304	8538	22.7	7.680	24.534	13,580	1.27		
W8A	-11.0	1/25/95	929			3.65	113	49.8	697	0.01	0.1	288	8080	21.8	7.830	25.102	13,895	1.06		
W8A	-11.0	2/15/94	943			4.45	138	73.4	1028	0.04	0.6	289	8108	21.4	7.858	25.029	13,854	1.13		
W8A	-11.0	3/29/95	928			4.16	129	65.4	916	0.33	4.6	303	8510	21.7	7.856	24.858	13,760	0.80		
W8A	-11.0	4/26/95	919			4.24	131	62.9	881	0.10	1.4	288	8097	21.6	7.818	25.309	14,009	0.73		
W8A	-11.0	5/9/95	1057			3.30	102	49.7	697	0.28	3.9	330	9263	21.8	7.747	24.386	13,498	0.65		
W8A	-11.0	6/28/95	915			4.11	127	43.2	605	0.49	6.9	328	9198	21.6	7.506	24.031	13,302	0.90		
W8A	-11.0	7/26/95	1056			4.30	133	36.8	515	0.25	3.5	340	9538	21.4	7.436	23.863	13,209	0.85		
W8A	-11.0	8/23/95	1023			4.32	134	37.0	518	0.56	7.8	335	9409	21.3	7.465	24.582	13,607	BOTTLE BROKE		
W8A	-11.0	9/12/95	957			4.26	132	35.7	500	0.18	2.5	332	9336	21.1	7.511	24.207	13,399	1.38		
W8A	-11.0	10/17/95	1145			4.99	155	45.2	633	0.19	2.7	350	9841	21.1	7.469	23.660	13,096	1.19		
W8A	-11.0	11/7/95	1057			4.70	146	41.3	579	0.41	5.7	328	9220	21.0	7.595	24.380	13,495	1.64		
W8A	-11.0	12/6/95	1110			4.80	149	47.8	670	0.35	4.9	320	8993	21.2	7.611	24.435	13,525	1.49		
W8A	-11.0	1/30/96	854			5.68	176	55.0	770	0.22	3.1	340	9543	21.0	7.642	24.038	13,306	1.41		
W8A	-11.0	2/27/96	1106			6.13	190	90.3	1265	0.21	2.9	315	8844	21.3	7.627	24.025	13,298	1.41		
W8A	-11.0	2/27/96	1224			7.12	221	158.8	2224	0.40	5.6	307	8630	21.6	7.662	23.711	13,125	0.65		

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m) (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4^+ & NH_3 (µM)	NH_4^+ & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	4/2/96	1115			7.30	226	158.0	2213	0.16	2.2	318	8918	21.5	7.735	24.124	13,353	1.33		
W8A	-11.0	5/15/96	1102			7.00	217	102.0	1429	0.07	1.0	310	8707	22.5	7.893	24.343	13,474	0.95		
W8A	-11.0	6/18/96	1035			6.75	209	76.7	1074	0.14	2.0	292	8205	21.6	7.866	25.418	14,070	1.10		
W8A	-11.0	7/17/96	1057			6.30	195	67.1	939	0.14	2.0	273	7670	22.3	7.851	26.121	14,459	1.74		
W8A	-11.0	8/6/96	1119			5.57	173	65.2	913	0.47	6.6	255	7167	23.6	7.853	26.635	14,743	2.34		
W8A	-11.0	9/4/96	1059			5.83	181	60.1	841	0.48	6.7	267	7496	23.5	7.810	26.330	14,574	1.98		
W8A	-11.0	10/9/96	1154			5.33	165	51.4	719	0.34	4.8	279	7835	23.5	7.790	26.385	14,605	3.04		
W8A	-11.0	11/6/96	1041			6.07	188	60.5	847	0.17	2.4	284	7964	23.5	7.727	25.347	14,030	1.76		
W8A	-11.0	12/17/96	1120			5.06	157	78.6	1100	0.20	2.8	272	7637	23.1	7.759	25.827	14,296	1.66		
W8A	-11.0	1/14/97	1119			5.90	183	111.1	1555	0.11	1.5	269	7541	22.7	7.764	25.269	13,987	1.84		
W8A	-11.0	2/11/97	934			6.10	189	222.1	3111	0.26	3.6	247	6948	22.3	7.915	26.227	14,517	2.12		
W8A	-11.0	3/11/97	958			6.04	187	262.7	3679	0.20	2.8	260	7288	22.3	8.022	26.018	14,402	0.94		
W8A	-11.0	4/23/97	1056			5.34	165	158.6	2221	0.33	4.6	335	9409	22.5	7.889	25.613	14,177	1.68		
W8A	-11.0	5/28/97	1003			5.78	179	91.5	1282	0.02	0.3	248	6960	21.9	7.887	26.434	14,632	2.69		
W8A	-11.0	6/17/97	1045			5.82	180	77.6	1087	0.25	3.5	245	6873	22.0	7.886	26.342	14,581	2.18		
W8A	-11.0	7/15/97	1039			6.91	214	76.3	1069	0.42	5.9	252	7080	21.9	7.830	25.791	14,276	0.40		
W8A	-11.0	8/26/97	1106			5.80	180	64.2	899	0.43	6.0	237	6651	23.0	7.952	27.557	15,254	2.16		
W8A	-11.0	9/23/97	910			6.20	192	52.4	734	0.25	3.5	255	7173	21.9	7.870	25.819	14,291	0.73		
W8A	-11.0	10/14/97	1016			6.10	189	44.2	619	0.14	2.0	266	7468	21.7	7.840	25.769	14,264	0.96		
