

McNulty Slough Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	7.42	46.05			7.78	12.54
12/17/2004	10.85	34.09	21.36	8.11	7.40	13.27
12/29/2004	9.01	27.87	17.08	7.71	7.16	11.93
1/28/2005	9.59	6.25	3.42	10.33	7.66	67.55
2/10/2005	8.95	25.75	15.67	9.49	7.53	16.93
2/25/2005	12.07	5.81	3.16	8.14	7.40	19.93
3/18/2005	18.94	19.32	11.53	9.12	7.49	23.68
3/25/2005	11.50	6.53	3.59	6.73	7.41	27.92
4/8/2005	11.15	2.72	1.42	9.40	7.70	28.48
4/22/2005	17.25	4.77	2.57	4.80	7.60	46.40
5/4/2005	17.66	17.81	10.56	7.98	7.89	19.39
5/20/2005	18.68	3.30	1.73	7.98	7.81	57.34
6/3/2005	16.75	12.35	7.11	3.52	7.57	35.45
6/29/2005	24.91	24.75	15.04	10.61	8.39	17.49
7/8/2005	23.32	30.75	19.11	12.34	8.54	25.08
7/22/2005	21.06	35.76	22.60	6.23	8.00	18.23
8/5/2005	19.84	37.64	23.92	5.72	7.89	16.31
8/19/2005	18.54	35.21	22.23	7.07	7.91	10.81
9/2/2005	17.09	35.38	22.35	2.72	7.66	25.40
9/16/2005	14.69	40.51	25.93	6.24	7.97	27.00
9/30/2005	16.74	47.45	30.93	5.08	7.80	20.41
10/14/2005	14.22	48.51	31.66	6.57	7.92	4.13
10/28/2005	12.21	46.67	30.26	6.89	7.87	4.97
11/4/2005	12.10	47.23	30.66	6.87	7.62	3.32
11/18/2005	11.35	45.88	29.65	9.55	7.96	6.19
12/2/2005	9.72	19.11	11.35	8.63	7.62	13.22
12/16/2005	8.74	40.69	25.84	8.56	7.76	8.57
12/30/2005	11.40	0.56	0.27	9.94	7.68	315.56
1/13/2006	9.86	7.34	4.06	8.49	7.54	31.72
1/26/2006	8.97	15.88	9.28	9.49	7.83	32.33
2/10/2006	14.19	12.37	7.12	9.90	7.56	69.53
2/24/2006	12.26	26.96	16.55	8.87	7.96	22.83
3/10/2006	8.54	22.89	13.78	10.42	7.89	35.74
3/17/2006	8.16	2.93	1.53	10.33	7.11	28.27
4/14/2006	15.83	8.79	4.93	7.33	7.32	27.41
4/28/2006	15.45	6.34	3.48	5.49	7.30	44.98
5/12/2006	14.23	8.09	4.51	6.85	7.85	38.20
5/26/2006	17.34	33.01	20.71	6.28	7.83	20.52
6/9/2006	16.08	36.58	23.18	5.54	7.81	24.88
6/23/2006	16.14	43.11	27.80	6.93	7.89	16.23
7/7/2006	17.41	36.74	23.30	6.14	7.69	24.96
7/20/2006	18.14	44.73	28.98	3.34	7.80	15.50
8/4/2006	20.07	48.43	31.66	7.97	7.80	16.76
8/18/2006	18.12	50.67	33.30	3.70	7.60	12.23
9/8/2006	17.07	50.63	33.26	5.94	7.93	12.00
9/22/2006	13.81	49.87	32.63	8.04	7.92	11.34
10/6/2006	13.87	49.70	32.51	7.28	7.66	19.72

