

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
SSW 24"	3/23/05		0.09	head	0.0	0.4	0.28	3.9	3.7	105	0.40	12.4	4.1	58	0.90		34.721	24.9	8.31	6.84	
SSW 24"	4/21/05		0.14	4.3	0.0	0.1	0.27	3.8	2.3	65	0.38	11.8	4.4	62	1.95		34.530	25.1	8.31	6.89	
SSW 24"	5/26/05	1000	0.13	4.0	0.1	0.8	0.32	4.5	2.6	74	0.43	13.3	3.8	53	3.25		34.499	24.8	8.26	6.78	
SSW 24"	6/16/05	942	0.09	2.8	0.0	0.1	0.47	6.6	1.4	40	0.35	10.8	4.6	64	0.85		34.686	26.6	8.27	6.55	
SSW 24"	7/27/05	933	0.09	2.8	0.0	0.6	0.12	1.7	2.5	70	0.31	9.6	3.0	42	1.20		34.712	27.7	8.31	6.45	
SSW 24"	8/11/05	848	0.10	3.1	0.2	2.4	0.41	5.7	3.2	90	0.34	10.5	2.8	40	5.50		34.726	27.6	8.32	6.48	
SSW 24"	9/14/05	920	0.08	2.5	0.0	0.3	0.41	5.7	4.1	116	0.31	9.6	4.0	56	1.65		34.777	27.8	8.30	6.53	
SSW 24"	10/10/05	1000	0.08	2.5	0.0	0.4	0.31	4.3	1.8	51	0.34	10.5	5.0	69	3.85		34.830	27.6	8.33	6.55	
SSW 24"	11/2/05	903	0.07	2.2	0.1	0.8	0.42	5.9	2.1	60	0.34	10.5	3.6	50	4.90		34.947	26.1	8.30	6.70	
SSW 24"	12/20/05	859	0.08	2.5	0.2	2.2	0.42	5.9	1.6	46	0.32	9.9	5.2	73	2.85		34.934	25.9	8.32	6.79	
SSW 24"	1/26/06	916	0.10	3.1	0.1	1.8	0.32	4.5	2.0	56	0.29	9.0	4.2	59	3.80		35.032	25.0	8.27	6.73	
SSW 24"	2/28/06	1005	0.09	2.8	0.1	1.8	0.36	5.0	5.7	160	0.35	10.8	4.4	62	2.05		34.918	25.0	8.28	6.71	
SSW 24"	3/23/06	935	0.10	3.1	0.1	1.0	0.52	7.3	3.1	88	0.33	10.2	4.4	61	1.20		34.600	24.4	8.27	6.93	
SSW 24"	4/18/06	1018	0.09	2.8	0.1	1.5	0.29	4.1	3.8	106	0.32	9.9	6.1	85	2.95		34.742	24.8	8.29	6.79	
SSW 24"	5/18/06	1010	0.10	3.1	0.1	1.0	0.23	3.2	2.0	56	0.37	11.5	5.2	72	2.35		34.661	25.4	8.26	6.66	
SSW 24"	6/29/06	944	0.14	4.3	0.2	2.8	0.37	5.2	3.0	85	0.37	11.5	5.6	78	2.70		34.699	26.4	8.25	6.66	
SSW 24"	7/25/06	1010	0.12	3.7	0.2	2.7	0.32	4.5	2.4	68	0.35	10.8	5.5	77	2.35		34.781	26.3	8.25	7.25	
SSW 24"	8/10/06	1035	0.13	4.0	0.1	1.0	0.35	4.9	2.0	56	0.38	11.8	5.2	73	1.65		34.703	26.9	8.26	7.26	
SSW 24"	9/21/06	1035	0.12	3.7	0.2	2.2	0.25	3.5	2.1	60	0.36	11.2	4.6	65	1.75		34.752	26.7	8.24	6.66	
SSW 24"	10/26/06	1015	0.11	3.4	0.3	4.1	0.44	6.2	2.1	60	0.33	10.2	5.4	75	1.15		34.783	27.5	8.30	6.70	
SSW 24"	11/30/06	1040	0.14	4.3	0.2	2.5	0.36	5.0	2.2	60	0.39	12.1	5.4	76	2.70		34.851	26.5	8.28	6.69	
SSW 24"	12/14/06	1024	0.14	4.3	0.1	1.0	0.29	4.1	0.9	26	0.39	12.1	5.6	78	1.30		34.780	25.9	8.27	6.72	
SSW 24"	1/11/07	910	0.15	4.6	0.2	3.2	0.49	6.9	1.2	33	0.36	11.2	6.1	85	3.20		34.885	25.4	8.26	6.44	
SSW 24"	2/15/07	900	0.17	5.3	0.1	1.0	0.53	7.4	1.2	34	0.42	13.0	6.4	90	2.40		34.379	24.4	8.26	6.60	
SSW 24"	3/8/07	830	0.14	4.3	0.1	1.0	0.32	4.5	2.8	79	0.42	13.0	6.4	89	2.75		34.578	24.5	8.28	6.65	
SSW 24"	4/12/07	830	0.15	4.6	0.1	1.0	0.35	4.9	2.1	58	0.36	11.2	5.4	76	2.45		34.701	25.4	8.27	6.57	
SSW 24"	5/9/07	900	0.16	5.0	0.1	1.4	0.52	7.3	4.1	115	0.38	11.8	6.9	97	1.30		34.751	25.0	8.27	6.38	
SSW 24"	6/27/07	820	0.19	5.9	0.4	5.2	0.25	3.5	0.8	22	0.32	9.8	6.6	92	1.90		34.796	26.3	8.29	6.90	
SSW 24"	7/30/07	1305	0.20	6.1	0.0	0.7	0.32	4.5	3.9	109	0.35	10.8	7.0	98	1.25		34.804	27.0	8.14	6.57	
SSW 24"	8/30/07	840	0.19	5.8	0.2	2.8	0.29	4.0	2.2	62	0.26	7.9	6.4	89	2.20		34.907	26.9	8.15	7.20	
SSW 24"	9/24/07	936	0.21	6.6	0.2	2.9	0.54	7.5	15.0	420	0.32	9.8	5.4	76	2.65		35.366	26.8	8.12	6.28	
SSW 24"	10/30/07	1411	0.20	6.3	0.0	0.2	0.36	5.1	8.6	243	0.20	6.2	6.6	92	1.40		35.074	26.8	8.23	6.53	
SSW 24"	11/27/07	1402	0.22	6.7	0.1	1.3	0.41	5.8	24.6	691	0.20	6.1	4.8	67	1.55		34.947	26.4	8.22	6.86	
