

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)
SSW28"	7/24/82		0.11	3.4	0.14	2.0			2.3	66							34.466	27.0			
SSW28"	8/3/82		0.17	5.3	0.19	2.7			2.9	82							34.482	27.8			
SSW28"	8/10/82		0.08	2.5	0.28	3.9			3.7	104							34.458	27.6			
SSW28"	8/17/82		0.10	3.1	0.34	4.8			3.9	110							34.446	27.4			
SSW28"	8/23/82		0.10	3.1	0.43	6.0			6.0	170							34.537	27.6			
SSW28"	9/1/82		0.12	3.7	0.09	1.3			1.8	51							34.544	27.6			
SSW28"	9/10/82		0.12	3.7	0.18	2.5			3.8	106							34.540	27.9			
SSW28"	9/17/82		0.11	3.4	0.47	6.6			11.5	324							34.442	27.6			
SSW28"	9/20/82		0.08	2.5	0.18	2.5			3.6	101							34.395	27.6			
SSW28"	9/29/82		0.12	3.7	0.23	3.2			6.2	173							34.329	27.5			
SSW28"	10/6/82		0.21	6.5	0.17	2.4			4.6	130							34.403	27.5			
SSW28"	10/14/82		0.17	5.3	0.12	1.7			3.5	99							34.438	27.3			
SSW28"	10/18/82		0.15	4.6	0.14	2.0			3.0	83							34.572	27.6			
SSW28"	10/28/82		0.13	4.0	0.14	2.0			2.1	58							34.595	27.4			
SSW28"	11/4/82		0.11	3.4	0.14	2.0			2.3	65							34.595	27.6			
SSW28"	11/10/82		0.12	3.7	0.17	2.4			2.3	65							34.607	27.4			
SSW28"	11/17/82		0.11	3.4	0.19	2.7			2.1	60							34.670	27.2			
SSW28"	11/22/82		0.12	3.7	0.17	2.4			2.3	65							34.709	26.7			
SSW28"	12/7/82		0.13	4.0	0.11	1.5			3.0	85							34.627	26.2			
SSW28"	12/20/82		0.16	5.0	0.08	1.1			2.1	58							34.682	25.8			
SSW28"	12/23/82		0.20	6.2	0.19	2.7			7.2	201							34.694	25.2			
SSW28"	12/27/82		0.17	5.3	0.14	2.0			1.9	53							34.737	25.1			
SSW28"	1/5/83		0.16	5.0	0.11	1.5			3.0	85							34.635	25.3			
SSW28"	1/10/83		0.18	5.6	0.11	1.5			3.4	95							34.658	25.3			
SSW28"	1/19/83		0.16	5.0	0.08	1.1			2.9	80							34.760	25.4			
SSW28"	1/27/83		0.16	5.0	0.08	1.1			2.9	80							34.756	24.8			
SSW28"	2/4/83		0.16	5.0	0.11	1.5			2.9	80							34.776	24.9			
SSW28"	2/10/83		0.15	4.6	0.05	0.7			3.7	105							34.772	24.3			
SSW28"	2/18/83		0.18	5.6	0.14	2.0			3.4	95							34.792	24.7			
SSW28"	2/22/83		0.14	4.3	0.14	2.0			2.9	80							34.858	24.9			
SSW28"	3/1/83		0.04	1.2	0.10	1.4			3.0	83							34.874	25.1			
SSW28"	3/11/83		0.06	1.9	0.25	3.5			4.1	116							34.837	25.4			
SSW28"	3/18/83		0.06	1.9	0.21	2.9			3.0	83							34.855	24.9			
SSW28"	3/24/83		0.09	2.8	0.12	1.7			2.8	78							34.846	24.9			
SSW28"	3/31/83		0.10	3.1	0.12	1.7			2.0	55							34.753	24.9			
SSW28"	4/6/83		0.09	2.8	0.21	2.9			2.8	78							34.770	25.3			
SSW28"	4/16/83		0.12	3.7	0.21	2.9			3.4	94							34.730	25.2			
SSW28"	4/21/83		0.14	4.3	0.16	2.2			6.5	183							34.721	25.7			
SSW28"	4/25/83		0.10	3.1	0.12	1.7			3.5	99							34.780	25.2			
SSW28"	5/7/83		0.16	5.0	0.14	2.0			2.7	76							34.700	25.1			
SSW28"	5/10/83		0.15	4.6	0.03	0.4			3.4	96							34.701	25.2			
SSW28"	5/19/83		0.17	5.3	0.24	3.4			5.4	152							34.538	25.4			
SSW28"	5/26/83		0.18	5.6	0.07	1.0			3.4	96							34.710	25.2			
SSW28"	6/2/83		0.16	5.0	0.10	1.4			3.2	91							34.629	25.9			
SSW28"	6/7/83		0.17	5.3	0.14	2.0			3.4	96							34.795	25.6			
SSW28"	6/16/83		0.15	4.6	0.10	1.4			2.9	81							34.840	26.1			
SSW28"	6/23/83		0.15	4.6	0.07	1.0			2.3	66							34.844	26.2			
SSW28"	6/29/83		0.17	5.3	0.17	2.4			3.6	101							34.784	26.1			
SSW28"	7/7/83		0.17	5.3	0.24	3.4			4.7	131							34.764	25.9			
SSW28"	7/14/83		0.17	5.3	0.18	2.5			4.9	138							34.713	25.6			

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)
SSW28"	7/21/83		0.16	5.0	0.15	2.1			2.1	59							34.774	26.2			
SSW28"	7/28/83		0.17	5.3	0.17	2.4			3.9	110							34.752	26.1			
SSW28"	8/3/83		0.18	5.6	0.36	5.0			4.1	114							34.775	25.9			
SSW28"	8/11/83		0.15	4.6	0.15	2.1			2.7	76							34.794	26.5			
SSW28"	8/20/83		0.15	4.6	0.12	1.7			3.1	86							34.766	26.5			
SSW28"	8/26/83		0.16	5.0	0.18	2.5			4.1	114							34.787	26.7			
SSW28"	8/29/83		0.15	4.6	0.18	2.5			3.7	105							34.795	26.6			
SSW28"	9/8/83		0.16	5.0	0.17	2.4			4.0	112							34.768	26.5			
SSW28"	9/14/83		0.17	5.3	0.17	2.4			2.8	78							34.837	27.0			
SSW28"	9/22/83		0.16	5.0	0.23	3.2			5.0	142							34.866	26.8			
SSW28"	9/29/83		0.17	5.3	0.16	2.2			2.9	82							34.890	26.3			
SSW28"	10/8/83		0.15	4.6	0.22	3.1			4.1	115							34.886	26.8			
SSW28"	10/15/83		0.15	4.6	0.19	2.7			4.1	115							34.927	26.6			
SSW28"	10/21/83		0.15	4.6	0.16	2.2			5.0	139							34.929	26.7			
SSW28"	10/24/83		0.15	4.6	0.09	1.3			4.4	125							34.924	27.5			
SSW28"	11/3/83		0.16	5.0	0.18	2.5			2.5	71							34.890	26.5			
SSW28"	11/10/83		0.13	4.0	0.14	2.0			2.5	71							35.003	26.1			
SSW28"	11/18/83		0.11	3.4	0.11	1.5			2.7	76							35.002	26.4			
SSW28"	11/21/83		0.13	4.0	0.18	2.5			2.9	80							35.003	26.6			
SSW28"	11/30/83		0.17	5.3	0.07	1.0			2.6	73							35.003	26.4			
SSW28"	12/8/83		0.17	5.3	0.17	2.4			2.2	63							35.047	26.5			
SSW28"	12/13/83		0.21	6.5	0.10	1.4			2.4	68							34.961	26.4			
SSW28"	12/21/83		0.18	5.6	0.07	1.0			2.6	73							34.995	25.7			
SSW28"	12/28/83		0.18	5.6	0.12	1.7			1.9	53							34.894	25.9			
SSW28"	1/6/84		0.13	4.0	0.15	2.1			2.2	62							34.972	25.6			
SSW28"	1/13/84		0.15	4.6	0.24	3.4			2.3	64							34.965	25.7			
SSW28"	1/20/84		0.12	3.7	0.12	1.7			1.8	51							35.016	25.3			
SSW28"	1/25/84		0.15	4.6	0.18	2.5			2.8	79							34.886	25.6			
SSW28"	2/3/84		0.13	4.0	0.12	1.7			2.0	56							35.047	25.1			
SSW28"	2/10/84		0.14	4.3	0.21	2.9			3.2	89							34.980	24.8			
SSW28"	2/15/84		0.14	4.3	0.09	1.3			2.2	61							34.972	25.2			
SSW28"	2/24/84		0.14	4.3	0.12	1.7			2.8	79							34.932	25.2			
SSW28"	2/29/84		0.17	5.3	0.12	1.7			3.0	84							34.933	25.2			
SSW28"	3/9/84		0.18	5.6	0.10	1.4			2.8	78							34.893	25.5			
SSW28"	3/16/84		0.19	5.9	0.21	2.9			4.5	126							34.801	26.0			
SSW28"	3/23/84		0.18	5.6	0.14	2.0			3.6	102							34.796	26.0			
SSW28"	3/27/84		0.19	5.9	0.17	2.4			3.8	106							34.739	25.5			
SSW28"	4/13/84		0.18	5.6	0.05	0.7			2.3	65							34.850	25.1			
SSW28"	4/19/84		0.18	5.6	0.22	3.1			3.3	94							34.864	25.4			
SSW28"	4/25/84		0.17	5.3	0.22	3.1			2.3	65							34.931	25.3			
SSW28"	5/4/84		0.16	5.0	0.27	3.8			2.9	82							34.899	25.7			
SSW28"	5/10/84		0.18	5.6	0.19	2.7			2.4	67							34.880	25.6			
SSW28"	5/18/84		0.17	5.3	0.27	3.8			3.8	106							34.811	25.3			
SSW28"	5/25/84		0.14	4.3	0.25	3.5			4.3	120							34.794	25.9			
SSW28"	5/29/84		0.21	6.5	0.25	3.5			2.6	72							34.820	25.5			
SSW28"	6/8/84		0.18	5.6	0.14	2.0			2.3	65							34.971	26.1			
SSW28"	6/16/84		0.16	5.0	0.14	2.0			2.4	67							34.842	26.1			
SSW28"	6/22/84		0.16	5.0	0.22	3.1			2.8	79							34.921	26.4			
SSW28"	6/29/84		0.18	5.6	0.39	5.5			5.1	144							34.938	26.5			
SSW28"	7/6/84		0.15	4.6	0.22	3.1			3.6	102							34.976	26.5			

NELHA Water Quality Laboratory
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SSW28"	7/13/84		0.13	4.0	0.22	3.1			4.0	112							34.933	26.7			
SSW28"	7/19/84		0.11	3.4	0.24	3.4			3.3	92							34.882	26.7			
SSW28"	7/27/84		0.12	3.7	0.19	2.7			3.1	88							34.961	26.9			
SSW28"	8/3/84		0.21	6.5	0.19	2.7			2.0	55							35.004	27.0			
SSW28"	8/10/84		0.15	4.6	0.11	1.5			2.5	70							35.000	25.9			
SSW28"	8/16/84		0.16	5.0	0.11	1.5			1.4	40							34.992	26.3			
SSW28"	8/25/84		0.20	6.2	0.24	3.4			3.2	90							35.012	26.6			
SSW28"	9/8/84		0.20	6.2	0.12	1.7			2.0	55							35.018	26.4			
SSW28"	9/13/84		0.25	7.7	0.24	3.4			3.0	85							34.893	26.7			
SSW28"	9/21/84		0.18	5.6	0.15	2.1			1.4	40							34.961	27.0			
SSW28"	9/28/84		0.19	5.9	0.21	2.9			3.2	91							35.059	27.5			
SSW28"	10/5/84		0.21	6.5	0.25	3.5			4.0	111							35.064	27.4			
SSW28"	10/12/84		0.14	4.3	0.14	2.0			2.3	65							35.112	27.2			
SSW28"	10/19/84		0.14	4.3	0.20	2.8			2.0	55							35.147	27.7			
SSW28"	10/29/84		0.16	5.0	0.19	2.7			1.1	30							35.053	27.1			
SSW28"	11/2/84		0.15	4.6	0.20	2.8			1.8	50							35.094	27.6			
SSW28"	11/9/84		0.16	5.0	0.13	1.8			1.4	40							35.083	26.7			
SSW28"	11/16/84		0.16	5.0	0.10	1.4			1.4	40							35.167	26.3			
SSW28"	11/23/84		0.12	3.7	0.20	2.8			1.6	45							35.196	26.3			
SSW28"	11/30/84		0.14	4.3	0.23	3.2			2.0	55							35.183	26.2			
SSW28"	12/7/84		0.18	5.6	0.19	2.7			1.9	54							35.181	26.1			
SSW28"	12/14/84		0.19	5.9	0.25	3.5			1.5	43							34.751	25.3			
SSW28"	12/21/84		0.19	5.9	0.36	5.0			5.0	140							35.006	25.7			
SSW28"	12/27/84		0.18	5.6	0.24	3.4			1.5	43							34.554	24.9			
SSW28"	1/4/85		0.19	5.9	0.35	4.9			3.0	84							34.504	24.9			
SSW28"	1/11/85		0.18	5.6	0.25	3.5			2.2	63							34.642	24.9			
SSW28"	1/18/85		0.15	4.6	0.25	3.5			1.9	53							34.835	24.5			
SSW28"	1/25/85		0.15	4.6	0.18	2.5			2.4	68							34.882	25.1			
SSW28"	2/1/85		0.15	4.6	0.35	4.9			3.6	100							34.916	24.5			
SSW28"	2/8/85		0.14	4.3	0.32	4.5			2.1	58							34.914	24.8			
SSW28"	2/15/85		0.14	4.3	0.23	3.2			1.4	40							34.965	24.7			
SSW28"	2/21/85		0.18	5.6	0.25	3.5			3.0	84							34.784	25.0			
SSW28"	3/1/85		0.18	5.6	0.24	3.4			2.5	69							34.544	24.7			
SSW28"	3/9/85		0.14	4.3	0.21	2.9			1.7	48							34.756	24.4			
SSW28"	3/15/85		0.17	5.3	0.18	2.5			1.7	48							34.690	24.4			
SSW28"	3/22/85		0.20	6.2	0.60	8.4			16.0	449							34.914	24.0			
SSW28"	3/30/85		0.16	5.0	0.24	3.4			2.4	68							34.803	24.5			
SSW28"	4/5/85		0.15	4.6	0.22	3.1			2.1	58							34.933	23.9			
SSW28"	4/12/85		0.18	5.6	0.22	3.1			1.7	47							35.028	23.9			
SSW28"	4/19/85		0.20	6.2	0.22	3.1			2.1	58							34.729	23.7			
SSW28"	4/26/85		0.19	5.9	0.27	3.8			2.9	82							34.823	24.2			
SSW28"	5/3/85		0.19	5.9	0.18	2.5			2.6	74							34.776	24.9			
SSW28"	5/10/85		0.24	7.4	0.28	3.9			3.0	85							34.607	24.8			
SSW28"	5/17/85		0.22	6.8	0.30	4.2			1.6	45							34.489	24.9			
SSW28"	5/29/85		0.23	7.1	0.18	2.5			2.4	68							34.552	25.6			
SSW28"	6/9/85		0.23	7.1	0.29	4.1			2.8	78							34.580	25.8			
SSW28"	6/14/85		0.22	6.8	0.26	3.6			4.1	115							34.540	25.8			
SSW28"	6/23/85		0.22	6.8	0.24	3.4			3.2	89							34.580	26.1			
SSW28"	7/3/85		0.21	6.5	0.26	3.6			3.6	102							34.629	26.0			
SSW28"	7/12/85		0.20	6.2	0.26	3.6			2.6	72							34.743	26.9			

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SSW28"	7/19/85		0.20	6.2	0.23	3.2			2.7	77							34.760	26.9			
SSW28"	7/26/85		0.18	5.6	0.29	4.1			2.2	61							34.783	26.8			
SSW28"	8/1/85		0.18	5.6	0.24	3.4			2.9	80							34.711	26.5			
SSW28"	8/9/85		0.17	5.3	0.16	2.2			2.4	66							34.825	26.2			
SSW28"	8/16/85		0.18	5.6	0.19	2.7			2.9	83							34.812	26.4			
SSW28"	8/21/85		0.23	7.1	0.19	2.7			4.1	116							34.779	27.2			
SSW28"	8/29/85		0.21	6.5	0.17	2.4			2.6	72							34.800	27.3			
SSW28"	9/7/85		0.18	5.6	0.20	2.8			2.5	69							34.948	26.5			
SSW28"	9/15/85		0.18	5.6	0.22	3.1			2.7	74							34.938	27.0			
SSW28"	9/20/85		0.19	5.9	0.27	3.8			3.8	106							34.848	27.4			
SSW28"	9/27/85		0.21	6.5	0.27	3.8			1.9	53							34.854	27.2			
SSW28"	10/4/85		0.21	6.5	0.22	3.1			2.7	74							34.815	27.5			
SSW28"	10/11/85		0.18	5.6	0.20	2.8			2.3	64							34.896	26.9			
SSW28"	10/18/85		0.19	5.9	0.30	4.2			2.3	64							34.885	26.7			
SSW28"	10/25/85		0.18	5.6	0.20	2.8			1.9	53							34.891	26.4			
SSW28"	11/1/85		0.19	5.9	0.22	3.1			2.7	74							34.892	26.6			
SSW28"	11/7/85		0.16	5.0	0.23	3.2			1.7	47							34.896	26.9			
SSW28"	11/14/85		0.14	4.3	0.24	3.4			1.5	42							34.915	27.0			
SSW28"	11/21/85		0.14	4.3	0.27	3.8			1.9	52							34.823	26.8			
SSW28"	11/27/85		0.15	4.6	0.34	4.8			1.7	47							34.923	26.2			
SSW28"	12/5/85		0.12	3.7	0.32	4.5			2.0	57							34.937	26.3			
SSW28"	12/13/85		0.11	3.4	0.24	3.4			2.0	57							34.997	26.4			
SSW28"	12/20/85		0.12	3.7	0.32	4.5			2.0	57							34.989	25.4			
SSW28"	12/27/85		0.11	3.4	0.22	3.1			1.5	42							35.027	25.7			
SSW28"	1/3/86		0.20	6.2	0.25	3.5	0.15	2.1	2.3	64	0.5	15.5	6.0	84	0.34		35.044	25.5			
SSW28"	1/7/86		0.15	4.6	0.22	3.1	0.15	2.1	2.5	69	0.5	14.6	6.2	86	0.20		35.047	25.4			
SSW28"	1/17/86		0.18	5.6	0.22	3.1	0.18	2.5	3.0	85	0.5	13.9	5.1	71	0.11		34.969	25.6			
SSW28"	1/24/86		0.20	6.2	0.19	2.7	0.20	2.8	1.9	53	0.5	15.5	5.6	79	0.53		34.844	25.2			
SSW28"	1/31/86		0.18	5.6	0.22	3.1	0.18	2.5	2.5	69	0.5	15.5	5.6	78	0.37		34.889	25.0			
SSW28"	2/8/86		0.19	5.9	0.19	2.7	0.15	2.1	1.7	48	0.5	15.2	5.2	73	0.37		34.770	25.6			
SSW28"	2/12/86		0.20	6.2	0.16	2.2	0.20	2.8	2.7	75	0.5	16.7	5.6	78	0.32		34.627	25.6			
SSW28"	2/21/86		0.24	7.4	0.34	4.8	0.28	3.9	3.0	85	0.6	17.0	5.6	78	0.41		34.724	25.6			
SSW28"	3/1/86		0.22	6.8	0.22	3.1	0.43	6.0	1.7	48	0.5	16.4	5.5	77			34.745	25.6			
SSW28"	3/7/86		0.13	4.0	0.21	2.9	0.23	3.2	2.4	67	0.5	13.9	5.1	71	0.65		34.823	25.6			
SSW28"	3/13/86		0.16	5.0	0.26	3.6	0.26	3.6	3.5	98	0.6	17.0	6.3	88	0.70		34.725	26.4			
SSW28"	3/20/86		0.14	4.3	0.22	3.1	0.21	2.9	2.6	72	0.4	13.6	5.1	71	0.70		34.713	26.8			
SSW28"	3/27/86		0.11	3.4	0.16	2.2	0.13	1.8	2.6	72	0.4	13.6	5.2	73	0.80		34.815	25.5			
SSW28"	4/14/86		0.14	4.3	0.19	2.7	0.19	2.7	1.8	51	0.5	16.1	5.8	81	0.85		34.612	26.2			
SSW28"	4/19/86		0.12	3.7	0.36	5.0	0.21	2.9	4.8	134	0.5	15.5	4.9	69	0.80		34.634	25.6			
SSW28"	4/26/86		0.12	3.7	0.16	2.2	0.21	2.9	2.2	62	0.5	15.8	5.2	72	0.65		34.712	26.3			
SSW28"	4/30/86		0.16	5.0	0.38	5.3	0.30	4.2	5.5	153	0.4	13.0	5.8	81	0.65		34.648				
SSW28"	5/9/86		0.15	4.6	0.16	2.2	0.24	3.4	2.0	56	0.4	13.3	5.2	72	0.70		34.658				
SSW28"	5/16/86		0.15	4.6	0.25	3.5	0.31	4.3	2.7	77	0.5	13.9	5.4	76	1.35		34.691				
SSW28"	5/25/86		0.14	4.3	0.28	3.9	0.26	3.6	3.3	92	0.5	13.9	5.3	74	0.65		34.655				
SSW28"	5/30/86		0.15	4.6	0.28	3.9	0.29	4.1	3.6	102	0.5	14.2	5.0	69	0.40		34.648				
SSW28"	6/4/86		0.15	4.6	0.22	3.1	0.29	4.1	2.2	61	0.5	14.2	5.0	71	0.60		34.677				
SSW28"	6/13/86		0.15	4.6	0.43	6.0	0.30	4.2	4.9	138	0.5	16.1	5.9	83	0.85		34.614				
SSW28"	6/20/86		0.23	7.1	0.25	3.5	0.09	1.3	2.5	71	0.5	15.8	10.3	145	0.80		34.719				
SSW28"	6/27/86		0.23	7.1	0.15	2.1	0.12	1.7	5.1	142	0.5	15.5	9.0	126	0.60		34.685				
SSW28"	7/3/86		0.16	5.0	0.20	2.8	0.14	2.0	1.9	53	0.5	14.9	5.7	80	1.05		34.899				

