

Bay Entrance Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity NTU
1/7/2011	10.44	49.67	32.33	8.47	7.96	7.47
1/21/2011	9.78	50.90	33.18	7.24	8.04	6.18
2/4/2011	9.71	50.36	32.78	9.15	8.06	6.94
2/18/2011	9.32	47.20	30.48	9.19	8.07	7.47
3/4/2011	9.56	48.72	31.59	9.40	8.12	1.79
3/18/2011	9.96	46.37	29.93	9.69	7.92	23.64
4/5/2011	9.25	50.64	32.95	8.04	7.66	5.30
4/15/2011	9.75	48.55	31.48	9.09	7.89	1.72
4/29/2011	9.32	50.32	32.72	7.48	7.67	8.37
5/13/2011	8.40	50.65	32.89	5.92	7.67	2.56
5/27/2011	10.65	49.79	32.43	10.06	7.96	2.24
6/3/2011	11.40	46.12	29.82	10.12	7.94	0.53
6/17/2011	9.21	51.16	33.32	6.72	7.45	1.05
7/5/2011	9.27	44.87	28.82	6.51	7.60	2.75
7/14/2011	9.67	45.28	29.13	7.19	7.66	1.36
7/28/2011	11.16	50.17	32.73	8.08	7.78	3.49
8/11/2011	10.62	50.94	33.27	7.83	7.75	2.22
8/25/2011	11.74	51.04	33.40	10.39	7.98	2.52
9/8/2011	10.63	50.93	33.25	9.28	7.78	2.26
9/22/2011	10.61	50.83	33.18	8.88	7.70	6.91
10/6/2011	11.96	49.79	32.50	8.98	7.73	3.07
10/13/2011	12.47	50.62	33.13	8.54	7.85	2.90
10/27/2011	10.23	51.51	33.65		7.71	1.81
10/28/2011	10.40	51.14	33.39	8.17	7.71	2.89
11/10/2011	10.01	47.91	31.04	9.32	7.72	2.49
11/28/2011	11.72	49.40	32.21	9.38	7.79	4.97
12/8/2011	8.97	50.56	32.87	7.50	7.82	1.66
12/15/2011	9.49	51.78	33.79	9.36	7.69	2.69
12/22/2011	9.13	51.85	33.82	8.91	7.58	4.42
1/6/2012	10.39	50.57	32.98	9.48	8.12	5.70
1/20/2012	10.25	50.17	32.68	9.24	8.21	13.39
1/27/2012	10.72	48.42	31.44	9.72	8.14	9.90
2/9/2012	10.51	49.58	32.27	9.77	8.08	5.88
2/23/2012	9.10	51.46	33.53	5.96	7.80	9.82
3/9/2012	8.45	51.54	33.54	6.67	7.74	4.05
3/23/2012	9.58	47.68	30.84	9.64	7.97	4.38
4/6/2012	10.09	47.02	30.40	9.56	8.01	18.14
4/20/2012	10.50	48.01	31.13	9.23	7.80	2.83
5/4/2012	10.39	50.38	32.84	9.25	7.96	2.50
5/18/2012	8.82	49.50	32.09	7.24	7.83	1.26
6/1/2012	9.17	51.57	33.62	6.62	7.73	2.80
6/15/2012	8.39	51.79	33.71	6.03	7.64	5.05
6/29/2012	11.57	50.83	33.24	10.19	7.89	1.83
7/16/2012	10.34	51.27	33.48	8.42	7.91	4.18
7/20/2012	11.78	51.07	33.42	11.44	8.14	1.76
8/2/2012	9.96	50.99	33.26	7.67	7.92	2.33
8/17/2012	10.65	51.69	33.81	8.21	7.86	2.34
8/29/2012	10.73	51.75	33.86	8.29	7.95	1.12
9/20/2012	10.95	50.93	33.28	8.09	7.94	2.09