W8A	-11.0	11/4/97	845			6.04	187	57.0	798	0.12	1.7	263	7389	21.6	7.915	25.707	14,229	1.24		
W8A	-11.0	12/16/97	1044			5.82	180	59.4	832	0.07	1.0	242	6808	21.7	7.965	26.989	14,939	2.59		
W8A	-11.0	1/5/98	907			5.55	172	60.1	842	0.02	0.3	218	6118	21.6	7.993	27.373	15,152	2.95		
W8A	-11.0	2/3/98	755			5.45	169	62.8	880	0.01	0.1	240	6729	21.2	7.949	26.562	14,703	2.30		
W8A	-11.0	3/10/98	903			5.95	184	96.8	1356	0.14	2.0	243	6828	21.3	7.852	26.403	14,615	2.56		
W8A	-11.0	4/14/98	1025			5.02	155	94.6	1325	0.02	0.3	226	6339	21.7	7.863	27.802	15,389	2.71		
W8A	-11.0	5/12/98	905			4.39	136	123.1	1724	0.08	1.1	239	6707	21.7	7.865	27.301	15,112	2.54		
W8A	-11.0	6/2/98	907			4.02	125	114.5	1604	0.08	1.1	234	6583	21.8	7.850	27.218	15,066	2.07		
W8A	-11.0	7/14/98	859			4.61	143	93.3	1306	0.16	2.2	194	5457	22.5	7.785	29.033	16,071	2.84		
W8A	-11.0	8/11/98	923			4.91	152	99.9	1399	0.08	1.1	198	5569	22.4	7.798	29.001	16,053	1.86		
W8A	-11.0	9/15/98	911			4.47	138	86.4	1211	0.12	1.7	181	5069	23.3	7.774	29.777	16,482	3.22		
W8A	-11.0	10/13/98	817			4.72	146	84.6	1185	0.04	0.6	170	4786	24.1	7.731	29.893	16,547	1.40		
W8A	-11.0	11/4/98	909			5.07	157	83.1	1164	0.04	0.6	190	5345	23.7	7.749	29.408	16,278	1.74		
W8A	-11.0	12/16/98	900			5.57	173	82.5	1156	0.12	1.7	207	5800	22.4	7.776	27.739	15,354	2.79		
W8A	-11.0	1/12/99	931			5.10	158	82.2	1151	0.18	2.5	208	5831	22.1	7.795	27.800	15,388	3.57		
W8A	-11.0	2/3/99	913			5.16	160	103.0	1442	0.08	1.1	190	5325	22.2	7.839	28.288	15,658	2.78		

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m) (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4 & NH_3 (µM)	NH_4 & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	3/2/99	912			5.05	156	80.7	1131	0.02	0.3	204	5735	21.8	7.818	27.791	15,383	3.34		
W8A	-11.0	4/6/99	906			4.66	144	80.2	1123	0.09	1.3	182	5123	22.1	7.788	29.212	16,170	2.77		
W8A	-11.0	5/4/99	915			4.72	146	77.2	1081	0.06	0.8	191	5362	21.8	7.814	28.491	15,771	2.12		
W8A	-11.0	6/2/99	856			4.38	136	59.9	839	0.10	1.4	166	4662	22.8	7.748	29.859	16,528	2.63		
W8A	-11.0	7/7/99	944			4.52	140	67.9	951	0.01	0.1	176	4937	22.8	7.803	29.037	16,073	2.50		
W8A	-11.0	8/25/99	907			4.56	141	68.7	962	0.10	1.4	181	5086	23.2	7.812	28.967	16,034	2.27		
W8A	-11.0	9/8/99	919			4.39	136	67.4	945	0.07	1.0	171	4789	23.6	7.753	29.759	16,472	2.19		
W8A	-11.0	10/6/99	914			4.41	137	57.0	798	0.02	0.3	154	4311	23.8	7.747	30.082	16,651	2.50		
W8A	-11.0	11/3/99	937			4.01	124	52.2	731	0.10	1.4	141	3966	23.9	7.797	30.134	16,680	2.99		
W8A	-11.0	12/15/99	957			4.85	150	79.5	1114	0.05	0.7	160	4505	23.2	7.751	29.213	16,170	2.42		
W8A	-11.0	1/11/00	936			5.30	164	94.7	1326	0.16	2.2	177	4982	22.6	7.744	28.117	15,563	2.30		
W8A	-11.0	2/14/00	929			5.20	161	73.4	1028	0.05	0.7	186	5232	22.3	7.823	28.201	15,610	3.26		
W8A	-11.0	3/22/00	948			4.89	151	71.6	1003	0.09	1.3	188	5280	22.6	7.813	28.502	15,777	2.03		
W8A	-11.0	4/12/00	927			5.04	156	63.2	885	0.05	0.7	197	5533	22.5	7.798	28.309	15,670	2.17		
W8A	-11.0	5/17/00	918			5.01	155	63.6	891	0.02	0.3	188	5286	22.5	7.772	28.486	15,768	1.76		
W8A	-11.0	6/6/00	935			4.87	151	63.9	895	0.03	0.4	178	4991	22.4	7.721	29.139	16,129	1.88		
W8A	-11.0	7/31/00	925			5.10	158	78.3	1097	0.09	1.3	206	5791	22.9	7.698	18.876	10,448	1.67		
W8A	-11.0	8/30/00	920			4.63	143	74.2	1039	0.02	0.3	185	5204	23.7	7.559	20.540	11,369	1.38		
W8A	-11.0	9/6/00	910			4.73	147	72.0	1008	0.01	0.1	181	5095	23.8	7.537	20.976	11,611	1.03		
W8A	-11.0	10/25/00	918			4.40	136	77.8	1090	0.13	1.8	170	4777	24.1	7.540	29.836	16,515	1.89		