SSW 24"	12/31/07	1027	0.00		0.0	0.7	0.18	2.5	5.0	142	0.00		0.0		1.20		34.856	25.1	8.15	6.56	
SSW 24"	1/30/08	847	0.08	2.6	0.1	1.2	0.18	2.5	25.7	723	0.00		0.0		1.60		34.925	24.1	8.12	6.87	
SSW 24"	2/28/08	1122	0.04	1.2	0.2	2.5	0.05	0.7	5.6	157	0.32	9.8	6.2	87	1.00		34.911	24.4	8.20	6.24	
SSW 24"	3/31/08	1449	0.04	1.2	0.3	4.3	0.05	0.7	3.6	102	0.34	10.5	5.7	79	1.80		34.730	25.0	8.14	7.10	
SSW 24"	4/25/08	932	0.14	4.2	0.2	2.2	0.15	2.1	5.8	162	0.35	10.8	3.9	55	0.45		34.649	24.8	8.21	6.57	
SSW 24"	5/23/08	1035	0.09	2.9	0.1	1.6	0.09	1.3	NA	NA	0.23	7.2	4.0	56	1.25		34.764	25.4	8.31	6.63	
SSW 24"	6/10/08	1049	0.10	3.1	0.0	0.3	0.18	2.5	2.7	77	0.28	8.6	5.0	70	0.56		34.631	25.2	8.24	6.06	
SSW 24"	7/18/08	1031	0.09	2.9	0.1	1.6	0.09	1.3	3.1	88	0.21	6.4	8.7	122	0.77		34.710	26.6	8.10	6.18	
SSW 24"	8/13/08	1051	0.62	19.2	0.2	2.3	0.54	7.5	2.9	81	0.36	11.0	8.9	125	0.59		34.674	26.5	7.99	5.16	
SSW 24"	9/8/08	858	0.07	2.1	0.2	2.3	0.35	4.9	1.9	52	0.29	9.1	8.1	113	1.51		34.77	26.1	7.98	5.68	
SSW 24"	10/23/08	1003	0.09	2.7	0.3	3.7	1.59	22.3	1.8	52	0.48	14.9	8.4	118	0.71		34.88	26.6	8.19	6.28	
SSW 24"	11/28/08	1035	0.15	4.5	0.2	2.3	0.07	1.0	2.2	62	0.38	11.9	5.7	80	1.26		34.81	25.5	8.28	5.88	
SSW 24"	12/30/08	907	0.21	6.4	0.2	3.1	0.36	5.0	1.9	52	0.35	10.7	6.3	88	0.91		34.68	25.3	8.29	6.25	
SSW 24"	1/12/09	1048	0.12	3.6	0.2	2.8	0.12	1.7	2.6	72	0.32	9.9	5.0	70	1.40		35.001	25.0	8.25	6.26	
SSW 24"	2/20/09	1125	0.07	2.2	0.2	3.2	0.19	2.6	1.7	46	0.61	18.9	7.1	99	0.27	0.07	35.250	24.1	8.21	6.81	
SSW 24"	3/30/09	1108	0.20	6.3	1.2	17.1	2.93	41.1	3.3	92	0.44	13.5	8.9	125	0.71		35.189	24.3	8.33	6.27	
SSW 24"	4/30/09	1010	0.25	7.6	0.2	2.5	0.50	7.0	2.3	64	0.48	14.9	5.7	80	0.48		34.963	23.8	8.19	6.72	
SSW 24"	5/15/09	1354	0.16	4.9	0.5	6.6	0.19	2.7	2.3	64	0.86	26.7	8.9	125	0.72		35.07	25.6	8.18	6.02	

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
SSW 24"	6/10/09	901	0.49	15.3	0.4	5.2	0.26	3.6	3.5	98	0.55	17.0	5.4	75	0.72		34.579	26.6	8.34	5.46	
SSW 24"	7/10/09	835	0.41	12.6	0.7	9.9	0.71	9.9	6.3	178	0.32	9.8	7.6	106	1.44		34.91	26.0	8.29	6.00	
SSW 24"	8/27/09	1024	0.15	4.8	0.2	3.1	0.26	3.7	2.7	77	0.21	6.6	4.1	57	0.74	0.04	35.00	27.3	8.19	5.59	
SSW 24"	9/17/09	1034	0.10	3.0	1.0	13.6	0.36	5.1	9.5	266	0.24	7.4	3.8	53	1.30	0.04	34.24	26.3	7.96	6.86	
SSW 24"	10/26/09	1038	0.08	2.6	0.1	2.0	0.49	6.9	7.0	196	0.23	7.0	4.4	62	1.08		35.45	26.6	8.18	6.02	
SSW 24"	11/19/09	1402	0.14	4.4	0.2	2.7	0.48	6.7	5.2	145	0.35	10.7	5.9	82	0.39		35.35	26.2	8.17	6.40	
SSW 24"	12/3/09	959	0.17	5.2	0.2	2.3	0.49	6.8	3.0	83	0.46	14.1	4.7	66	0.40		35.15	24.9	8.25	6.70	
SSW 24"	1/14/10	1013	0.17	5.2	0.2	3.3	0.23	3.2	1.5	41	0.44	13.7	8.7	122	0.28		35.11	25.4	8.18	6.97	
SSW 24"	2/16/10	1145	0.17	5.2	0.1	2.0	0.34	4.7	14.3	402	0.36	11.3	3.5	49	0.65		34.81	25.3	8.23	5.99	
SSW 24"	3/15/10	1001	0.12	3.6	0.1	0.9	0.11	1.5	9.4	265	0.30	9.2	3.8	53	1.30		34.95	24.5	8.19	6.57	
SSW 24"	4/1/10	902	0.10	3.1	0.2	2.8	0.25	3.5	5.8	164	0.28	8.6	4.5	63	0.60	0.06	35.05	23.8	8.21	6.90	
SSW 24"	5/10/10	913	0.06	1.9	0.2	2.8	0.50	7.0	9.0	252	0.46	14.4	7.2	101	1.20	0.14	34.90	25.3	8.26	6.31	
SSW 24"	6/23/10	941	0.01	0.4	0.4	5.0	0.36	5.0	2.2	63	0.27	8.3	4.4	62	1.50	0.07	34.81	25.5	8.21	6.15	
SSW 24"	7/1/10	1057	0.02	0.6	0.29	4.0	0.30	4.2	3.6	101	0.3	10.1	8.0	112	1.00	0.05	34.99	25.9	8.22	5.04	
SSW 24"	8/5/10	953	0.04	1.3	0.20	2.8	0.09	1.2	3.6	100	0.3	8.7	5.4	76	0.85	0.05	34.79	26.0	8.20	6.28	
SSW 24"	9/2/10	1013	0.03	1.0	0.20	2.8	0.09	1.3	2.3	65	0.3	9.1	4.6	65	1.35	0.04	34.72	26.3	8.21	6.19	