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⁻		NO ₃ ⁻ & NO ₂ ⁻		NH ₄ ⁺ & NH ₃		Si		TDP		TDN		TSS (mg/L)	Turbidity (NTU)	SALINITY (PSU)	TEMP (°C)	pH (unit)	DO (ppm)	ORP (mV)
			(μM)	(μg P/L)	(μM)	(μg N/L)	(μM)	(μg N/L)	(μM)	(μg Si/L)	(μM)	(μg P/L)	(μM)	(μg N/L)							
SSW28"	7/12/86		0.17	5.3	0.20	2.8	0.24	3.4	0.2	5	0.5	15.8	5.2	73	0.85		34.790				
SSW28"	7/18/86		0.22	6.8	0.20	2.8	0.24	3.4	2.1	58	0.5	15.5	9.7	136	0.90		34.749				
SSW28"	7/25/86		0.16	5.0	0.22	3.1	0.17	2.4	2.1	58	0.5	14.2	5.6	78	0.70		34.805				
SSW28"	7/31/86		0.17	5.3	0.20	2.8	0.23	3.2	2.2	63	0.5	14.6	5.5	76	1.10		34.695				
SSW28"	8/7/86		0.19	5.9	0.20	2.8	0.33	4.6	1.9	53	0.5	16.1	5.2	72	0.55		34.733				
SSW28"	8/18/86		0.14	4.3	0.10	1.4	0.17	2.4	2.0	57	0.5	14.2	5.0	70	1.25		34.753				
SSW28"	8/28/86		0.15	4.6	0.21	2.9	0.29	4.1	2.2	62	0.5	15.5	5.7	79	1.45		34.749				
SSW28"	9/4/86		0.11	3.4	0.10	1.4	0.22	3.1	1.5	42	0.5	15.5	6.7	93	0.50		34.875				
SSW28"	9/11/86		0.15	4.6	0.21	2.9	0.22	3.1	2.8	78	0.5	14.6	5.7	80	0.40		34.720				
SSW28"	9/17/86		0.14	4.3	0.36	5.0	0.19	2.7	3.2	88	0.4	12.4	5.7	80	0.40		34.716				
SSW28"	9/24/86		0.12	3.7	0.26	3.6	0.19	2.7	1.9	52	0.4	13.3	5.4	75	0.65		34.828				
SSW28"	9/30/86		0.12	3.7	0.10	1.4	0.22	3.1	1.5	42	0.5	14.2	6.7	93	0.65		34.784				
SSW28"	10/9/86		0.11	3.4	0.18	2.5	0.24	3.4	2.0	57	0.4	11.8	5.9	83	1.60		34.730				
SSW28"	10/16/86		0.09	2.8	0.18	2.5	0.23	3.2	1.7	47	0.4	12.1	6.6	92	0.85		34.796				
SSW28"	10/23/86		0.09	2.8	0.13	1.8	0.23	3.2	1.7	47	0.4	13.0	6.2	87	1.65		34.798				
SSW28"	10/30/86		0.11	3.4	0.21	2.9	0.23	3.2	2.0	57	0.4	13.0	6.3	88	1.00		34.840				
SSW28"	11/6/86		0.11	3.4	0.16	2.2	0.25	3.5	1.9	52	0.4	13.0	6.4	89	0.45		34.841				
SSW28"	11/13/86		0.09	2.8	0.13	1.8	0.23	3.2	2.2	62	0.4	13.0	6.0	84	2.55		34.754				
SSW28"	11/20/86		0.11	3.4	0.12	1.7	0.22	3.1	1.9	52	0.4	13.3	6.6	92	0.70		34.792				
SSW28"	11/28/86		0.11	3.4	0.21	2.9	0.23	3.2	2.2	62	0.5	15.5	6.1	85	0.65		34.825				
SSW28"	12/4/86		0.15	4.6	0.21	2.9	0.10	1.4	3.0	83	0.4	13.0	6.6	92	1.05		34.761				
SSW28"	12/11/86		0.09	2.8	0.19	2.7	0.11	1.5	2.6	73	0.4	12.1	5.8	81	1.00		34.930				
SSW28"	12/19/86		0.12	3.7	0.22	3.1	0.11	1.5	2.4	68	0.5	14.2	6.2	87	0.90		34.833				
SSW28"	12/23/86		0.14	4.3	0.30	4.2	0.18	2.5	3.9	109	0.5	14.6	6.2	87	0.65		34.723				
SSW28"	12/30/86		0.15	4.6	0.14	2.0	0.12	1.7	2.2	62	0.5	14.6	5.3	75	0.80		34.678				
SSW28"	1/8/87		0.14	4.3	0.22	3.1	0.15	2.1	2.4	68	0.5	14.2	5.9	83	0.90		34.854	26.0	8.26	6.50	
SSW28"	1/14/87		0.14	4.3	0.25	3.5	0.24	3.4	2.2	62	0.5	15.8	7.3	102	0.85		34.805	25.7	8.22	6.45	
SSW28"	1/21/87		0.14	4.3	0.14	2.0	0.22	3.1	2.0	57	0.5	14.6	6.2	86	0.65		34.797	25.3	8.18	6.51	
SSW28"	1/28/87		0.16	5.0	0.27	3.8	0.22	3.1	2.6	73	0.5	14.9	6.8	96	1.50		34.711	25.6	8.26	7.13	
SSW28"	2/6/87		0.13	4.0	0.15	2.1	0.09	1.3	3.0	83	0.4	12.1	5.5	77	0.80			24.8	8.27	6.90	
SSW28"	2/12/87		0.15	4.6	0.15	2.1	0.12	1.7	1.9	52	0.4	13.3	5.8	81	0.55			24.8	8.21	7.01	
SSW28"	2/19/87		0.15	4.6	0.19	2.7	0.17	2.4	2.4	68	0.5	13.9	5.6	79	0.90			24.7	8.19	6.60	
SSW28"	2/26/87		0.17	5.3	0.28	3.9	0.24	3.4	2.8	78	0.5	14.2	5.9	82	0.80			24.6	8.22	6.68	
SSW28"	3/3/87		0.15	4.6	0.15	2.1	0.21	2.9	2.0	57	0.5	14.6	5.7	79	0.75			24.5	8.19	7.02	
SSW28"	3/10/87		0.13	4.0	0.25	3.5	0.28	3.9	1.9	52	0.5	15.2	5.7	80	0.75			24.5	8.17	6.75	
SSW28"	3/17/87		0.15	4.6	0.25	3.5	0.28	3.9	1.7	47	0.5	16.4	5.8	82	0.75			25.1	8.22	7.07	
SSW28"	3/24/87		0.15	4.6	0.25	3.5	0.33	4.6	1.9	52	0.5	16.7	9.3	130	0.60			25.0	8.16	6.89	
SSW28"	4/3/87		0.23	7.1	0.18	2.5	0.33	4.6	2.5	69	0.6	17.0	5.4	75	0.90		34.581	25.0	8.25	6.64	
SSW28"	4/9/87		0.17	5.3	0.15	2.1	0.23	3.2	3.0	85	0.5	16.4	6.6	92	0.35		34.546	25.1	8.23	6.63	
SSW28"	4/16/87		0.15	4.6	0.21	2.9	0.23	3.2	4.2	117	0.5	14.9	5.5	77	0.85		34.577	25.1	8.24	6.40	
SSW28"	4/21/87		0.13	4.0	0.06	0.8	0.28	3.9	1.3	37	0.5	15.2	6.0	84	0.70		34.748	24.7	8.25	7.05	
SSW28"	4/28/87		0.15	4.6	0.15	2.1	0.28	3.9	2.9	80	0.5	15.8	5.0	70	0.85		34.652	25.2	8.23	7.00	
SSW28"	5/5/87		0.14	4.3	0.14	2.0	0.30	4.2	1.9	53	0.5	15.2	6.0	84	0.85		34.694	24.9	8.22	6.84	
SSW28"	5/12/87		0.16	5.0	0.21	2.9	0.33	4.6	3.2	91	0.5	16.4	5.9	83	0.60		34.623	24.9	8.23	7.16	
SSW28"	5/21/87		0.13	4.0	0.27	3.8	0.30	4.2	3.4	96	0.5	16.4	5.5	77	0.80		34.641	25.5	8.23	6.98	
SSW28"	5/26/87		0.13	4.0	0.15	2.1	0.28	3.9	2.9	80	0.5	14.9	5.1	71	0.60		34.692	25.6	8.24	7.27	
SSW28"	6/2/87		0.13	4.0	0.15	2.1	0.29	4.1	1.3	37	0.5	14.9	5.3	74	0.70		34.553	25.6	8.18	7.07	
SSW28"	6/9/87		0.15	4.6	0.30	4.2	0.17	2.4	4.3	120	0.5	16.1	8.9	125	0.75		34.542	25.9	8.18	7.26	
SSW28"	6/17/87		0.13	4.0	0.22	3.1	0.21	2.9	3.2	90	0.6	17.3	8.7	122	0.60	34.736	26.3	8.20	6.59		
SSW28"	7/2/87		0.13	4.0	0.16	2.2	0.23	3.2	2.3	64	0.5	16.1	9.0	125	0.60	34.644	26.2	8.23	6.44		

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)
SSW28"	7/11/87		0.13	4.0	0.16	2.2	0.23	3.2	2.1	58	0.5	16.7	7.6	107	0.50		34.612	26.7	8.23	8.06	
SSW28"	7/18/87		0.13	4.0	0.19	2.7	0.23	3.2	1.6	45	0.5	16.7	7.4	104	0.85		34.585	26.8	8.23	6.89	
SSW28"	7/28/87		0.12	3.7	0.16	2.2	0.21	2.9	1.9	53	0.5	15.2	7.6	107	0.45		34.673	26.8	8.16	7.08	
SSW28"	7/28/87		0.12	3.7	0.24	3.4	0.21	2.9	2.7	74	0.5	13.9	6.8	95	0.40		34.649	26.8	8.17	7.80	
SSW28"	8/8/87		0.12	3.7	0.19	2.7	0.21	2.9	2.5	69	0.5	15.8	7.2	101	0.40		34.690	28.2	8.21	6.68	
SSW28"	8/15/87		0.12	3.7	0.18	2.5	0.22	3.1	3.5	99	0.5	15.2	5.3	74	0.60		34.772	28.1	8.22	6.64	
SSW28"	8/21/87		0.11	3.4	0.15	2.1	0.24	3.4	2.1	58	0.5	16.1	6.4	89	0.70		34.751	27.6	8.20	6.70	
SSW28"	8/27/87		0.14	4.3	0.21	2.9	0.56	7.8	2.1	58	0.5	16.7	7.2	101	0.55		34.767	28.1	8.21	6.65	
SSW28"	9/4/87		0.14	4.3	0.21	2.9	0.24	3.4	2.6	73	0.5	16.7	5.7	80	0.65		34.764	28.5	8.23	6.85	
SSW28"	9/11/87		0.12	3.7	0.32	4.5	0.22	3.1	3.2	89	0.5	16.1	5.9	82	0.45		34.704	28.1	8.21	6.85	
SSW28"	9/18/87		0.10	3.1	0.12	1.7	0.24	3.4	1.5	42	0.4	13.0	5.4	76	0.65		34.887	27.4	8.23	6.74	
SSW28"	9/26/87		0.15	4.6	0.26	3.6	0.35	4.9	2.6	73	0.5	15.5	6.6	92	0.60		34.725	28.1	8.25	6.96	
SSW28"	10/3/87		0.11	3.4	0.21	2.9	0.27	3.8	2.6	73	0.5	14.9	5.4	76	0.65		34.902	28.2	8.28	6.80	
SSW28"	10/9/87		0.11	3.4	0.23	3.2	0.27	3.8	2.6	73	0.4	13.3	5.9	82	0.45		34.842	27.7	8.22	6.64	
SSW28"	10/16/87		0.12	3.7	0.26	3.6	0.18	2.5	1.7	47	0.5	15.2	5.0	70	0.50		34.799	27.9	8.28	6.79	
SSW28"	10/22/87		0.13	4.0	0.24	3.4	0.20	2.8	2.0	57	0.5	14.9	5.5	77	0.50		34.747	27.5	8.25	6.72	
SSW28"	10/29/87		0.15	4.6	0.35	4.9	0.32	4.5	2.4	68	0.5	14.9	5.6	79	0.50		34.817	27.7	8.24	6.92	
SSW28"	11/6/87		0.12	3.7	0.16	2.2	0.18	2.5	2.4	68	0.5	15.2	4.8	67	1.10		34.824	27.5	8.21	7.01	
SSW28"	11/13/87		0.13	4.0	0.27	3.8	0.18	2.5	3.2	88	0.5	16.4	5.9	83	1.15		34.766	27.4	8.24	6.59	
SSW28"	11/21/87		0.17	5.3	0.27	3.8	0.20	2.8	2.6	73	0.6	18.6	5.1	71	0.85		34.779	26.8	8.23	6.73	
SSW28"	11/26/87		0.15	4.6	0.30	4.2	0.23	3.2	2.2	62	0.6	18.3	4.9	69	4.50		34.765	27.2	8.25	7.28	
SSW28"	12/3/87		0.15	4.6	0.27	3.8	0.23	3.2	3.7	104	0.5	15.2	5.0	70	1.00		34.752	26.6	8.27	6.98	
SSW28"	12/12/87		0.12	3.7	0.24	3.4	0.23	3.2	2.2	62	0.5	14.2	4.8	67	1.00		34.799	27.7	8.25	7.08	
SSW28"	12/20/87		0.11	3.4	0.35	4.9	0.25	3.5	2.4	68	0.4	13.0	4.9	69	2.00		34.833	25.4	8.28	7.08	
SSW28"	12/24/87		0.13	4.0	0.57	8.0	0.32	4.5	4.3	120	0.5	14.2	5.2	73	0.10		34.774	25.3	8.27	7.17	
SSW28"	12/31/87		0.12	3.7	0.43	6.0	0.31	4.3	3.8	107	0.5	13.9	4.9	69	0.40		34.806	25.6	8.24	7.13	
SSW28"	1/13/88		0.13	4.0	0.22	3.1	0.17	2.4	1.7	47	0.5	14.9	4.8	67	0.35		34.762	25.9	8.24	6.97	
SSW28"	1/22/88		0.16	5.0	0.27	3.8	0.20	2.8	2.1	58	0.5	14.9	5.2	72	0.30		34.796	25.2	8.25	7.10	
SSW28"	1/29/88		0.13	4.0	0.27	3.8	0.17	2.4	1.7	47	0.5	16.4	4.9	69	0.55		34.820	25.2	8.28	7.07	
SSW28"	2/5/88		0.15	4.6	0.32	4.5	0.19	2.7	2.4	68	0.5	16.7	4.8	67	0.45		34.806	25.3	8.25	7.07	
SSW28"	2/12/88		0.15	4.6	0.30	4.2	0.22	3.1	2.6	73	0.5	16.7	4.6	64	0.60		34.747	25.8	8.22	7.09	
SSW28"	2/21/88		0.13	4.0	0.25	3.5	0.17	2.4	1.5	42	0.5	16.4	4.7	66	0.65		34.831	25.7	8.27	7.05	
SSW28"	2/26/88		0.19	5.9	0.35	4.9	0.20	2.8	2.8	78	0.6	17.7	4.8	68	0.95		34.577	25.6	8.27	7.17	
SSW28"	3/6/88		0.19	5.9	0.31	4.3	0.15	2.1	2.2	63	0.5	16.1	4.7	65	0.60		34.509	25.3	8.18	7.33	
SSW28"	3/11/88		0.19	5.9	0.34	4.8	0.07	1.0	3.8	106	0.4	11.2	4.9	68	0.55		34.473	25.6	8.25	7.10	
SSW28"	3/18/88		0.16	5.0	0.26	3.6	0.07	1.0	6.8	190	0.3	10.5	4.8	68	0.70		34.618	25.8	8.27	7.02	
SSW28"	3/25/88		0.18	5.6	0.34	4.8	0.07	1.0	3.6	101	0.4	10.8	6.2	87	4.70		34.642	25.5	8.26	7.35	
SSW28"	3/31/88		0.14	4.3	0.23	3.2	0.07	1.0	3.0	84	0.3	9.6	4.7	66	0.80		34.736	25.7	8.27	8.88	
SSW28"	4/8/88		0.15	4.6	0.26	3.6	0.07	1.0	2.2	62	0.3	9.9	4.8	67	0.55		34.807	25.6	8.24	7.16	
SSW28"	4/18/88		0.18	5.6	0.23	3.2	0.09	1.3	1.6	45	0.4	10.8	4.9	69	0.55		34.650	25.7	8.25	7.27	
SSW28"	4/22/88		0.19	5.9	0.18	2.5	0.14	2.0	0.8	22	0.3	9.9	4.8	67	0.60		34.627	25.6	8.29	7.38	
SSW28"	4/29/88		0.18	5.6	0.21	2.9	0.12	1.7	1.6	45	0.4	10.8	5.1	71	0.45		34.644	25.2	8.26	7.00	
SSW28"	5/6/88		0.18	5.6	0.31	4.3	0.07	1.0	1.2	34	0.4	10.8	5.2	73	1.40			25.5	8.24	7.08	
SSW28"	5/23/88		0.37	11.5	0.03	0.4	0.19	2.7			0.5	14.6	7.2	101	2.15		34.662	26.1	8.43	7.23	
SSW28"	5/28/88		0.13	4.0	0.03	0.4	0.13	1.8	2.2	62	0.3	9.9	5.4	76	2.00		34.684	25.7	8.16	7.18	
SSW28"	6/5/88		0.13	4.0	0.12	1.7	0.15	2.1	3.2	90	0.3	10.5	6.0	84	3.95		34.606	26.1	8.13	7.01	
SSW28"	6/9/88		0.12	3.7	0.29	4.1	0.32	4.5	3.8	108	0.3	9.6	5.9	83	1.20		34.602	26.4	8.12	7.20	
SSW28"	6/19/88		0.13	4.0	0.06	0.8	0.21	2.9	2.2	62	0.3	9.6	5.1	72	5.05		34.673	26.1	8.12	7.26	
SSW28"	6/24/88		0.13	4.0	0.17	2.4	0.34	4.8	1.6	45	0.3	9.6	5.6	78	1.50		34.730	25.8	8.13	7.08	
SSW28"	7/5/88		0.19	5.9	0.23	3.2	0.34	4.8	1.8	51	0.4	11.5	6.9	97	11.30		34.711	26.1	8.26	6.99	

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)
SSW28"	7/28/88		0.12	3.7	0.17	2.4	0.14	2.0	2.8	80	0.4	11.2	5.0	70	1.25		34.694	26.3	8.25	6.82	
SSW28"	8/6/88		0.14	4.3	0.23	3.2	0.16	2.2	2.6	74	0.4	11.5	5.6	78	0.90		34.692	26.4	8.21	5.91	
SSW28"	8/16/88		0.14	4.3	0.42	5.9	0.11	1.5	4.3	119	0.4	11.2	5.2	73	0.75		34.621	26.7	8.22	7.31	
SSW28"	8/31/88		0.16	5.0	0.37	5.2	0.17	2.4	3.9	108	0.4	13.6	6.3	88			34.765	27.2	8.27	6.82	
SSW28"	9/2/88		0.12	3.7	0.42	5.9	0.18	2.5	1.8	51	0.3	10.2	5.4	75							
SSW28"	9/2/88		0.12	3.7	0.30	4.2	0.20	2.8	1.4	40	0.3	10.2	5.3	74							
SSW28"	9/9/88		0.20	6.2	0.38	5.3	0.23	3.2	2.3	64	0.4	12.1	5.8	82	0.65		34.802	27.3	8.24		
SSW28"	9/10/88		0.18	5.6	0.43	6.0	0.14	2.0	2.1	59	0.4	10.8	5.1	71	1.00		34.799	27.0	8.26		
SSW28"	9/15/88		0.15	4.6	0.41	5.7	0.14	2.0	2.7	76	0.3	10.2	5.0	70	1.25		34.797	27.4	7.97	7.31	
SSW28"	9/23/88		0.14	4.3	0.14	2.0	0.08	1.1	1.7	47	0.4	10.8	5.4	76	1.25		34.870	27.2	8.10	6.77	
SSW28"	9/30/88		0.16	5.0	0.57	8.0	0.21	2.9	2.3	64	0.4	11.5	6.2	86	1.45		34.843	27.4	8.14	6.77	
SSW28"	10/7/88		0.16	5.0	0.48	6.7	0.21	2.9	2.7	76	0.4	11.2	5.2	73	0.55		34.767	27.2	8.35	6.79	
SSW28"	10/14/88		0.15	4.6	0.37	5.2	0.21	2.9	1.9	53	0.4	11.2	5.1	71	0.80		34.823	27.9	8.30	6.67	
SSW28"	10/21/88		0.20	6.2	0.28	3.9	0.24	3.4	1.5	42	0.4	12.1	5.5	78	1.40		34.539	27.5	8.23	6.75	
SSW28"	10/28/88		0.21	6.5	0.24	3.4	0.27	3.8	1.1	31	0.4	12.1	5.0	69	2.55		34.447	27.8	8.22	6.67	
SSW28"	11/4/88		0.25	7.7	0.35	4.9	0.08	1.1	2.2	62	0.4	12.4	6.0	84	0.95		34.451	26.9	8.18	6.72	
SSW28"	11/9/88		0.19	5.9	0.37	5.2	0.06	0.8	1.8	50	0.4	11.2	5.1	72	0.75		34.595	27.4	8.20	6.71	
SSW28"	11/18/88		0.15	4.6	0.37	5.2	0.11	1.5	1.6	45	0.3	10.2	5.3	75	0.70		34.797	26.9	8.22	6.83	
SSW28"	11/25/88		0.20	6.2	0.41	5.7	0.03	0.4	1.8	50	0.4	11.5	5.0	70	0.70		34.588	26.5	8.22	6.85	
SSW28"	12/2/88		0.16	5.0	0.41	5.7	0.03	0.4	2.4	67	0.4	12.7	4.7	66	0.50		34.699	26.6	8.24	6.89	
SSW28"	12/9/88		0.12	3.7	0.35	4.9	0.11	1.5	1.6	45	0.3	9.0	4.2	58	0.75		34.871	26.3	8.28	6.56	
SSW28"	12/16/88		0.14	4.3	0.59	8.3	0.11	1.5	2.4	67	0.3	9.9	5.0	70	0.85		34.830	27.0	8.25	6.97	
SSW28"	12/23/88		0.15	4.6	0.43	6.0	0.06	0.8	2.2	62	0.3	9.3	4.2	59	1.05		34.734	26.2	8.26	6.97	
SSW28"	1/4/89		0.15	4.6	0.07	1.0	0.04	0.6	1.2	35	0.3	10.2	5.8	82	0.90		34.645	25.5	8.25	6.96	
SSW28"	1/12/89		0.16	5.0	0.16	2.2	0.07	1.0	1.6	46	0.3	10.5	6.1	85	0.70		34.551	25.2	8.23	6.97	
SSW28"	1/20/89		0.16	5.0	0.16	2.2	0.09	1.3	2.0	57	0.3	10.5	6.5	91	1.05		34.456	24.5	8.22	6.82	
SSW28"	1/27/89		0.18	5.6	0.25	3.5	0.09	1.3	2.6	74	0.4	11.2	6.8	95	1.05		34.398	24.5	8.24	6.90	
SSW28"	2/1/89		0.18	5.6	0.12	1.7	0.11	1.5	1.4	40	0.4	11.5	5.6	79	0.75		34.214	25.2	8.25	6.39	
SSW28"	2/7/89		0.18	5.6	0.18	2.5	0.11	1.5	2.0	57	0.4	11.5	6.2	87	0.70		34.280	25.6	8.23	6.87	
SSW28"	2/15/89		0.18	5.6	0.21	2.9	0.09	1.3	2.2	62	0.4	11.2	5.9	83	0.90		34.283	25.0	8.24	6.89	
SSW28"	2/21/89		0.18	5.6	0.14	2.0	0.09	1.3	2.2	62	0.4	11.2	6.0	84	0.75		34.308	25.2	8.26	6.73	
SSW28"	2/27/89		0.19	5.9	0.30	4.2	0.11	1.5	2.8	79	0.4	11.5	5.4	75	0.85		34.271	24.9	8.24	6.77	
SSW28"	3/6/89		0.19	5.9	0.52	7.3	0.16	2.2	2.8	79	0.3	10.5	5.8	82	0.60		34.349	25.2	8.25	7.22	
SSW28"	3/13/89		0.20	6.2	0.47	6.6	0.41	5.7	2.4	67	0.4	11.5	5.8	81	1.05		34.281	25.2	8.20	7.12	
SSW28"	3/20/89		0.19	5.9	0.28	3.9	0.09	1.3	2.0	56	0.4	10.8	5.3	74	1.55		34.397	25.5	8.24	7.03	
SSW28"	3/28/89		0.16	5.0	0.40	5.6	0.11	1.5	3.0	84	0.3	10.5	5.0	70	0.80		34.343	25.3	8.25	7.06	
SSW28"	4/4/89		0.20	6.2	0.80	11.2	0.16	2.2	3.4	95	0.4	11.5	5.9	82	0.65		34.163	25.8	8.19	6.85	
SSW28"	4/10/89		0.19	5.9	0.59	8.3	0.20	2.8	3.2	90	0.4	11.5	5.7	80	0.95		34.217	25.5	8.23	6.93	
SSW28"	4/18/89		0.19	5.9	0.42	5.9	0.20	2.8	3.4	95	0.4	11.8	6.2	87	0.75		34.238	25.2	8.24	6.96	
SSW28"	4/24/89		0.23	7.1	0.35	4.9	0.08	1.1	1.6	44	0.4	11.8	4.8	67	0.70		34.228	25.8	8.24	6.94	
SSW28"	5/1/89		0.20	6.2	0.33	4.6	0.13	1.8	2.6	72	0.3	10.5	5.4	76	0.47		34.377	25.5	8.23	7.23	
SSW28"	5/8/89		0.22	6.8	0.26	3.6	0.16	2.2	2.6	72	0.4	11.8	5.8	81	0.75		34.391	25.5	8.25	6.76	
SSW28"	5/15/89		0.19	5.9	0.28	3.9	0.08	1.1	1.6	44	0.4	11.5	6.0	84			34.426	25.7	8.25	7.00	
SSW28"	5/22/89		0.19	5.9	0.24	3.4	0.11	1.5	1.6	44	0.4	12.1	7.7	108			34.384	25.9	8.23	7.09	
SSW28"	5/30/89		0.20	6.2	0.28	3.9	0.11	1.5	2.2	61	0.4	11.8	6.6	92			34.350	26.2	8.26	7.07	
SSW28"	6/5/89		0.23	7.1	0.28	3.9	0.08	1.1	2.0	55	0.4	12.1	5.3	75			34.386	26.2	8.22	7.00	
SSW28"	6/13/89		0.22	6.8	0.33	4.6	0.05	0.7	1.8	50	0.4	11.8	4.8	67			34.405	26.2	8.23	6.94	
SSW28"	6/19/89		0.22	6.8	0.31	4.3	0.11	1.5	2.8	78	0.4	12.1	5.9	82			34.401	26.4		6.94	
SSW28"	6/26/89		0.19	5.9	0.28	3.9	0.13	1.8	2.2	61	0.4	12.7	6.4	90			34.445	26.6		7.03	
SSW28"	7/3/89		0.20	6.2	0.17	2.4	0.10	1.4	1.9	54	0.4	12.1	4.9	69			34.500	26.4		6.96	