W8A	-11.0	11/14/00	931			4.53	140	118	1654	0.23	3.2	156	4393	23.8	7.615	29.677	16,427	1.71		
W8A	-11.0	12/19/00	908			5.13	159	109	1532	0.13	1.8	184	5173	21.6	7.719	27.824	15,401	1.77		
W8A	-11.0	1/24/01	852			4.83	150	82.8	1159	0.12	1.7	181	5083	22.0	7.604	28.656	15,862	1.20		
W8A	-11.0	2/7/01	923			5.03	156	77.9	1091	0.07	1.0	186	5224	21.6	7.706	28.458	15,752	1.46		
W8A	-11.0	3/12/01	900			5.74	178	78.9	1105	0.03	0.4	188	5272	20.9	7.590	28.375	15,706	0.37		
W8A	-11.0	4/18/01	848			6.36	197	81.3	1139	0.02	0.3	212	5951	20.5	7.649	27.341	15,134	1.87		
W8A	-11.0	5/14/01	1021			6.29	195	75.6	1058	0.18	2.5	210	5895	20.7	7.671	27.398	15,166	1.98		
W8A	-11.0	6/13/01	906			5.84	181	65.9	923	0.02	0.3	200	5628	21.3	7.688	28.362	15,699	2.17		
W8A	-11.0	7/24/01	927			4.80	149	77.7	1089	0.04	0.6	182	5123	22.6	7.714	28.988	16,046	1.65		
W8A	-11.0	8/22/01	924			4.54	141	75.7	1060	0.03	0.4	146	4109	23.1	7.711	29.782	16,485	1.64		
W8A	-11.0	9/17/01	1003			4.44	138	75.5	1058	0.02	0.3	168	4724	23.6	7.718	29.576	16,371	1.51		
W8A	-11.0	10/22/01	957			4.44	138	73.0	1022	0.12	1.7	163	4578	23.2	7.677	29.298	16,217	1.80		
W8A	-11.0	11/5/01	1026			4.54	141	75.4	1056	0.01	0.1	167	4696	23.0	7.675	29.254	16,193	2.04		
W8A	-11.0	12/12/01	1009			5.19	161	79.8	1118	0.31	4.3	204	5732	22.2	7.730	28.055	15,529	2.07		
W8A	-11.0	1/7/02	948			5.46	169	96.3	1349	0.25	3.5	204	5718	22.6	7.732	28.377	15,707	2.44		

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m) (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4 & NH_3 (µM)	NH_4 & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	2/25/02	917			5.82	180	116	1618	0.08	1.1	183	5128	21.7	7.867	28.358	15,697	1.08		
W8A	-11.0	3/18/02	952			6.04	187	88.3	1237	0.33	4.6	182	5103	21.5	7.923	28.137	15,575	1.14		
W8A	-11.0	4/10/02	953			9.16	284	173	2423	29.2	409	180	5041	21.5	8.233	28.054	15,529	0.59		
W8A	-11.0	5/22/02	1010			10.3	318	52.1	730	1.80	25	191	5373	22.1	7.977	28.452	15,749	0.31		
W8A	-11.0	6/19/02	1041			7.92	245	45.4	636	0.16	2.2	168	4730	23.1	7.803	29.573	16,369	0.76		
W8A	-11.0	7/22/02	1035			7.82	242	40.6	568	0.11	1.5	207	5817	22.9	7.775	28.136	15,574	0.85		
W8A	-11.0	8/21/02	1101			7.01	217	40.4	566	0.28	3.9	202	5670	22.8	7.645	29.237	16,183	0.48		
W8A	-11.0	9/25/02	942			8.54	265	61.0	854	0.26	3.6	202	5659	23.9	7.708	28.890	15,991	0.28		
W8A	-11.0	10/15/02	956			9.34	289	60.3	845	0.19	2.7	188	5280	23.5	7.816	28.605	15,834	0.21		
W8A	-11.0	11/17/02	946			8.12	252	64.5	903	0.03	0.4	176	4937	23.6	7.751	29.275	16,204	0.20		
W8A	-11.0	12/18/02	1000			8.58	266	69.4	972	0.07	1.0	195	5471	22.8	7.724	27.979	15,487	0.26		
W8A	-11.0	1/23/03	949			9.56	296	94.8	1328	0.02	0.3	169	4741	22.6	7.792	29.628	16,400	0.02		
W8A	-11.0	2/11/03	1014			13.3	411	171	2390	0.10	1.4	191	5373	22.0	7.981	27.728	15,348	0.14		
W8A	-11.0	3/20/03	1105			12.7	393	206	2885	0.06	0.8	188	5291	22.1	8.117	28.004	15,501	0.12		
W8A	-11.0	4/30/03	938			11.6	359	81.6	1143	0.12	1.7	194	5451	22.5	8.075	27.836	15,408	1.21		
W8A	-11.0	5/14/03	850			12.3	382	49.8	697	3.36	47	185	5199	22.5	8.082	28.635	15,850	1.31		
W8A	-11.0	6/4/03	927			15.1	469	25.2	354	22.1	309	188	5274	22.9	8.101	28.684	15,877	0.09		
W8A	-11.0	7/30/03	922			12.15	376	24.6	344	6.73	94	194	5437	22.8	8.056	27.924	15,457	0.07		
W8A	-11.0	8/28/03	901			9.90	307	41.3	578	3.04	43	196	5513	23.3	7.852	28.292	15,660	0.09		
W8A	-11.0	9/16/03	857			9.42	292	26.7	374	0.23	3.2	195	5482	23.8	7.774	28.800	15,942	0.15		