SSW 24"	10/18/10	943	0.10	3.0	0.20	2.8	0.20	2.8	3.1	87	0.4	12.9	5.4	76	0.85	0.10	34.92	26.3	8.20	6.02	
SSW 24"	11/4/10	1005	0.05	1.5	0.61	8.5	0.59	8.3	6.2	175	0.4	11.7	7.4	104	1.00	0.06	34.99	26.6	8.24	6.00	
SSW 24"	12/1/10	1013	0.11	3.5	0.69	9.7	0.21	2.9	5.8	162	0.4	13.0	5.3	74	1.40	0.14	34.78	25.9	8.22	5.87	
SSW 24"	1/25/11	957	0.19	6.0	0.51	7.2	0.11	1.5	3.2	90	0.6	18.0	5.5	77	1.00	0.05	34.72	25.1	8.21	5.90	
SSW 24"	2/8/11	1009	0.15	4.5	0.40	5.6	0.51	7.2	10.6	296	0.5	14.4	7.6	107	1.30	0.08	35.11	25.2	8.28	6.37	
SSW 24"	3/7/11	1109	0.23	7.0	0.64	9.0	0.46	6.4	2.7	76	0.5	15.0	4.0	56	1.20	0.08	34.38	25.3	8.23	6.25	
SSW 24"	4/11/11	1128	0.18	5.5	0.35	4.9	0.12	1.7	1.2	33	0.5	14.3	9.8	137	1.22	0.06	35.02	25.2	8.17	5.51	
SSW 24"	5/25/11	922	0.09	2.7	0.38	5.3	0.24	3.4	0.9	26	0.4	11.3	5.2	73	1.44	0.09	34.68	25.3	8.26	6.38	
SSW 24"	6/13/11	1036	0.20	6.1	0.53	7.4	0.27	3.8	1.8	50	0.5	14.6	5.9	83	1.33	0.06	34.68	25.1	8.21	7.01	
SSW 24"	7/21/11	919	0.15	4.6	0.37	5.2	0.24	3.3	0.6	18	0.4	13.9	4.9	69	1.44	0.06	34.79	25.6	8.20	6.50	
SSW 24"	8/22/11	1033	0.04	1.2	0.43	6.0	0.16	2.2	1.5	42	0.4	11.2	5.2	72	0.95	0.03	34.89	26.1	8.23	6.60	
SSW 24"	9/15/11	947	0.08	2.5	0.32	4.5	0.13	1.8	1.5	43	0.5	14.0	6.9	96	0.54	0.07	34.72	26.8	8.20	6.10	
SSW 24"	10/4/11	811	0.10	3.2	0.43	6.0	0.19	2.7	2.8	79	0.4	13.6	10.9	153	0.44	0.07	34.89	26.6	8.19	6.02	
SSW 24"	11/21/11	1220	0.13	4.0	0.78	10.9	0.19	2.7	2.0	56	0.4	12.5	5.2	73	0.65	0.13	35.00	25.6	8.19	6.24	
SSW 24"	12/27/11	1033	0.01	0.2	0.70	9.8	0.16	2.3	1.4	38	0.3	9.5	6.3	88	0.64	0.15	34.95	24.6	8.23	6.00	
SSW 24"	1/30/12	1035	0.06	1.8	0.51	7.2	0.19	2.6	2.0	57	0.4	11.1	5.1	71	4.61	1.50	34.95	24.6	8.21	5.87	
SSW 24"	2/27/12	1035	0.06	2.0	0.38	5.3	0.01	0.2	2.5	71	0.4	11.3	6.8	95	1.26	0.12	35.18	24.0	8.23	6.46	
SSW 24"	3/28/12	1015	0.15	4.6	0.02	0.3	0.36	5.0	1.4	39	0.5	14.3	6.8	95	0.89	0.03	34.98	23.9	8.23	6.39	
SSW 24"	4/16/12	1026	0.16	4.9	0.39	5.4	0.12	1.7	0.4	12	0.5	14.3	7.0	98	0.96	0.04	34.74	24.5	8.20	6.21	
SSW 24"	5/24/12	849	0.16	5.1	0.38	5.3	0.21	3.0	2.3	65	0.5	15.9	5.3	74	0.71	0.09	34.86	24.5	8.21	6.57	
SSW 24"	6/19/12	1026	0.15	4.8	0.49	6.8	0.32	4.5	3.6	100	0.4	12.1	6.4	90	0.90	0.09	35.04	25.1	8.14	6.54	
SSW 24"	7/3/12	815	0.06	1.8	0.59	8.3	0.29	4.0	3.0	83	0.4	11.3	4.2	59	1.92	0.03	34.90	25.4	8.20	6.61	
SSW 24"	8/27/12	1105	0.03	1.0	0.61	8.6	0.24	3.3	2.8	79	0.4	13.6	6.2	87	1.28	0.03	35.32	26.4	8.21	6.63	
SSW 24"	9/26/12	1047	0.04	1.3	0.29	4.0	0.26	3.6	1.5	42	0.5	15.1	11.6	162	1.22	0.05	35.24	26.6	8.21	5.90	
SSW 24"	10/10/12	958	0.07	2.1	0.61	8.5	0.26	3.7	3.2	89	0.4	11.9	6.4	89	1.13	0.04	35.23	26.4	8.21	5.88	
SSW 24"	11/19/12	1325	0.21	6.6	0.21	3.0	0.24	3.3	5.1	143	0.4	11.7	4.9	69	1.24	0.06	35.19	26.2	8.24	6.55	
SSW 24"	12/19/12	941	0.15	4.6	0.31	4.3	0.38	5.3	6.0	169	0.5	15.0	6.5	91	1.03	0.02	35.22	25.0	8.26	6.47	
SSW 24"	1/4/13	1016	0.11	3.3	0.39	5.5	0.15	2.1	0.4	12	0.4	13.8	4.9	69	1.16	0.04	35.21	25.0	8.22	6.01	
SSW 24"	2/13/13	1023	0.15	4.5	0.32	4.5	0.01	0.1	2.6	74	0.5	15.2	5.6	78	1.27	0.02	35.10	24.6	8.22	5.79	
SSW 24"	3/18/13	1133	0.14	4.4	0.49	6.9	0.52	7.3	2.3	64	0.4	12.9	4.5	63	0.96	0.03	34.94	24.4	8.22	5.75	
SSW 24"	4/3/13	1237	0.11	3.4	0.18	2.5	0.18	2.5	2.7	75	0.4	13.5	4.1	58	1.22	0.02	35.26	24.6	8.22	5.98	
SSW 24"	5/29/13	952	0.28	8.6	0.33	4.6	0.33	4.6	2.2	61	0.7	21.4	7.7	107	1.47	0.02	34.99	26.5	8.20	5.76	
SSW 24"	6/13/13	1043	0.27	8.3	0.41	5.7	0.41	5.7	2.1	59	0.6	18.0	5.1	71	1.29	0.05	34.92	26.1	8.17	5.69	
SSW 24"	7/1/13	1000	0.20	6.3	0.40	5.6	0.19	2.7	1.7	49	0.6	17.5	6.8	96	0.99	0.07	34.93	26.2	8.24	6.28	
SSW 24"	8/14/13	949	0.19	5.9	0.45	6.3	0.36	5.0	2.1	59	0.4	12.8	5.3	74	1.15	0.03	35.27	26.6	8.23	6.14	

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
SSW 24"	9/18/13	857	0.19	6.0	0.07	1.0	0.31	4.3	2.9	80	0.5	15.3	5.1	72	0.78	0.02	35.02	27.1	8.21	5.72	
SSW 24"	10/10/13	1022	0.22	6.8	0.39	5.4	0.32	4.5	1.9	54	0.5	16.8	6.8	96	1.52	0.09	35.11	26.4	8.23	5.61	
SSW 24"	11/21/13	1024	0.18	5.7	0.43	6.0	0.49	6.9	2.9	83	0.5	14.1	5.6	79	1.31	0.02	35.22	26.4	8.20	6.08	
SSW 24"	12/23/13	938	0.18	5.7	0.44	6.2	0.53	7.4	1.7	48	0.5	16.8	5.1	72	1.22	0.02	35.17	25.8	8.22	5.78	
SSW 24"	1/23/14	1215	0.16	5.1	0.36	5.0	0.41	5.8	3.1	86	0.5	15.4	6.5	91	2.48	0.02	35.25	25.1	8.21	5.34	
SSW 24"	2/12/14	1118	0.13	4.0	0.35	4.9	0.37	5.2	1.2	35	0.4	13.6	6.7	94	0.77		35.05	25.2	8.21	6.40	
SSW 24"	3/17/14	1037	0.25	7.7	0.54	7.6	0.25	3.5	1.9	54	0.5	16.9	6.5	92	1.46	0.05	34.81	25.7	8.20	6.20	
SSW 24"	4/10/14	941	0.22	6.7	0.47	6.6	0.20	2.8	1.5	43	0.5	15.7	5.4	76	1.07	0.09	34.90	25.7	8.21	6.11	
SSW 24"	5/13/14	1317	0.21	6.6	0.63	8.8	0.33	4.6	1.8	52	0.5	14.2	8.0	112	1.41	0.09	34.94	26.2	8.23	6.07	
SSW 24"	6/24/14	1143	0.22	6.7	0.56	7.8	0.50	7.0	6.9	194	0.8	23.3	6.0	83	1.61	0.03	34.84	26.1	8.20	4.92	
SSW 24"	7/23/14	1055	0.23	7.0	0.49	6.8	0.26	3.7	3.5	99	0.5	15.9	5.7	80	1.18	0.23	34.99	27.6	8.21	6.53	
SSW 24"	8/11/14	1141	0.13	3.9	0.26	3.7	0.38	5.3	0.4	12	0.3	10.4	4.6	64	1.44	0.03	34.94	27.1	8.21	6.01	
SSW 24"	9/28/14	1146	0.18	5.5	0.41	5.8	0.22	3.1	0.8	24	0.5	14.6	7.9	111	1.60	0.07	34.90	28.1	8.22	5.64	
SSW 24"	10/15/14	1156	0.15	4.8	0.15	2.1	0.30	4.2	0.6	16	0.6	18.3	8.9	125	1.69	0.11	34.97	27.7	8.21	5.85	
SSW 24"	11/25/14	1233	0.14	4.3	0.04	0.5	0.29	4.1	0.2	6	0.4	13.0	6.0	84	2.00	0.07	34.97	27.0	8.21	5.60	
SSW 24"	12/30/14	930	0.14	4.2	0.21	2.9	0.41	5.8	0.1	3	0.5	15.9	8.0	113	1.31	0.10	35.26	25.1	8.21	6.42	
SSW 24"	1/21/15	1047	0.19	5.8	0.24	3.3	0.44	6.2	1.4	39	0.5	15.6	6.3	88	6.49	0.04	35.27	25.3	8.22	6.06	
SSW 24"	2/18/15	911	0.25	7.6	0.70	9.8	0.46	6.4	3.0	85	0.5	16.0	8.5	119	5.16	0.11	34.79	24.9	8.13	5.63	
SSW 24"	3/9/15	1309	0.15	4.7	0.52	7.3	0.43	6.0	1.5	43	0.3	8.8	9.3	131	5.15	0.04	33.85	25.3	8.22	5.34	
SSW 24"	4/28/15	1522	0.17	5.3	0.36	5.1	0.29	4.1	0.7	21	0.4	11.1	7.5	106	5.20	0.04	34.44	26.2	8.14	4.67	
SSW 24"	5/14/15	1006	0.14	4.4	0.17	2.4	0.06	0.9	1.4	39	0.2	7.5	6.4	89	1.40	0.02	34.65	25.6	8.18	6.46	
SSW 24"	6/3/15	942	0.31	9.7	0.75	10.5	0.39	5.4	2.2	62	0.6	18.8	6.2	88	1.65	0.02	34.51	26.2	8.17	5.64	
SSW 24"	7/7/15	857	0.05	1.7	0.15	2.1	0.18	2.5	1.1	31	0.4	11.1	5.6	78	2.25	0.07	34.94	25.7	8.12	5.89	
SSW 24"	8/14/15	1002	0.12	3.6	0.16	2.2	0.17	2.4	1.1	32	0.4	12.4	8.6	121	1.90	0.02	34.01	28.6	8.10	5.01	
SSW 24"	9/16/15	1005	0.13	4.1	0.59	8.2	0.36	5.0	2.4	67	0.2	7.0	9.2	129	1.70	0.09	34.29	29.5	8.14	5.59	
SSW 24"	10/28/15	1356	0.12	3.8	0.90	12.6	0.25	3.5	2.6	73	0.4	13.0	5.4	76	1.95	0.07	33.36	28.2	8.21	5.40	
SSW 24"	11/5/15	1009	0.06	2.0	0.36	5.0	0.09	1.3	1.2	33	0.3	10.3	6.1	85	1.85	0.09	34.07	28.1	8.19	5.69	
SSW 24"	12/9/15	1056	0.13	3.9	0.44	6.1	0.58	8.1	2.7	75	0.5	15.1	5.2	73	2.35	0.15	34.14	26.6	8.21	6.21	
SSW 24"	1/15/16	1117	0.12	3.6	0.46	6.5	0.42	5.9	2.7	75	0.4	11.8	5.7	80	2.00	0.08	33.86	25.3	8.18	5.95	
SSW 24"	2/11/16	946	0.09	2.8	0.49	6.8	0.16	2.2	1.3	38	0.4	11.1	4.7	66	1.95	0.06	34.51	24.9	8.23	5.66	