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)
SSW28"	7/10/89		0.22	6.8	0.22	3.1	0.12	1.7	2.7	76	0.4	12.1	4.8	67			34.458	26.6		6.92	
SSW28"	7/17/89		0.20	6.2	0.24	3.4	0.15	2.1	2.7	76	0.4	12.4	4.8	67			34.545	26.7		7.10	
SSW28"	7/24/89		0.21	6.5	0.28	3.9	0.15	2.1	2.9	81	0.4	11.7	5.0	69			34.531	26.9	8.24	6.89	
SSW28"	8/1/89		0.21	6.5	0.54	7.6	0.19	2.7	4.6	129	0.4	12.1	5.8	81			34.418	27.5	8.25	6.83	
SSW28"	8/7/89		0.22	6.8	0.32	4.5	0.19	2.7	4.0	113	0.4	13.0	7.9	111			34.502	27.1	8.26	5.86	
SSW28"	8/14/89		0.22	6.8	0.40	5.6	0.19	2.7	2.8	78	0.4	13.3	5.4	75			34.557	27.0	8.23	5.64	
SSW28"	8/21/89		0.21	6.5	0.26	3.6	0.12	1.7	1.6	44	0.4	13.0	4.9	69			34.670		8.25	5.90	
SSW28"	8/31/89		0.18	5.6	0.44	6.2	0.10	1.4	2.9	80	0.4	11.8	5.1	72			34.636		8.25	5.93	
SSW28"	9/5/89		0.19	5.9	0.46	6.4	0.08	1.1	2.6	74	0.4	10.8	6.3	88			34.620	27.5	8.25	5.86	
SSW28"	9/11/89		0.18	5.6	0.30	4.2	0.08	1.1	2.2	63	0.4	11.8	5.8	82			34.667	26.8	8.26	5.90	
SSW28"	9/19/89		0.18	5.6	0.33	4.6	0.08	1.1	2.0	57	0.4	10.8	6.1	86			34.706	26.9	8.26	6.76	
SSW28"	9/27/89		0.18	5.6	0.30	4.2	0.08	1.1	1.8	51	0.4	11.8	5.8	82			34.700	27.2	8.25	6.86	
SSW28"	10/3/89		0.15	4.6	0.41	5.7	0.10	1.4	1.8	51	0.3	10.5	4.4	61			34.738	27.3	8.24	7.23	
SSW28"	10/9/89		0.14	4.3	0.28	3.9	0.08	1.1	2.0	57	0.3	10.2	4.3	60			34.704	27.6	8.22	7.32	
SSW28"	10/16/89		0.12	3.7	0.22	3.1	0.10	1.4	1.0	29	0.3	9.6	3.9	54			34.649	27.5	8.56	6.84	
SSW28"	10/23/89		0.14	4.3	0.37	5.2	0.10	1.4	1.6	46	0.3	10.2	4.9	69			34.682	27.3	8.25	6.80	
SSW28"	11/1/89		0.14	4.3	0.22	3.1	0.08	1.1	1.4	40	0.3	10.5	4.0	56			34.749	26.9	8.21	7.12	
SSW28"	11/9/89		0.14	4.3	0.17	2.4	0.06	0.8	1.6	46	0.3	9.3	4.4	61			34.812	26.7	8.25	6.77	
SSW28"	11/13/89		0.15	4.6	0.31	4.3	0.09	1.3	2.7	74	0.3	9.3	4.5	63			34.885	26.6	8.26	6.67	
SSW28"	11/20/89		0.14	4.3	0.21	2.9	0.13	1.8	2.2	63	0.3	9.3	5.2	72			34.541	26.9	8.26	6.99	
SSW28"	11/27/89		0.14	4.3	0.24	3.4	0.21	2.9	2.5	69	0.3	9.0	5.2	72			34.833	24.5	8.23	6.76	
SSW28"	12/7/89		0.15	4.6	0.26	3.6	0.17	2.4	2.2	63	0.3	9.3	4.9	69	0.61		34.895	26.5	8.24	6.94	
SSW28"	12/14/89		0.15	4.6	0.24	3.4	0.19	2.7	3.3	92	0.3	9.3	6.0	84	1.22		34.926	24.8	8.23	7.40	
SSW28"	12/18/98		0.14	4.3	0.21	2.9	0.21	2.9	2.5	69	0.3	9.0	4.7	65	0.10		34.921	25.5	8.24	7.62	
SSW28"	12/26/89		0.14	4.3	0.19	2.7	0.17	2.4	2.9	80	0.3	9.0	4.9	69	0.92		34.930	25.6	8.25	8.09	
SSW28"	1/4/90		0.14	4.3	0.24	3.4	0.15	2.1	2.2	63	0.3	9.0	4.6	65	0.60		34.933	25.9	8.23	7.73	
SSW28"	1/12/90		0.23	7.1	0.49	6.9	0.08	1.1	2.7	77	0.3	8.7	4.0	56	1.01		34.960	25.3	8.25	7.73	
SSW28"	1/18/90		0.23	7.1	1.88	26.3	0.23	3.2	14.7	413	0.3	8.7	5.6	78	1.01		34.881	25.7	8.23	7.63	
SSW28"	1/22/90		0.20	6.2	0.50	7.0	0.05	0.7	2.7	75	0.2	7.1	2.9	41	0.59		34.848	24.9	8.23	7.69	
SSW28"	2/1/90		0.18	5.6	0.36	5.0	0.05	0.7	2.2	61	0.2	7.4	2.7	37	0.85		34.385	25.7	8.23	7.13	
SSW28"	2/8/90		0.18	5.6	0.46	6.4	0.05	0.7	2.8	79	0.3	8.7	3.0	42	0.48		34.579	25.2	8.24	7.09	
SSW28"	2/15/90		0.20	6.2	0.45	6.3	0.05	0.7	3.2	89	0.4	12.1	3.0	42	1.01		34.561	25.6	8.24	7.17	
SSW28"	2/20/90		0.22	6.8	0.52	7.3	0.05	0.7	3.1	86	0.4	11.2	4.0	55	0.41		34.852	24.8	8.24	7.29	
SSW28"	2/26/90		0.21	6.5	0.52	7.3	0.05	0.7	3.3	93	0.3	8.7	3.8	53	0.44		34.744	24.5	8.23	7.17	
SSW28"	3/8/90		0.20	6.2	2.77	38.8	0.05	0.7	26.0	730	0.4	11.5	7.1	99	0.15		34.598	24.2	8.24	7.09	
SSW28"	3/13/90		0.21	6.5	0.52	7.3	0.05	0.7	2.9	82	0.3	9.3	3.9	55	0.30		34.628	24.8	8.23	7.12	
SSW28"	3/21/90		0.20	6.2	0.52	7.3	0.05	0.7	2.9	82	0.4	11.2	4.0	56	0.23		34.641	24.6	8.26	7.09	
SSW28"	3/27/90		0.20	6.2	0.47	6.6	0.05	0.7	2.9	82	0.5	14.2	3.4	47	0.30		34.729	24.5	8.25	7.19	
SSW28"	4/2/90		0.03	0.9	0.12	1.7	0.26	3.6	3.3	91	0.3	10.2	4.0	56	0.34		34.512	25.1	8.25	7.03	
SSW28"	4/9/90		0.05	1.5	0.17	2.4	0.23	3.2	3.1	87	0.3	9.3	4.4	61	0.19		34.549	25.1	8.24	7.01	
SSW28"	4/16/90		0.01	0.3	0.02	0.2	0.15	2.1	2.4	68	0.4	11.2	4.2	58	0.42		34.665	25.5	8.28	6.97	
SSW28"	4/23/90		0.17	5.3	0.20	2.8	0.01	0.1	1.5	41	0.5	15.5	5.8	81	0.33		34.480	25.8	8.25	6.32	
SSW28"	4/30/90		0.16	5.0	0.23	3.2	0.01	0.1	1.5	41	0.5	14.6	6.8	96	0.19		34.749	25.8	8.23	6.44	
SSW28"	5/7/90		0.16	5.0	0.24	3.4	0.09	1.3	2.4	68	0.5	13.9	5.9	83	0.52		34.679	26.1	8.28	6.39	
SSW28"	5/14/90		0.16	5.0	0.29	4.1	0.09	1.3	1.9	54	0.5	14.6	6.8	96	0.70		34.769	25.8	8.26	6.47	
SSW28"	5/21/90		0.16	5.0	0.26	3.6	0.18	2.5	2.6	72	0.5	14.6	6.5	90	0.54		34.759	25.2	8.32	6.82	
SSW28"	5/29/90		0.16	5.0	0.25	3.5	0.18	2.5	2.0	56	0.5	16.1	6.3	89	1.06		34.649	26.3	8.30	6.85	
SSW28"	6/4/90		0.16	5.0	0.29	4.1	0.27	3.8	2.1	60	0.5	14.6	7.0	98	0.69		34.706	25.9	8.30	6.76	
SSW28"	6/11/90		0.03	0.9	0.14	2.0	0.37	5.2	1.9	53	0.1	1.9	9.8	138	1.40		34.659	26.1	8.32	6.64	
SSW28"	6/18/90		0.08	2.5	0.24	3.4	0.37	5.2	3.0	83	0.1	3.4	2.6	36	0.12		34.627	26.2	8.31	6.44	

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)
SSW28"	6/25/90		0.05	1.5	0.22	3.1	0.44	6.2	2.3	63	0.1	3.4	3.1	43	0.89		34.688	26.4	8.31	6.57	
SSW28"	7/2/90		0.08	2.5	0.17	2.4	0.37	5.2	1.9	53	0.1	3.4	3.3	46	0.37		34.734	26.3	8.29	6.60	
SSW28"	7/6/90		0.08	2.5	0.20	2.8	0.40	5.6	2.6	73	0.1	4.0	3.3	46	0.53		34.744	26.0	8.30	6.60	
SSW28"	7/13/90		0.10	3.1	0.14	2.0	0.44	6.2	2.0	57	0.1	3.4	2.9	41	0.51		34.714	26.4	8.29	6.76	
SSW28"	7/23/90		0.08	2.5	0.11	1.5	0.37	5.2	2.3	63	0.1	3.4	3.7	52	0.53		34.727	26.8	8.30	6.44	
SSW28"	7/30/90		0.05	1.5	0.14	2.0	0.37	5.2	1.8	52	0.1	4.0	5.7	80	0.32		34.700	27.5	8.27	6.39	
SSW28"	8/6/90		0.10	3.1	0.20	2.8	0.59	8.3	1.8	50	0.4	13.6	3.4	47	0.32		34.686	27.7	8.29	6.33	
SSW28"	8/13/90		0.14	4.3	0.20	2.8	0.43	6.0	2.0	55	0.4	13.0	3.1	43	0.49		34.751	27.4	8.28	6.43	
SSW28"	8/20/90		0.09	2.8	0.15	2.1	0.51	7.1	1.8	50	0.4	13.0	3.4	48	0.58		34.735	27.6	8.29	6.55	
SSW28"	8/27/90		0.09	2.8	0.20	2.8	0.43	6.0	2.1	60	0.4	11.8	2.7	38	0.61		34.735	27.9	8.28	6.40	
SSW28"	9/4/90		0.13	4.0	0.33	4.6	0.51	7.1	3.1	87	0.4	13.0	2.8	39	0.72		34.764	28.1	8.27	6.71	
SSW28"	9/10/90		0.14	4.3	0.20	2.8	0.59	8.3	4.0	113	0.4	13.0	2.7	38	0.69		34.789	27.9	8.29	7.39	
SSW28"	9/17/90		0.14	4.3	0.25	3.5	0.51	7.1	2.2	63	0.4	13.6	4.0	56	0.62		34.756	28.4	8.26	6.64	
SSW28"	9/24/90		0.13	4.0	0.23	3.2	0.51	7.1	2.4	66	0.4	12.1	3.7	51	0.74		34.770	28.3	8.28	6.46	
SSW28"	10/1/90		0.13	4.0	0.23	3.2	0.51	7.1	1.8	50	0.5	13.9	3.9	55	0.81		34.790	27.9	8.28	6.57	
SSW28"	10/10/90		0.14	4.3	0.25	3.5	0.75	10.5	2.5	69	0.4	11.8	3.7	51	0.58		34.786	27.9	8.29	6.40	
SSW28"	10/15/90		0.18	5.6	0.67	9.4	1.23	17.2	2.5	69	0.5	13.9	4.0	56	0.69		34.779	28.0	8.24	6.16	
SSW28"	10/22/90		0.09	2.8	0.20	2.8	0.43	6.0	2.7	77	0.4	13.0	3.3	47	0.65		34.846	27.4	8.27	6.54	
SSW28"	10/29/90		0.10	3.1	0.42	5.9	0.15	2.2	3.6	100	0.2	5.0	5.0	70	0.77		34.899	27.2	8.27	6.23	
SSW28"	11/5/90		0.08	2.5	0.17	2.4	0.08	1.1	2.1	58	0.1	3.4	3.8	54	0.75		34.882	27.4	8.27	6.36	
SSW28"	11/13/90		0.05	1.5	0.12	1.7	0.26	3.6	2.5	70	0.3	9.3	3.4	47	0.67		34.990	26.4	8.25	6.23	
SSW28"	11/20/90		0.05	1.5	0.12	1.7	0.26	3.6	2.8	78	0.3	10.2	3.4	47	1.11		34.968	25.9	8.28	6.36	
SSW28"	11/28/90		0.05	1.5	0.26	3.6	0.26	3.6	3.6	101	0.3	10.2	3.3	47	2.90		34.861	26.2	8.30	6.28	
SSW28"	12/3/90		0.07	2.2	0.12	1.7	0.20	2.8	4.4	124	0.4	11.2	2.9	40	0.91		34.657	26.5	8.29	6.34	
SSW28"	12/11/90		0.09	2.8	0.12	1.7	0.26	3.6	5.9	165	0.4	11.2	3.0	42	0.44		34.631	26.4	8.26	6.41	
SSW28"	12/17/90		0.09	2.8	0.16	2.2	0.26	3.6	3.6	101	0.4	11.2	3.0	42	1.05		34.782	26.4	8.28	6.56	
SSW28"	12/28/90		0.11	3.4	0.14	2.0	0.13	1.8	2.7	76	0.4	12.4	4.8	67	1.08		34.666	25.4	8.29	6.41	
SSW28"	1/2/91		0.08	2.5	0.09	1.3	0.16	2.2	2.2	62	0.4	12.4	3.2	45	0.76		34.740	25.6	8.31	6.57	
SSW28"	1/7/91		0.14	4.3	0.20	2.8	0.18	2.5	2.3	64	0.4	11.2	3.1	43	0.90		34.707	25.5	8.31	6.59	
SSW28"	1/14/91		0.11	3.4	0.09	1.3	0.16	2.2	2.1	58	0.5	14.2	3.3	46	0.97		34.710	25.1	8.29	6.62	
SSW28"	1/24/91		0.06	2.0	0.23	3.2	0.35	4.9	2.4	68	0.3	8.4	2.9	41	1.12		34.741	25.1	8.31	6.60	
SSW28"	1/28/91		0.08	2.5	0.23	3.2	0.38	5.3	2.0	56	0.2	7.1	2.9	41	0.83		34.794	24.9	8.30	6.86	
SSW28"	2/4/91		0.06	1.9	0.10	1.4	0.38	5.3	2.3	64	0.3	9.9	3.1	44	0.89		34.744	25.1	8.30	6.77	
SSW28"	2/11/91		0.10	3.0	0.26	3.6	0.38	5.3	3.0	83	0.3	9.9	3.7	52	0.15		34.748	25.2	8.30	6.83	
SSW28"	2/19/91		0.10	3.1	0.21	2.9	0.38	5.3	2.6	74	0.2	7.4	3.5	49	0.56		34.801	25.2	8.31	6.76	
SSW28"	2/25/91		0.14	4.3	0.33	4.6	0.45	6.3	3.4	96	0.2	7.4	3.1	43	0.29		34.774	25.0	8.29	6.73	
SSW28"	3/4/91		0.14	4.3	0.33	4.6	0.38	5.3	3.3	91	0.2	7.4	3.3	46	1.51		34.820	24.9	8.29	6.86	
SSW28"	3/11/91		0.12	3.7	0.36	5.0	0.40	5.6	2.9	81	0.3	8.7	3.4	47	0.43		34.837	24.8	8.28	6.69	
SSW28"	3/18/91		0.12	3.7	0.39	5.5	0.38	5.3	2.6	74	1.4	43.1	3.5	48	0.25		34.801	23.6	8.27	9.68	
SSW28"	3/27/91		0.14	4.3	0.39	5.5	0.35	4.9	2.6	72	0.2	7.1	2.9	41	0.04		34.738	24.7	8.28	11.10	
SSW28"	4/1/91		0.12	3.7	0.33	4.6	0.35	4.9	2.3	64	0.3	8.7	4.0	56	0.04		34.769	24.5	8.27	10.91	
SSW28"	4/8/91		0.09	2.8	0.19	2.7	0.45	6.3	3.1	88	0.2	6.8	2.8	39	0.19		34.729	24.8	8.28	6.62	
SSW28"	4/15/91		0.09	2.8	0.19	2.7	0.45	6.3	3.4	96	0.3	8.4	3.1	43	0.37		34.645	25.3	8.27	21.72	
SSW28"	4/23/91		0.09	2.8	0.14	2.0	0.48	6.7	2.7	76	0.3	9.3	3.0	43	0.19		34.589	24.9	8.27	12.43	
SSW28"	4/29/91		0.09	2.8	0.19	2.7	0.43	6.0	2.1	59	0.3	8.4	2.6	36	0.13		34.642	25.1	8.29	14.23	
SSW28"	5/6/91		0.09	2.8	0.19	2.7	0.40	5.6	3.0	84	0.3	8.7	3.0	43	0.32		34.630	25.4	8.30	6.61	
SSW28"	5/8/91																			6.45	
SSW28"	5/13/91		0.09	2.8	0.19	2.7	0.39	5.5	2.4	67	0.3	8.7	2.7	38	0.32		34.661	25.3	8.30	6.77	
SSW28"	5/20/91		0.09	2.8	0.06	0.8	0.50	7.0	1.7	48	0.4	11.2	3.3	46	0.49		34.508	26.0	8.30	6.75	
SSW28"	5/28/91		0.07	2.2	0.17	2.4	0.21	2.9	2.3	65	0.3	10.5	4.3	60	0.30		34.590	25.5	8.30	6.64	

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)
SSW28"	6/4/91		0.07	2.2	0.17	2.4	0.24	3.4	3.1	87	0.3	10.5	4.3	60	0.31		34.578	26.1	8.30	6.64	
SSW28"	6/10/91		0.06	1.9	0.19	2.7	0.18	2.5	10.8	303	0.3	10.5	3.6	50	0.47		34.619	25.9	8.28	6.69	
SSW28"	6/17/91		0.06	1.9	0.21	2.9	0.26	3.6	2.9	82	0.3	9.6	3.6	50	0.76		34.633	26.1	8.27	6.58	
SSW28"	6/24/91		0.07	2.2	0.21	2.9	0.21	2.9	3.7	104	0.3	10.5	2.6	37	0.22		34.674	25.9	8.27	6.81	
SSW28"	7/1/91		0.11	3.4	1.57	22.0	0.40	5.6	18.3	514	0.4	13.6	3.0	41	0.23		34.666	26.1	8.27	6.77	
SSW28"	7/9/91		0.07	2.2	0.29	4.1	0.26	3.6	3.5	99	0.4	11.2	5.1	72	0.50		34.643	26.8	8.27	6.65	
SSW28"	7/16/91		0.05	1.5	0.16	2.2	0.22	3.1	2.5	69	0.2	7.4	2.3	32	0.74		34.706	26.4	8.28	6.70	
SSW28"	7/22/91		0.08	2.5	0.12	1.7	0.22	3.1	4.1	115	0.3	9.0	2.4	34	0.64		34.690	26.4	8.28	6.68	
SSW28"	7/26/91		0.08	2.5	0.09	1.3	0.22	3.1	2.0	56	0.3	9.3	2.6	36	0.50		34.646	26.3	8.27	6.74	
SSW28"	8/5/91		0.08	2.5	0.09	1.3	0.25	3.5	1.9	52	0.3	9.0	2.2	30	0.26		34.650	26.4	8.25	6.75	
SSW28"	8/15/91		0.12	3.7	0.21	2.9	0.34	4.8	2.3	65	0.3	10.5	3.9	55	0.42		34.654	26.5	8.28	6.69	
SSW28"	8/21/91		0.06	1.9	0.07	1.0	0.33	4.6	3.5	97	0.2	5.9	5.9	83	0.04		34.606	27.1	8.29	6.55	
SSW28"	8/27/91		0.05	1.5	0.54	7.6	0.15	2.1	4.0	113	0.2	7.1	5.6	79	0.18		34.628	27.0	8.28	6.57	
SSW28"	9/6/91		0.08	2.5	0.27	3.8	0.68	9.5	2.5	69	0.2	5.3	4.0	56	0.13		34.678	26.8	8.26	6.55	
SSW28"	9/13/91		0.03	0.9	0.27	3.8	0.28	3.9	2.9	81	0.2	7.1	2.8	39	0.28		34.813	26.7	8.27	6.34	
SSW28"	9/18/91		0.05	1.5	0.27	3.8	0.42	5.9	3.2	89	0.2	5.3	3.2	44	0.54		34.832	26.9	8.29	6.39	
SSW28"	9/25/91		0.02	0.6	0.20	2.8	0.19	2.7	2.3	65	0.2	5.9	3.0	41	0.45		34.839	27.1	8.24	6.75	
SSW28"	10/1/91		0.05	1.5	0.27	3.8	0.37	5.2	3.5	97	0.2	7.1	3.5	49	0.31		34.725	26.8	8.25	6.40	
SSW28"	10/9/91		0.11	3.4	0.23	3.2	0.14	2.0	2.2	60	0.3	9.0	4.1	58	0.34		34.737	26.9	8.23	7.44	
SSW28"	10/25/91		0.05	1.5	0.18	2.5	0.10	1.4	2.8	79	0.3	9.6	3.1	44	0.47		34.773	27.2	8.25	6.46	
SSW28"	11/4/91		0.03	0.9	0.32	4.5	0.18	2.5	2.5	69	0.3	8.7	4.4	62	0.13		34.777	27.4	8.25	6.55	
SSW28"	11/8/91		0.03	0.9	0.26	3.6	0.20	2.8	2.6	73	0.3	10.5	3.7	52	0.58		34.736	27.1	8.27	6.50	
SSW28"	11/14/91		0.07	2.2	0.21	2.9	0.19	2.7	2.0	55	0.3	9.3	3.3	47	0.33		34.815	26.8	8.26	6.47	
SSW28"	11/22/91		0.07	2.2	0.34	4.8	0.21	2.9	5.3	148	0.3	10.2	3.2	44	0.20		34.854	26.7	8.26	6.52	
SSW28"	11/29/91		0.09	2.8	0.39	5.5	0.25	3.5	12.3	345	0.3	10.2	3.1	43	0.28		34.795	26.6	8.27	6.45	
SSW28"	12/6/91		0.07	2.2	0.17	2.4	0.29	4.1	2.2	60	0.4	10.8	3.0	42	0.25		34.852	26.4	8.26	6.61	
SSW28"	12/12/91		0.14	4.3	3.94	55.2	0.29	4.1	37.4	1050	0.4	12.1	6.9	96	0.25		34.851	26.1	8.26	6.56	
SSW28"	12/19/91		0.09	2.8	0.26	3.6	0.27	3.8	2.4	66	0.3	10.2	4.1	57	0.06		34.784	25.9	8.26	6.70	
SSW28"	12/23/91		0.11	3.4	0.63	8.8	0.43	6.0	4.0	112	0.3	9.6	7.6	106	0.11		34.666	25.9	8.25	6.57	
SSW28"	1/3/92		0.10	3.1	0.63	8.8	0.38	5.3	1.8	49	0.3	9.6	6.7	94	0.19		34.691	25.3	8.28	6.65	
SSW28"	1/10/92		0.08	2.5	0.63	8.8	0.38	5.3	2.3	66	0.3	9.6	6.7	94	0.89		34.740	24.9	8.30	6.71	
SSW28"	1/16/92		0.11	3.4	0.85	11.9	0.38	5.3	2.9	82	0.3	9.6	6.6	92	0.17		34.793	24.6	8.29	7.02	
SSW28"	1/22/92		0.12	3.7	0.15	2.1	0.23	3.2	2.6	74	0.3	9.9	3.3	46	0.23		34.809	24.4	8.32	6.79	
SSW28"	1/30/92		0.15	4.6	0.44	6.2	0.23	3.2	3.5	98	0.3	9.9	4.1	58	0.02		34.508	24.6	8.27	6.94	
SSW28"	2/6/92		0.14	4.3	0.20	2.8	0.21	2.9	2.3	65	0.3	9.6	3.3	46	0.44		34.701	24.2	8.29	6.87	
SSW28"	2/14/92		0.11	3.4	0.24	3.4	0.36	5.0	4.3	121	0.4	12.1	3.5	48	0.33		34.692	24.4	8.27	6.76	
SSW28"	2/20/92		0.14	4.3	0.24	3.4	0.31	4.3	4.1	116	0.4	12.4	3.5	49	0.30		34.674	24.5	8.26	6.84	
SSW28"	2/27/92		0.14	4.3	0.24	3.4	0.36	5.0	2.6	74	0.3	10.2	3.2	44	0.07		34.609	24.1	8.26	6.84	
SSW28"	3/5/92		0.08	2.5	0.09	1.3	0.35	4.9	3.7	104	0.3	9.9	5.1	71	0.23		34.659	24.8	8.27	6.95	
SSW28"	3/12/92		0.15	4.6	0.09	1.3	0.31	4.3	2.2	63	0.3	9.9	4.0	56	0.12		34.185	24.9	8.26	6.85	
SSW28"	3/20/92		0.12	3.7	0.09	1.3	0.31	4.3	2.6	72	0.3	10.2	4.8	67	0.08		34.399	24.2	8.25	6.73	
SSW28"	3/25/92		0.15	4.6	0.09	1.3	0.40	5.6	2.6	72	0.3	10.2	3.6	50	0.14		34.591	24.4	8.27	6.79	
SSW28"	4/2/92		0.12	3.7	0.06	0.8	0.31	4.3	2.1	58	0.4	10.8	4.3	61	0.49		34.571	24.7	8.27	6.80	
SSW28"	4/9/92		0.15	4.6	0.34	4.8	0.33	4.6	2.6	72	0.3	9.9	4.7	65	0.29		34.603	24.5	8.26	6.73	
SSW28"	4/21/92		0.08	2.5	0.24	3.4	0.44	6.2	2.7	76	0.3	9.3	5.4	75	0.30		34.481	25.3	8.25	6.52	
SSW28"	4/24/92		0.07	2.2	0.16	2.2	0.42	5.9	1.7	49	0.3	9.3	5.4	75	0.17		34.452	25.2	8.26	6.60	
SSW28"	5/1/92		0.08	2.5	0.24	3.4	0.49	6.9	2.7	76	0.3	9.3	5.7	80	1.05		34.497	25.5	8.25	6.84	
SSW28"	5/7/92		0.08	2.5	0.24	3.4	0.44	6.2	3.0	84	0.3	9.3	6.4	90	0.68		34.527	25.5	8.26	6.81	
SSW28"	5/15/92		0.08	2.5	0.41	5.7	0.64	9.0	4.1	116	0.3	9.9	8.1	113	0.35		34.514	25.6	8.23	6.71	
SSW28"	5/21/92		0.08	2.5	0.24	3.4	0.44	6.2	2.2	61	0.3	9.3	7.0	98	0.12		34.563	26.4	8.23	6.73	