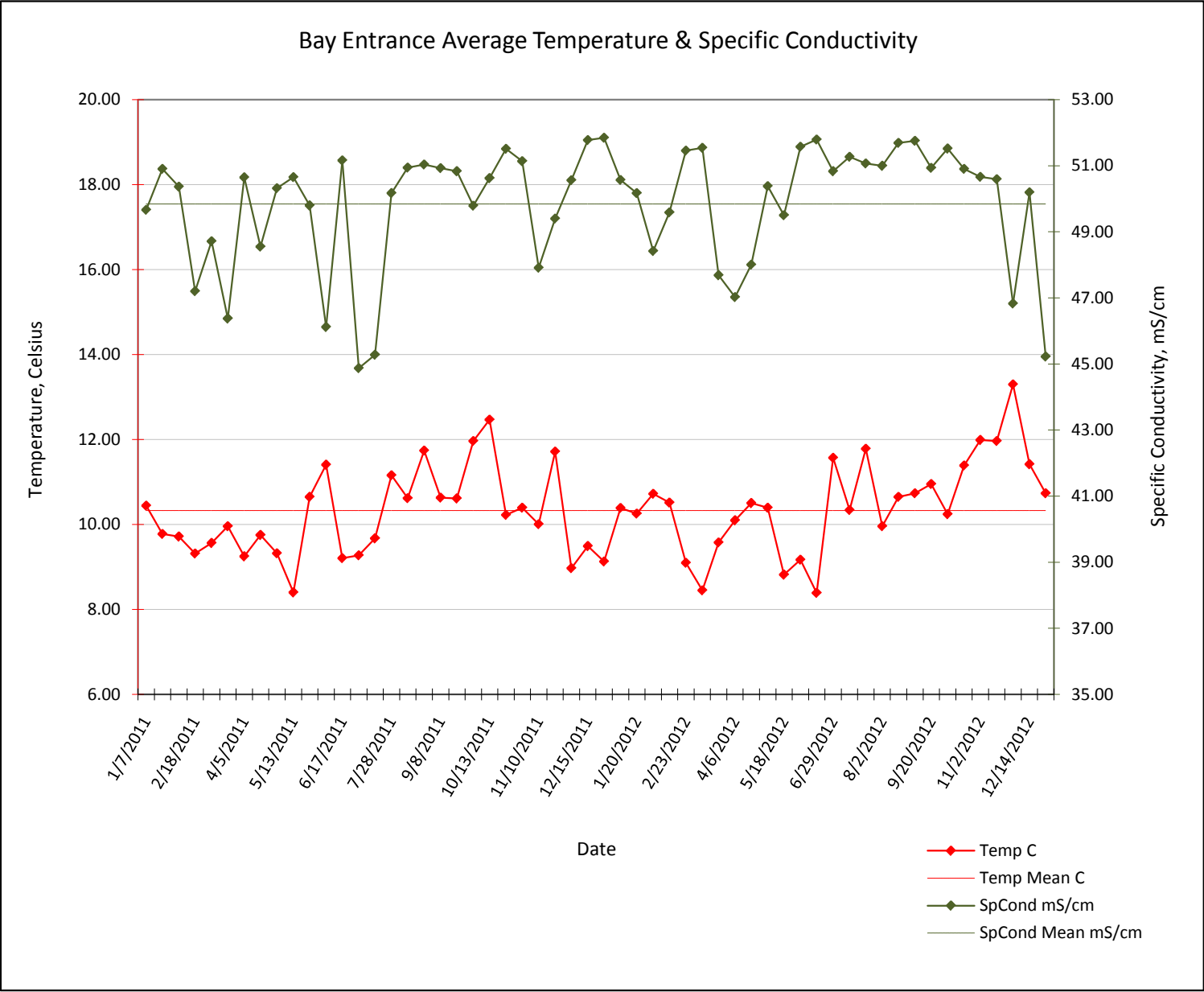
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10/4/2012	10.24	51.52	33.66	8.03	7.84	2.70
10/18/2012	11.39	50.90	33.28	9.34	8.00	3.96
11/2/2012	11.99	50.66	33.14	8.92	7.97	1.30
11/16/2012	11.97	50.59	33.08	9.07	7.98	0.84
12/4/2012	13.30	46.83	30.41	8.72	8.06	26.78
12/14/2012	11.42	50.19	32.77	8.17	7.92	6.67
12/28/2012	10.73	45.22	29.15	9.25	8.05	17.01
Mean	10.32	49.84	32.45	8.57	7.87	5.08