SSW 24"	3/3/16	1119	0.12	3.7	1.01	14.2	0.21	2.9	0.8	22	0.5	14.4	4.9	68	1.80	0.09	33.54	25.3	8.19	5.54	
SSW 24"	4/12/16	1128	0.09	2.9	0.93	13.0	0.57	8.0	0.8	22	0.4	11.4	4.6	65	2.30	0.06	34.45	25.7	8.07	5.49	
SSW 24"	5/10/16	1055	0.08	2.4	0.21	3.0	0.10	1.4	0.0	1	0.3	8.3	3.7	52	1.60	0.04	34.77	25.7	8.18	5.90	
SSW 24"	6/15/16	940	0.07	2.2	0.33	4.6	0.28	3.9	1.4	39	0.3	10.5	3.1	44	1.60	0.10	34.36	26.7	8.35	5.51	
SSW 24"	7/1/16	941	0.04	1.1	0.49	6.8	0.50	7.0	0.1	2	0.3	10.3	4.4	61	3.75	0.09	34.73	26.1	8.25	5.70	
SSW 24"	8/25/16	934	0.03	0.8	0.20	2.8	0.45	6.3	6.9	193	0.5	16.2	7.0	98	1.70	0.05	34.38	27.6	8.42	5.40	
SSW 24"	9/15/16	1013	0.03	1.0	1.26	17.7	0.20	2.8	6.8	191	0.4	11.0	5.9	83	1.90	0.07	34.45	27.6	8.23	6.18	
SSW 24"	10/20/16	1017	0.12	3.7	0.50	7.0	1.18	16.5	4.5	126	0.6	17.2	6.6	92	1.85	0.09	34.88	27.7	8.23	5.61	
SSW 24"	11/4/16	950	0.07	2.2	0.64	8.9	0.06	0.8	2.2	62	0.5	16.3	6.0	84	2.05	0.04	35.01	26.9	8.22	5.26	
SSW 24"	12/29/16	949	0.05	1.4	0.29	4.1	0.25	3.5	10.3	289	0.3	9.4	4.5	63	5.60	0.06	34.44	24.9	8.20	4.94	
SSW 24"	1/27/17	1055	0.02	0.6	0.20	2.8	0.19	2.6	2.0	56	0.3	8.9	3.2	45	2.15	0.04	34.67	24.9	8.21	5.50	
SSW 24"	2/23/17	955	0.11	3.3	0.44	6.1	0.27	3.8	3.6	101	0.3	9.8	3.3	46	5.65	0.07	32.73	25.0	8.23	5.64	
SSW 24"	3/17/17	940	0.09	2.8	0.21	3.0	0.54	7.5	2.4	68	0.3	10.3	3.1	44	5.75	0.08	33.69	25.3	8.21	5.25	
SSW 24"	4/10/17	1041	0.13	3.9	0.45	6.3	0.25	3.5	2.9	81	0.3	10.1	3.6	50	2.70	0.08	34.79	25.4	8.19	5.43	
SSW 24"	5/17/17	918	0.08	2.6	0.42	5.9	0.19	2.7	1.1	32	0.3	10.8	3.0	41	1.85	0.07	33.94	25.8	8.19	4.65	
SSW 24"	6/13/17	908	0.09	2.9	0.61	8.6	0.33	4.6	2.0	57	0.3	9.6	2.7	38	6.20	0.06	34.49	25.9	8.25	5.23	
SSW 24"	7/13/17	1033	0.02	0.7	0.29	4.0	0.34	4.7	1.6	46	0.3	8.0	3.0	42	1.85	0.05	34.93	27.6	8.22	4.17	
SSW 24"	8/2/17	925	0.08	2.6	0.14	2.0	0.30	4.2	2.2	60	0.4	11.8	3.8	53	1.90	0.09	34.99	27.0	8.15	5.75	
SSW 24"	9/12/17	932	0.10	3.0	0.12	1.7	0.61	8.6	0.7	19	0.9	27.7	7.9	111	2.20	0.07	34.34	27.4	8.17	5.01	
SSW 24"	10/12/17	1011	0.10	3.2	0.12	1.7	0.41	5.7	1.4	40	0.4	11.8	3.0	42	2.35	0.04	33.92	28.0	8.15	4.80	
SSW 24"	11/29/17	908	0.10	3.0	0.06	0.9	0.48	6.7	2.1	59	0.4	11.6	2.9	41	5.35	0.07	34.75	26.3	8.18	5.58	

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
SSW 24"	12/27/17	1032	0.10	3.1	0.22	3.1	0.41	5.7	1.0	29	0.4	12.0	3.4	48	1.50	0.07	35.23	25.2	8.16	6.04	
SSW 24"	1/11/18	1005	0.03	0.8	0.15	2.1	0.18	2.5	0.5	14	0.3	8.3	2.3	32	5.80	0.07	34.88	25.1	8.18	6.19	
SSW 24"	2/14/18	927	0.10	3.1	0.01	0.2	0.44	6.2	4.6	129	0.3	10.1	2.5	35	1.75	0.08	34.90	24.8	8.17	6.55	
SSW 24"	3/23/18	1018	0.13	4.0	0.26	3.7	0.24	3.4	1.7	48	0.4	11.7	1.9	27	1.55	0.07	34.62	24.6	8.18	6.35	
SSW 24"	4/24/18	1013	0.08	2.4	0.27	3.8	0.24	3.3	2.8	80	0.3	10.7	2.8	40	2.10	0.05	34.48	25.6	8.22	5.73	
SSW 24"	5/8/18	903	0.09	2.7	0.15	2.1	0.56	7.8	2.1	59	0.4	10.9	3.0	42	1.40	0.11	34.46	25.8	8.17	5.03	
SSW 24"	6/20/18	932	0.12	3.8	0.31	4.4	0.60	8.4	1.8	51	0.4	11.3	2.1	29	1.70	0.10	35.29	26.8	8.15	5.14	
SSW 24"	7/12/18	936	0.14	4.3	0.07	1.0	0.19	2.7	1.8	50	0.4	12.5	3.7	52	1.50	0.06	34.66	26.9	8.20	6.27	
SSW 24"	8/13/18	948	0.04	1.1	0.84	11.8	0.11	1.5	0.1	3	0.3	8.4	3.7	52	1.75	0.07	34.56	27.2	8.21	5.57	
SSW 24"	9/18/18	1537	0.08	2.4	0.57	8.0	0.30	4.2	0.4	11	0.4	12.2	11.5	161	0.90	0.07	34.68	28.3	8.23	6.00	
SSW 24"	10/11/18	852	0.05	1.5	0.16	2.2	0.23	3.2	0.2	5	0.3	10.2	2.2	31	6.25	0.12	34.75	27.5	8.18	3.81	