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)
SSW28"	5/29/92		0.04	1.1	0.24	3.4	0.53	7.4	2.3	65	0.4	10.8	6.4	90	0.18		34.585	25.5	8.26	6.81	
SSW28"	6/4/92		0.05	1.5	0.33	4.6	0.42	5.9	1.9	53	0.4	12.7	9.1	127	0.26		34.625	26.2	8.24	6.81	
SSW28"	6/9/92		0.08	2.5	0.03	0.4	0.43	6.0	2.3	65	0.5	16.4	4.8	67	0.12		34.585	26.0	8.25	6.87	
SSW28"	6/19/92		0.13	4.0	0.15	2.1	0.67	9.4	2.0	57	0.4	11.2	4.8	67	0.40		34.555	26.6	8.25	6.70	
SSW28"	6/25/92		0.19	5.9	0.31	4.3	1.56	21.9	2.4	67	0.2	7.4	3.9	55	0.41		34.656	26.2	8.25	6.83	
SSW28"	7/2/92		0.20	6.2	0.39	5.5	0.66	9.3	2.9	80	0.3	9.6	7.0	98	0.29		34.558	27.1	8.25	6.64	
SSW28"	7/9/92		0.23	7.2	0.27	3.7	0.57	8.0	1.4	40	0.2	7.5	4.3	60	0.12		34.643	26.9	8.26	6.69	
SSW28"	7/16/92		0.13	4.1	0.27	3.7	0.48	6.7	1.3	36	0.4	11.1	5.3	74	0.20		34.633	27.5	8.26	6.52	
SSW28"	7/23/92		0.13	4.1	0.27	3.7	0.44	6.1	1.3	36	0.4	11.6	4.3	60	0.06		34.624	27.8	8.26	6.54	
SSW28"	7/31/92		0.08	2.5	0.20	2.9	0.25	3.5	1.5	42	0.4	12.1	4.7	66	0.04		34.630	27.4	8.21	6.59	
SSW28"	8/6/92		0.08	2.5	0.38	5.3	0.25	3.5	2.2	61	0.3	9.9	4.3	60	0.23		34.661	27.5	8.27	6.45	
SSW28"	8/14/92		0.08	2.5	0.27	3.8	0.25	3.5	1.5	42	0.3	9.6	4.0	55	0.18		34.616	27.0	8.27	6.60	
SSW28"	8/20/92		0.08	2.5	0.34	4.8	0.23	3.2	2.7	76	0.3	9.6	4.1	57	0.47		34.667	27.2	8.27	6.57	
SSW28"	8/27/92		0.08	2.5	0.31	4.3	0.25	3.5	2.0	56	0.3	9.0	4.4	61	0.16		34.707	27.3	8.24	6.60	
SSW28"	9/3/92		0.08	2.5	0.24	3.3	0.25	3.5	3.6	100	0.3	9.6	5.2	73	0.25		34.696	27.2	8.27	6.51	
SSW28"	9/10/92		0.08	2.5	0.24	3.3	0.30	4.2	1.8	50	0.4	12.1	5.9	82	0.26		34.663	27.8	8.26	6.46	
SSW28"	9/17/92		0.13	4.0	0.33	4.6	0.49	6.9	3.2	90	0.4	13.0	6.3	89	0.14		34.608	27.5	8.27	6.28	
SSW28"	9/25/92		0.20	6.2	0.25	3.5	0.44	6.2	3.0	85	0.4	13.0	7.5	105	0.22		34.589	27.8	8.26	6.26	
SSW28"	10/1/92		0.17	5.3	0.18	2.5	0.46	6.4	1.7	48	0.4	12.7	5.9	82	0.18		34.644	27.6	8.28	6.43	
SSW28"	10/8/92		0.17	5.3	0.22	3.1	0.44	6.2	2.1	58	0.4	12.7	7.5	105	0.03		34.642	27.7	8.28	6.28	
SSW28"	10/16/92		0.17	5.3	0.18	2.5	0.51	7.1	2.4	67	0.4	12.7	7.2	101	0.30		34.665	27.8	8.28	6.48	
SSW28"	10/22/92		0.15	4.6	1.46	20.4	0.82	11.5	1.5	42	0.4	13.6	6.5	91	0.51		34.558	27.2	8.27	6.02	
SSW28"	10/29/92		0.08	2.5	0.13	1.8	0.53	7.4	1.7	49	0.4	11.8	4.6	64	0.21		34.653	27.8	8.26	6.53	
SSW28"	11/5/92		0.10	3.1	0.25	3.5	0.55	7.7	1.8	51	0.4	11.8	5.2	73	0.18		34.682	26.9	8.29	6.55	
SSW28"	11/12/92		0.10	3.1	0.23	3.2	0.50	7.0	2.2	61	0.5	15.2	4.4	62	0.15		34.680	27.2	8.28	6.55	
SSW28"	11/19/92		0.13	4.0	0.24	3.4	0.65	9.1	3.2	90	0.3	9.9	4.2	59	0.19		34.701	26.8	8.26	6.50	
SSW28"	11/25/92		0.14	4.3	0.25	3.5	0.67	9.4	3.1	87	0.4	11.5	4.9	69	0.10		34.725	26.1	8.27	6.56	
SSW28"	12/3/92		0.10	3.1	0.23	3.2	0.44	6.2	2.3	63	0.4	11.8	5.0	69	0.03		34.689	26.7	8.26	6.09	
SSW28"	12/10/92		0.09	2.8	0.22	3.1	0.41	5.7	2.7	76	0.3	10.5	5.3	74	0.74		34.726	26.5	8.28	6.82	
SSW28"	12/17/92		0.10	3.1	0.22	3.1	0.47	6.6	2.5	71	0.4	11.5	5.5	77	0.26		34.691	26.2	8.26	6.72	
SSW28"	12/23/92		0.09	2.8	0.24	3.4	0.50	7.0	2.8	79	0.4	12.1	5.2	72	0.22		34.708	25.9	8.29	6.69	
SSW28"	12/30/92		0.11	3.4	0.14	2.0	0.69	9.7			0.5	16.1	5.3	74	0.15		34.729	25.7	8.29	6.75	
SSW28"	1/7/93		0.12	3.7	0.23	3.2	0.43	6.0	3.9	108	0.3	9.9	4.5	62	0.12		34.685	25.1	8.29	6.95	
SSW28"	1/14/93		0.08	2.5	0.19	2.7	0.41	5.7	2.4	68	0.3	8.1	4.7	66	0.20		34.744	24.6	8.26	7.10	
SSW28"	1/21/93		0.08	2.5	0.19	2.7	0.53	7.4	1.9	54	0.3	8.1	4.2	59	0.24		34.749	24.9	8.28	6.92	
SSW28"	1/28/93		0.06	1.9	0.12	1.7	0.43	6.0	2.8	78	0.2	6.2	4.4	61	0.34		34.764	24.6	8.29	7.04	
SSW28"	2/3/93		0.08	2.5	0.17	2.4	0.33	4.6	1.7	46	0.2	6.2	4.3	60	0.17		34.738	24.7	8.28	7.09	
SSW28"	2/11/93		0.11	3.4	0.23	3.2	0.21	2.9	2.6	74	0.3	7.7	4.9	68	0.24		34.735	24.3	8.28	6.94	
SSW28"	2/16/93		0.15	4.6	0.27	3.8	0.37	5.2	2.8	79	0.2	6.2	4.0	55	0.18		34.766	24.3	8.30	7.02	
SSW28"	2/25/93		0.08	2.5	0.23	3.2	0.11	1.5	3.6	102	0.2	6.2	5.4	76	0.46		34.725	24.2	8.29	7.12	
SSW28"	3/3/93		0.08	2.5	0.30	4.2	0.18	2.5	3.0	85	0.2	5.6	3.9	55	1.12		34.738	24.1	8.28	7.03	
SSW28"	3/11/93		0.12	3.7	0.12	1.7	0.28	3.9	2.5	70	0.2	6.8	4.7	66	0.47		34.761	24.3	8.29	6.81	
SSW28"	3/18/93		0.15	4.6	0.22	3.1	0.43	6.0	3.2	89	0.2	4.6	4.4	61	0.04		34.779	24.4	8.29	7.28	
SSW28"	3/24/93		0.14	4.3	0.11	1.5	0.35	4.9	2.3	64	0.2	7.1	5.3	75	0.08		34.764	25.1	8.28	6.97	
SSW28"	4/1/93		0.09	2.8	0.13	1.8	0.16	2.2	2.0	55	0.2	7.1	5.2	72	0.07		34.605	24.5	8.28	6.73	
SSW28"	4/7/93		0.12	3.7	0.15	2.1	0.12	1.7	1.9	54	0.3	9.0	4.8	67	0.59		34.555	24.9	8.31	7.45	
SSW28"	4/15/93		0.09	2.8	0.10	1.4	0.14	2.0	1.8	50	0.3	8.4	4.0	56	0.17		34.698	25.0	8.29	6.94	
SSW28"	4/22/93		0.11	3.4	0.09	1.3	0.16	2.2	2.8	78	0.3	9.0	4.3	60	0.26		34.598	25.1	8.28	6.94	
SSW28"	4/29/93		0.11	3.4	0.10	1.4	0.20	2.8	2.9	82	0.3	8.4	3.8	54	0.01		34.440	25.6	8.27	6.80	
SSW28"	5/6/93		0.10	3.1	0.09	1.3	0.28	3.9	2.4	68	0.3	9.0	4.5	64	0.12		34.661	25.3	8.29	6.93	

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)
SSW28"	5/13/93		0.13	4.0	0.19	2.7	0.28	3.9	4.8	133	0.3	8.1	5.0	70	0.30		34.559	25.4	8.26	6.82	
SSW28"	5/18/93		0.16	5.0	0.15	2.1	0.28	3.9	2.6	74	0.3	10.5	4.1	57	0.18		34.396	25.4	8.28	6.80	
SSW28"	5/27/93		0.14	4.3	0.12	1.7	0.25	3.5	2.4	67	0.4	11.2	4.3	60	0.22		34.448	25.6	8.27	7.12	
SSW28"	6/1/93		0.11	3.4	0.10	1.4	0.29	4.1	2.3	64	0.2	6.8	5.2	73	0.24		34.481	25.6	8.28	6.87	
SSW28"	6/8/93		0.10	3.1	0.23	3.2	0.38	5.3	4.0	113	0.3	8.1	4.6	64	0.28		34.540	26.4	8.27	6.71	
SSW28"	6/16/93		0.10	3.1	0.12	1.7	0.31	4.3	2.1	58	0.3	8.4	3.6	51	0.19		34.585	26.3	8.26	6.72	
SSW28"	6/24/93		0.09	2.8	0.10	1.4	0.31	4.3	1.5	43	0.3	8.4	4.9	68	0.22		34.643	25.8	8.28	6.74	
SSW28"	6/30/93		0.11	3.4	0.46	6.4	0.37	5.2	5.8	163	0.3	9.9	4.5	64	0.29		34.490	26.2	8.25	6.58	
SSW28"	7/6/93		0.13	4.0	0.46	6.4	0.36	5.0	2.5	70	0.3	8.7	6.0	83	0.19		34.495	26.5	8.27	6.64	
SSW28"	7/12/93		0.12	3.7	0.19	2.7	0.48	6.7	2.1	59	0.3	8.1	4.7	66	0.19		34.643	26.1	8.28	6.70	
SSW28"	7/19/93		0.09	2.8	0.22	3.1	0.30	4.2	2.4	68	0.3	8.7	4.6	64	0.23		34.603	26.8	8.28	6.68	
SSW28"	7/30/93		0.12	3.7	0.12	1.7	0.41	5.7	2.2	62	0.3	10.5	1.7	24	0.22		34.595	26.3	8.28	7.08	
SSW28"	8/4/93		0.06	1.9	0.17	2.4	0.28	3.9	2.9	81	0.2	6.5	3.9	54	1.28		34.619	26.1	8.25	6.55	
SSW28"	8/10/93		0.09	2.8	0.17	2.4	0.25	3.5	2.6	73	0.3	8.7	3.9	55	0.47		34.571	26.7	8.26	7.00	
SSW28"	8/18/93		0.12	3.7	0.23	3.2	0.44	6.2	2.2	62	0.3	10.2	3.8	53	0.21		34.565	26.7	8.26	6.81	
SSW28"	8/25/93		0.08	2.5	0.16	2.2	0.27	3.8	2.8	79	0.3	8.4	4.8	67	0.17		34.574	27.4	8.27	6.51	
SSW28"	9/2/93		0.12	3.7	0.16	2.2	0.41	5.7	1.9	53	0.3	9.3	5.2	72	0.08		34.555	27.5	8.26	6.47	
SSW28"	9/9/93		0.11	3.4	0.24	3.4	0.34	4.8	3.1	87	0.3	9.6	5.4	76	0.01		34.546	27.5	8.26	6.48	
SSW28"	9/14/93		0.14	4.3	0.20	2.8	0.25	3.5	2.9	82	0.3	9.9	5.4	75	0.07		34.636	27.1	8.26	6.43	
SSW28"	9/21/93		0.07	2.2	0.27	3.8	0.30	4.2	3.0	85	0.3	8.7	4.8	67	0.05		34.634	27.1	8.25	6.38	
SSW28"	9/28/93		0.07	2.2	0.27	3.8	0.26	3.6	2.2	62	0.2	6.8	5.1	71	0.15		34.725	27.0	8.26	6.39	
SSW28"	10/7/93		0.08	2.5	0.29	4.1	0.33	4.6	2.7	76	0.2	7.1	6.5	90	0.14		34.691	27.4	8.26	6.32	
SSW28"	10/12/93		0.12	3.7	0.20	2.8	0.35	4.9	2.7	76	0.3	9.0	6.1	85	0.24		34.624	27.8	8.28	6.27	
SSW28"	10/19/93		0.11	3.4	0.16	2.2	0.24	3.4	2.4	67	0.2	7.1	5.6	79	0.06		34.657	26.7	8.28	6.40	
SSW28"	10/28/93		0.08	2.5	0.14	2.0	0.40	5.6	1.5	43	0.3	8.4	5.1	71	0.00		34.750	26.1	8.28	6.30	
SSW28"	11/2/93		0.12	3.7	0.10	1.4	0.24	3.4	4.4	122	0.3	8.1	5.1	71	0.14		34.699	27.0	8.27	6.37	
SSW28"	11/9/93		0.08	2.5	0.10	1.4	0.41	5.7	1.9	53	0.3	8.1	5.5	77	0.38		34.751	26.5	8.28	6.34	
SSW28"	11/16/93		0.10	3.1	0.15	2.1	0.21	2.9	2.2	62	0.3	7.7	5.2	73	0.18		34.756	26.1	8.29	6.43	
SSW28"	11/23/93		0.08	2.5	0.10	1.4	0.18	2.5	1.9	53	0.3	8.7	5.0	70	0.01		34.765	26.2	8.28	6.36	
SSW28"	12/1/93		0.13	4.0	0.20	2.8	0.25	3.5	2.4	68	0.3	7.7	5.4	76	0.10		34.798	25.5	8.28	6.40	
SSW28"	12/9/93		0.10	3.1	0.24	3.4	0.10	1.4	2.7	77	0.3	7.7	5.4	76	0.07		34.800	23.7	8.27	6.43	
SSW28"	12/14/93		0.11	3.4	0.24	3.4	0.03	0.4	1.9	54	0.3	9.0	5.2	73	0.00		34.833	24.3	8.29	6.47	
SSW28"	12/20/93		0.11	3.4	0.29	4.1	0.26	3.6	2.1	60	0.3	8.7	6.0	83	0.01		34.857	24.9	8.26	6.54	
SSW28"	12/28/93		0.09	2.8	0.30	4.2	0.52	7.3	2.3	63	0.3	8.7	6.1	86	0.13		34.948	23.3	8.28	6.80	
SSW28"	1/6/94		0.14	4.3	0.44	6.2	0.46	6.4	2.3	65	0.4	11.2	5.8	81	0.26		34.949	23.4	8.28	6.42	
SSW28"	1/12/94		0.12	3.7	0.29	4.1	0.33	4.6	2.9	83	0.3	9.9	6.8	95	0.04		34.926	24.6	8.29	6.58	
SSW28"	1/18/94		0.11	3.4	0.21	2.9	0.08	1.1	2.9	80	0.3	9.9	5.7	80	0.01		34.911	24.3	8.28	6.64	
SSW28"	1/26/94		0.16	5.0	0.32	4.5	0.37	5.2	2.4	67	0.3	9.9	5.6	78	0.17		34.855	23.9	8.27	6.54	
SSW28"	2/2/94		0.15	4.6	0.36	5.0	0.30	4.2	2.6	73	0.3	10.5	6.6	92	0.04		34.461	23.3	8.30	6.66	
SSW28"	2/9/94		0.21	6.5	0.29	4.1	0.28	3.9	2.2	62	0.4	11.2	6.4	90	0.05		34.264	23.2	8.30	6.64	
SSW28"	2/15/94		0.21	6.5	0.25	3.5	0.33	4.6	1.6	45	0.4	11.2	6.3	88	0.03		33.835	23.9	8.28	6.66	
SSW28"	2/24/94		0.15	4.6	0.31	4.3	0.23	3.2	3.3	92	0.3	8.7	5.7	80	0.06		34.355	23.9	8.29	6.70	
SSW28"	3/2/94		0.20	6.2	0.28	3.9	0.15	2.1	0.2	4	0.3	9.9	6.4	90	0.02		34.366	23.1	8.28	6.70	
SSW28"	3/9/94		0.27	8.4	0.38	5.3	0.26	3.6	0.3	7	0.3	10.2	7.1	99	0.10		34.251	26.5	8.23	7.14	
SSW28"	3/17/94		0.21	6.5	0.37	5.2	0.18	2.5	0.2	5	0.4	12.1	5.7	79	0.04		34.408	23.0	8.26	6.66	
SSW28"	3/22/94		0.15	4.6	0.29	4.1	0.12	1.7	0.1	3	0.3	9.3	6.4	90	0.04		34.430	23.2	8.28	6.58	
SSW28"	3/29/94		0.17	5.3	0.13	1.8	0.07	1.0	4.7	133	0.3	9.9	6.3	88	0.03		34.435	24.3	8.24	6.66	
SSW28"	4/5/94		0.15	4.6	0.31	4.3	0.17	2.4	3.4	96	0.4	11.2	6.4	90	0.05		34.373	25.1	8.26	6.84	
SSW28"	4/14/94		0.20	6.2	0.17	2.4	0.17	2.4	10.2	286	0.4	11.5	5.8	81	0.01		34.425	24.6	8.28	6.75	
SSW28"	5/12/94		0.16	5.0	0.30	4.2	0.10	1.4	2.6	74	0.3	10.2	5.7	80	0.05		34.569	26.3	8.30	6.66	

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)
SSW28"	5/17/94		0.14	4.3	0.21	2.9	0.19	2.7	2.3	65	0.4	10.8	6.1	86	0.03		34.530	26.1	8.27	6.50	
SSW28"	5/25/94		0.19	5.9	0.24	3.4	0.19	2.7	3.1	86	0.4	11.8	6.4	90	0.24		34.596	25.4	8.27	6.51	
SSW28"	6/1/94		0.17	5.3	0.42	5.9	0.15	2.1	2.1	60	0.3	9.0	6.6	92	0.13		34.590	25.2	8.25	6.49	
SSW28"	6/7/94		0.17	5.3	0.53	7.4	0.18	2.5	3.3	92	0.4	11.2	6.5	92	0.10		34.588	25.7	8.25	6.38	
SSW28"	6/16/94		0.16	5.0	0.37	5.2	0.09	1.3	2.8	77	0.3	9.9	6.5	91	0.23		34.559	25.8	8.26	6.43	
SSW28"	6/23/94		0.25	7.7	0.26	3.6	0.22	3.1	3.2	89	0.3	10.2	5.8	82	0.01		34.580	26.4	8.25	6.44	
SSW28"	6/29/94		0.15	4.6	0.25	3.5	0.31	4.3	2.4	68	0.3	9.3	6.4	89	0.01		34.645	25.9	8.24	6.40	
SSW28"	7/5/94		0.16	5.0	0.47	6.6	0.20	2.8	3.3	93	0.3	9.9	6.2	87	0.01		34.669	26.2	8.24	6.51	
SSW28"	7/12/94		0.12	3.7	0.43	6.0	0.39	5.5	2.9	81	0.4	12.4	4.9	69	0.07		34.689	26.4	8.24	6.49	
SSW28"	7/19/94		0.10	3.1	0.31	4.3	0.27	3.8	1.0	28	0.3	9.0	6.0	84	0.01		34.563	27.1	8.27	6.52	
SSW28"	7/27/94		0.17	5.3	0.27	3.8	0.53	7.4	9.0	251	0.4	13.0	7.0	98	0.20		34.542	26.3	8.24	6.33	
SSW28"	8/1/94		0.16	5.0	0.66	9.2	0.05	0.7	2.7	75	0.3	9.9	6.6	92	0.13		34.496	25.4	8.25	6.37	
SSW28"	8/10/94		0.17	5.3	0.37	5.2	0.45	6.3	2.4	66	0.4	10.8	6.6	92	0.17		34.554	27.0	8.26	6.32	
SSW28"	8/16/94		0.16	5.0	0.44	6.2	0.14	2.0	3.0	85	0.3	10.2	6.4	89	0.14		34.507	27.1	8.26	6.23	
SSW28"	8/25/94		0.16	5.0	0.29	4.1	0.08	1.1	2.2	62	0.3	10.2	6.0	85	0.12		34.528	26.5	8.26	6.33	
SSW28"	8/30/94		0.17	5.3	0.26	3.6	0.09	1.3	1.8	50	0.3	9.3	5.2	72	0.00		34.511	27.2	8.26	6.27	
SSW28"	9/7/94		0.17	5.3	0.25	3.5	0.25	3.5	2.5	69	0.4	11.5	5.3	74	0.04		34.629	27.6	8.27	6.24	
SSW28"	9/12/94		0.12	3.7	0.44	6.2	0.25	3.5	1.7	49	0.3	9.3	6.0	83	0.01		34.694	27.3	8.26	6.16	
SSW28"	9/20/94		0.13	4.0	0.35	4.9	0.14	2.0	4.8	134	0.3	8.7	5.8	82	0.63		34.660	26.8	8.28	6.16	
SSW28"	9/26/94		0.14	4.3	0.45	6.3	0.11	1.5	3.1	88	0.3	10.5	6.2	87	0.38		34.568	26.9	8.26	6.17	
SSW28"	10/3/94		0.13	4.0	0.36	5.0	0.19	2.7	2.4	69	0.3	9.6	4.9	68	0.07		34.634	27.7	8.27	6.17	
SSW28"	10/11/94		0.15	4.6	0.43	6.0	0.09	1.3	2.0	56	0.3	10.2	4.1	58	0.06		34.597	26.2	8.26	6.15	
SSW28"	10/20/94		0.14	4.3	0.46	6.4	0.09	1.3	1.7	48	0.3	9.9	4.6	64	0.02		34.669	25.8	8.27	6.30	
SSW28"	10/27/94		0.21	6.5	0.55	7.7	0.92	12.9	5.6	158	0.4	13.0	5.5	77	0.01		34.772	25.4	8.24	6.27	
SSW28"	11/3/94		0.17	5.3	0.55	7.7	0.59	8.3	2.3	65	0.4	10.8	6.4	90	0.00		34.709	25.6	8.26	6.16	
SSW28"	11/9/94		0.17	5.3	0.70	9.8	0.66	9.2	2.9	81	0.3	10.2	5.2	73	0.02		34.776	25.1	8.28	6.14	
SSW28"	11/17/94		0.19	5.9	0.33	4.6	0.62	8.7	3.1	87	0.4	11.2	5.9	83	0.22		34.618	25.7	8.25	6.21	
SSW28"	11/23/94		0.17	5.3	0.52	7.3	0.68	9.5	1.8	50	0.4	11.5	6.6	92	0.04		34.661	24.3	8.28	6.46	
SSW28"	11/29/94		0.21	6.5	0.41	5.7	0.68	9.5	2.0	55	0.4	11.5	5.7	79	0.17		34.448	24.4	8.28	6.71	
SSW28"	12/7/94		0.19	5.9	0.39	5.5	0.68	9.5	2.0	56	0.4	12.1	4.8	68	0.01		34.249	24.1	8.25	6.80	
SSW28"	12/12/94		0.20	6.2	0.50	7.0	0.22	3.1	3.3	94	0.4	12.1	5.8	81	0.08		34.331	24.4	8.27	6.77	
SSW28"	12/20/94		0.20	6.2	0.37	5.2	0.16	2.2	2.6	72	0.4	10.8	5.5	77	0.02		34.610	23.9	8.29	6.59	
SSW28"	12/27/94		0.11	3.4	0.36	5.0	0.13	1.8	2.3	65	0.3	9.6	5.4	75	0.02		34.704	23.9	8.29	6.50	
SSW28"	1/3/95		0.18	5.6	0.31	4.3	0.12	1.7	1.8	51	0.4	10.8	4.9	69	0.00		34.422	23.0	8.29	6.42	
SSW28"	1/10/95		0.17	5.3	0.37	5.2	0.15	2.1	2.0	56	0.4	11.5	4.8	67	0.28		34.493	22.6	8.28	6.73	
SSW28"	1/19/95		0.19	5.9	0.43	6.0	0.30	4.2	3.2	90	0.4	11.8	4.8	67	0.54		34.309	22.2	8.28	7.00	
SSW28"	1/26/95		0.24	7.4	0.44	6.2	0.04	0.6	1.9	53	0.4	13.6	5.1	71	0.01		34.392	23.6	8.26	6.78	
SSW28"	1/31/95		0.19	5.9	0.64	9.0	0.26	3.6	2.9	81	0.4	11.8	5.9	83	0.02		34.444	23.9	8.25	6.91	
SSW28"	2/10/95		0.19	5.9	0.58	8.1	0.20	2.8	1.9	54	0.4	11.8	4.1	57	2.18		34.208	21.6	8.25	6.61	
SSW28"	2/16/95		0.22	6.8	0.48	6.7	0.24	3.4	2.4	68	0.4	12.4	5.3	74	0.16		34.133	22.7	8.27	6.40	
SSW28"	2/24/95		0.24	7.4	0.57	8.0	0.20	2.8	2.5	71	0.4	11.8	5.2	72	0.02		34.168	22.7	8.26	6.44	
SSW28"	3/1/95		0.21	6.5	0.32	4.5	0.35	4.9	2.1	60	0.4	11.8	5.6	79	0.01		34.230	24.8	8.28	6.51	
SSW28"	3/7/95		0.23	7.1	0.20	2.8	0.39	5.5	2.1	60	0.4	13.0	5.3	74	0.57		34.159	23.4	8.27	6.78	
SSW28"	3/16/95		0.22	6.8	0.31	4.3	0.16	2.2	2.1	59	0.4	12.1	4.8	68	0.02		34.268	24.3	8.26	6.48	
SSW28"	3/23/95		0.22	6.8	0.25	3.5	0.37	5.2	10.5	294	0.4	13.0	5.9	83	0.48		34.226	24.9	8.25	6.54	
SSW28"	3/28/95		0.20	6.2	0.43	6.0	0.48	6.7	5.7	161	0.4	12.1	5.2	73	0.02		34.186	25.4	8.25	6.35	
SSW28"	4/6/95		0.22	6.8	0.75	10.5	0.47	6.6	3.5	99	0.4	12.1	5.9	83	0.19		34.205	24.9	8.23	6.21	
SSW28"	4/13/95		0.22	6.8	0.98	13.7	0.39	5.5	2.8	78	0.4	11.5	4.9	68	0.00		34.325	25.8	8.22	6.22	
SSW28"	4/20/95		0.19	5.9	0.56	7.8	0.33	4.6	1.9	53	0.4	10.8	5.2	73	0.06		34.430	26.3	8.22	6.34	
SSW28"	4/27/95		0.15	4.6	0.32	4.5	0.27	3.8	2.1	58	0.3	9.6	4.9	69	0.00		34.421	24.9	8.26	6.40	

