

### Samoa Channel Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity NTU
12/4/2012	12.78	39.62	25.26	8.80	7.93	10.67
12/14/2012	11.42	50.03	32.65	8.28	7.95	8.62
12/28/2012	10.51	44.92	28.93	8.88	8.02	11.41
1/11/2013	10.07	50.25	32.72	8.54	7.85	10.47
1/25/2013	9.53	50.15	32.62	9.25	7.84	4.18
2/8/2013	9.31	50.27	32.69	10.01	7.90	5.29
2/21/2013	8.78	50.70	32.96	9.66	7.75	4.15
3/12/2013	9.35	50.99	33.21	8.86	7.79	5.28
3/29/2013	9.90	50.33	32.77	9.96	7.92	4.47
4/12/2013	11.01	49.83	32.48	8.10	7.74	3.13
4/26/2013	10.30	51.22	33.45	8.64	7.74	4.39
5/10/2013	10.87	51.87	33.95	8.35	7.91	2.98
5/24/2013	10.27	52.20	34.16	8.82	7.87	9.22
6/7/2013	12.07	50.49	33.02	8.30	7.96	4.64
6/21/2013	13.25	51.65	33.91	9.33	8.00	7.03
7/2/2013	17.68	51.30	33.76	7.96	8.03	4.61
7/19/2013	14.34	51.76	34.03	8.98	8.03	5.71
8/15/2013	16.06	51.17	33.64	9.20	7.93	3.29
8/23/2013	11.37	51.07	33.40	9.26	7.77	2.65
9/6/2013	14.00	50.68	33.23	9.68	7.86	2.05
9/18/2013	11.33	52.06	34.12	7.34	7.62	5.23
10/4/2013	11.75	51.27	33.57	7.96	7.81	8.21
10/18/2013	9.89	48.97	31.79	7.64	7.75	2.62
11/7/2013	9.75	48.98	31.78	8.53	7.80	5.44
11/22/2013	10.59	48.46	31.47	9.43	7.98	2.24
12/6/2013	8.95	50.94	33.14	7.78	7.86	1.52
12/20/2013	8.50	51.35	33.40	9.72	8.01	4.89
1/14/2014	10.09	50.98	33.25	9.43	7.99	3.65
1/31/2014	10.34	51.15	33.40	9.56	8.04	4.69
2/14/2014	11.17	49.10	31.96	8.94	7.97	3.69
2/28/2014	11.14	49.81	32.47	9.22	8.03	2.20
3/14/2014	11.97	47.94	31.16	8.56	7.95	6.07
3/27/2014	10.97	50.32	32.83	8.86	7.95	4.52
4/11/2014	11.99	49.92	32.60	8.75	7.90	4.27
4/25/2014	11.29	50.90	33.27	8.75	7.93	3.45
5/9/2014	14.41	50.66	33.23	7.63	7.92	2.35
5/23/2014	14.27	51.06	33.52	7.34	7.97	3.72
6/13/2014	11.24	52.04	34.10	8.85	7.93	3.63
6/27/2014	12.72	52.15	34.26	11.89	8.30	4.98
7/11/2014	12.11	52.15	34.23	8.81	7.99	1.70
7/25/2014	14.79	51.76	34.05	8.45	8.02	3.05
8/8/2014	13.25	52.20	34.32	8.40	7.98	2.39
8/22/2014	13.51	52.33	34.43	8.16	8.01	2.92
9/4/2014	15.36	52.46	34.57	8.14	8.03	2.52
9/19/2014	15.90	52.28	34.45	8.12	8.09	1.52
10/3/2014	14.77	51.83	34.10	7.40	7.99	2.25
10/24/2014	14.95	48.99	32.02	8.13	8.03	3.29
11/6/2014	13.53	49.37	32.26	8.10	8.08	1.15
11/20/2014	13.25	52.59	34.61	8.09	8.23	2.21
12/5/2014	14.65	50.33	32.99	8.26	8.33	4.18
12/19/2014	13.96	46.78	30.39	8.51	8.05	10.68