W8A	-11.0	10/8/03	857			8.80	273	39.7	556	2.70	38	209	5859	23.6	7.726	28.033	15,517	NA		
W8A	-11.0	11/5/03	904			9.04	280	36.8	515	4.63	65	222	6232	22.8	7.687	27.378	15,155			
W8A	-11.0	11/14/03	1512											22.9				0.22		
W8A	-11.0	12/17/03	940			9.46	293	70.0	980	1.50	21	218	6117	22.5	7.624	27.566	15,258	0.24		
W8A	-11.0	1/28/04	944			8.12	252	74.3	1041	0.55	7.7	239	6715	21.6	7.611	26.511	14,675	0.32		
W8A	-11.0	2/11/04	856			9.28	287	73.1	1024	0.21	2.9	198	5569	22.0	7.591	27.720	15,344	0.39		
W8A	-11.0	3/16/04	946			8.65	268	75.0	1051	0.17	2.4	215	6041	21.9	7.632	27.410	15,172	0.86		
W8A	-11.0	4/22/04	930			8.10	251	65.9	923	0.27	3.8	216	6055	22.1	7.634	27.348	15,138	1.22		
W8A	-11.0	5/18/04	910			7.20	223	66.4	930	0.15	2.1	219	6154	22.0	7.558	26.65	14,751	3.29		
W8A	-11.0	6/8/04	912			7.48	232	63.6	891	0.12	1.7	220	6168	22.3	7.525	27.09	14,995	0.83		
W8A	-11.0	7/19/04	1006			6.94	215	70.8	992	0.19	2.7	208	5828	21.9	7.489	26.98	14,934	1.57		
W8A	-11.0	8/25/04	942			6.84	212	65.4	915	0.15	2.1	222	6243	21.6	7.483	26.74	14,801	1.60		
W8A	-11.0	9/27/04	1101			7.68	238	51.8	725	0.19	2.7	224	6280	23.4	7.462	27.75	15,360	0.77		
W8A	-11.0	10/4/04	1020			7.56	234	47.3	663	0.26	3.6	194	5454	24.0	7.452	27.99	15,493	0.69		
W8A	-11.0	11/23/04	1014			6.96	216	37.6	526	2.55	35.7	207	5822	23.8	7.629	27.69	15,327	0.82		

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m)	Tide (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4^+ & NH_3 (µM)	NH_4^+ & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	12/8/04	1012				6.68	207	40.4	566	0.34	4.8	199	5583	23.9	7.411	27.90	15,443	0.69		
W8A	-11.0	1/18/05	1019				6.7	209	59.4	832	0.07	1.0	213	5991	22.5	7.513	27.565	15,258	0.71		
W8A	-11.0	2/10/05	1006				10.4	322	70.9	994	0.56	7.8	187	5249	22.2	7.959	27.675	15,319	0.28		
W8A	-11.0	3/22/05	1012				14.0	433	74.6	1044	0.13	1.8	198	5572	21.8	8.114	27.106	15,004	0.19		
W8A	-11.0	4/20/05	1005				8.52	264	56.9	797	0.14	2.0	182	5106	22.4	7.906	28.296	15,663	0.49		
W8A	-11.0	5/25/05	1028				8.52	264	66.9	937	0.15	2.1	208	5828	21.1	7.910	27.315	15,120	1.25		
W8A	-11.0	6/14/05	1021				7.66	237	52.5	735	0.13	1.8	201	5645	22.8	7.823	27.828	15,404	0.56		
W8A	-11.0	7/19/05	1010				7.64	237	34.0	477	1.85	26	191	5359	24.1	7.674	28.560	15,809	0.42		
W8A	-11.0	8/3/05	1048				8.3	256	38.3	536	0.29	4.1	200	5628	24.1	7.734	28.175	15,596	0.48		
W8A	-11.0	9/22/05	1004				7.46	231	56.0	784	0.17	2.4	212	5957	24.6	7.674	27.973	15,484	0.60		
W8A	-11.0	10/19/05	1013				6.36	197	99.6	1395	0.13	1.8	216	6064	23.7	7.641	27.665	15,313	0.43		
W8A	-11.0	11/8/05	958				6.49	201	57.7	809	0.04	0.6	222	6235	22.8	7.614	27.349	15,138	0.71		
W8A	-11.0	12/22/05	929				6.90	214	42.1	590	0.34	4.8	236	6628	22.2	7.632	27.427	15,182	0.62		
W8A	-11.0	1/31/06	957				6.74	209	62.8	879	0.24	3.4	242	6808	21.6	7.637	27.351	15,139	0.84		
W8A	-11.0	2/16/06	958				6.50	201	61.9	866	0.12	1.7	239	6707	21.4	7.663	27.318	15,121	1.01		
W8A	-11.0	3/22/06	957				6.18	191	87.4	1224	0.23	3.2	254	7134	20.9	7.629	26.818	14,844	1.67		
W8A	-11.0	4/27/06	1035				6.01	186	71.0	994	0.10	1.4	238	6684	20.5	7.653	27.354	15,141	2.11		
W8A	-11.0	5/24/06	1100				5.87	182	71.8	1006	0.05	0.7	257	7218	20.6	7.64	26.968	14,927	2.71		
W8A	-11.0	6/28/06	1047				5.67	176	58.3	817	0.26	3.6	244	6853	21.2	7.605	27.529	15,238	2.29		
W8A	-11.0	7/19/06	1019				5.60	173	65.1	912	0.19	2.7	253	7106	20.8	7.605	27.227	15,071	2.81		
W8A	-11.0	8/9/06	1001				5.57	173	53.2	745	0.11	1.5	260	7302	21.5	7.597	27.471	15,206	2.39		