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)
SSW28"	5/4/95		0.16	5.0	0.96	13.4	0.21	2.9	2.7	76	0.3	10.5	5.4	76	0.02		34.383	26.9	8.21	6.36	
SSW28"	5/12/95		0.17	5.3	0.43	6.0	0.34	4.8	2.0	55	0.3	9.3	5.1	71	0.14		34.425	27.2	8.19	6.57	
SSW28"	5/16/95		0.14	4.3	0.48	6.7	0.35	4.9	1.1	32	0.3	10.2	5.1	72	0.11		34.472	27.0	8.22	6.48	
SSW28"	5/25/95		0.17	5.3	1.01	14.1	0.18	2.5	3.3	91	0.3	9.6	6.0	84	0.10		34.519	24.6	8.23	6.53	
SSW28"	6/1/95		0.16	5.0	0.50	7.0	0.11	1.5	2.3	65	0.3	8.7	4.8	67	0.08		34.439	24.9	8.23	6.62	
SSW28"	6/8/95		0.18	5.6	0.94	13.2	0.20	2.8	2.9	82	0.3	8.7	5.4	76	0.42		34.502	25.4	8.25	6.36	
SSW28"	6/15/95		0.18	5.6	1.08	15.1	0.18	2.5	3.6	100	0.3	8.4	5.5	77	0.05		34.487	25.8	8.23	6.38	
SSW28"	6/22/95		0.16	5.0	0.77	10.8	0.42	5.9	1.9	54	0.3	9.0	5.4	75	0.01		34.482	25.9	8.22	6.50	
SSW28"	6/30/95		0.13	4.0	0.16	2.2	0.46	6.4	2.6	72	0.2	6.8	5.1	72	0.22		34.540	27.1	8.27	6.25	
SSW28"	7/5/95		0.14	4.3	0.16	2.2	0.10	1.4	3.0	85	0.3	10.5	4.5	63	0.10		34.520	26.8	8.26	6.35	
SSW28"	7/12/95		0.12	3.7	0.27	3.8	0.15	2.1	1.8	51	0.3	8.4	4.7	66	0.57		34.489	27.4	8.27	6.22	
SSW28"	7/19/95		0.16	5.0	0.48	6.7	0.14	2.0	3.6	101	0.3	10.5	4.4	62	0.14		34.393	26.8	8.28	6.03	
SSW28"	7/27/95		0.16	5.0	0.75	10.5	0.43	6.0	1.5	42	0.3	9.9	4.6	64	0.12		34.458	26.9	8.26	5.99	
SSW28"	8/2/95		0.16	5.0	0.33	4.6	0.42	5.9	2.6	72	0.3	9.3	4.3	60	0.48		34.479	26.6	8.28	6.16	
SSW28"	8/10/95		0.15	4.6	0.13	1.8	0.39	5.5	1.8	50	0.3	8.1	5.0	69	0.26		34.470	27.1	8.27	6.17	
SSW28"	8/16/95		0.15	4.6	0.44	6.2	0.44	6.2	2.5	70	0.3	9.6	4.7	66	0.34		34.445	27.7	8.27	6.07	
SSW28"	8/24/95		0.15	4.6	0.28	3.9	0.37	5.2	1.1	30	0.3	10.2	4.7	65	0.40		34.508	27.0	8.30	6.03	
SSW28"	8/31/95		0.14	4.3	0.39	5.5	0.31	4.3	1.8	51	0.3	7.7	4.9	69	0.00		34.574	27.4	8.28	5.99	
SSW28"	9/6/95		0.14	4.3	0.35	4.9	0.34	4.8	1.8	50	0.3	8.4	4.7	66	0.55		34.544	27.8	8.28	6.20	
SSW28"	9/14/95		0.12	3.7	0.68	9.5	0.43	6.0	3.0	83	0.3	9.3	5.7	79	0.09		34.561	27.3	8.28	5.99	
SSW28"	9/20/95		0.15	4.6	0.51	7.1	0.41	5.7	3.6	101	0.3	9.0	5.8	81	0.55		34.556	27.4	8.29	6.18	
SSW28"	9/27/95		0.15	4.6	0.53	7.4	0.50	7.0	1.4	39	0.3	9.0	5.5	76	1.12		34.582	27.5	8.27	6.18	
SSW28"	10/5/95		0.07	2.2	0.19	2.7	0.77	10.8	1.8	51	0.3	7.7	4.1	57	0.11		34.664	27.2	8.34	6.39	
SSW28"	10/10/95		0.06	1.9	0.17	2.4	0.63	8.8	1.7	49	0.3	8.1	4.3	60	0.42		34.683	27.5	8.30	6.38	
SSW28"	10/19/95		0.09	2.8	0.28	3.9	0.68	9.5	2.1	59	0.3	9.0	4.5	63	0.65		34.638	26.7	8.31	6.37	
SSW28"	10/25/95		0.11	3.4	0.16	2.2	0.61	8.5	1.3	37	0.2	7.1	5.2	73	0.57		34.664	25.2	8.33	6.38	
SSW28"	11/1/95		0.09	2.8	0.24	3.4	0.43	6.0	1.5	43	0.2	7.4	6.2	86	0.42		34.662	26.5	8.31	6.33	
SSW28"	11/8/95		0.11	3.4	0.33	4.6	0.52	7.3	2.6	73	0.2	7.4	5.1	72	0.60		34.592	26.6	8.26	6.17	
SSW28"	11/16/95		0.11	3.4	0.28	3.9	0.50	7.0	11.4	320	0.3	9.6	5.2	73	0.70		34.359	26.8	8.31	6.34	
SSW28"	11/21/95		0.12	3.7	0.07	1.0	0.51	7.1	2.0	55	0.3	9.3	5.7	80	0.45		34.550	27.0	8.25	6.52	
SSW28"	11/27/95		0.11	3.4	0.17	2.4	0.47	6.6	1.7	47	0.3	10.2	4.5	64	0.57		34.561	27.0	8.25	6.56	
SSW28"	12/5/95		0.05	1.5	0.06	0.8	0.41	5.7	2.8	77	0.2	6.5	7.8	110	0.44		34.655	26.1	8.28	6.82	
SSW28"	12/11/95		0.10	3.1	0.44	6.2	0.50	7.0	2.5	71	0.2	6.8	4.7	65	0.06		34.589	26.0	8.18	6.41	
SSW28"	12/21/95		0.09	2.8	0.11	1.5	0.28	3.9	1.7	49	0.3	10.5	3.6	51	0.59		34.637	25.6	8.27	6.65	
SSW28"	12/27/95		0.07	2.2	0.04	0.6	0.16	2.2	2.5	70	0.3	9.9	4.9	69	0.15		34.616	25.9	8.30	6.44	
SSW28"	1/3/96		0.12	3.7	0.03	0.4	0.15	2.1	2.2	61	0.3	8.7	5.2	72	0.30		34.514	25.0	8.33	6.50	
SSW28"	1/10/96		0.10	3.1	0.31	4.3	0.09	1.3	3.8	107	0.3	9.0	4.5	62	0.43		34.584	25.7	8.29	6.46	
SSW28"	1/17/96		0.08	2.5	0.02	0.3	0.04	0.6	2.1	59	0.3	8.1	6.2	86	0.36		34.658	25.0	8.28	6.58	
SSW28"	1/23/96		0.11	3.4	0.17	2.4	0.20	2.8	2.6	73	0.3	8.7	4.3	60	0.66		34.674	25.4	8.28	6.49	
SSW28"	1/31/96		0.08	2.5	0.11	1.5	0.36	5.0	2.1	60	0.3	7.7	5.4	75	2.75		34.588	24.4	8.25	6.55	
SSW28"	2/7/96		0.09	2.8	0.41	5.7	0.43	6.0	4.5	125	0.3	8.4	4.9	69	2.60		34.616	25.0	8.21	6.42	
SSW28"	2/16/96		0.10	3.1	0.07	1.0	0.43	6.0	5.8	163	0.3	8.1	5.1	71	1.75		34.420	24.4	8.24	6.52	
SSW28"	2/22/96		0.08	2.5	0.16	2.2	0.68	9.5	1.9	54	0.3	7.7	5.4	75	3.40		34.660	24.4	8.22	6.57	
SSW28"	2/28/96		0.08	2.5	0.22	3.1	0.42	5.9	5.3	148	0.2	6.2	5.9	83	6.95		34.543	24.4	8.25	6.43	
SSW28"	3/7/96		0.11	3.4	0.07	1.0	0.41	5.7	1.7	48	0.3	9.6	4.8	67	2.55		34.324	24.9	8.24	6.56	
SSW28"	3/14/96		0.09	2.8	0.13	1.8	0.54	7.6	2.7	77	0.3	9.3	4.6	65	9.05		34.166	24.6	8.24	6.78	
SSW28"	3/21/96		0.11	3.4	0.15	2.1	0.53	7.4	1.9	54	0.3	9.0	5.6	79	1.60		34.233	24.5	8.25	6.80	
SSW28"	3/28/96		0.10	3.1	0.16	2.2	0.35	4.9	3.4	96	0.3	9.3	4.9	68	2.70		34.242	24.2	8.27	6.69	
SSW28"	4/3/96		0.10	3.1	0.20	2.8	0.35	4.9	2.6	72	0.3	9.6	4.7	65	2.80		34.305	25.5	8.23	6.78	
SSW28"	4/10/96		0.12	3.7	0.07	1.0	0.48	6.7	2.9	82	0.3	8.7	5.0	70	1.95		34.208	25.6	8.25	6.37	

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)
SSW28"	4/17/96		0.11	3.4	0.11	1.5	0.23	3.2	1.8	50	0.3	8.4	6.2	87	2.45		34.309	25.1	8.26	6.45	
SSW28"	4/24/96		0.12	3.7	0.11	1.5	0.21	2.9	4.3	122	0.3	9.0	5.4	75	3.45		34.444	25.2	8.25	6.63	
SSW28"	4/30/96		0.10	3.1	0.01	0.1	0.09	1.3	1.2	33	0.3	9.6	6.1	85	3.50		34.268	25.4	8.23	6.98	
SSW28"	5/9/96		0.07	2.2	0.14	2.0	0.16	2.2	3.1	88	0.3	8.4	4.2	59	2.70		34.390	26.2	8.21	6.54	
SSW28"	5/17/96		0.08	2.5	0.14	2.0	0.29	4.1	2.1	59	0.3	8.7	9.2	128	2.45		34.294	28.3	8.24	6.63	
SSW28"	5/22/96		0.12	3.7	0.16	2.2	0.25	3.5	1.7	47	0.2	7.4	5.6	79	2.75		34.292	26.6	8.25	7.61	
SSW28"	5/29/96		0.12	3.7	0.21	2.9	0.36	5.0	1.6	44	0.3	8.7	5.9	82	2.90		34.396	26.6	8.24	6.43	
SSW28"	6/5/96		0.10	3.1	0.15	2.1	0.17	2.4	1.2	35	0.3	7.7	5.5	76	2.40		34.408	27.7	8.25	6.49	
SSW28"	6/10/96		0.10	3.1	0.29	4.1	0.14	2.0	1.5	42	0.3	8.7	5.1	72	2.30		34.370	27.4	8.23	6.36	
SSW28"	6/19/96		0.09	2.8	0.23	3.2	0.30	4.2	1.4	39	0.3	8.4	5.5	77	2.60		34.394	25.9	8.23	6.23	
SSW28"	6/28/96		0.10	3.1	0.19	2.7	0.48	6.7	1.8	50	0.3	8.7	5.2	73	3.10		34.422	27.9	8.24	6.65	
SSW28"	7/5/96		0.10	3.1	0.17	2.4	0.42	5.9	2.0	57	0.3	9.9	4.4	62	2.55		34.372	27.1	8.22	6.46	
SSW28"	7/10/96		0.09	2.8	0.11	1.5	0.31	4.3	1.4	38	0.3	10.2	4.4	61	2.50		34.462	28.2	8.25	6.28	
SSW28"	7/18/96		0.07	2.2	0.10	1.4	0.31	4.3	8.7	244	0.3	9.0	4.2	59	1.70		34.333	26.7	8.21	6.45	
SSW28"	7/25/96		0.07	2.2	0.09	1.3	0.17	2.4	1.2	33	0.3	8.1	4.0	57	2.55		34.434	27.9	8.26	7.10	
SSW28"	8/2/96		0.05	1.5	0.11	1.5	0.44	6.2	5.4	152	0.3	9.0	4.3	60	3.15		34.480	27.6	8.27	6.50	
SSW28"	8/8/96		0.04	1.2	0.13	1.8	0.72	10.1	3.4	95	0.3	9.6	4.3	60	2.65		34.474	27.1	8.25	6.75	
SSW28"	8/14/96		0.06	1.9	0.07	1.0	0.63	8.8	2.6	74	0.3	7.7	4.4	61	2.85		34.482	27.7	8.26	6.32	
SSW28"	8/19/96		0.05	1.5	0.17	2.4	0.48	6.7	1.4	40	0.2	6.8	4.7	65	2.50		34.501	28.1	8.25	6.46	
SSW28"	8/29/96		0.07	2.2	0.19	2.7	0.41	5.7	2.1	58	0.3	9.0	4.4	61	2.80		34.509	27.8	8.23	6.14	
SSW28"	9/5/96		0.07	2.2	0.15	2.1	0.84	11.8	2.4	68	0.2	7.4	4.7	66	2.30		34.478	27.8	8.25	6.95	
SSW28"	9/12/96		0.07	2.2	0.18	2.5	0.17	2.4	1.6	45	0.2	7.4	5.0	70	2.65		34.605	27.5	8.26	7.10	
SSW28"	9/17/96		0.08	2.5	0.13	1.8	0.08	1.1	2.2	61	0.3	8.7	4.2	59	3.15		34.630	27.7	8.22	7.00	
SSW28"	9/25/96		0.08	2.5	0.12	1.7	0.38	5.3	1.5	43	0.3	8.1	8.3	116	2.05		34.632	27.2	8.24	7.21	
SSW28"	9/30/96		0.06	1.9	0.16	2.2	0.20	2.8	2.0	57	0.3	9.0	4.5	64	2.00		34.705	26.8	8.24	7.19	
SSW28"	10/10/96		0.06	1.9	0.14	2.0	0.53	7.4	9.8	276	0.3	7.7	4.6	65	2.15		34.653	26.7	8.24	6.49	
SSW28"	10/14/96		0.06	1.9	0.11	1.5	0.57	8.0	2.4	67	0.2	7.4	4.6	65	0.40		34.686	27.5	8.26	6.58	
SSW28"	10/24/96		0.05	1.5	0.04	0.6	0.46	6.4	8.1	226	0.3	9.0	4.8	67	2.50		34.724	27.2	8.23	6.68	
SSW28"	10/31/96		0.07	2.2	0.17	2.4	0.26	3.6	1.7	47	0.3	7.7	4.7	66	2.45		34.735	26.7	8.21	6.65	
SSW28"	11/8/96		0.06	1.9	0.27	3.8	0.47	6.6	2.4	68	0.2	6.5	4.5	63	1.80		34.713	26.8	8.23	6.54	
SSW28"	11/13/96		0.07	2.2	0.22	3.1	0.36	5.0	2.7	76	0.3	8.7	4.2	59	2.35		34.736	27.0	8.26	6.89	
SSW28"	11/20/96		0.06	1.9	0.18	2.5	0.38	5.3	3.6	100	0.3	8.4	3.5	49	1.70		34.744	25.7	8.25	6.53	
SSW28"	11/27/96		0.05	1.5	0.15	2.1	0.37	5.2	1.1	32	0.2	7.4	4.7	65	1.35		34.632	25.6	8.27	6.44	
SSW28"	12/4/96		0.08	2.5	0.12	1.7	0.43	6.0	3.8	108	0.3	8.1	4.3	61	2.20		34.643	25.2	8.25	7.46	
SSW28"	12/11/96		0.09	2.8	0.05	0.7	0.48	6.7	2.1	59	0.3	9.3	5.0	70	2.35		34.787	24.0	8.27	7.49	
SSW28"	12/18/96		0.07	2.2	0.01	0.1	0.25	3.5	1.4	38	0.3	9.3	3.7	51	2.25		34.808	24.8	8.26	6.59	
SSW28"	12/23/96		0.07	2.2	0.21	2.9	0.40	5.6	5.1	143	0.3	9.0	4.6	65	2.10		34.759	24.6	8.27	6.89	
SSW28"	1/2/97		0.06	1.9	0.21	2.9	0.30	4.2	1.6	45	0.2	6.2	3.9	55	2.85		34.719	24.3	8.28	6.71	
SSW28"	1/9/97		0.05	1.5	0.08	1.1	0.29	4.1	1.4	40	0.3	8.7	4.2	59	1.15		34.735	23.6	8.27	6.75	
SSW28"	1/16/97		0.07	2.2	0.26	3.6	0.12	1.7	2.6	73	0.4	11.5	4.7	66	3.15		34.664	23.6	8.26	6.97	
SSW28"	1/21/97		0.08	2.5	0.18	2.5	0.01	0.1	2.5	70	0.3	9.9	4.2	59	1.20		34.586	24.1	8.27	6.71	
SSW28"	1/28/97		0.03	0.9	0.12	1.7	0.01	0.1	2.3	65	0.2	7.1	4.5	63	2.30		34.748	24.5	8.28	6.65	
SSW28"	2/7/97		0.02	0.6	0.14	2.0	0.01	0.1	1.7	46	0.3	9.3	4.8	67	1.90		34.763	25.0	8.28	6.67	
SSW28"	2/12/97		0.04	1.2	0.12	1.7	0.13	1.8	1.3	37	0.3	9.0	4.7	66	1.75		34.794	23.3	8.30	6.72	
SSW28"	2/19/97		0.06	1.9	0.08	1.1	0.07	1.0	1.5	42	0.2	7.4	4.9	69	2.50		34.674	24.2	8.30	7.14	
SSW28"	2/25/97		0.06	1.9	0.13	1.8	0.15	2.1	1.5	43	0.2	5.0	4.5	63	3.00		34.793	23.6	8.32	7.04	
SSW28"	3/4/97		0.04	1.2	0.16	2.2	0.10	1.4	1.6	44	0.2	6.2	4.8	68	2.05		34.713	23.7	8.30	6.92	
SSW28"	3/12/97		0.06	1.9	0.07	1.0	0.24	3.4	2.0	56	0.2	5.6	6.3	88	2.90		34.585	24.0	8.25	7.03	
SSW28"	3/20/97		0.11	3.4	0.13	1.8	0.11	1.5	2.0	57	0.4	10.8	4.6	65	1.75		34.595	23.3	8.26	6.87	
SSW28"	3/25/97		0.14	4.3	0.09	1.3	0.21	2.9	1.8	51	0.3	9.9	4.7	65	3.90		34.585	23.6	8.25	7.01	

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)
SSW28"	3/31/97		0.13	4.0	0.19	2.7	0.11	1.5	10.0	281	0.4	12.1	4.8	68	1.40		34.500	24.7	8.26	7.03	
SSW28"	4/7/97		0.06	1.9	0.09	1.3	0.51	7.1	10.7	300	0.3	9.9	5.7	80	1.85		34.749	24.1	8.26	6.52	
SSW28"	4/14/97		0.07	2.2	0.21	2.9	0.24	3.4	8.3	233	0.3	10.5	5.0	70	1.55		34.622	24.9	8.28	6.56	
SSW28"	4/24/97		0.13	4.0	0.16	2.2	0.40	5.6	2.5	70	0.6	18.3	4.7	66	1.45		34.373	25.5	8.27	6.76	
SSW28"	5/2/97		0.12	3.7	0.10	1.4	0.38	5.3	1.7	47	0.6	19.5	8.2	115	2.55		34.434	25.1	8.28	6.70	
SSW28"	5/8/97		0.11	3.4	0.15	2.1	0.30	4.2	2.0	55	0.6	18.9	4.6	65	2.10		34.394	24.6	8.30	6.76	
SSW28"	5/13/97		0.11	3.4	0.13	1.8	0.32	4.5	2.3	64	0.6	19.5	5.5	77	2.05		34.495	25.4	8.29	6.71	
SSW28"	5/19/97		0.10	3.1	0.08	1.1	0.33	4.6	1.0	29	0.5	16.7	4.5	63	2.70		24.517	24.7	8.32	6.58	
SSW28"	5/29/97		0.10	3.1	0.18	2.5	0.26	3.6	5.9	165	0.4	11.8	4.9	69	1.70		34.484	25.7	8.27	6.98	
SSW28"	6/3/97		0.08	2.5	0.14	2.0	0.42	5.9	1.6	46	0.3	9.6	4.9	69	1.60		34.476	26.8	8.31	6.91	
SSW28"	6/10/97		0.10	3.1	0.15	2.1	0.45	6.3	1.9	52	0.3	10.5	5.9	82	1.60		34.492	25.8	8.39	6.79	
SSW28"	6/18/97		0.10	3.1	0.02	0.3	0.42	5.9	2.0	57	0.4	11.2	4.0	56	2.65		34.512	25.2	8.28	8.51	
SSW28"	6/23/97		0.09	2.8	0.06	0.8	0.12	1.7	1.4	38	0.4	11.8	4.6	65	1.40		34.412	24.4	8.31	6.93	
SSW28"	7/3/97		0.12	3.7	0.19	2.7	0.02	0.3	12.4	348	0.3	10.5	4.5	64	2.55		34.542	23.5	8.31	7.18	
SSW28"	7/9/97		0.07	2.2	0.10	1.4	0.28	3.9	11.1	311	0.3	9.6	4.5	63	2.00		34.635	25.9	8.32	6.92	
SSW28"	7/17/97		0.07	2.2	0.04	0.6	0.15	2.1	1.4	40	0.3	10.2	4.3	60	3.75		34.636	25.8	8.30	6.73	
SSW28"	7/25/97		0.06	1.9	0.04	0.6	0.31	4.3	2.0	57	0.3	10.2	5.1	71	2.30		34.679	26.2	8.38	6.52	
SSW28"	7/31/97		0.06	1.9	0.05	0.7	0.19	2.7	1.0	28	0.3	8.7	5.5	77	1.90		34.657	25.8	8.37	6.68	
SSW28"	8/7/97		0.06	1.9	0.01	0.1	0.16	2.2	1.0	28	0.3	10.2	5.0	70	2.45		34.651	26.0	8.41	6.60	
SSW28"	8/13/97		0.06	1.9	0.01	0.1	0.04	0.6	2.0	56	0.3	9.0	4.8	67	1.85		34.631	25.7	8.39	6.52	
SSW28"	8/22/97		0.06	1.9	0.04	0.6	0.28	3.9	1.6	44	0.3	9.9	5.7	80	1.55		34.654	26.2	8.40	6.56	
SSW28"	8/27/97		0.12	3.7	0.02	0.3	0.33	4.6	1.8	49	0.4	10.8	5.0	70	1.75		34.649	26.3	8.38	6.54	
SSW28"	9/3/97		0.05	1.5	0.11	1.5	0.31	4.3	2.6	72	0.3	8.1	5.1	71	2.45		34.687	27.4	8.43	6.52	
SSW28"	9/11/97		0.06	1.9	0.02	0.3	0.30	4.2	3.0	83	0.4	10.8	4.8	68	1.55		34.699	26.6	8.44	6.35	
SSW28"	9/18/97		0.08	2.5	0.02	0.3	0.17	2.4	2.9	80	0.3	9.3	4.7	66	1.75		34.751	26.0	8.43	6.05	
SSW28"	9/25/97		0.08	2.5	0.12	1.7	0.54	7.6	2.7	76	0.3	10.2	4.9	68	0.50		34.788	27.3	8.41	6.32	
SSW28"	9/30/97		0.06	1.9	0.12	1.7	0.40	5.6	1.7	49	0.3	9.9	4.8	67	1.70		34.785	26.1	8.44	6.35	
SSW28"	10/9/97		0.10	3.1	0.03	0.4	0.34	4.8	4.1	116	0.4	12.1	4.9	68	1.30		34.790	27.5	8.43	6.14	
SSW28"	10/16/97		0.06	1.9	0.04	0.6	0.42	5.9	1.3	37	0.4	11.8	4.7	66	1.55		34.820	26.9	8.44	6.31	
SSW28"	10/23/97		0.06	1.9	0.10	1.4	0.29	4.1	1.8	51	0.4	10.8	4.8	68	1.65		34.825	26.9	8.48	6.45	
SSW28"	10/30/97		0.04	1.2	0.01	0.1	0.24	3.4	1.4	39	0.3	9.9	4.4	61	1.45		34.914	26.4	8.45	6.84	
SSW28"	11/6/97		0.05	1.5	0.01	0.1	0.41	5.7	0.7	21	0.3	9.3	4.4	62	1.15		34.946	25.9	8.42	6.69	
SSW28"	11/10/97		0.05	1.5	0.05	0.7	0.37	5.2	1.5	42	0.2	7.4	4.6	64	0.95		34.959	25.9	8.45	6.65	
SSW28"	11/20/97		0.06	1.9	0.09	1.3	0.44	6.2	2.4	68	0.3	10.5	4.8	67	1.50		34.874	25.9	8.40	6.46	
SSW28"	11/25/97		0.05	1.5	0.14	2.0	0.43	6.0	1.7	49	0.3	8.1	5.0	70	0.35		34.852	25.3	8.41	6.37	
SSW28"	12/1/97		0.08	2.5	0.07	1.0	0.41	5.7	6.7	188	0.3	9.9	4.8	68	1.50		34.889	24.8	8.40	6.38	
SSW28"	12/11/97		0.07	2.2	0.01	0.1	0.15	2.1	13.6	383	0.3	10.2	3.6	51	1.30		34.965	24.4	8.43	6.65	
SSW28"	12/18/97		0.09	2.8	0.14	2.0	0.39	5.5	2.3	65	0.3	9.3	3.9	54	2.10		34.977	23.5	8.42	6.55	
SSW28"	12/24/97		0.08	2.5	0.12	1.7	0.30	4.2	8.3	234	0.4	10.8	3.7	52	1.55		34.963	23.7	8.42	6.67	
SSW28"	12/29/97		0.09	2.8	0.06	0.8	0.31	4.3	1.1	32	0.4	11.2	4.5	63	1.20		34.963	23.1	8.44	6.69	
SSW28"	1/6/98		0.03	0.9	0.05	0.7	0.11	1.5	1.2	35	0.3	8.1	4.1	57	1.70		34.965	22.5	8.44	6.65	
SSW28"	1/14/98		0.06	1.9	0.02	0.3	0.12	1.7	1.6	46	0.3	10.5	4.3	60	2.00		34.996	25.0	8.42	7.38	
SSW28"	1/22/98		0.10	3.1	0.03	0.4	0.09	1.3	2.0	55	0.4	11.5	3.9	55	1.05		35.007	23.9	8.42	6.92	
SSW28"	1/29/98		0.06	1.9	0.05	0.7	0.13	1.8	2.5	69	0.3	9.9	4.1	58	1.85		35.009	23.8	8.42	7.00	
SSW28"	2/5/98		0.08	2.5	0.07	1.0	0.18	2.5	2.6	73	0.2	7.4	4.3	60	2.05		35.016	23.6	8.45	6.87	
SSW28"	2/9/98		0.06	1.9	0.08	1.1	0.21	2.9	1.4	39	0.3	10.2	4.3	61	0.70		35.043	23.0	8.45	6.92	
SSW28"	2/17/98		0.03	0.9	0.07	1.0	0.28	3.9	1.4	39	0.3	9.3	4.3	60	1.10		35.046	23.5	8.47	6.89	
SSW28"	2/23/98		0.09	2.8	0.15	2.1	0.29	4.1	2.4	68	0.3	10.2	4.4	62	1.50		35.044	22.8	8.47	6.96	
SSW28"	3/5/98		0.09	2.8	0.19	2.7	0.21	2.9	2.2	62	0.2	6.5	4.4	62	0.25		35.033	23.8	8.25	6.77	
SSW28"	3/12/98		0.10	3.1	0.07	1.0	0.28	3.9	1.7	49	0.3	9.0	4.3	60	0.70		35.013	23.8	8.23	6.80	