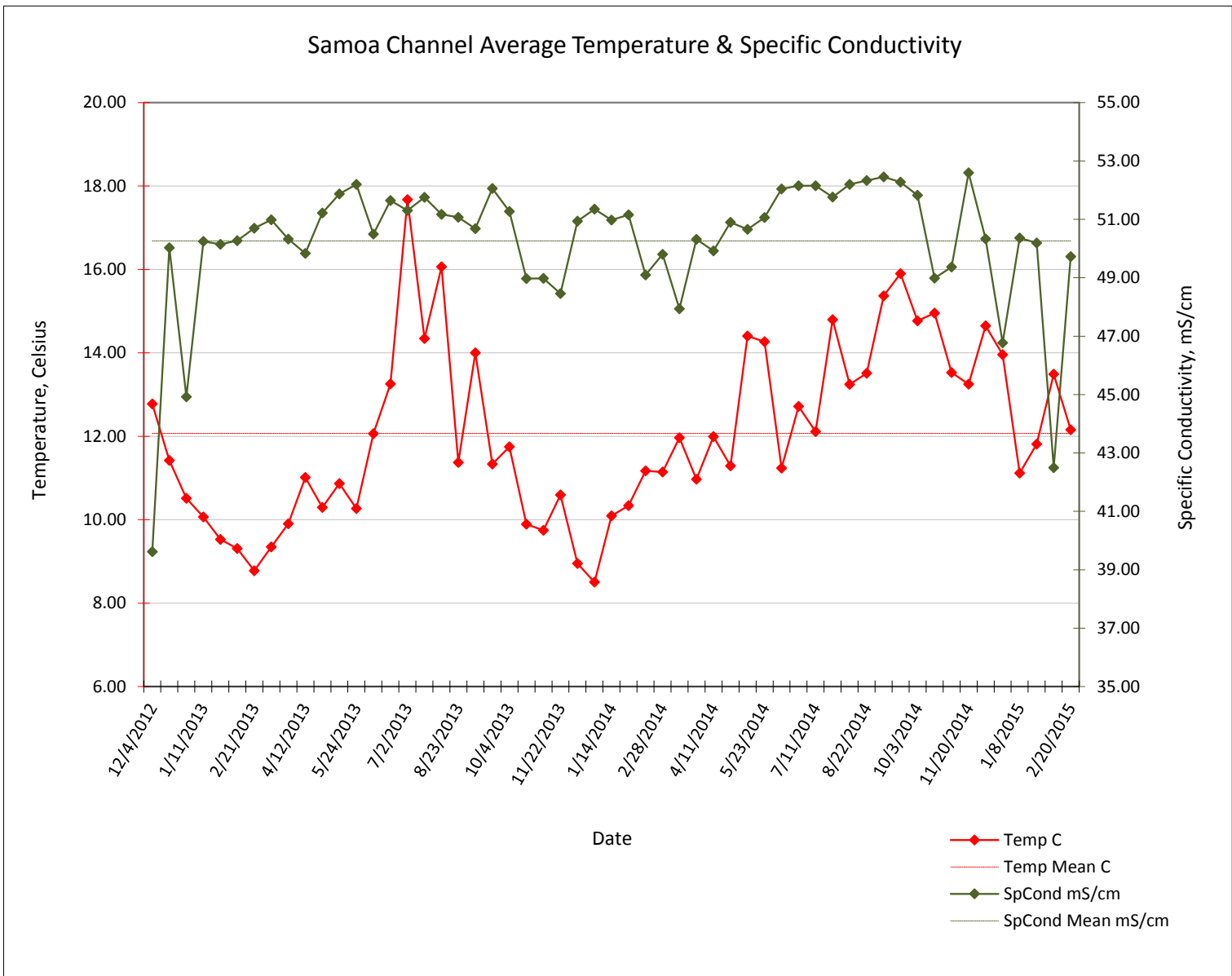
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Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity NTU
1/8/2015	11.11	50.36	32.87	8.13	8.06	2.79
1/23/2015	11.81	50.19	32.79	8.51	8.07	4.33
2/9/2015	13.49	42.49	27.31	8.47	8.05	11.38
2/20/2015	12.15	49.72	32.46	7.93	8.03	8.85
Mean	12.07	50.26	32.84	8.67	7.96	4.67