W8A	-11.0	9/20/06	1010				5.54	172	54.8	768	0.09	1.3	254	7134	21.7	7.579	27.507	15,226	2.34		
W8A	-11.0	10/25/06	1048				5.42	168	55.1	772	0.21	2.9	238	6684	23.3	7.579	27.475	15,208	1.44		
W8A	-11.0	11/29/06	1015				5.46	169	54.3	761	0.23	3.2	227	6375	22.3	7.612	27.603	15,279	1.53		
W8A	-11.0	12/13/06	1007				5.45	169	49.9	699	0.21	2.9	225	6319	22.3	7.606	27.557	15,254	1.48		
W8A	-11.0	1/10/07	1010				5.72	177	57.3	803	0.28	3.9	250	7021	21.2	7.581	26.652	14,753	2.08		
W8A	-11.0	2/21/07	1031				5.49	170	51.4	720	0.40	5.6	262	7358	20.5	7.576	26.432	14,631	1.93		
W8A	-11.0	3/7/07	1023				5.46	169	53.5	749	0.18	2.5	264	7415	20.6	7.587	26.300	14,558	2.01		
W8A	-11.0	4/19/07	1006				5.32	165	61.7	864	0.18	2.5	272	7639	21.2	7.586	26.363	14,593	2.19		
W8A	-11.0	5/2/07	1018				5.26	163	55.5	777	0.27	3.8	272	7639	20.8	7.592	26.363	14,593	2.27		
W8A	-11.0	6/20/07	1018				5.11	158			0.17	2.4	258	7246	21.7	7.635	26.967	14,927	2.00		
W8A	-11.0	7/25/07	1046	-4.06	0.46	Flood	6.26	194	57.0	798	0.61	8.5	273	7657	21.4	7.46	27.07	14,984	2.48		
W8A	-11.0	8/27/07	1054		0.06	Flood	5.68	176	64.7	906	0.16	2.3	276	7747	22.1	7.52	27.11	15,006	2.60		
W8A	-11.0	9/13/07	1515	-4.14	0.40	Flood	5.44	169	46.4	650	0.21	2.9	265	7430	21.7	7.56	27.67	15,316	2.39		
W8A	-11.0	10/23/07	1015	-2.87	0.24	Flood	5.02	156	53.1	744	0.02	0.3	239	6699	22.3	7.41	27.54	15,244	2.16		

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m)	Tide (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4^+ & NH_3 (µM)	NH_4^+ & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	11/20/07	1050	-3.30	0.40	Flood	4.88	151	56.8	795	0.04	0.5	256	7189	21.6	7.42	27.21	15,061	2.49		
W8A	-11.0	12/19/07	1035	-3.96	0.30	High	6.02	187	57.8	810	6.22	87	227	6377	21.3	7.55	27.02	14,956	1.83		
W8A	-11.0	1/24/08	1428	-3.33	0.06	Flood	6.35	197	72.9	1021	0.76	11	218	6120	21.1	7.53	26.71	14,785	1.63		
W8A	-11.0	2/26/08	904	-4.19	0.18	Ebb	5.93	184	66.0	925	0.42	5.9	251	7045	20.4	7.53	26.23	14,519	2.39		
W8A	-11.0	3/17/08	1102	-1.93	0.06	Flood	5.32	165	60.8	852	0.06	0.8	247	6928	20.5	7.47	26.30	14,558	2.56		
W8A	-11.0	4/30/08	1101	-2.44	0.21	Flood	4.98	154	50.7	711	0.09	1.2	222	6243	21.2	7.49	27.20	15,056	2.22		
W8A	-11.0	5/27/08	1037	-3.96	0.24	High	4.38	136	58.5	819	0.09	1.2	256	7184	20.6	7.55	26.35	14,585	3.05		
W8A	-11.0	6/16/08	1101	-3.35	0.24	Flood	4.30	133	55.1	771	0.16	2.3	257	7220	21.1	7.56	26.68	14,768	4.63		
W8A	-11.0	7/21/08	957	-5.82	0.12	Ebb	5.08	157	55.4	776	0.29	4.0	228	6408	22.4	7.58	26.93	14,906	3.34	0.02	
W8A	-11.0	8/30/08	1352		0.46	Flood	4.70	146	58.1	814	0.31	4.4	227	6375	21.2	7.57	27.84	15,410	2.35	0.16	
W8A	-11.0	9/15/08	1107	-4.50	0.09	Low	5.77	179	80.5	1128	0.13	1.8	227	6374	21.0	7.54	27.32	15,122	2.27		
W8A	-11.0	10/31/08	1041	-4.29	0.30	Ebb	5.98	185	69.7	977	0.22	3.1	246	6902							
W8A	-11.0	11/14/08	1024	-4.23	0.15	Ebb	5.80	180	90.1	1262	0.01	0.2	231	6487	22.6	7.65	26.40	14,613	3.62	0.29	
W8A	-11.0	12/15/08	1337	-4.45	0.03	Low	5.91	183	86.7	1215	0.11	1.5	227	6377	22.8	7.73	26.45	14,641	3.09		
W8A	-11.0	1/27/09	837	-4.15	0.30	Ebb	5.55	172	172.0	2409	0.66	9.3	274	7692	21.8	7.60	25.87	14,320	2.60	1.93	
W8A	-11.0	2/24/09	1313	-4.41	0.15	Flood	5.37	166	135.4	1897	1.04	14.5	267	7491	21.3	7.55	26.16	14,480	2.78	0.17	
W8A	-11.0	3/16/09	1324	-4.56	0.03	Low	4.37	135	69.0	966	0.13	1.8	212	5965	21.9	7.39	24.67	13,655	3.46	0.32	
W8A	-11.0	4/22/09	1133	-4.47	0.18	Flood	6.28	195	95.8	1342	0.32	4.5	241	6770	22.1	7.66	25.67	14,209	3.33	2.06	