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)
SSW28"	3/19/98		0.11	3.4	0.08	1.1	0.30	4.2	2.2	62	0.4	10.8	4.5	63	0.55		34.905	24.3	8.21	6.79	
SSW28"	3/25/98		0.09	2.8	0.08	1.1	0.37	5.2	2.7	77	0.3	9.9	4.3	60	0.70		35.053	22.2	8.22	6.91	
SSW28"	4/2/98		0.06	1.9	0.02	0.3	0.32	4.5	1.6	45	0.3	9.3	4.1	58	1.00		35.078	23.4	8.23	6.72	
SSW28"	4/9/98		0.08	2.5	0.02	0.3	0.22	3.1	1.7	48	0.4	10.8	4.3	60	0.90		35.112	23.9	8.28	6.76	
SSW28"	4/16/98		0.08	2.5	0.06	0.8	0.12	1.7	1.6	45	0.4	11.8	4.2	59	1.15		35.060	22.7	8.24	6.85	
SSW28"	4/20/98		0.05	1.5	0.12	1.7	0.29	4.1	3.5	99	0.3	9.6	4.5	63	1.15		34.988	23.7	8.22	6.83	
SSW28"	4/30/98		0.08	2.5	0.01	0.1	0.33	4.6	4.1	114	0.4	11.8	4.1	57	2.00		35.059	23.2	8.23	6.81	
SSW28"	5/7/98		0.06	1.9	0.08	1.1	0.16	2.2	5.1	142	0.3	10.5	4.3	60	1.90		35.102	23.6	8.23	6.81	
SSW28"	5/15/98		0.09	2.8	0.10	1.4	0.28	3.9	2.0	56	0.3	10.5	5.6	79	1.95		35.122	23.9	8.23	6.73	
SSW28"	5/21/98		0.07	2.2	0.11	1.5	0.10	1.4	1.9	54	0.4	11.2	5.2	72	1.75		35.112	22.6	8.24	6.72	
SSW28"	5/28/98		0.07	2.2	0.06	0.8	0.16	2.2	1.9	53	0.3	9.9	4.8	67	0.65		35.154	23.0	8.24	6.84	
SSW28"	6/4/98		0.06	1.9	0.10	1.4	0.09	1.3	2.2	62	0.4	10.8	4.8	68	1.10		35.138	24.2	8.24	6.86	
SSW28"	6/9/98		0.08	2.5	0.12	1.7	0.32	4.5	2.6	72	0.4	10.8	5.0	70	1.05		35.127	24.3	8.22	6.80	
SSW28"	6/17/98		0.12	3.7	0.09	1.3	0.32	4.5	3.2	89	0.4	12.4	5.3	74	2.35		35.075	24.7	8.22	6.72	
SSW28"	6/23/98		0.09	2.8	0.05	0.7	0.51	7.1	3.1	86	0.4	11.2	4.9	68	1.50		35.054	25.0	8.21	6.72	
SSW28"	7/1/98		0.11	3.4	0.09	1.3	0.02	0.3	2.8	79	0.4	12.7	5.1	71	1.15		35.032	24.8	8.22	6.77	
SSW28"	7/9/98		0.07	2.2	0.04	0.6	0.11	1.5	2.1	58	0.4	12.1	4.7	66	1.30		35.048	25.1	8.22	6.65	
SSW28"	7/16/98		0.08	2.5	0.09	1.3	0.27	3.8	4.3	120	0.4	11.2	5.0	70	0.05		35.016	26.6	8.24	6.72	
SSW28"	7/23/98		0.08	2.5	0.04	0.6	0.34	4.8	1.6	44	0.3	10.5	5.0	70	1.80		35.015	25.7	8.23	6.68	
SSW28"	7/29/98		0.07	2.2	0.04	0.6	0.18	2.5	1.7	47	0.3	9.3	5.0	70	0.90		35.105	24.8	8.23	6.73	
SSW28"	8/4/98		0.10	3.1	0.08	1.1	0.12	1.7	2.4	68	0.4	13.0	5.3	74	1.00		35.040	25.1	8.21	6.64	
SSW28"	8/13/98		0.08	2.5	0.03	0.4	0.14	2.0	2.2	62	0.4	11.8	5.4	76	0.45		35.053	25.8	8.20	6.73	
SSW28"	8/19/98		0.06	1.9	0.06	0.8	0.15	2.1	2.4	67	0.4	11.2	5.3	74	2.05		35.073	26.0	8.20	6.57	
SSW28"	8/26/98		0.09	2.8	0.03	0.4	0.15	2.1	1.5	43	0.4	12.4	5.2	73	1.00		35.018	25.3	8.22	6.59	
SSW28"	9/3/98		0.09	2.8	0.07	1.0	0.12	1.7	2.3	64	0.4	12.1	5.5	77	3.35		35.025	26.5	8.21	6.44	
SSW28"	9/10/98		0.10	3.1	0.02	0.3	0.07	1.0	1.9	54	0.4	13.6	5.6	78	1.45		35.033	26.8	8.22	6.49	
SSW28"	9/17/98		0.07	2.2	0.09	1.3	0.09	1.3	3.4	96	0.4	10.8	5.0	70	1.25		35.055	26.9	8.22	6.54	
SSW28"	9/21/98		0.06	1.9	0.04	0.6	0.07	1.0	4.6	130	0.4	11.5	5.0	71	1.95		35.017	26.8	8.23	6.54	
SSW28"	10/1/98		0.06	1.9	0.02	0.3	0.06	0.8	2.2	62	0.4	11.5	4.8	68	1.50		35.130	26.7	8.23	7.01	
SSW28"	10/8/98		0.10	3.1	0.11	1.5	0.27	3.8	4.1	115	0.3	10.5	4.6	65	2.60		35.097	25.6	8.22	6.88	
SSW28"	10/14/98		0.04	1.2	0.04	0.6	0.17	2.4	2.0	57	0.3	9.9	4.9	68	2.60		35.130	25.6	8.23	6.88	
SSW28"	10/21/98		0.10	3.1	0.01	0.1	0.16	2.2	2.5	69	0.4	10.8	4.8	67	4.05		35.127	26.1	8.24	6.96	
SSW28"	10/27/98		0.09	2.8	0.02	0.3	0.09	1.3	2.2	63	0.4	11.2	5.6	78	2.70		35.163	25.2	8.26	6.94	
SSW28"	11/6/98		0.08	2.5	0.01	0.1	0.11	1.5	3.5	98	0.3	10.5	4.3	61	2.70		34.998	26.4	8.24	6.59	
SSW28"	11/9/98		0.10	3.1	0.09	1.3	0.05	0.7	2.3	65	0.4	11.5	5.1	71	2.80		34.832	26.3	8.26	8.57	
SSW28"	11/18/98		0.07	2.2	0.04	0.6	0.15	2.1	14.3	402	0.3	9.3	5.8	81	2.40		35.111	25.8	8.25	6.57	
SSW28"	11/23/98		0.07	2.2	0.02	0.3	0.09	1.3	2.0	56	0.3	9.3	5.2	73	2.80		35.177	25.8	8.24	6.56	
SSW28"	11/30/98		0.07	2.2	0.02	0.3	0.10	1.4	2.8	78	0.3	9.0	4.9	68	2.00		35.127	25.2	8.26	7.71	
SSW28"	12/8/98		0.07	2.2	0.05	0.7	0.12	1.7	18.5	520	0.3	9.6	5.8	81	2.65		35.156	24.2	8.24	6.59	
SSW28"	12/17/98		0.05	1.5	0.01	0.1	0.04	0.6	1.9	53	0.3	10.2	4.5	63	1.90		35.102	25.1	8.24	6.68	
SSW28"	12/21/98		0.06	1.9	0.11	1.5	0.11	1.5	2.3	65	0.4	10.8	5.0	70	2.90		35.070	24.9	8.25	6.60	
SSW28"	12/29/98		0.09	2.8	0.18	2.5	0.18	2.5	2.2	63	0.4	10.8	6.3	88	2.25		35.079	24.8	8.22	6.77	
SSW28"	1/5/99		0.07	2.2	0.01	0.1	0.15	2.1	2.4	67	0.4	11.2	4.6	64	2.75		35.086	24.7	8.24	6.74	
SSW28"	1/14/99		0.07	2.2	0.04	0.6	0.03	0.4	2.1	59	0.3	9.3	4.5	64	1.85		35.104	24.8	8.23	6.80	
SSW28"	1/21/99		0.06	1.9	0.02	0.3	0.10	1.4	2.1	60	0.4	11.2	4.4	62	2.15		35.170	24.4	8.22	8.14	
SSW28"	1/26/99		0.07	2.2	0.01	0.1	0.07	1.0	1.7	49	0.3	9.6	4.6	64	3.00		35.117	24.5	8.26	6.92	
SSW28"	2/4/99		0.09	2.8	0.01	0.1	0.20	2.8	2.4	68	0.3	9.0	4.4	62	3.45		35.118	23.8	8.22	6.75	
SSW28"	2/11/99		0.11	3.4	0.08	1.1	0.23	3.2	1.9	53	0.4	10.8	3.9	55	2.40		35.038	23.9	8.23	7.55	
SSW28"	2/18/99		0.12	3.7	0.03	0.4	0.01	0.1	2.2	60	0.3	10.2	4.1	57	2.45		34.990	23.9	8.23	7.54	
SSW28"	2/23/99		0.09	2.8	0.06	0.8	0.02	0.3	2.3	65	0.3	9.9	4.2	59	2.90		35.039	23.4	8.23	7.47	

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)
SSW28"	3/3/99		0.04	1.2	0.07	1.0	0.16	2.2	2.2	62	0.2	7.1	6.0	83	3.20		35.035	23.7	8.22	7.44	
SSW28"	3/9/99		0.08	2.5	0.04	0.6	0.13	1.8	2.8	77	0.3	9.3	4.7	66	1.90		35.038	24.4	8.22	6.88	
SSW28"	3/18/99		0.11	3.4	0.02	0.3	0.05	0.7	4.6	130	0.3	9.9	4.0	55	2.45		34.846	24.0	8.24	6.87	
SSW28"	3/24/99		0.13	4.0	0.02	0.3	0.14	2.0	6.9	194	0.4	11.8	4.3	61	1.65		34.732	23.9	8.23	6.91	
SSW28"	3/30/99		0.14	4.3	0.07	1.0	0.18	2.5	4.1	115	0.3	10.2	5.4	76	1.80		34.778	23.6	8.23	6.97	
SSW28"	4/7/99		0.12	3.7	0.02	0.3	0.04	0.6	3.5	98	0.4	10.8	4.5	63	2.35		34.689	24.2	8.21	6.86	
SSW28"	4/14/99		0.08	2.5	0.02	0.3	0.05	0.7	1.8	50	0.4	10.8	3.9	55	2.35		34.755	23.9	8.22	6.90	
SSW28"	4/21/99		0.13	4.0	0.18	2.5	0.18	2.5	2.4	68	0.3	10.2	4.3	61	1.65		34.889	23.8	8.22	7.70	
SSW28"	4/29/99		0.12	3.7	0.19	2.7	0.13	1.8	3.9	108	0.3	10.2	4.7	66	2.60		34.366	24.1	8.21	6.80	
SSW28"	5/5/99		0.08	2.5	0.07	1.0	0.43	6.0	2.4	66	0.3	10.5	5.1	71	1.20		34.396	24.6	8.20	6.86	
SSW28"	5/12/99		0.10	3.1	0.15	2.1	0.09	1.3	2.8	78	0.3	9.3	4.3	61	1.90		34.393	24.8	8.20	6.81	
SSW28"	5/20/99		0.13	4.0	0.22	3.1	0.09	1.3	2.4	66	0.4	10.8	4.4	62	3.60		34.384	25.1	8.20	6.86	
SSW28"	5/24/99		0.17	5.3	0.35	4.9	0.11	1.5	2.3	65	0.3	10.2	6.0	84	2.00		34.408	25.4	8.22	6.86	
SSW28"	6/3/99		0.16	5.0	0.19	2.7	0.13	1.8	1.9	52	0.4	11.5	5.0	70	2.20		34.383	24.4	8.21	6.74	
SSW28"	6/9/99		0.18	5.6	0.33	4.6	0.26	3.6	1.9	53	0.4	13.6	4.9	69	3.15		34.378	26.1	8.22	7.01	
SSW28"	6/16/99		0.12	3.7	0.17	2.4	0.13	1.8	3.2	90	0.4	11.5	4.7	66	2.05		34.405	25.4	8.22	6.74	
SSW28"	6/24/99		0.13	4.0	0.23	3.2	0.06	0.8	2.5	70	0.3	10.5	5.0	70	2.15		34.399	25.4	8.22	6.68	
SSW28"	6/29/99		0.13	4.0	0.07	1.0	0.10	1.4	1.9	52	0.4	13.0	5.6	78	1.75		34.398	25.9	8.22	6.58	
SSW28"	7/8/99		0.12	3.7	0.18	2.5	0.05	0.7	2.4	66	0.4	12.1	5.4	75	1.80		34.041	26.2	8.20	6.58	
SSW28"	7/12/99		0.11	3.4	0.14	2.0	0.08	1.1	1.8	51	0.4	12.4	6.0	84	2.25		34.965	26.0	8.22	6.63	
SSW28"	7/20/99		0.12	3.7	0.22	3.1	0.33	4.6	2.3	63	0.4	12.1	5.2	73	2.05		34.917	27.8	8.22	6.63	
SSW28"	7/27/99		0.11	3.4	0.08	1.1	0.23	3.2	1.7	48	0.4	11.2	4.8	68	2.45		34.872	26.2	8.25	6.86	
SSW28"	8/5/99		0.14	4.3	0.10	1.4	0.25	3.5	2.6	74	0.4	12.4	5.1	71	1.80		34.882	26.5	8.24	6.65	
SSW28"	8/11/99		0.11	3.4	0.17	2.4	0.28	3.9	3.4	94	0.4	11.5	3.7	52	2.80		34.927	26.2	8.44	6.55	
SSW28"	8/18/99		0.16	5.0	0.14	2.0	0.28	3.9	2.0	56	0.4	11.8	4.8	68	3.35		34.892	25.5	8.29	6.61	
SSW28"	8/24/99		0.09	2.8	0.06	0.8	0.02	0.3	2.3	66	0.3	10.2	4.5	63	1.75		34.910	26.4	8.26	6.56	
SSW28"	8/31/99		0.12	3.7	0.05	0.7	0.20	2.8	2.9	81	0.3	9.6	5.0	70	2.25		34.926	26.2	8.31	6.50	
SSW28"	9/8/99		0.16	5.0	0.15	2.1	0.02	0.3	2.3	63	0.4	11.2	5.5	76	2.60		35.033	26.3	8.29	6.57	
SSW28"	9/15/99		0.16	5.0	0.13	1.8	0.05	0.7	1.6	44	0.4	13.0	4.6	65	1.85		34.495	26.1	8.27	6.59	
SSW28"	9/20/99		0.13	4.0	0.08	1.1	0.11	1.5	2.4	67	0.4	11.5	5.5	77	2.75		35.005	27.2	8.29	6.63	
SSW28"	9/30/99		0.11	3.4	0.09	1.3	0.12	1.7	1.9	53	0.3	10.2	4.8	68	5.05		35.003	26.0	8.29	6.76	
SSW28"	10/12/99		0.07	2.2	0.05	0.7	0.23	3.2	2.9	82	0.2	7.4	5.1	71	1.75		35.038	25.9	8.27	6.74	
SSW28"	11/3/99		0.10	3.1	0.06	0.8	0.23	3.2	2.0	56	0.3	9.6	5.0	70	2.80		35.085	26.1	8.28	6.46	
SSW28"	12/15/99		0.09	2.8	0.07	1.0	0.08	1.1	3.1	88	0.3	8.7	5.5	77	2.75		35.128	24.7	8.21	6.29	
SSW28"	1/10/00		0.07	2.2	0.19	2.7	0.16	2.2	3.4	95	0.3	9.0	5.2	73	1.15		35.126	25.1	8.23	6.79	
SSW28"	2/7/00		0.11	3.4	0.06	0.8	0.34	4.8	2.3	65	0.4	10.8	5.0	69	2.20		35.129	23.4	8.26	6.74	
SSW28"	3/1/00		0.21	6.5	0.35	4.9	0.27	3.8	5.8	163	0.4	12.4	4.9	69	2.35		34.822	23.9	8.26	6.69	
SSW28"	4/10/00		0.16	5.0	0.17	2.4	0.06	0.8	7.6	215	0.3	9.6	5.2	73	2.55		34.932	23.8	8.26	6.66	
SSW28"	5/15/00		0.08	2.5	0.08	1.1	0.10	1.4	1.7	47	0.3	9.9	5.0	70	2.35		34.721	25.0	8.27	6.71	
SSW28"	6/6/00		0.13	4.0	0.03	0.4	0.01	0.1	2.0	56	0.2	6.8	5.2	72	2.15		34.725	25.5	8.25	6.67	
SSW28"	7/26/00		0.11	3.4	0.16	2.2	0.09	1.3	3.1	88	0.4	12.1	5.1	71	2.30		34.899	26.2	8.27	6.50	
SSW28"	8/30/00		0.09	2.8	0.08	1.1	0.09	1.3	2.3	63	0.3	9.3	5.4	75	2.20		34.958	26.4	8.22	6.32	
SSW28"	9/6/00		0.11	3.4	0.03	0.4	0.08	1.1	1.7	48	0.3	9.6	5.3	74	3.30		34.955	25.5	8.23	6.50	
SSW28"	10/20/00		0.15	4.6	0.41	5.7	0.11	1.5	3.9	110	0.4	11.5	5.3	75	3.00		34.912	26.4	8.26	6.35	
SSW28"	11/14/00		0.13	4.0	0.09	1.3	0.32	4.5	2.8	78	0.3	8.7	4.9	68	2.65		35.054	27.1	8.24	6.31	
SSW28"	12/20/00		0.13	4.0	0.28	3.9	0.30	4.2	4.0	112	0.3	10.5	5.6	79	2.70		34.785	24.0	8.26	6.43	
SSW28"	1/23/01		0.14	4.3	0.03	0.4	0.13	1.8	3.2	89	0.3	10.5	5.2	73	2.65		34.789	24.5	8.23	6.27	
SSW28"	2/5/01		0.13	4.0	0.04	0.6	0.11	1.5	2.6	72	0.3	9.6	5.1	71	2.65		34.957	23.6	8.22	6.25	
SSW28"	3/5/01		0.15	4.6	0.15	2.1	0.17	2.4	5.1	142	0.4	13.3	5.1	72	1.85		34.734	24.1	8.19	6.18	
SSW28"	4/16/01		0.09	2.8	0.12	1.7	0.04	0.6	11.8	333	0.3	10.5	4.5	63	2.45		34.778	24.2	8.21	6.93	

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)
SSW28"	5/9/01		0.14	4.3	0.14	2.0	0.42	5.9	5.2	146	0.5	14.2	5.5	77	2.00		34.761	24.8	8.20	6.67	
SSW28"	6/8/01		0.14	4.3	0.15	2.1	0.18	2.5	2.8	78	0.3	10.5	6.0	84	2.65		34.794	25.9	8.22	6.54	
SSW28"	7/24/01		0.17	5.3	0.15	2.1	0.05	0.7	1.9	52	0.4	11.8	4.7	65	2.20		34.766	25.6	8.20	6.52	
SSW28"	8/22/01		0.19	5.9	0.21	2.9	0.05	0.7	3.7	104	0.4	12.7	4.7	66	2.80		34.852	26.1	8.17	6.32	
SSW28"	9/18/01		0.17	5.3	0.22	3.1	0.11	1.5	1.6	45	0.4	11.5	5.5	76	2.15		34.940	26.4	8.21	6.33	
SSW28"	10/9/01		0.17	5.3	0.35	4.9	0.11	1.5	1.6	45	0.4	11.5	5.8	81	2.95		34.941	26.3	8.19	6.97	
SSW28"	11/6/01		0.23	7.1	0.25	3.5	0.02	0.3	2.9	81	0.4	13.6	5.7	80	2.95		34.951	25.9	8.22	6.40	
SSW28"	12/18/01		0.11	3.4	0.22	3.1	0.22	3.1	1.6	44	0.3	9.3	5.4	76	2.45		34.988	25.0	8.21	6.54	
SSW28"	1/8/02		0.20	6.2	0.26	3.6	0.29	4.1	4.7	131	0.4	12.4	5.2	72	2.80		34.832	25.1	8.22	6.29	
SSW28"	2/27/02		0.17	5.3	0.15	2.1	0.09	1.3	8.8	247	0.4	11.8	6.3	88	2.35		34.913	23.5	8.22	6.24	
SSW28"	3/19/02		0.12	3.7	0.20	2.8	0.16	2.2	1.6	44	0.4	11.8	5.4	75	1.35		34.601	23.9	8.23	6.30	
SSW28"	4/9/02		0.19	5.9	0.28	3.9	0.11	1.5	5.1	143	0.4	11.8	5.3	75	2.20		34.577	24.7	8.19	6.18	
SSW28"	5/21/02		0.15	4.6	0.08	1.1	0.10	1.4	1.2	33	0.4	11.5	6.3	88	2.05		34.731	25.6	8.22	6.74	
SSW28"	6/18/02		0.16	5.0	0.30	4.2	0.12	1.7	2.6	72	0.4	11.2	5.7	80	0.65		34.574	26.2	8.21	6.38	
SSW28"	7/17/02		0.11	3.4	0.15	2.1	0.13	1.8	2.1	59	0.3	9.6	6.9	97	2.25		34.875	25.9	8.23	6.48	
SSW28"	8/22/02		0.12	3.7	0.14	2.0	0.18	2.5	4.2	117	0.3	10.5	6.3	88	2.30		34.792	26.9	8.22	6.44	
SSW28"	9/24/02		0.11	3.4	0.11	1.5	0.23	3.2	1.7	47	0.3	9.6	4.7	66	1.90		34.930	26.0	8.25	6.58	
SSW28"	10/16/02		0.08	2.5	0.16	2.2	0.32	4.5	1.6	45	0.4	12.1	5.5	77	1.60		34.920	26.5	8.24	6.43	
SSW28"	11/6/02		0.17	5.3	0.27	3.8	0.24	3.4	1.9	54	0.4	11.2	5.7	79	1.15		34.889	24.2	8.23	6.33	
SSW28"	12/19/02		0.17	5.3	0.30	4.2	0.05	0.7	1.0	29	0.3	10.5	5.5	78	2.50		35.017	23.7	8.24	6.53	
SSW28"	1/29/03		0.18	5.6	0.40	5.6	0.10	1.4	11.2	315	0.3	10.5	4.8	67	1.85		35.084	23.3	8.24	7.34	
SSW28"	2/10/03		0.10	3.1	0.12	1.7	0.02	0.3	7.8	219	0.4	10.8	5.3	75	1.90		34.617	23.1	8.25	6.66	
SSW28"	3/18/03		0.15	4.6	0.10	1.4	0.05	0.7	2.1	58	0.4	11.2	2.6	37	1.95		34.802	26.1	8.24	6.69	
SSW28"	4/29/03		0.18	5.6	0.20	2.8	0.12	1.7	5.0	140	0.5	13.9	3.3	46	1.75		34.778	24.7	8.27	7.09	
SSW28"	5/13/03		0.16	5.0	0.31	4.3	0.05	0.7	15.0	422	0.4	11.8	5.3	74	1.65		34.659	24.9	8.27	6.62	
SSW28"	6/5/03		0.15	4.6	0.04	0.6	0.07	1.0	5.4	152	0.4	11.5	4.8	67	1.90		34.625	26.7	8.27	6.74	
SSW28"	7/31/03		0.14	4.3	0.37	5.2	0.10	1.4	4.1	114	0.4	11.5	5.3	75	2.15		34.826	27.0	8.23	6.76	
SSW28"	8/27/03		0.11	3.4	0.33	4.6	0.05	0.7	2.2	61	0.4	11.2	6.1	85	2.30		34.820	27.3	8.25	6.43	
SSW28"	9/17/03		0.11	3.4	0.42	5.9	0.03	0.4	2.0	55	0.5	13.9	6.3	88	3.30		34.692	26.9	8.23	6.42	
SSW28"	10/7/03		0.14	4.3	0.33	4.6	0.23	3.2	1.8	50	0.4	12.1	7.1	99	2.35		34.766	26.6	8.23	NA	
SSW28"	11/4/03		0.14	4.3	0.26	3.6	0.05	0.7	3.6	100	0.4	12.4	6.1	86	2.60		34.706	26.1	8.24	NA	
SSW28"	11/14/03																	26.3		6.35	
SSW28"	12/16/03		0.12	3.7	0.44	6.2	0.05	0.7	1.8	51	0.4	12.1	5.6	79	2.20		34.825	24.4	8.24	6.45	
SSW28"	1/27/04		0.16	5.0	0.32	4.5	0.31	4.3	5.6	156	0.4	12.1	4.5	63	0.65		34.459	22.6	8.24	6.30	
SSW28"	2/10/04		0.16	5.0	0.31	4.3	0.07	1.0	3.7	105	0.4	12.4	5.8	81	1.20		34.406	24.6	8.24	6.56	
SSW28"	3/15/04		0.21	6.5	0.29	4.1	0.20	2.8	2.2	61	0.5	14.2	4.9	68	0.65		34.417	25.0	8.24	6.17	
SSW28"	4/21/04		0.18	5.6	0.10	1.4	0.34	4.8	3.9	109	0.5	15.5	5.2	73	0.35		34.266	24.3	8.24	6.67	
SSW28"	5/12/04		0.18	5.6	0.19	2.7	0.30	4.2	2.5	69	0.4	13.0	6.2	86	0.20		33.510	26.0	8.26	6.79	
SSW28"	6/7/04		0.16	5.0	0.34	4.8	0.17	2.4	4.9	139	0.4	13.6	7.9	110	0.85		33.460	25.6	8.21	6.51	
SSW28"	7/8/04		0.12	3.7	0.37	5.2	0.20	2.8	4.0	111	0.4	12.7	5.6	79	0.85		33.610	25.9	8.24	6.40	
SSW28"	8/24/04		0.14	4.3	0.40	5.6	0.34	4.8	3.1	86	0.4	12.1	5.2	73	0.90		33.670	26.0	8.24	6.19	
SSW28"	9/2/04		0.11	3.4	0.36	5.0	0.19	2.7	1.7	49	0.4	10.8	5.9	83	3.00		33.740	26.7	8.25	6.24	
SSW28"	10/1/04		0.10	3.1	0.28	3.9	0.22	3.1	2.1	60	0.4	10.8	5.5	77	1.25		33.740	27.3	8.26	7.93	
SSW28"	11/8/04		0.13	4.0	0.48	6.7	0.18	2.5	2.7	76	0.4	11.2	5.4	76	0.40		33.680	26.1	8.24	6.24	
SSW28"	12/7/04		0.11	3.4	0.39	5.5	0.26	3.6	1.6	45	0.3	10.2	5.5	77	1.95		33.770	23.8	8.27	6.36	
SSW28"	1/11/05		0.11	3.4	0.24	3.4	0.07	1.0	4.2	118	0.3	10.2	4.8	67	0.55		34.792	22.8	8.32	6.49	
SSW28"	2/8/05		0.11	3.4	0.26	3.6	0.06	0.8	2.9	80	0.3	10.2	5.4	76	1.90		34.794	22.6	8.32	6.65	
SSW28"	3/23/05		0.11	3.4	0.03	0.4	0.19	2.7	1.9	52	0.4	11.5	3.4	47	1.40		34.771	23.7	8.30	6.58	
SSW28"	4/21/05		0.18	5.6	0.15	2.1	0.27	3.8	2.0	56	0.4	11.8	5.4	76	0.85		34.560	24.3	8.30	6.33	
SSW28"	5/26/05	905	0.14	4.3	0.09	1.3	0.26	3.6	2.4	66	0.4	13.0	4.9	68	5.30		34.516	24.4	8.25	6.63	