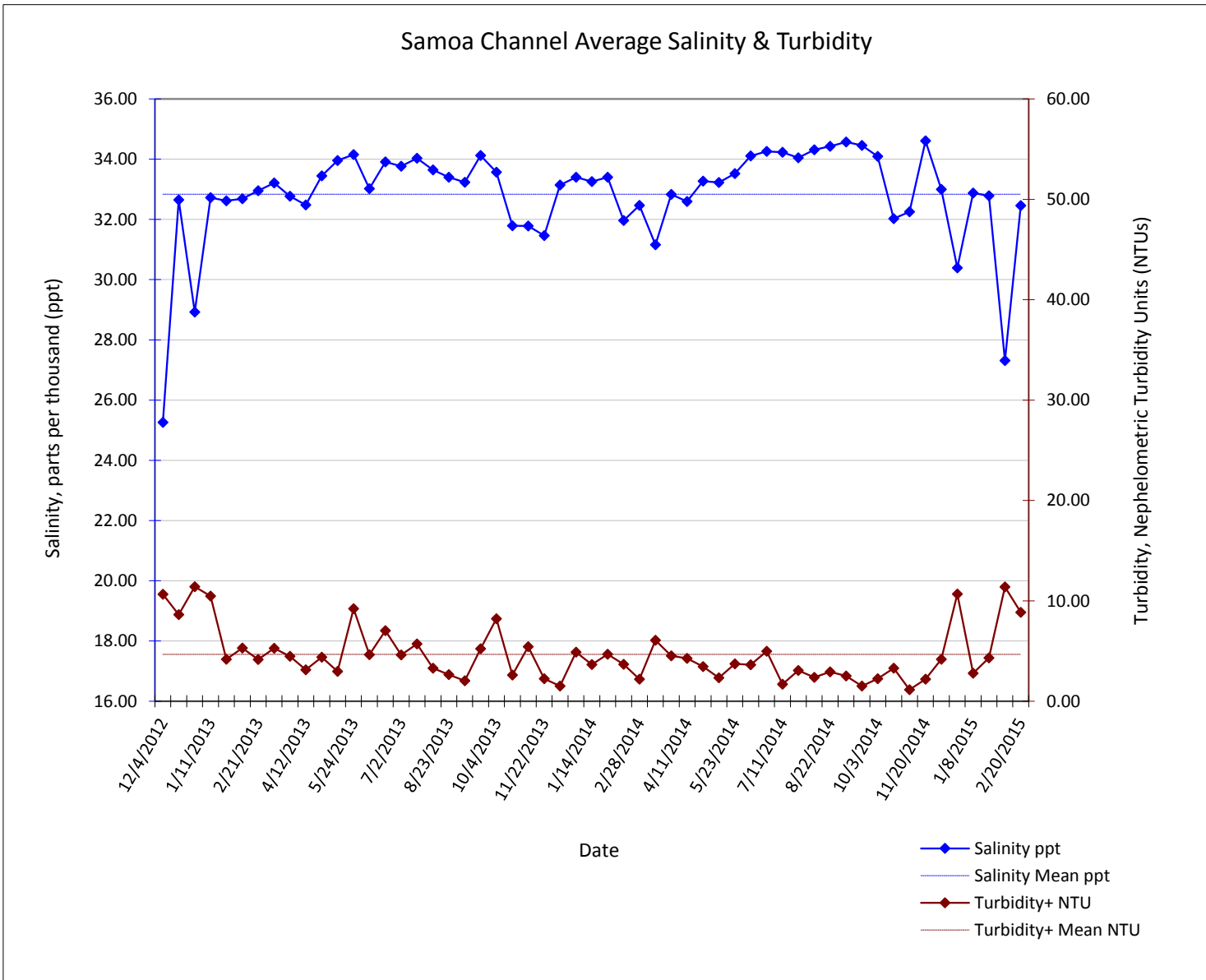
#### Exceedance of Applicable Water Quality Criteria

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

# Samoa Channel Water Quality Figures



# Samoa Channel Water Quality Figures



# Samoa Channel Water Quality Figures