SSW 24"	11/2/18	849	0.04	1.1	0.13	1.8	0.31	4.4	1.1	30	0.4	11.3	2.7	37	6.20	0.11	34.57	27.9	8.16	4.38	
SSW 24"	12/21/18	947	0.17	5.4	0.16	2.3	0.56	7.9	0.6	17	0.4	12.9	2.6	36	6.50	0.09	34.44	25.6	8.22	4.03	
SSW 24"	1/15/19	931	0.11	3.4	0.29	4.1	0.20	2.8	1.6	45	0.4	11.2	2.8	39	5.05	0.25	34.90	24.7	8.18	6.26	
SSW 24"	2/13/19	907	0.04	1.2	0.09	1.2	0.09	1.2	1.2	33	0.3	9.3	2.1	30	2.00	0.09	34.82	24.2	8.09	6.33	
SSW 24"	3/7/19	1503	0.17	5.3	0.46	6.5	0.18	2.5	0.5	14	0.4	12.3	1.9	26	4.95	0.09	35.30	24.8	8.10	6.74	
SSW 24"	4/25/19	911	0.09	2.8	0.14	2.0	0.11	1.5	1.0	28	0.3	10.4	2.3	33	4.95	0.03	35.20	26.1	8.08	6.42	
SSW 24"	5/7/19	1021	0.07	2.2	0.19	2.7	0.41	5.7	1.2	33	0.3	9.9	2.0	28	2.50	0.04	35.43	25.5	8.15	6.37	
SSW 24"	6/20/19	1112	0.00	0.1	0.36	5.1	0.26	3.6	1.3	36	0.2	7.2	1.9	27	6.05	0.05	35.44	27.0	8.16	6.31	
SSW 24"	7/17/19	916	0.10	3.0	0.13	1.8	0.27	3.8	0.4	12	0.3	9.4	2.2	31	2.00	0.08	35.59	27.5	8.21	6.17	
SSW 24"	8/23/19	1427	0.14	4.3	-0.12	-1.7	0.31	4.4	1.4	38	0.4	11.0	2.0	29	1.35	0.06	35.13	29.0	8.19	5.88	
SSW 24"	9/26/19	1035	0.08	2.4	0.36	5.0	-0.02	-0.3	1.5	41	0.3	10.3	2.3	32	1.00	0.04	34.64	28.2	8.19	6.95	
SSW 24"	10/8/19	1002	0.04	1.1	0.46	6.4	0.19	2.6	0.8	23	0.2	7.4	3.4	47	0.75	0.05	35.17	28.7	8.17	6.03	
SSW 24"	11/14/19	1015	0.09	2.9	0.42	5.9	0.01	0.1	0.8	22	0.3	8.5	3.6	51	1.00	0.06	34.88	27.6	8.16	5.98	
SSW 24"	12/17/19	857	0.15	4.5	-0.09	-1.2	0.26	3.7	1.3	36	0.3	10.3	2.5	35	1.55	0.11	35.04	26.5	8.18	6.09	
SSW 24"	1/9/20	907	0.13	4.1	-0.24	-3.3	-0.23	-3.2	-0.9	-26	0.4	11.9	2.6	36	1.50	0.05	34.83	25.9	8.20	6.07	
SSW 24"	2/4/20	952	0.15	4.6	-0.42	-5.9	-0.01	-0.2	0.1	2	0.4	11.7	2.0	28	1.50	0.03	35.59	25.3	8.19	6.01	
SSW 24"	3/17/20	1721	0.08	2.6	-0.61	-8.5	0.24	3.3	-0.2	-7	0.3	9.8	1.8	25	1.40	0.02	35.77	25.0	8.18	6.50	
SSW 24"	4/1/20	COVID 19																			
SSW 24"	5/21/20	1100	0.11	3.4	-0.41	-5.7	0.29	4.0	0.5	14	0.3	9.7	2.3	32	1.80	0.04	35.85	26.4	8.15	6.11	
SSW 24"	6/9/20	917	0.13	3.9	-0.23	-3.2	0.31	4.4	-0.1	-4	0.3	8.2	2.6	36	1.15	0.04	36.16	26.6	8.17	6.00	
SSW 24"	7/14/20	1011	0.12	3.8	-0.08	-1.1	0.01	0.2	1.2	33	0.3	8.4	2.3	32	1.40	0.05	34.00	26.8	8.14	6.68	
SSW 24"	8/25/20	917	0.09	2.8	-0.16	-2.3	0.40	5.6	0.4	11	0.2	7.2	5.9	83	0.90	0.03	35.88	26.8	8.15	6.20	
SSW 24"	9/30/20	941	0.19	5.8	0.68	9.5	0.20	2.8	2.3	64	0.2	7.5	6.2	87	1.15	0.02	35.22	27.2	8.12	6.30	
SSW 24"	10/14/20	926	0.12	3.6	0.66	9.2	0.27	3.8	0.8	24	0.2	6.5	5.0	70	1.30	0.05	35.28	27.4	8.09	6.19	
SSW 24"	11/4/20	1101	0.17	5.3	1.10	15.4	0.56	7.8	1.5	42	0.4	10.9	8.1	113	1.40	0.04	35.33	28.0	8.11	6.16	
SSW 24"	12/4/20	850	0.14	4.2	-0.01	-0.1	0.21	3.0	0.8	21	0.3	9.0	5.2	73	1.10	0.06	35.56	26.7	8.08	6.28	
SSW 24"	1/14/21	900	0.16	4.9	0.58	8.1	-0.02	-0.3	1.0	29	0.2	5.6	4.5	63	1.40	0.05	35.83	26.2	8.08	6.32	
SSW 24"	2/11/21	948	0.03	1.0	0.05	0.7	0.01	0.2	0.4	10	0.1	2.5	4.4	61	0.60	0.05	35.73	25.1	8.12	6.41	
SSW 24"	3/24/21	1208	0.14	4.2	0.19	2.7	0.06	0.8	-0.5	-15	0.2	4.9	4.3	61	1.55	0.09	35.75	25.0	8.09	6.87	
SSW 24"	4/13/21	920	0.07	2.1	0.36	5.0	0.08	1.1	-0.1	-3	0.2	5.0	4.0	56	1.20	0.05	35.52	25.4	8.05	6.35	
SSW 24"	5/4/21	1114	0.05	1.5	0.50	7.0	0.07	1.0	0.2	5	0.1	3.5	5.0	70	1.00	0.05	35.73	25.8	8.04	6.51	
SSW 24"	6/22/21	958	0.05	1.4	1.14	15.9	0.17	2.4	0.8	21	0.2	7.0	5.8	81	1.75	0.06	35.88	26.6	8.03	6.31	
SSW 24"	7/1/21	1409	0.06	1.9	-0.07	-1.0	0.18	2.5	0.8	24	0.2	6.8	4.4	62	1.35	0.04	35.41	27.3	8.05	6.16	