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)
SSW28"	6/16/05	840	0.12	3.7	0.10	1.4	0.41	5.7	2.4	68	0.4	11.5	4.7	66	1.35		34.657	25.6	8.24	6.35	
SSW28"	7/27/05	825	0.11	3.4	0.37	5.2	0.05	0.7	2.3	65	0.4	10.8	4.4	61	0.70		34.692	22.5	8.29	6.11	
SSW28"	8/11/05	740	0.12	3.7	0.66	9.2	0.34	4.8	1.9	52	0.4	10.8	4.9	69	3.25		34.733	26.3	8.30	6.10	
SSW28"	9/14/05	808	0.13	4.0	0.47	6.6	0.31	4.3	1.8	49	0.4	11.5	3.5	50	4.35		34.796	26.1	8.28	6.15	
SSW28"	10/10/05	912	0.11	3.4	0.26	3.6	0.30	4.2	3.5	97	0.4	11.5	5.0	70	2.35		34.833	27.1	8.32	6.26	
SSW28"	11/2/05	802	0.10	3.1	0.26	3.6	0.40	5.6	7.3	205	0.4	10.8	4.3	60	2.30		34.948	25.3	8.28	6.41	
SSW28"	12/20/05	809	0.09	2.8	0.14	2.0	0.40	5.6	1.3	37	0.3	9.9	5.0	69	2.25		34.936	25.0	8.31	6.50	
SSW28"	1/26/06	811	0.11	3.4	0.33	4.6	0.27	3.8	2.6	73	0.3	9.6	5.3	74	1.70		35.052	23.1	8.26	6.45	
SSW28"	2/28/06	820	0.12	3.7	0.32	4.5	0.43	6.0	6.7	189	0.9	27.9	6.4	89	2.85		34.925	24.0	8.26	6.59	
SSW28"	3/23/06	820	0.12	3.7	0.21	2.9	0.48	6.7	4.2	118	0.4	12.7	5.4	75	1.00		34.754	23.5	8.26	6.66	
SSW28"	4/18/06	857	0.16	5.0	0.33	4.6	0.28	3.9	2.1	59	0.3	10.5	6.0	83	2.70		34.726	24.9	8.27	6.64	
SSW28"	5/18/06	905	0.13	4.0	0.16	2.2	0.15	2.1	2.0	56	0.4	12.7	4.7	66	2.15		34.721	24.9	8.25	6.50	
SSW28"	6/29/06	1045	0.14	4.3	0.47	6.6	0.29	4.1	2.8	78	0.3	9.9	5.3	74	1.00		34.759	28.0	8.23	6.25	
SSW28"	7/25/06	850	0.13	4.0	0.33	4.6	0.33	4.6	2.0	55	0.3	10.5	6.2	87	1.35		34.802	25.8	8.24	6.92	
SSW28"	8/10/06	925	0.14	4.3	0.39	5.5	0.30	4.2	1.5	41	0.4	11.8	6.0	84	2.40		34.695	26.8	8.23	6.48	
SSW28"	9/21/06	900	0.14	4.3	0.39	5.5	0.22	3.1	3.0	83	0.3	9.9	4.7	65	1.05		34.752	25.5	8.23	6.49	
SSW28"	10/26/06	850	0.15	4.6	0.57	8.0	0.35	4.9	3.5	97	0.3	10.5	5.6	78	1.70		34.803	26.7	8.27	7.03	
SSW28"	11/30/06	925	0.16	5.0	0.48	6.7	0.22	3.1	1.1	32	0.4	11.5	5.6	79	2.55		34.876	25.1	8.25	6.36	
SSW28"	12/14/06	935	0.17	5.3	0.34	4.8	0.37	5.2	1.7	47	0.4	12.1	5.8	81	1.80		34.803	25.7	8.24	6.56	
SSW28"	1/11/07	930	0.17	5.3	0.46	6.4	0.33	4.6	0.4	11	0.4	11.2	5.1	71	2.10		34.911	24.1	8.25	6.16	
SSW28"	2/15/07	930	0.20	6.2	0.20	2.8	0.49	6.9	2.0	57	0.4	13.6	5.8	81	1.90		34.489	23.3	8.23	6.37	
SSW28"	3/8/07	950	0.18	5.6	0.30	4.2	0.37	5.2	4.3	121	0.5	14.6	6.3	88	1.80		34.538	24.7	8.25	6.34	
SSW28"	4/12/07	930	0.20	6.2	1.42	19.9	0.47	6.6	2.8	79	0.4	13.3	5.6	79	1.35		34.679	25.5	8.26	6.13	
SSW28"	5/9/07	945	0.19	5.9	0.38	5.3	0.44	6.2	1.5	43	0.4	13.3	6.5	91	1.80		34.751	25.8	8.26	6.44	
SSW28"	6/27/07	900	0.17	5.3	0.56	7.9	0.07	1.0	2.9	81	0.0		0.0		2.15		34.790	26.7	8.28	6.55	
SSW28"	7/30/07	1012	0.20	6.1	0.05	0.7	0.32	4.5	3.9	109	0.35	10.8	7.0	98	2.80		35.000	26.6	8.12	6.3	
SSW28"	8/30/07	1215	0.15	4.8	0.16	2.3	0.54	7.5	1.4	40	0.24	7.3	5.2	72	2.55		34.879	26.8	8.21	6.2	
SSW28"	9/21/07	1132	0.18	5.5	0.16	2.2	0.34	4.8	1.8	52	0.39	12.2	11.7	163	1.95		34.937	27.2	8.23	6.3	
SSW28"	10/30/07	1131	0.19	5.8	0.19	2.6	0.45	6.3	18.2	512	0.24	7.5	5.7	80	1.10		35.080	26.8	8.25	6.2	
SSW28"	11/27/07	1255	0.19	5.9	0.01	0.2	0.42	5.9	1.8	52	0.30	9.2	6.6	93	1.10		34.955	26.3	8.24	6.1	
SSW28"	12/28/07	1531	0.07	2.1	0.13	1.8	0.03	0.4	2.4	69	0.00		0.0		0.80		34.833	25.3	8.20	6.0	
SSW28"	1/30/08	924	0.08	2.5	0.16	2.3	0.18	2.5	28.2	792	0.00		0.0		1.55		34.940	24.2	8.13	6.1	
SSW28"	2/28/08	1419	0.04	1.2	0.19	2.7	0.05	0.7	5.2	146	0.29	9.1	7.6	106	2.40		34.950	24.5	8.13	6.5	
SSW28"	3/31/08	1146	0.04	1.2	0.06	0.9	0.05	0.7	8.8	247	0.36	11.0	7.1	99	2.60		34.900	24.5	8.15	6.5	
SSW28"	4/25/08	916	0.15	4.6	0.33	4.6	0.15	2.1	2.0	57	0.33	10.2	5.0	70	0.90		34.622	25.0	8.18	6.6	
SSW28"	5/23/08	933	0.14	4.4	0.17	2.4	0.16	2.3	NA	NA	0.22	6.9	5.2	73	6.30		34.805	25.3	8.29	6.4	
SSW28"	6/15/08	945	0.11	3.3	0.12	1.7	0.18	2.5	3.0	84	0.25	7.6	10.5	147	0.55		34.648	25.3	8.25	6.1	
SSW28"	7/18/08	1400	0.14	4.4	0.17	2.4	0.09	1.3	1.8	51	0.05	1.5	9.8	137	0.25		34.719	26.2	8.11	6.2	
SSW28"	8/13/08	1209	0.58	18.1	0.34	4.7	0.58	8.1	8.5	238	0.20	6.1	7.9	110	0.31		34.408	26.4	8.03		
SSW28"	9/8/08	1041	0.05	1.7	0.36	5.0	4.61	64.6	2.3	65	0.15	4.6	7.1	99	1.06		34.88	26.1	8.06		
SSW28"	10/23/08	1112	0.22	6.9	0.40	5.6	0.80	11.2	1.3	37	0.81	25.1	10.0	139	0.29		35.09	26.2	8.19	4.9	
SSW28"	11/28/08	1047	0.09	2.8	0.49	6.8	0.18	2.5	2.0	55	0.41	12.7	5.3	74	2.30		35.15	25.3	8.28	5.9	
SSW28"	12/30/08	948	0.13	3.9	0.21	2.9	0.44	6.1	1.7	48	0.37	11.4	7.0	98	1.07		35.24	25.3	8.24	5.8	
SSW28"	1/12/09	1152	0.20	6.3	0.46	6.4	0.12	1.7	2.4	67	0.49	15.3	10.5	147	0.61		35.008	25.2	8.30	6.2	
SSW28"	2/20/09	1320	0.12	3.6	0.27	3.8	1.06	14.9	2.5	71	0.70	21.7	10.7	150	2.01	0.11	35.16	24.1	8.23	6.6	
SSW28"	3/30/09	1315	0.21	6.4	0.99	13.8	0.37	5.2	3.0	83	0.44	13.7	4.6	65	N/A		35.136	24.0	8.28	6.7	
SSW28"	4/30/09	1025	0.36	11.3	0.25	3.5	1.26	17.6	2.2	62	0.53	16.4	7.5	105	0.66		35.000	23.6	8.19	6.7	
SSW28"	5/15/09	1400	0.24	7.3	0.47	6.6	0.19	2.7	1.6	45	0.87	27.1	7.1	99	0.85		35.15	25.4	NA	6.3	
SSW28"	6/10/09	1053	0.52	16.1	0.26	3.7	0.29	4.1	2.0	57	0.66	20.3	6.2	87	0.67		34.617	27.0	8.29	5.8	
SSW28"	7/10/09	1045	0.41	12.8	0.67	9.4	0.59	8.3	7.4	209	0.33	10.3	6.8	95	0.98		35.21	26.2	8.47	6.3	

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)
SSW28"	8/27/09	1009	0.15	4.8	0.22	3.1	0.19	2.7	3.4	95	0.28	8.8	6.7	93	0.64	0.04	34.97	26.6	8.20	6.0	
SSW28"	9/17/09	1144	0.11	3.4	1.01	14.2	0.74	10.4	15.1	424	0.34	10.4	4.2	59	0.37	0.02	35.37	26.5	8.06	5.9	
SSW28"	10/26/09	1047	0.07	2.1	0.26	3.6	0.25	3.5	3.7	103	0.32	9.8	5.2	74	0.58		35.40	26.6	8.47	5.8	
SSW28"	11/19/09	1431	0.16	5.1	0.25	3.5	0.55	7.7	1.7	48	0.47	14.5	8.6	121	0.84		35.47	25.9	8.30	6.1	
SSW28"	12/3/09	935	0.15	4.6	0.20	2.8	0.49	6.9	4.4	123	0.39	12.2	4.1	58	0.80		35.33	24.7	8.18	6.2	
SSW28"	1/14/10	940	0.20	6.2	0.31	4.4	0.13	1.8	1.4	39	0.45	13.8	6.1	85	0.15		35.29	25.5	8.20	6.7	
SSW28"	2/16/10	1109	0.18	5.6	0.36	5.0	0.35	4.9	1.0	28	0.44	13.6	4.6	64	0.90		34.86	25.4	8.22	6.1	
SSW28"	3/15/10	903	0.12	3.7	0.06	0.9	0.06	0.8	9.2	259	0.36	11.1	3.7	52	1.20		34.91	24.6	8.20	6.7	
SSW28"	4/1/10	842	0.12	3.8	0.04	0.5	0.37	5.2	2.5	69	0.31	9.7	7.0	99	0.80	0.04	35.13	24.3	8.20	6.7	
SSW28"	5/10/10	846	0.08	2.5	0.64	8.9	0.28	3.9	16.0	450	0.49	15.2	6.7	93	1.65	0.06	35.01	25.3	8.22	6.4	
SSW28"	6/23/10	920	0.04	1.1	0.44	6.2	0.19	2.6	1.2	35	0.36	11.2	6.2	86	1.5	0.09	35.05	25.5	8.22	6.1	
SSW28"	7/1/10	1020	0.04	1.2	0.35	4.9	0.40	5.6	7.7	217	0.4	11.7	7.3	102	0.95	0.06	34.99	25.5	8.21	6.31	
SSW28"	8/5/10	925	0.10	3.1	0.54	7.5	0.16	2.2	2.5	71	0.3	9.9	5.7	80	1.30	0.05	34.85	25.8	8.15	6.37	
SSW28"	9/2/10	939	0.04	1.1	0.28	3.9	0.10	1.4	0.9	26	0.3	10.1	5.2	73	1.35	0.04	34.83	25.9	8.25	6.28	
SSW28"	10/18/10	932	0.11	3.5	0.19	2.7	0.18	2.5	4.7	132	0.6	17.8	7.9	111	1.20	0.05	34.87	26.1	8.19	6.68	
SSW28"	11/4/10	955	0.05	1.7	0.46	6.4	0.19	2.7	3.2	91	0.4	11.0	5.5	77	0.95	0.12	35.00	26.4	8.23	6.15	
SSW28"	12/1/10	953	0.09	2.8	0.26	3.7	0.13	1.8	3.8	106	0.9	27.4	9.5	134	1.90	0.08	34.94	25.9	8.23	6.13	
SSW28"	1/25/11	948	0.18	5.6	0.30	4.2	0.23	3.2	2.2	62	0.6	18.1	6.7	94	0.95	0.02	34.92	25.2	8.21	6.22	
SSW28"	2/8/11	1001	0.14	4.3	0.32	4.5	0.46	6.5	1.3	37	0.5	14.4	5.0	70	1.10	0.07	35.16	25.1	8.25	6.36	
SSW28"	3/7/11	1049	0.22	6.7	0.28	3.9	0.31	4.4	2.2	63	0.6	18.5	4.0	56	0.95	0.09	34.57	25.2	8.23	6.25	
SSW28"	4/11/11	1100	0.16	4.9	0.30	4.2	0.15	2.1	0.7	19	0.4	12.7	4.3	60	1.17	0.09	35.12	25.1	8.17	5.72	
SSW28"	5/25/11	1150	0.10	3.2	0.48	6.7	0.31	4.3	0.7	19	0.4	12.1	4.5	64	1.03	0.06	34.76	25.4	8.24	5.86	
SSW28"	6/13/11	940	0.19	5.8	0.39	5.4	0.56	7.8	0.4	13	0.5	15.1	9.1	127	1.05	0.06	34.79	25.0	8.21	6.99	
SSW28"	7/21/11	840	0.21	6.4	0.45	6.3	0.29	4.1	0.5	15	0.4	12.5	4.7	66	0.90	0.02	34.81	25.5	8.18	6.50	
SSW28"	8/22/11	1008	0.10	3.2	0.36	5.1	0.16	2.3	0.5	14	0.3	9.1	5.0	70	1.03	0.04	34.91	25.6	8.22	6.52	
SSW28"	9/15/11	833	0.09	2.8	0.77	10.8	0.21	3.0	0.6	17	0.4	13.8	5.9	82	0.32	0.05	34.91	26.7	8.19	6.21	
SSW28"	10/4/11	1149	0.11	3.3	0.55	7.7	0.18	2.5	1.5	42	0.4	12.4	3.7	52	0.46	0.02	34.88	26.4	8.19	6.38	
SSW28"	11/21/11	1134	0.09	2.7	0.14	2.0	0.06	0.9	0.7	18	0.4	12.3	4.1	58	1.18	0.08	35.10	25.6	8.18	6.31	
SSW28"	12/27/11	1033	0.01	0.3	0.42	5.9	0.14	1.9	0.5	15	0.3	9.5	6.3	88	2.65	0.02	35.05	24.6	8.22	6.02	
SSW28"	1/30/12	1017	0.07	2.1	0.30	4.2	0.07	1.0	4.1	116	0.4	11.7	6.2	87	0.39	0.02	35.00	24.5	8.21	6.35	
SSW28"	2/27/12	1025	0.08	2.6	0.60	8.4	0.11	1.6	1.8	51	0.4	11.6	7.3	102	0.94	0.02	35.15	24.0	8.21	6.40	
SSW28"	3/28/12	952	0.17	5.2	0.21	2.9	0.58	8.1	0.6	17	0.4	13.8	5.2	73	0.87	0.09	35.04	23.9	8.21	6.39	
SSW28"	4/16/12	952	0.16	5.0	0.46	6.4	0.14	2.0	0.1	4	0.5	14.1	6.1	85	1.01	0.02	34.94	24.6	8.24	6.26	
SSW28"	5/24/12	958	0.15	4.8	0.37	5.2	0.24	3.3	1.9	54	0.5	14.7	5.3	74	0.88	0.05	35.04	24.6	8.22	6.53	
SSW28"	6/19/12	1007	0.14	4.3	0.47	6.6	0.37	5.2	2.8	79	0.4	12.5	10.5	147	0.93	0.09	35.21	24.9	8.22	6.64	
SSW28"	7/3/12	934	0.02	0.6	0.44	6.1	0.29	4.1	2.1	59	0.3	9.9	4.6	64	1.22	0.06	35.24	25.5	8.20	6.94	
SSW28"	8/27/12	1036	0.05	1.4	0.70	9.8	0.45	6.3	2.5	71	0.4	12.4	7.0	99	1.08	0.05	35.30	26.0	8.20	6.30	
SSW28"	9/26/12	1011	0.07	2.2	0.46	6.4	0.14	1.9	1.7	48	0.5	14.5	10.0	141	1.27	0.02	35.27	26.6	8.20	6.02	
SSW28"	10/10/12	936	0.04	1.3	0.54	7.6	0.24	3.4	2.2	62	0.4	12.7	7.1	100	0.97	2.85	35.29	26.5	8.21	5.99	
SSW28"	11/19/12	1309	0.12	3.8	0.79	11.0	0.29	4.1	4.9	137	0.4	12.8	7.1	100	0.72	0.03	35.24	26.0	8.26	6.57	
SSW28"	12/19/12	924	0.17	5.4	0.60	8.4	0.54	7.6	6.2	175	0.5	14.9	6.8	96	2.11	0.03	35.27	25.1	8.24	6.34	
SSW28"	1/4/13	950	0.11	3.5	0.50	7.0	0.19	2.7	0.4	10	0.4	13.3	4.6	64	1.07	0.04	35.28	25.1	8.20	6.28	
SSW28"	2/13/13	1003	0.17	5.4	0.36	5.0	0.14	2.0	1.7	48	0.4	13.7	4.7	65	1.09	0.08	35.19	24.5	8.21	6.03	
SSW28"	3/1/13	1110	0.13	4.0	0.54	7.6	0.47	6.6	1.8	51	0.4	12.9	4.5	62	2.33	0.02	34.97	24.3	8.22	6.36	
SSW28"	4/3/13	1204	0.09	2.7	0.15	2.1	0.14	1.9	2.4	67	0.4	12.3	4.9	68	1.06	0.02	35.30	24.5	8.20	6.33	
SSW28"	5/29/13	1033	0.27	8.4	0.21	3.0	0.36	5.1	1.2	33	0.7	20.8	7.3	103	1.31	0.02	34.97	26.4	8.20	6.09	
SSW28"	6/13/13	1015	0.27	8.5	0.51	7.1	0.50	7.0	1.8	51	0.6	17.8	5.3	74	1.03	0.06	35.09	25.8	8.17	5.96	
SSW28"	7/1/13	926	0.22	6.9	0.49	6.8	0.26	3.7	1.7	47	0.6	17.5	6.8	96	0.90	0.11	34.91	26.3	8.23	6.39	
SSW28"	8/14/13	949	0.13	4.1	0.36	5.1	0.17	2.4	1.8	51	0.4	13.6	5.0	70	1.15	0.03	35.27	26.6	8.23	6.14	
SSW28"	9/18/13	946	0.19	6.0	0.01	0.1	0.38	5.3	1.7	49	0.5	15.5	5.4	76	1.05	0.02	35.03	27.1	8.20	5.92	