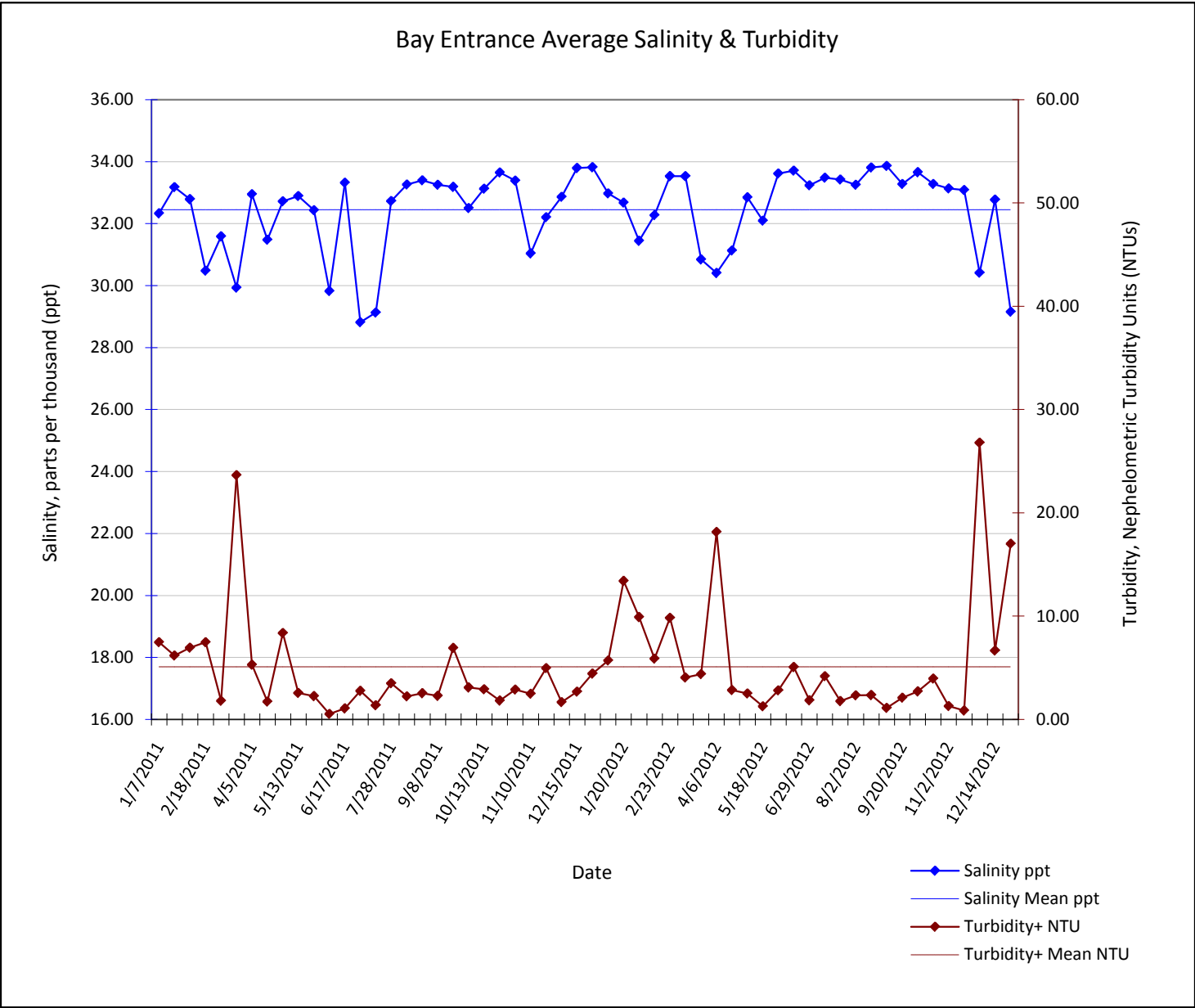
Exceedance of Applicable Water Quality Criteria

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

Humboldt Bay Entrance Water Quality Figures



Humboldt Bay Entrance Water Quality Figures



Humboldt Bay Entrance Water Quality Figures