SSW 24"	8/1/21	950	0.07	2.1	0.36	5.0	0.14	1.9	0.5	14	0.2	4.7	5.7	80	1.60	0.08	35.42	27.5	8.02	6.22	
SSW 24"	9/1/21	941	0.01	0.4	0.07	1.0	0.15	2.1	-0.2	-5	0.2	5.8	4.5	63	1.95	0.06	35.52	26.9	8.05	6.29	
SSW 24"	10/1/21	1308	0.06	1.8	-0.04	-0.5	0.08	1.1	0.0	1	0.2	5.6	4.5	63	1.90	0.08	35.58	27.2	8.02	6.27	
SSW 24"	11/1/21	1530	0.06	1.9	0.24	3.4	0.14	1.9	0.9	26	0.2	5.6	4.4	62	0.95	0.10	35.30	26.3	7.98	6.24	
SSW 24"	12/1/21	1401	0.10	3.2	1.21	16.9	0.01	0.1	0.2	5	0.2	7.7	4.1	58	1.05	0.02					
SSW 24"	1/1/22	1001	0.00	-0.1	0.18	2.5	0.01	0.1	1.3	36	0.2	6.4	4.1	57	1.10	0.06					
SSW 24"	2/1/22	856	-0.01	-0.3	0.25	3.5	0.09	1.3	1.1	31	0.1	2.2	4.4	62	1.10	0.09	34.87	25.2	8.07	6.49	
SSW 24"	3/1/22	1102	0.15	4.5	-0.16	-2.3	0.02	0.3	0.4	12	0.2	6.3	4.9	69	0.80	0.07	34.52	26.0	8.09	6.45	

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
SSW 24"	4/1/22	1013	0.05	1.7	0.16	2.2	0.00	0.0	1.0	28	0.2	5.8	5.5	77	1.05	0.04	34.93	26.2	8.06	6.36	
SSW 24"	5/1/22	913	0.08	2.5	0.30	4.2	0.14	1.9	0.5	15	0.3	8.9	4.3	60	0.85	0.06	34.52	25.3	8.05	6.54	
SSW 24"	6/1/22	945	-0.06	-2.0	-0.01	-0.2	-0.09	-1.2	1.7	47	0.2	5.9	4.4	62	1.00	0.08	34.69	26.3	8.04	6.38	
SSW 24"	7/1/22	1034	0.08	2.5	0.35	4.9	0.10	1.4	2.2	62	0.2	5.6	5.3	74	1.20	0.05	34.86	27.1	8.08	6.30	
SSW 24"	8/1/22	1441	0.06	1.8	0.60	8.4	0.09	1.3	1.6	45	0.2	5.0	4.9	68	0.95	0.04	34.83	27.8	7.99	6.08	
SSW 24"	9/1/22	947	-0.02	-0.6	0.36	5.1	0.24	3.3	0.8	22	0.1	3.9	5.3	74	0.85	0.11	35.02	26.8	8.06	6.44	
SSW 24"	10/1/22	1001	0.03	0.8	0.44	6.2	0.09	1.2	2.1	60	0.2	6.1	4.6	64	1.50	0.05	34.86	27.0	8.10	6.33	
SSW 24"	11/1/22	933	0.01	0.4	0.40	5.6	0.15	2.1	2.3	65	0.2	5.5	5.6	79	0.95	0.03	34.94	26.8	8.11	6.23	
SSW 24"	12/1/22	1047	-0.02	-0.5	0.47	6.6	0.25	3.5	2.1	58	0.1	3.9	4.7	66	1.15	0.03	35.02	25.7	8.09	6.38	
SSW 24"	1/1/23	915	0.15	4.6	0.29	4.0	0.14	1.9	1.8	51	0.2	6.4	4.4	62	0.85	0.07	34.89	25.2	8.10	6.53	
SSW 24"	2/1/23	920	0.06	2.0	-0.14	-1.9	0.08	1.1	1.5	42	0.3	7.9	3.9	54	1.55	0.14	34.78	24.5	8.07	6.63	
SSW 24"	3/1/23	1042	0.14	4.3	0.54	7.6	0.11	1.5	2.9	80	0.3	9.3	5.3	75	1.15	0.13	34.73	23.8	8.11	6.77	
SSW 24"	4/1/23	935	0.18	5.5	1.25	17.5	0.14	1.9	2.6	72	0.3	8.1	4.5	63	2.05	0.09	34.67	25.0	8.03	6.48	
SSW 24"	5/1/23	1052	0.05	1.6	0.06	0.8	0.16	2.2	1.7	48	0.2	6.7	5.8	81	1.05	0.09	34.77	26.1	8.07	6.51	
SSW 24"	6/30/23	952	0.19	6.0	0.34	4.8	0.46	6.4	1.5	42	0.3	10.2	4.9	69	2.20	0.06	34.78	26.1	8.11	6.43	
SSW 24"	7/12/2023	1513	0.05	1.7	0.24	3.4	0.08	1.1	1.2	34	0.2	5.7	5.3	74	0.65	0.06	34.64	26.3	8.08	6.50	148.9
SSW 24"	8/4/2023	1005	0.03	0.8	0.24	3.4	0.24	3.3	0.5	14	0.2	6.3	5.3	74	1.20	0.07	34.73	27.0	8.09	6.33	
SSW 24"	9/6/2023	1328	0.17	5.3	0.20	2.8	0.29	4.0	1.6	44	0.3	9.4	4.1	57	1.40	0.08	34.77	27.1	8.13	6.39	
SSW 24"	10/24/2023	1518	0.08	2.5	0.06	0.8	0.51	7.2	1.4	40	0.3	8.9	4.8	67	1.05	0.22	34.84	27.4	7.99	6.32	
SSW 24"	11/14/2023	908	0.13	4.1	0.26	3.6	0.18	2.5	1.5	43	0.3	8.1	5.3	75	1.45	0.09	34.93	26.4	8.08	6.31	190.4
SSW 24"	12/19/2023	1119	0.14	4.3	0.27	3.8	0.31	4.3	1.9	53	0.2	7.7	5.0	70	1.00	0.08	34.99	25.8	8.03	6.31	190.1
SSW 24"	1/11/2024	1421	0.05	1.4	0.17	2.4	0.19	2.6	1.1	31	0.1	3.4	4.7	66	1.40	0.08	35.01	25.0	8.14	6.49	120.9
SSW 24"	2/7/2024	903	-0.02	-0.5	0.95	13.3	0.31	4.3	-0.2	-6	0.1	3.3	4.0	56	0.90	0.08	35.05	24.9	8.07	6.47	222.5
SSW 24"	3/13/2024	939	0.00	-0.1	0.68	9.5	0.14	2.0	-0.1	-4	0.2	6.0	5.2	73	1.25	0.15	35.08	25.1	8.11	6.36	193.7
SSW 24"	4/2/2024	1522	0.25	7.8	0.44	6.2	0.26	3.7	1.1	30	0.2	4.9	5.4	76	1.35	0.18	35.05	25.6	8.12	6.35	164.5