W8A	-11.0	5/27/09	1114	-4.33	0.00	Low	5.97	185	106.2	1488	0.24	3.4	491	13802	20.4	7.69	23.68	13,107	2.98	0.12	
W8A	-11.0	6/19/09	1438	-3.88	0.73	High	6.27	194	61.8	866	0.44	6.1	193	5413	21.1	7.61	28.10	15,554	3.06	0.06	
W8A	-11.0	7/31/09	1246	-3.91	0.67	High	6.72	208	66.1	926	0.68	9.5	140	3927	21.0	7.58	28.30	15,665	3.29	0.04	
W8A	-11.0	8/20/09	1319	-4.07	0.46	Flood	3.30	102	36.5	511	0.27	3.8	94	2642	21.3	7.67	28.29	15,659	2.52	0.04	
W8A	-11.0	9/24/09	1503	-4.30	0.21	Ebb	4.89	152	70.5	987	0.59	8.3	186	5236	20.5	8.20	26.93	14,906	3.54	3.57	
W8A	-11.0	10/23/09	1056	-4.17	0.43	Ebb	4.27	132	50.9	712	0.56	7.8	102	2863	21.1	7.53	27.24	15,078	2.97	0.08	
W8A	-11.0	11/17/09	1618	-4.39	0.37	High	4.76	148	59.9	839	0.97	13.6	223	6250	20.2	7.52	26.90	14,890	3.63	0.07	
W8A	-11.0	12/8/09	1110	-4.12	0.52	Ebb	4.46	138	82.2	1152	1.04	14.5	307	8619	20.4	7.53	25.90	14,336	3.50	0.21	
W8A	-11.0	1/6/10	1039	-4.15	0.30	Ebb	5.26	163	103.7	1453	1.29	18.0	265	7438	21.2	7.63	26.20	14,502	2.50	2.59	
W8A	-11.0	2/2/10	1016	-4.21	0.15	Ebb	5.91	183	124.2	1739	0.57	8.0	244	6861	20.9	7.66	25.96	14,370	2.54	0.61	
W8A	-11.0	3/10/10	950	-4.50	0.09	Flood	6.04	187	90.0	1261	0.36	5.0	280	7874	20.1	7.65	25.39	14,054	3.57	0.05	
W8A	-11.0	4/7/10	931	-4.44	0.12	Flood	5.78	179	80.1	1122	1.07	15	276	7744	19.9	7.66	25.89	14,331	3.58	0.03	
W8A	-11.0	5/12/10	929	-4.57	-0.03	Flood	4.78	148	59.5	834	1.21	17	216	6056	20.3	7.71	27.31	15,117	3.40	0.04	
W8A	-11.0	6/16/10	1513	-4.38	0.24	Flood	5.46	169	72.9	1021	0.43	6.0	276	7742	20.3	7.69	27.27	15,095	3.38	0.06	
W8A	-11.0	7/13/10	1537	-4.06	0.49	Flood	5.42	168	67.3	942	0.14	2.0	264	7413	20.1	7.74	27.38	15,156	3.26	0.13	
W8A	-11.0	8/3/10	1542	-4.13	0.37	Ebb	5.88	182	67.0	938	0.44	6.2	276	7758	20.2	7.73	27.20	15,056	3.49	0.07	
W8A	-11.0	9/14/10	1548	-4.22	0.21	Ebb	5.97	185	65.8	922	0.18	2.5	273	7654	20.5	7.66	27.24	15,078	3.43	0.10	

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m)	Tide (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4^+ & NH_3 (µM)	NH_4^+ & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	10/12/10	1611	-4.26	0.18	Low	5.78	179	63.1	884	0.17	2.4	277	7777	20.2	7.63	27.18	15,045	3.19	0.07	
W8A	-11.0	11/16/10	1453	-4.14	0.30	Ebb	5.81	180	66.5	932	0.31	4.4	272	7652	21.0	7.57	27.29	15,106	2.80	0.18	
W8A	-11.0	12/14/10	1520	-4.33	0.12	Ebb	5.88	182	71.3	999	0.19	2.7	265	7448	21.8	7.53	27.06	14,978	1.93	0.10	
W8A	-11.0	1/4/11	1503	-4.32	0.15	Flood	5.29	164	81.0	1135	0.28	3.9	263	7373	21.3	7.48	26.69	14,774	2.63	0.08	
W8A	-11.0	4/5/11	1518	-4.14	0.37	Flood	5.46	169	91.7	1285	0.07	1.0	240	6739	21.1	7.59	26.77	14,818	2.10	0.03	
W8A	-11.0	7/12/11	1457	-3.89	0.73	High	5.75	178	69.5	973	0.25	3.5	239	6725	20.9	7.95	27.46	15,200	2.31	0.05	
W8A	-11.0	10/11/11	1426	-4.12	0.34	Flood	6.68	207	43.8	614	5.04	71	236	6636	21.2	7.64	27.79	15,382	0.02	0.05	
W8A	-11.0	1/10/12	1538	-4.36	0.18	Flood	5.39	167	46.1	646	0.35	4.9	303	8498	20.4	7.75	25.59	14,165	2.49	0.04	
W8A	-11.0	5/8/12	1338	-4.45	0.06	Flood	6.65	206	60.3	845	0.30	4.2	269	7567	20.4	7.66	27.51	15,227	1.96	0.10	
W8A	-11.0	7/17/12	1450	-3.86	0.70	Flood	6.75	209	67.8	949	0.31	4.4	237	6645	20.4	7.58	28.15	15,582	2.28	0.18	
W8A	-11.0	10/15/12	1406	-4.21	0.30	Flood	6.20	192	66.8	936	0.46	6.4	253	7119	20.1	7.61	27.62	15,288	0.70	0.02	
W8A	-11.0	1/7/13	1511	-4.35	0.12	Ebb	5.46	169	62.8	879	0.13	1.8	341	9581	20.0	7.57	26.22	14,513	1.66	0.15	
W8A	-11.0	1/14/13	958	-4.03	0.24	Ebb	5.84	181	63.3	887	0.20	2.8	298	8358	20.5	7.67	26.73	14,796	1.56	0.11	
W8A	-11.0	1/29/13	1434	-4.30	0.09	Flood	5.62	174	62.2	871	0.99	14	292	8192	20.4	7.55	26.47	14,652	1.77		
W8A	-11.0	3/20/13	1035	-4.33	0.18	High	5.20	161	61.0	855	1.14	16	289	8114	20.4	7.64	25.88	14,325	2.82	0.04	
W8A	-11.0	4/8/13	1505	-4.08	0.49	Flood	5.42	168	74.4	1042	0.39	5.5	269	7552	20.3	7.61	26.62	14,735	2.25	0.02	
W8A	-11.0	7/16/13	1652	-4.29	0.24	Ebb	5.71	177	60.2	843	0.22	3.1	294	8262	20.7	7.54	26.34	14,580	2.31	0.10	
W8A	-11.0	10/14/13	1728	-4.30	0.12	Ebb	5.88	182	60.3	844	2.98	42	272	7640	20.3	7.51	26.81	14,840	2.49	0.02	
W8A	-11.0	1/14/14	1533	-4.24	0.18	High	7.65	237	42.2	591	10.24	143	313	8788	22.2	7.48	23.21	12,847	0.33	0.02	
W8A	-11.0	4/28/14	1504	-4.02	0.55	Flood	5.20	161	76.9	1077	0.49	6.8	264	7418	20.1	7.73	26.41	14,619	3.21	0.02	
W8A	-11.0	7/28/14	1623	-4.01	0.55	Flood	6.26	194	62.0	869	2.21	31	241	6769	21.5	7.38	27.50	15,222	0.83	0.06	
W8A	-11.0	11/3/14	1349	-3.92	0.46	Flood	7.75	240	29.0	406	31.27	438	236	6615	22.6	7.40	27.92	15,454	0.08	0.10	
W8A	-11.0	2/10/15	1632	-4.37	0.31	High	10.25	317	96.7	1354	1.23	17.2	311	8745	22.0	7.40	26.64	14,746	0.17	0.35	
W8A	-11.0	5/20/15	923	-4.38	0.00	Ebb	7.22	224	48.2	675	16.10	225.5	232	6502	22.9	7.53	27.28	15,100	0.85	0.02	
W8A	-11.0	7/22/15	1036	-4.23	0.31	Ebb	8.83	274	12.4	174	36.40	509.9	233	6533	24.2	7.37	28.67	15,870	0.08	0.51	
W8A	-11.0	11/9/15	1403	-4.00	0.48	High	7.72	239	19.2	269	47.40	663.9	209	5881	25.4	7.45	28.90	15,997	0.09	0.71	
W8A	-11.0	1/27/16	1401	-4.50	0.10	Flood	7.12	221	40.5	568	27.59	386.4	241	6762	23.7	7.46	27.73	15,349	0.18	0.30	
W8A	-11.0	4/22/16	1126	-4.45	0.05	Flood	5.96	185	33.8	473	5.38	75.3	212	5959	23.5	7.36	28.52	15,787	0.50	0.15	
W8A	-11.0	7/26/16	1305	-4.13	0.55	Flood	6.34	196	41.0	574	2.48	34.7	215	6031	22.6	7.65	27.22	15,067	1.23	0.51	
W8A	-11.0	11/15/16	944	-4.21	0.10	Low	5.81	180	35.3	494	4.25	59.5	210	5901	23.7	7.40	27.85	15,416	0.58	0.15	
W8A	-11.0	3/22/17	942	-4.26	0.20	Flood	6.95	215	74.7	1047	2.52	35.3	234	6577	22.8	7.73	26.87	14,873	1.37	0.06	
W8A	-11.0	4/19/17	914	-4.26	0.18	Flood	6.72	208	63.4	888	1.64	23.0	245	6888	22.0	7.73	26.49	14,663	1.01	0.05	
W8A	-11.0	8/9/17	1437	-4.09	0.50	Flood	5.90	183	37.8	529	5.15	72.2	233	6546	22.8	7.57	28.26	15,643	0.44	0.10	
W8A	-11.0	10/18/17	1112	-4.31	0.20	Flood	5.62	174	43.0	602	8.81	123.4	205	5752	24.7	7.21	28.05	15,526	1.01	0.21	
W8A	-11.0	1/18/18	1210	-4.38	0.10	Low	5.40	167	69.2	969	0.99	13.9	233	6551	23.1	7.14	26.81	14,840	0.55	0.73	

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m)	Tide (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4 & NH_3 (µM)	NH_4 & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W8A	-11.0	5/10/18	1547	-4.12	0.25	Ebb	10.29	319	0.3	4	42.14	590.2	179	5022	22.8	7.78	28.58	15,820	0.19	0.25	
W8A	-11.0	8/30/18	1150	-4.2	0.18	Ebb	15.49	480	4.6	64	13.35	187.0	195	5488	23.5	7.85	27.71	15,338	0.15	0.63	
W8A	-11.0	10/24/18	1445	-4.03	0.53	High	10.95	339	0.5	7	39.66	555.5	184	5163	24.7	7.56	28.58	15,820	0.30	0.08	
W8A	-11.0	2/8/19	1112	-4.39	0.09	Ebb	8.55	265	37.2	521	5.39	75.5	209	5882	22.1	7.54	26.48	14,657	0.87	0.12	
W8A	-11.0	5/15/19	1515	-4.01	0.52	High	7.55	234	18.5	259	13.83	193.7	219	6145	22.3	7.41	28.90	15,997	0.07	0.33	
W8A	-11.0	8/28/19	1053	-4.28	0.30	Flood	6.63	205	21.4	299	9.28	130.0	203	5707	24.3	7.52	29.06	16,085	0.14	0.31	
W8A	-11.0	10/11/19	1139	-4.17	0.40	Flood	6.56	203	16.6	232	8.57	120.1	195	5468	24.5	7.60	28.96	16,030	0.12	0.41	
W8A	-11.0	2/4/20	1203	-4.3	0.26	High	7.39	229	60.3	844	0.79	11.0	234	6566	23.0	7.65	26.84	14,857	1.79	0.20	
W8A	-11.0	6/3/20	1236	-3.87	0.45	Flood	5.25	163	33.5	469	2.67	37.4	232	6523	22.8	7.53	27.80	15,388	0.43	0.16	
W8A	-11.0	8/18/20	1502	-3.68	0.70	High	5.40	167	6.2	87	33.93	475.2	209	5871	24.2	7.49	27.20	15,056	0.26	0.77	
W8A	-11.0	12/9/20	1337	-3.95	0.30	Ebb	8.15	253	11.1	155	29.29	410.3	219	6153	24.0	7.14	28.97	16,036	0.08	2.92	
W8A	-11.0	2/18/21	1038	-4.18	0.15	Ebb	7.52	233	24.0	336	21.28	298.0	232	6503	23.2	7.36	27.59	15,272	0.08	0.29	
W8A	-11.0	4/14/21	1353	-4.34	0.30	Flood	9.96	308	7.2	101	85.17	1193.0	238	6680	23.1	7.47	26.42	14,624	0.10	0.21	
W8A	-11.0	7/6/21	1325	-4.01	0.60	High	8.10	251	7.7	108	15.43	216.1	236	6626	22.6	7.42	26.82	14,846	0.14	0.54	
W8A	-11.0	11/5/21	1346	-4.33	0.40	Flood	6.13	190	20.7	291	4.36	61.1	233	6538	22.4	7.35	26.28	14,547	0.34	0.62	
W8A	-11.0	2/8/22	1040	-4.21	0.15	Ebb	7.94	246	37.3	522	7.27	101.8	266	7484	22.2	7.36	26.32	14,569	0.31	0.89	
W8A	-11.0	4/20/22	1432	-4.48	0.19	Flood	5.35	166	29.1	407	2.76	38.6	255	7166	22.0	7.27	25.80	14,281	0.32	0.38	
W8A	-11.0	7/13/22	925	-4.63	-0.13	Low	5.09	158	38.8	544	0.04	0.6	257	7230	22.1	7.30	26.39	14,608	0.19	0.12	
W8A	-11.0	11/21/22	1055	-4.28	0.30	Flood	5.19	161	42.7	598	0.73	10.2	234	6567	22.2	7.36	26.34	14,580	0.53	0.39	
W8A	-11.0	1/25/23	1501	-4.48	0.10	Flood	5.77	179	78.0	1093	0.07	1.0	255	7175	21.5	7.46	24.69	13,667	1.24	0.46	
W8A	-11.0	4/26/23	1000	-4.43	0.10	Low	5.57	172	51.4	720	0.26	3.7	232	6525	21.2	7.47	25.03	13,855	1.41	0.37	
W8A	-11.0	8/14/23	1450	-3.83	0.66	High	4.34	134	23.6	331	0.21	3.0	238	6681	20.8	7.42	26.47	14,652	0.65	0.39	
W8A	-11.0	11/15/23	1123	-4.19	0.20	Low	3.75	116	39.8	558	0.19	2.6	161	4514	20.5	7.57	25.86	14,314	1.42	0.34	145.2
W8A	-11.0	1/24/24	908	-4.21	0.70	Ebb	3.90	121	37.4	523	0.16	2.2	251	7061	20.1	7.50	25.77	14,264	1.24	0.28	192.6
W8A	-11.0	5/3/24	1351	-4.09	0.30	High	3.44	106	37.2	521	0.08	1.1	246	6920	20.0	7.49	25.84	14,303	1.08	0.61	370.3
W8A	-11.0	7/30/24	1342	-3.74	0.35	Ebb	3.36	104	38.4	538	0.43	6.0	232	6515	20.3	7.57	26.64	14,746	1.39	0.18	126.6
W8A	-11.0	12/11/24	1044	-4.16	0.40	High	3.54	110	48.5	680	0.41	5.7	245	6877	20.0	7.53	25.60	14,170	1.24	0.36	171.0
W8A	-11.0	1/9/25	1600	-4.31	-0.02	low	3.87	120	58.3	816	0.24	3.3	259	7262	20.1	7.57	25.72	14,237	1.97	0.15	161.0
W8A	-11.0	5/13/25	1354	-4.09	0.40	Flood	3.57	111	55.3	774	0.14	2.0	254	7146	20.2	7.54	25.85	14,309	1.88	0.24	137.2
W8A	-11.0	7/29/25	922	-3.96	0.25	Ebb	3.42	106	48.2	675	0.02	0.3	212	5962	21.2	7.43	27.55	15,250	1.10	0.11	164.1
W8A	-11.0	12/17/25	1422	-4.16	0.30	High	4.55	141	64.8	908	0.00	0.0	663	18618	20.4	7.50	25.37	14,043	2.66	0.22	173.7

NELHA Water Quality Laboratory

Well 8A Data Table

5/20/1992 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H_2O (m)	Tide (m)	Tide (cycle)	PO_4^{3-} (µM)	PO_4^{3-} (µg P/L)	NO_3 & NO_2 (µM)	NO_3 & NO_2 (µg N/L)	NH_4^+ & NH_3 (µM)	NH_4^+ & NH_3 (µg N/L)	Si (µM)	Si (µg Si/L)	Temp. (˚C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
Mean					0.28		6.06	188	65.19	913	2.51	35.1	238	6685	21.7	7.66	27.07	14,984	1.83	0.35	182.4
Std. Dev.					0.19		1.98	61	32.26	452	8.48	118.8	55	1556	1.8	0.18	1.56	865	1.40	0.61	73.3
Maximum					0.73		15.49	480	262.66	3679	85.17	1193.0	663	18618	25.4	8.23	30.13	16,680	7.07	3.57	370.3
Minimum					-0.13		3.24	100	0.26	4	0.00	0.0	94	2642	14.7	7.14	18.88	10,448	0.02	0.02	126.6
n					105		274	274	273	273	274	274	274	274	275	274	274	273	272	89	9