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)
SSW28"	10/10/13	922	0.22	6.7	0.52	7.3	0.29	4.0	2.2	63	0.6	18.9	6.1	86	0.86	0.07	35.10	26.0	8.20	6.30	
SSW28"	11/21/13	936	0.19	5.9	0.19	2.7	0.35	4.9	1.8	51	0.5	14.5	4.5	63	1.15	0.02	35.22	26.4	8.21	6.32	
SSW28"	12/23/13	918	0.16	5.1	0.14	2.0	0.34	4.7	1.4	38	0.5	16.4	5.6	78	1.13	0.02	35.24	26.0	8.23	6.08	
SSW28"	1/23/14	1144	0.16	5.0	0.24	3.3	0.30	4.2	1.7	49	0.5	15.2	7.4	104	1.93	0.02	35.27	25.0	8.21	6.46	
SSW28"	2/12/14	1033	0.17	5.2	0.32	4.5	0.61	8.5	2.0	55	0.4	13.7	5.7	80	1.13		34.93	25.6	8.21	6.98	
SSW28"	3/17/14	1007	0.26	7.9	0.39	5.4	0.21	2.9	2.2	61	0.7	20.3	7.5	105	1.40	0.04	34.73	25.5	8.20	6.69	
SSW28"	4/10/14	1101	0.22	6.7	0.24	3.3	0.21	3.0	1.6	44	0.5	15.8	6.6	92	1.51	0.02	34.92	25.6	8.21	6.18	
SSW28"	5/13/14	1426	0.19	5.9	0.27	3.8	0.39	5.4	2.1	58	0.5	14.0	6.6	93	1.20	0.04	34.92	25.8	8.23	6.28	
SSW28"	6/24/14	1229	0.28	8.6	0.39	5.4	0.49	6.8	2.8	78	0.8	24.8	7.3	102	1.32	0.02	34.89	25.9	8.20	6.36	
SSW28"	7/23/14	1155	0.24	7.5	0.50	7.0	0.34	4.7	1.6	44	0.5	15.6	7.6	106	1.47	0.07	35.01	26.5	8.21	6.21	
SSW28"	8/11/14	1118	0.16	5.0	0.80	11.2	0.45	6.3	0.6	17	0.4	11.3	7.9	111	1.80	0.05	34.96	26.0	8.20	5.98	
SSW28"	9/28/14	1123	0.19	5.8	1.11	15.6	0.21	3.0	9.3	260	0.5	15.9	10.3	144	1.64	0.08	35.01	28.0	8.21	5.71	
SSW28"	10/15/14	1252	0.20	6.2	0.76	10.7	0.31	4.3	0.8	22	0.6	17.8	11.0	154	1.51	0.10	35.05	27.8	8.22	5.94	
SSW28"	11/25/14	1212	0.18	5.6	0.44	6.2	0.10	1.4	0.2	6	0.5	14.4	7.5	105	2.35	0.02	34.98	27.1	8.23	6.40	
SSW28"	12/30/14	1022	0.16	5.1	0.44	6.1	0.33	4.6	0.1	3	0.4	13.8	5.4	75	1.12	0.03	35.29	25.2	8.21	6.14	
SSW28"	1/21/15	1106	0.21	6.6	0.16	2.3	0.35	4.9	0.8	22	0.5	15.5	6.0	84	7.72	0.02	35.34	25.2	8.24	6.59	
SSW28"	2/18/15	1002	0.26	8.0	0.51	7.1	0.49	6.8	3.2	91	0.6	17.3	8.4	118	5.06	0.07	35.28	25.0	8.05	6.36	
SSW28"	3/9/15	1323	0.22	6.8	1.26	17.6	0.56	7.8	2.8	78	0.4	13.8	10.6	148	1.85	0.05	34.55	25.2	8.23	6.50	
SSW28"	4/28/15	849	0.18	5.7	0.38	5.3	0.41	5.8	2.2	61	0.4	13.6	6.7	95	5.10	0.08	34.85	25.7	8.18	6.00	
SSW28"	5/14/15	1017	0.18	5.7	0.03	0.4	0.24	3.3	0.4	11	0.6	17.2	5.6	78	1.06	0.03	34.98	24.9	8.19	6.48	
SSW28"	6/2/15	917	0.37	11.4	0.35	4.9	0.16	2.2	1.9	52	0.4	13.8	8.6	121	1.65	0.03	34.51	25.9	8.15	5.81	
SSW28"	7/7/15	833	0.05	1.7	0.11	1.5	0.14	2.0	1.1	31	0.1	1.7	8.8	123	1.80	0.08	34.89	25.2	8.11	6.53	
SSW28"	8/14/15	1017	0.21	6.6	1.41	19.8	0.17	2.4	1.7	47	0.4	11.9	10.5	148	1.70	0.02	34.88	27.9	8.15	6.17	
SSW28"	9/16/15	943	0.17	5.2	1.09	15.2	0.23	3.2	2.2	63	0.4	13.4	10.5	147	1.75	0.09	34.36	29.8	8.07	5.73	
SSW28"	10/28/15	1439	0.20	6.2	1.09	15.3	0.34	4.8	6.0	169	0.5	14.6	6.4	89	1.80	0.07	34.58	28.2	8.20	6.26	
SSW28"	11/5/15	1024	0.16	4.9	1.19	16.7	0.05	0.7	0.8	21	0.4	11.1	6.0	85	1.80	0.09	34.41	34.4	8.15	4.90	
SSW28"	12/9/15	1106	0.20	6.3	1.17	16.4	0.41	5.8	2.6	72	0.6	17.9	6.1	85	1.65	0.06	34.28	33.5	8.19	4.96	
SSW28"	1/15/16	1052	0.14	4.3	2.19	30.7	0.37	5.2	2.2	62	0.4	12.2	8.1	114	1.40	0.05	34.42	25.3	8.18	5.95	
SSW28"	2/11/16	908	0.10	3.0	0.99	13.8	0.12	1.7	1.2	35	0.4	13.6	6.8	95	1.65	0.04	34.68	26.0	8.15	6.03	
SSW28"	3/3/16	1052	0.11	3.3	0.68	9.5	0.14	2.0	0.3	9	0.5	14.3	5.8	82	1.80	0.06	34.78	25.3	8.18	6.29	
SSW28"	4/12/16	1110	0.12	3.7	1.05	14.7	0.38	5.3	0.2	7	0.3	10.8	6.9	97	1.85	0.04	34.81	25.5	8.12	5.70	
SSW28"	5/10/16	1034	0.13	4.1	0.57	8.0	0.14	1.9	0.1	4	0.5	14.4	4.5	63	1.55	0.02	34.72	26.1	8.16	5.77	
SSW28"	6/15/16	922	0.08	2.6	1.60	22.4	0.14	1.9	0.3	10	0.4	11.2	6.1	86	1.80	0.08	34.64	26.3	8.35	6.29	
SSW28"	7/1/16	924	0.10	3.0	0.59	8.2	0.35	4.9	0.0	1	0.3	9.5	4.5	63	1.80	0.07	34.81	26.3	8.26	6.34	
SSW28"	8/25/16	912	0.03	1.0	0.34	4.8	0.53	7.4	1.1	30	0.5	14.7	6.4	89	1.85	0.07	34.82	27.8	8.40	5.76	
SSW28"	9/15/16	936	0.01	0.4	0.33	4.6	0.12	1.7	0.6	16	0.3	10.3	4.3	61	1.60	0.03	34.87	27.5	8.25	6.33	
SSW28"	10/20/16	858	0.30	9.4	0.59	8.2	1.10	15.4	1.8	50	0.6	17.9	7.6	107	1.85	0.07	34.89	27.7	8.22	6.13	
SSW28"	11/4/16	926	0.00	0.1	0.67	9.4	0.14	1.9	0.7	19	0.5	16.7	5.4	76	1.95	0.06	34.98	26.7	8.18	6.09	
SSW28"	12/29/16	926	0.03	1.0	0.31	4.4	0.10	1.4	1.0	27	0.3	10.1	4.4	61	1.65	0.04	34.97	26.9	8.15	5.46	
SSW28"	1/27/17	1033	0.00	0.1	0.30	4.2	0.29	4.1	3.5	97	0.3	10.3	4.1	58	1.45	0.06	34.97	25.1	8.17	6.23	
SSW28"	2/23/17	925	0.09	2.7	0.24	3.3	0.23	3.2	0.5	15	0.3	7.8	3.2	44	5.45	0.05	34.58	24.9	8.26	6.38	
SSW28"	3/17/17	916	0.11	3.3	0.09	1.2	0.37	5.2	1.1	31	0.4	12.4	2.5	35	6.30	0.08	34.68	25.0	8.20	6.24	
SSW28"	4/10/17	1052	0.11	3.3	0.08	1.1	0.39	5.5	1.1	31	0.3	10.5	3.1	43	1.95	0.06	35.09	25.2	8.16	6.15	
SSW28"	5/17/17	854	0.08	2.5	0.32	4.5	0.23	3.2	0.7	20	0.4	11.5	4.0	56	1.80	0.06	34.50	25.7	8.17	5.98	
SSW28"	6/13/17	839	0.05	1.6	0.06	0.8	0.20	2.8	1.7	49	0.3	10.7	3.3	46	1.70	0.07	34.68	25.8	8.21	6.40	
SSW28"	7/13/17	1008	0.04	1.2	0.34	4.7	0.29	4.0	0.9	26	0.3	10.3	3.3	46	2.10	0.08	34.99	27.9	8.20	5.10	
SSW28"	8/2/17	902	0.16	4.9	0.09	1.3	0.30	4.2	0.6	16	0.4	13.0	5.0	71	1.75	0.07	34.97	27.1	8.16	6.31	
SSW28"	9/12/17	905	0.07	2.1	0.06	0.8	0.81	11.3	0.5	14	0.4	12.0	3.4	48	1.50	0.08	34.70	27.4	8.17	6.51	
SSW28"	10/12/17	951	0.15	4.6	0.04	0.6	0.50	7.0	1.6	46	0.4	13.7	4.8	68	2.15	0.04	34.96	28.0	8.14	5.61	
SSW28"	11/29/17	858	0.10	3.1	0.06	0.9	0.62	8.7	1.6	46	0.4	11.8	3.2	45	1.10	0.06	35.04	26.2	8.18	5.82	

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)
SSW28"	12/27/17	1023	0.10	3.0	0.15	2.1	0.47	6.6	1.0	27	0.4	11.7	2.6	36	1.70	0.05	35.29	25.3	8.15	6.04	
SSW28"	1/11/18	931	0.03	1.0	0.26	3.7	0.20	2.8	0.5	13	0.3	8.7	2.6	36	5.50	0.07	34.91	25.2	8.20	6.33	
SSW28"	2/14/18	916	0.12	3.7	0.07	1.0	0.28	3.9	4.7	133	0.4	11.6	3.2	44	2.10	0.08	34.89	24.8	8.19	6.84	
SSW28"	3/23/18	959	0.12	3.6	0.13	1.8	0.22	3.1	1.5	41	0.4	12.5	3.5	49	1.55	0.07	34.62	24.6	8.19	6.39	
SSW28"	4/24/18	937	0.08	2.4	0.38	5.3	0.28	3.9	5.0	142	0.3	10.1	1.6	22	1.85	0.05	34.49	25.6	8.23	6.09	
SSW28"	5/8/18	850	0.09	2.7	0.25	3.5	0.68	9.5	0.6	16	0.4	11.7	2.1	30	1.25	0.04	34.60	25.5	8.17	6.07	
SSW28"	6/20/18	921	0.12	3.7	0.34	4.8	0.65	9.1	1.3	36	0.4	12.3	3.4	47	5.30	0.07	35.30	26.8	8.15	5.21	
SSW28"	7/12/18	1116	0.14	4.3	0.06	0.9	0.25	3.5	1.7	49	0.4	13.8	2.4	34	1.40	0.07	34.57	26.7	8.18	6.24	
SSW28"	8/13/18	1030	0.04	1.1	0.74	10.4	0.31	4.4	0.0	0	0.3	7.8	4.7	66	1.80	0.06	34.58	27.2	8.22	5.66	
SSW28"	9/18/18	1457	0.00	0.1	0.57	8.0	0.49	6.8	0.1	3	0.3	9.8	3.4	47	1.70	0.08	34.69	27.9	8.22	6.01	
SSW28"	10/11/18	1046	0.07	2.3	0.09	1.2	0.27	3.8	0.2	7	0.3	10.5	3.4	47	5.65	0.06	34.96	27.4	8.17	4.50	
SSW28"	11/2/18	945	0.05	1.6	0.06	0.8	0.24	3.3	0.8	23	0.4	11.2	5.6	78	5.45	0.07	34.69	27.8	8.17	5.91	
SSW28"	12/21/18	1047	0.13	4.1	0.09	1.3	0.41	5.8	0.6	17	0.4	12.4	3.2	45	6.20	0.07	34.81	25.5	8.21	3.74	
SSW28"	1/15/19	1044	0.10	3.1	0.13	1.8	0.11	1.6	1.4	40	0.4	11.4	5.1	71	5.55	0.08	34.94	24.7	8.17	6.21	
SSW28"	2/13/19	858	0.03	0.9	0.10	1.4	0.49	6.9	0.9	26	0.3	9.3	2.6	37	1.55	0.11	34.58	24.3	8.14	6.49	
SSW28"	3/7/19	1455	0.17	5.2	0.61	8.5	0.27	3.8	0.0	1	0.4	12.8	2.0	28	4.95	0.06	35.15	24.7	8.12	6.79	
SSW28"	4/25/19	1006	0.10	3.0	0.47	6.6	0.03	0.4	0.6	18	0.4	11.3	1.8	26	6.15	0.04	35.22	25.8	8.10	6.57	
SSW28"	5/7/19	1044	0.05	1.7	0.37	5.2	0.51	7.2	0.7	20	0.3	9.5	3.1	44	2.00	0.05	35.52	25.7	8.18	6.36	
SSW28"	6/20/19	1151	0.03	0.8	0.49	6.9	0.50	7.0	0.5	13	0.2	7.1	1.9	27	1.45	0.06	36.03	26.1	8.20	6.36	
SSW28"	7/17/19	1053	0.09	2.8	0.25	3.5	0.11	1.5	0.5	13	0.3	9.8	2.1	29	1.10	0.06	35.72	27.2	8.20	6.52	
SSW28"	8/23/19	1507	0.13	3.9	-0.22	-3.1	0.14	2.0	1.7	47	0.4	11.0	2.3	32	0.80	0.06	35.05	28.4	8.18	5.97	
SSW28"	9/26/19	1110	0.06	2.0	0.23	3.2	0.07	1.0	1.5	41	0.3	9.7	2.5	35	4.65	0.07	34.75	28.3	8.18	7.20	
SSW28"	10/8/19	1058	0.03	0.8	0.25	3.5	0.33	4.6	0.6	17	0.3	7.9	3.1	44	0.55	0.06	35.34	28.5	8.21	6.69	
SSW28"	11/14/19	1029	0.04	1.3	0.04	0.6	0.01	0.1	1.0	29	0.2	7.3	2.9	41	0.85	0.05	34.79	27.5	8.14	6.33	
SSW28"	12/17/19	955	0.15	4.8	-0.24	-3.3	0.31	4.3	1.1	31	0.4	12.3	5.6	78	2.10	0.07	34.96	26.6	8.21	6.13	
SSW28"	1/9/20	1125	0.14	4.4	-0.38	-5.3	0.10	1.4	-0.6	-18	0.4	12.3	2.3	33	5.45	0.05	34.94	26.0	8.14	6.50	
SSW28"	2/4/20	1339	0.12	3.6	-0.69	-9.6	-0.25	-3.5	-0.4	-13	0.4	11.6	2.0	29	1.35	0.03	35.32	25.3	8.15	6.68	
SSW28"	3/17/20	1535	0.07	2.2	-0.71	-10.0	0.06	0.8	-0.4	-10	0.3	9.6	6.2	87	1.90	0.02	35.26	25.1	8.22	6.60	
SSW28"	4/1/20	COVID 19																			
SSW28"	5/21/20	1221	0.15	4.5	-0.54	-7.6	0.41	5.8	0.1	3	0.3	9.3	2.4	33	1.45	0.02	36.08	25.9	8.12	6.45	
SSW28"	6/9/20	947	0.05	1.6	-0.49	-6.9	0.46	6.4	-0.3	-9	0.4	10.9	3.0	42	1.15	0.03	36.44	25.8	8.19	6.19	
SSW28"	7/14/20	1123	0.11	3.4	-0.27	-3.8	0.24	3.4	0.9	26	0.3	10.1	1.7	24	0.95	0.06	34.20	26.1	8.13	6.14	
SSW28"	8/25/20	958	0.06	1.9	-0.24	-3.4	0.51	7.1	0.4	10	0.2	6.8	6.0	84	1.50	0.03	35.93	26.6	8.15	5.74	
SSW28"	9/30/20	957	0.16	4.9	0.40	5.6	0.10	1.4	1.8	51	0.2	6.9	5.7	80	0.70	0.06	35.22	26.8	8.14	6.45	
SSW28"	10/14/20	1115	0.12	3.7	0.43	6.0	0.25	3.5	0.5	15	0.2	6.8	5.2	73	1.10	0.04	35.30	26.9	8.13	6.42	
SSW28"	11/4/20	1144	0.15	4.8	0.42	5.9	0.40	5.6	0.3	9	0.5	15.1	8.4	117	1.4	0.04	35.46	27.2	8.15	6.41	
SSW28"	12/4/20	1013	0.13	4.1	-0.14	-1.9	0.11	1.6	0.1	3	0.2	6.9	4.8	67	1.00	0.05	35.55	26.6	8.14	6.42	
SSW28"	1/14/21	1041	0.07	2.2	0.34	4.8	0.09	1.3	0.4	11	0.1	3.9	5.1	71	2.25	0.05	35.81	26.0	8.15	6.52	
SSW28"	2/11/21	940	0.02	0.7	-0.04	-0.5	0.00	0.0	0.3	9	0.0	0.2	4.9	69	0.65	0.06	35.75	25.2	8.14	6.58	
SSW28"	3/24/21	1221	0.12	3.6	0.10	1.4	0.06	0.8	-0.4	-13	0.2	5.0	4.7	66	1.20	0.10	35.73	25.1	8.09	6.74	
SSW28"	4/13/21	1120	0.05	1.7	0.21	2.9	0.11	1.5	-0.8	-22	0.1	4.4	5.0	71	1.25	0.09	35.56	25.0	8.09	6.72	
SSW28"	5/4/21	1146	0.03	0.8	0.24	3.3	0.11	1.6	-0.5	-13	0.1	2.4	7.7	108	1.45	0.11	35.75	25.2	8.07	6.79	
SSW28"	6/22/21	1103	0.02	0.6	7.33	102.7	0.21	3.0	0.2	7	0.2	6.0	8.6	121	2.10	0.07	35.87	25.2	8.08	6.77	
SSW28"	7/1/21	1509	0.03	0.8	-0.39	-5.5	0.20	2.8	0.1	4	0.2	7.2	4.4	61	1.65	0.06	35.45	25.5	8.07	6.71	
SSW28"	8/11/21	1024	0.05	1.4	0.05	0.7	0.15	2.1	0.3	10	0.2	5.0	8.2	115	1.35	0.08	35.42	26.8	8.02	6.59	
SSW28"	9/7/21	1032	0.01	0.2	-0.19	-2.7	0.19	2.6	-0.4	-11	0.1	4.6	4.7	66	1.10	0.07	35.51	26.8	8.04	6.53	
SSW28"	10/19/21	1451	0.05	1.4	-0.35	-4.9	0.14	1.9	0.1	2	0.2	4.9	4.6	64	2.05	0.11	35.62	26.0	8.02	6.68	
SSW28"	11/4/21	1549	0.04	1.3	-0.13	-1.8	0.16	2.3	0.2	6	0.2	5.4	4.3	60	0.85	0.14	35.31	25.8	7.99	6.66	
SSW28"	12/21/21	1413	0.10	3.1	0.50	7.0	0.01	0.2	-0.4	-11	0.2	6.9	4.1	58	0.75	0.07					
SSW28"	1/27/22	1029	0.00	-0.1	0.02	0.3	0.06	0.9	0.2	7	0.2	5.1	4.2	59	1.00	0.02					
SSW28"	2/3/22	1121	0.00	0.0	0.07	1.0	0.15	2.1	0.2	4	0.1	1.6	4.6	64	1.20	0.07	34.88	25.2	8.12	6.73	

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)
SSW28"	3/19/22	1045	0.09	2.8	-0.43	-6.0	0.04	0.6	-0.1	-4	0.1	4.3	4.8	67	0.90	0.06	34.54	25.1	8.11	6.76	
SSW28"	4/12/22	1139	0.04	1.1	-0.23	-3.2	0.03	0.4	0.3	9	0.2	5.7	4.2	59	0.95	0.11	34.90	25.3	8.06	6.80	
SSW28"	5/10/22	1011	0.14	4.3	0.28	3.9	0.17	2.4	0.7	19	0.4	11.4	4.2	59	1.20	0.05	34.49	25.3	8.10	6.76	
SSW28"	6/1/22	1019	-0.03	-0.8	-0.08	-1.1	-0.04	-0.6	3.0	83	0.1	4.0	4.3	60	1.20	0.10	34.62	25.8	8.08	6.78	
SSW28"	7/21/22	1155	0.03	1.0	-0.09	-1.2	0.07	1.0	1.5	42	0.1	3.8	5.0	70	1.15	0.05	34.88	26.2	8.07	6.65	
SSW28"	8/2/22	1514	0.02	0.6	-0.09	-1.2	0.19	2.7	0.7	21	0.1	4.5	4.5	63	1.20	0.07	34.83	26.8	8.04	6.62	
SSW28"	9/8/22	1042	-0.04	-1.1	0.08	1.1	0.29	4.1	0.7	20	0.1	4.2	5.0	69	0.95	0.08	35.01	26.7	8.14	6.67	
SSW28"	10/12/22	1049	0.02	0.6	0.11	1.6	0.09	1.2	2.0	55	0.2	5.6	4.4	62	1.65	0.05	34.87	27.5	8.12	6.58	
SSW28"	11/16/22	1003	-0.01	-0.4	0.09	1.3	0.22	3.1	1.7	48	0.2	5.0	5.4	76	0.55	0.04	34.97	26.9	8.13	6.52	
SSW28"	12/8/22	1116	-0.05	-1.6	0.07	1.0	0.16	2.3	1.2	34	0.1	3.3	4.8	67	1.10	0.05	35.08	25.9	8.11	6.60	
SSW28"	1/17/23	1029	0.13	3.9	0.10	1.4	0.14	1.9	1.4	40	0.3	7.8	4.3	61	1.05	0.03	34.86	25.2	8.14	6.72	
SSW28"	2/16/23	931	0.06	1.8	-0.29	-4.0	0.11	1.5	1.3	38	0.2	6.8	4.7	65	1.00	0.04	34.27	24.6	8.12	6.80	
SSW28"	3/10/23	1112	0.14	4.2	0.27	3.8	0.21	2.9	2.2	62	0.3	9.3	8.8	123	1.10	0.07	34.65	24.0	8.13	6.91	
SSW28"	4/21/23	1109	0.13	4.0	1.14	15.9	0.07	1.0	1.8	51	0.2	7.5	4.2	59	1.95	0.06	34.63	25.1	8.08	6.79	
SSW28"	5/31/23	1105	0.05	1.7	-0.09	-1.2	0.18	2.5	1.6	46	0.2	6.9	4.8	67	2.50	0.07	34.78	25.9	8.08	6.69	
SSW28"	6/30/23	1011	0.18	5.6	0.06	0.9	0.39	5.5	1.2	34	0.3	9.9	4.9	68	2.40	0.08	34.77	26.0	8.12	6.61	
SSW28"	7/12/23	1609	0.04	1.1	-0.02	-0.3	0.05	0.7	1.0	28	0.2	6.3	5.0	70	1.10	0.06	34.64	26.2	8.09	6.72	
SSW28"	8/4/23	1037	0.11	3.4	-0.06	-0.8	0.28	3.9	0.0	0.2	0.3	8.1	5.3	75	0.85	0.05	34.74	26.3	8.11	6.61	
SSW28"	9/6/23	1341	0.19	5.8	0.01	0.1	0.30	4.2	1.6	46	0.3	9.2	4.4	62	1.05	0.07	34.71	26.5	8.18	6.69	
SSW28"	10/24/23	1619	0.04	1.1	-0.28	-3.9	0.17	2.4	0.9	26	0.3	8.2	4.4	61	0.80	0.08	34.85	26.8	8.10	6.60	
SSW28"	11/14/23	958	0.11	3.3	-0.04	-0.5	0.20	2.8	1.1	32	0.2	7.5	5.1	71	0.70	0.10	34.90	26.5	8.15	6.55	
SSW28"	12/19/23	1203	0.04	1.3	0.06	0.8	0.49	6.9	1.5	42	0.2	4.7	4.1	57	1.65	0.06	34.99	26.0	8.12	6.57	
SSW28"	1/11/24	1530	0.07	2.2	-0.14	-1.9	0.17	2.4	0.8	22	0.1	3.6	4.7	67	1.45	0.11	35.00	25.3	8.12	6.68	
SSW28"	2/7/24	951	-0.08	-2.4	0.95	13.3	0.35	4.9	-0.5	-15	0.0	0.9	3.6	51	1.30	0.12	35.01	25.0	8.13	6.67	
SSW28"	3/13/24	1013	0.05	1.4	0.22	3.1	0.28	3.9	-1.2	-35	0.2	6.7	5.0	71	0.50	0.12	35.11	24.6	8.15	6.72	
SSW28"	4/2/24	1541	0.23	7.1	0.14	2.0	0.29	4.0	0.6	17	0.2	4.9	4.8	68	1.15	0.09	35.05	24.8	8.15	6.80	
SSW28"	5/23/24	1122	0.37	11.6	-0.02	-0.3	0.32	4.5	2.5	69	0.5	15.9	5.2	72	1.05	0.10	34.91	25.6	8.13	6.75	
SSW28"	6/7/24	1052	0.35	10.8	-0.03	-0.4	0.26	3.7	1.7	47	0.4	13.4	5.2	73	0.90	0.12	34.94	25.9	8.14	6.67	
SSW28"	7/24/24	1041	0.12	3.7	0.00	0.0	-0.03	-0.4	0.2	6	0.3	7.8	4.3	61	1.05	0.07	34.83	26.3	8.12	6.61	142.7
SSW28"	8/28/24	1046	0.15	4.6	0.00	0.0	0.44	6.2	0.3	9	0.3	9.1	3.7	52	1.30	0.04	34.81	26.8	8.13	6.54	218.2
SSW28"	9/17/24	1456	0.14	4.3	-0.08	-1.1	0.56	7.9	0.4	11	0.3	8.3	4.7	66	0.80	0.08	34.93	26.8	8.13	6.60	144.2
SSW28"	10/4/24	1026	0.19	5.9	0.39	5.5	-0.12	-1.7	1.6	45	0.3	9.9	4.7	66	1.45	0.06	34.94	26.7	8.12	6.51	217.9
SSW28"	11/22/24	1117	0.11	3.4	-0.01	-0.1	0.39	5.4	1.0	27	0.3	8.1	4.2	58	1.00	0.07	35.07	25.1	8.11	6.71	169.8
SSW28"	12/11/24	1359	0.14	4.4	-0.11	-1.6	0.36	5.1	2.1	58	0.3	8.8	4.5	62	0.85	0.06	34.92	25.7	8.11	6.67	160.0
SSW28"	1/7/25	1120	0.15	4.5	0.14	1.9	0.56	7.9	4.5	126	0.3	8.7	4.1	57	1.35	0.08	34.93	26.0	8.12	6.63	171.3
SSW28"	2/5/25	1026	0.04	1.3	0.01	0.2	0.00	0.0	0.2	4	0.2	5.5	5.1	72	0.65	0.10	34.79	25.4	8.12	6.64	163.0
SSW28"	3/20/25	1056	0.02	0.5	0.05	0.7	0.27	3.8	1.2	32	0.2	7.7	8.0	112	2.35	0.53	34.81	25.2	8.14	6.97	125.5
SSW28"	4/1/25	1140	0.03	0.8	0.19	2.6	0.14	1.9	0.6	16	0.1	4.2	4.9	68	1.60	0.05	34.62	26.3	8.12	6.85	182.1
SSW28"	5/9/25	1015	0.04	1.2	0.50	7.0	0.26	3.6	0.3	9	0.2	5.8	5.8	81	1.25	0.05	34.76	25.7	8.11	6.80	168.3
SSW28"	6/20/25	1401	0.05	1.6	-0.14	-1.9	0.13	1.8	1.0	29	0.2	5.5	4.9	68	1.25	0.08	34.88	26.6	8.06	6.82	220.7
SSW28"	7/23/25	1623	0.01	0.3	0.24	3.4	0.06	0.8	0.1	3	0.2	5.3	4.4	62	1.00	0.10	34.99	26.5	8.13	6.72	163.4
SSW28"	8/22/25	1030	0.01	0.2	0.05	0.7	0.11	1.6	-1.0	-27	0.2	5.8	6.9	97	1.15	0.07	34.98	26.8	8.08	6.63	157.4
SSW28"	9/19/25	1108	0.02	0.6	0.27	3.8	0.29	4.0	0.4	12	0.2	5.4	5.7	79	1.10	0.11	35.00	27.2	8.12	6.64	155.7
SSW28"	10/13/25	1007	-0.12	-3.8	-0.16	-2.3	-0.06	-0.9	-5.3	-150	0.1	2.3	4.2	58	1.15	0.11	35.03	26.7	8.05	6.49	155.0
SSW28"	11/21/25	1038	0.10	3.2	0.59	8.3	0.22	3.1	0.1	3	0.2	6.1	4.9	68	0.95	0.09	35.07	26.6	8.10	6.39	178.4
SSW28"	12/18/25	1339	0.00	0.0	0.30	4.1	0.04	0.5	0.3	8	0.2	6.4	5.4	76	1.05	0.09	8.07	26.3	8.07	6.46	187.3

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 (Jul. '82 - present)			0.13	3.99	0.25	3.51	0.26	3.69	2.70	75.83	0.35	10.93	5.17	72.69	1.23	0.08	34.73	25.81	8.24	6.65	166.9
STD DEV			0.06	1.82	0.33	4.60	0.22	3.07	2.47	69.5	0.11	3.4	1.40	19.3	1.16	0.21	0.88	1.2	0.07	0.74	28.4
Range																					
UWL	+2s		0.2	7.6	1	12.7	0.70	9.8	8	215	0.6	18	8	111	3.56	0.49	36.48	28.3	8.37	8.13	223.7
LWL	-2s		0.0	0.4	0	-5.7	-0.18	-2.5	-2	-63	0.1	4	2	34	-1.10	-0.34	32.97	23.3	8.11	5.17	110.2
UCL	+3s		0.3	9.5	1	17.3	0.92	12.9	10	284	0.7	21	9	131	4.72	0.70	37.35	29.5	8.44	8.87	252.0
LCL	-3s		0.0	-1.5	-1	-10.3	-0.39	-5.5	-5	-133	0.0	1	1	15	-2.26	-0.54	32.10	22.1	8.04	4.44	81.8
Data																					
Max. Value			0.6	18.1	7.33	102.7	4.61	64.6	37.4	1050	1.4	43.1	11.7	163	11.30	2.85	36.44	34.4	8.56	21.72	224.1
Min. Value			-0.12	-3.8	-0.71	-10.0	-0.25	-3.5	-5.3	-150	0.0	0.2	0.0	22	0.00	0.02	8.07	21.6	7.97	3.74	124.6