SSW 24"	5/23/2024	854	0.39	12.1	0.24	3.3	0.22	3.1	1.9	54	0.5	17.0	6.2	87	1.05	0.11	35.00	26.1	8.06	6.43	414.9
SSW 24"	6/7/2024	1039	0.32	9.9	0.26	3.6	0.22	3.1	1.8	51	0.4	12.4	5.5	77	1.35	0.14	34.98	26.9	8.08	6.29	254.8
SSW 24"	7/24/2024	944	0.17	5.4	0.47	6.6	-0.06	-0.8	0.9	24	0.3	8.8	4.4	62	0.65	0.07	34.79	27.2	8.09	6.21	162.4
SSW 24"	8/28/2024	957	0.16	5.0	0.37	5.2	0.21	2.9	0.7	20	0.3	9.1	4.8	67	1.30	0.07	34.84	26.8	8.03	6.29	258.7
SSW 24"	9/17/2024	1424	0.16	4.9	0.26	3.6	0.55	7.7	0.9	24	0.3	8.4	5.0	70	0.80	0.06	34.90	27.9	8.09	6.28	143.1
SSW 24"	10/4/2024	925	0.20	6.3	0.53	7.4	0.01	0.2	1.5	43	0.3	9.5	4.7	67	1.35	0.05	34.97	27.3	8.07	6.09	370.5
SSW 24"	11/22/2024	1042	0.14	4.3	0.34	4.7	0.31	4.4	1.5	44	0.3	8.8	4.5	64	0.65	0.06	35.04	25.9	8.10	6.29	210.0
SSW 24"	12/11/2024	1350	0.15	4.7	0.15	2.1	0.26	3.6	2.3	66	0.3	9.0	6.3	88	0.90	0.06	34.92	25.7	8.11	6.55	172.1
SSW 24"	1/7/2025	942	0.16	5.0	0.30	4.2	0.44	6.2	3.1	86	0.3	9.0	4.8	68	1.15	0.07	34.89	25.8	8.11	6.50	195.9
SSW 24"	2/5/2025	1010	0.03	0.9	0.09	1.2	0.14	1.9	0.1	3	0.2	5.5	5.4	76	0.40	0.07	34.83	25.2	8.10	6.48	174.5
SSW 24"	3/20/2025	1011	0.01	0.2	0.01	0.1	0.17	2.4	0.5	14	0.1	4.4	4.8	67	0.65	0.07	34.95	25.1	8.15	6.60	161.4
SSW 24"	4/1/2025	1101	0.02	0.7	0.01	0.1	0.06	0.8	0.3	10	0.1	3.9	4.2	59	0.70	0.08	34.64	26.1	8.11	6.59	195.8
SSW 24"	5/9/2025	940	0.00	0.1	0.14	2.0	0.12	1.7	0.1	3	0.2	5.1	6.0	85	1.00	0.06	34.89	25.8	8.12	6.47	158.4
SSW 24"	6/20/2025	1332	0.05	1.6	0.09	1.3	0.15	2.1	1.4	40	0.2	5.8	5.1	71	1.10	0.06	34.87	26.4	8.07	6.59	264.8
SSW 24"	7/23/2025	1441	0.05	1.5	0.35	4.9	0.01	0.1	0.5	14	0.2	5.9	4.7	66	1.05	0.06	34.83	27.6	8.09	6.21	172.6
SSW 24"	8/22/2025	1041	0.00	0.0	0.11	1.6	0.06	0.8	-0.7	-21	0.2	5.4	4.8	68	0.55	0.10	34.98	27.1	8.05	6.33	158.5
SSW 24"	9/19/2025	1033	0.05	1.5	0.44	6.2	0.24	3.4	0.2	4	0.2	5.7	5.4	75	1.75	0.08	34.96	27.1	8.07	6.39	171.0
SSW 24"	10/13/2025	922	-0.14	-4.2	-0.15	-2.2	-0.08	-1.1	-4.5	-127	0.0	1.1	5.3	75	1.55	0.07	35.05	27.1	8.04	6.34	171.1
SSW 24"	11/21/2025	1021	0.00	0.0	0.00	0.0	0.01	0.1	0.4	12	0.2	5.4	4.5	63	1.40	0.19	35.09	26.6	8.08	6.45	200.1
SSW 24"	12/18/2025	1304	0.00	0.0	0.25	3.5	0.00	0.0	1.8	52	0.2	6.5	5.1	71	1.70	0.11	35.10	26.3	8.04	6.43	218.0

NELHA Water Quality Laboratory
SSW 28"
Intake Depth: 21 m, Offshore Pipe Length: 163 m

SITE ID	DATE M/D/Y	TIME (2400)	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)		TDP (µM) (µg P/L)		TDN (µM) (µg N/L)		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
Mean (Mar. '05 - present)			0.12	3.6	0.29	4.1	0.28	3.9	2.38	66.8	0.34	10.6	5.13	72.41	1.74	0.08	34.88	26.06	8.18	6.16	202.2
STD DEV			0.08	2.5	0.28	3.9	0.25	3.6	3.03	85.2	0.13	3.9	1.83	24.85	1.29	0.11	0.41	1.09	0.08	0.55	65.2
Range																					
UWL +2s			0.28	8.7	0.8	11.8	0.79	11.0	8.4	237	0.60	18.5	8.8	122.1	4.3	0.3	35.7	28.2	8.3	7.3	332.6
LWL -2s			-0.05	-1.5	-0.3	-3.6	-0.23	-3.2	-3.7	-104	0.08	2.7	1.5	22.7	-0.8	-0.1	34.1	23.9	8.0	5.1	71.8
UCL +3s			0.36	11.2	1.1	15.7	1.04	14.6	11.5	322	0.73	22.4	10.6	147.0	5.6	0.4	36.1	29.3	8.4	7.8	397.8
LCL -3s			-0.13	-4.1	-0.5	-7.5	-0.49	-6.8	-6.7	-189	-0.05	-1.2	-0.4	-2.1	-2.1	-0.3	33.7	22.8	7.9	4.5	6.6
Data																					
Max. Value			0.62	19.2	1.3	17.7	2.93	41.1	25.7	723	0.89	27.7	11.6	162.4	6.5	1.5	36.2	29.5	8.4	7.3	414.9
Min. Value			-0.14	-4.2	-0.6	-8.5	-0.23	-3.2	-4.5	-127	0.00	1.1	0.0	25.3	0.3	0.0	32.7	23.8	8.0	3.8	120.9