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10/20/2006	15.91	48.25	31.51	5.23	8.03	14.24
11/3/2006	14.53	47.00	30.57	5.55	7.80	14.68
11/17/2006	12.20	38.73	24.62	8.15	7.82	11.21
12/1/2006	10.79	32.82	20.49	8.94	7.97	24.15
12/8/2006	8.80	47.97	30.99	7.79	7.70	11.11
12/22/2006	9.78	34.47			7.61	13.01
1/5/2007	7.73	22.10	13.24	8.81	7.44	16.72
1/19/2007	8.09	42.04	26.74	6.25	7.83	16.83
2/2/2007	9.29	46.10	29.69	5.16	7.89	15.51
2/15/2007	10.79	8.28	4.62	8.36	7.45	20.82
3/2/2007	9.41	1.91	0.98	10.13	7.40	18.65
3/16/2007	13.19	14.19	8.25	8.75	7.99	17.13
3/30/2007	16.85	33.40	20.97	11.05	8.36	16.44
4/13/2007	17.01	40.02	25.61	12.44	8.71	42.52
4/27/2007	16.99	34.37	21.65	6.91	8.21	15.54
5/18/2007	20.83	37.28	23.67	9.09	8.30	52.94
6/1/2007	16.20	50.00	32.79	8.87	8.28	14.51
6/15/2007	17.60	51.47	33.88	5.66	8.32	7.01
6/29/2007	20.33	50.60	33.25	4.93	8.12	7.22
7/13/2007	19.88	47.55	31.02	7.97	8.25	6.32
7/27/2007	17.69	36.28	22.98	1.71	8.09	5.56
8/10/2007	17.95	44.59	28.87	2.77	7.87	9.62
8/24/2007	19.82	51.05	33.58	0.67	7.82	8.33
9/7/2007	17.04	49.41	32.36	2.53	7.74	17.05
9/21/2007	16.68	50.25	32.98	4.73	7.84	16.27
10/5/2007	14.56	48.93	31.97	3.83	7.44	20.14
10/11/2007	14.00	47.68	31.05	4.98	7.56	31.39
10/26/2007	12.04	41.63	26.65	5.75	7.74	33.77
11/9/2007	12.24	46.57	30.19	4.60	7.33	24.69
11/21/2007	9.84	42.03	26.84	5.94	7.43	24.33
12/7/2007	10.19	18.88	11.21	10.53	7.77	45.30
12/13/2007	8.05	37.43	23.53	7.96	7.41	24.93
12/28/2007	5.21	22.63	13.48	9.76	7.60	29.85
1/11/2008	9.37	1.47	0.74	5.87	7.45	96.38
1/25/2008	6.85	24.70	14.90	9.22	7.24	25.14
2/8/2008	9.55	2.66	1.38	6.75	7.22	38.46
2/21/2008	9.66	13.84	8.01	9.23	7.45	112.78
3/7/2008	10.26	11.02	6.27	8.62	7.57	39.15
3/21/2008	10.99	10.56	6.00	7.47	7.09	54.39
4/4/2008	15.57	19.50	11.65	9.18	7.75	22.14
4/18/2008	12.31	31.55	19.66	6.19	7.39	62.24
5/2/2008	14.39	28.06	17.31	5.89	7.53	35.71
5/16/2008	22.13	40.38	25.84	8.69	7.97	10.73
5/23/2008	17.10	40.48	25.94	10.02	7.96	54.97
6/6/2008	21.30	22.70	13.72	7.48	7.69	41.37
6/20/2008	20.80	43.53	28.11	11.01	8.09	44.81
7/3/2008	19.79	33.65	21.14	6.72	7.76	25.26

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Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
7/18/2008	16.06	47.48	30.95	6.14	7.94	25.65
8/1/2008	18.67	35.68	22.56	6.48	8.41	12.70
8/15/2008	18.02	47.32	30.85	3.17	7.54	10.59
8/28/2008	16.83	46.10	29.95	3.18	7.58	21.63
9/12/2008	16.11	50.05	32.83	4.94	7.68	10.65
9/26/2008	17.11	50.03	32.82	5.51	7.71	8.19
10/6/2008	17.04	47.59	31.04	2.84	7.01	10.03
10/24/2008	13.08	49.41	32.27	5.01	7.44	13.32
10/31/2008	12.93	49.05	32.01	7.82	7.55	11.50
11/14/2008	13.73	40.62	25.99	5.58	7.08	7.60
11/26/2008	11.21	45.67	29.50	7.69	7.49	5.73
12/12/2008	9.69	47.02	30.38	7.87	7.66	9.08
Mean	14.28	32.55	20.63	7.11	7.73	26.99

Exceedance of Applicable Water Quality Criteria

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	6.5 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries