

Table 2.2-4. Statistical Summary of Automated Surface Water Salinity (PSS-78) Data

Well	2010 Avg Monthly Value				2011 Avg Monthly Value						
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
TPBBSW-1B	30.2	28.0					35.7	38.6	40.6	44.3	39.5
TPBBSW-2B	27.1	22.2				33.1	37.0	38.0	40.5	42.3	38.0
TPBBSW-3B		24.5	27.0	30.8	32.1	32.8	36.9	37.9	39.5	41.5	38.1
TPBBSW-4B	31.7	26.4				32.5	35.9	36.9	39.4	40.9	38.6
TPBBSW-5B	28.7	24.2				29.8	34.6	36.0	40.4	42.0	39.0
TPBBSW-10B							35.1	38.6	40.4	42.8	36.2
TPBBSW-14B							27.4	28.3	30.0	31.2	30.1
TPSWC-1T	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7	1.0
TPSWC-1B	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7	1.4
TPSWC-2T	0.3	0.2	0.3	0.4	0.5	0.4	0.7	0.8	1.6	3.1	
TPSWC-2B	0.3	0.2	0.3	0.5	0.5	0.4	0.7	0.9	2.3	3.6	
TPSWC-3T	0.2	0.2	0.3	0.6	0.6	0.6	1.0	1.3	1.9	2.9	0.8
TPSWC-3B	0.2	0.2	0.3	0.6	0.7	0.6	1.2	2.6	10.9	10.5	3.1
TPSWC-4T	3.7	0.8	5.6	20.1	22.4	19.3	21.1	28.8	39.3	41.6	36.9
TPSWC-4B	7.2	1.8	9.1	24.8	25.5	23.1	27.9	33.2	40.1	42.1	37.9
TPSWC-5T	29.8	25.6	27.6	31.9	31.2	31.3	35.8	38.1	39.8	41.1	37.5
TPSWC-5B	41.6	45.4	44.5	36.7	35.2	34.2	36.0	38.0	39.7	41.9	41.9
TPSWCCS-1B	55.8	45.0	43.7	43.1	48.3	53.5	55.0		57.3	59.4	58.1
TPSWCCS-2B		61.47	56.83	54.30	54.69	54.92	59.55	61.00	56.97	59.05	60.56
TPSWCCS-3B	53.32	43.00	42.61	48.20	49.54	53.70	53.72	55.54	54.67	59.87	58.82
TPSWCCS-4T	57.97	47.79	44.76	50.44	52.31	55.74	57.40	60.32	59.43	62.83	59.06
TPSWCCS-4B	55.46	45.11	43.94	49.43	52.08	55.50	57.60	60.55	59.55	63.50	59.72
TPSWCCS-5T	56.92	45.81	44.16	49.44	51.31	54.92	56.88	58.33	58.25	61.24	57.69
TPSWCCS-5B	53.63		44.79	44.20							
TPSWCCS-6T		47.17	44.58	50.19	52.26	54.19	55.80	59.04	57.94	60.86	57.72
TPSWCCS-6B		47.11	44.43	49.67	52.10	55.08	57.39	59.89	58.85	61.23	57.41
TPSWCCS-7B	55.28	42.99	42.49	48.40	50.14	53.68	52.04	50.72			
TPSWID-1T	1.96	1.43	1.21	1.72	5.04	4.00	12.18	10.90	15.67	23.69	14.20
TPSWID-1B	2.0	1.5	1.2	1.7	10.3	8.2	14.6	16.5	19.3	27.0	18.0
TPSWID-2T	1.3	0.9	1.2	2.0	2.3	2.5	5.5	6.8	19.2	27.5	9.9
TPSWID-2B	3.4	2.1	1.9	2.1	5.7	5.8	28.2	27.2	39.2	45.0	44.1
TPSWID-3T	1.0	0.7	0.9	1.7	2.0	2.2	2.3	2.6	19.5	33.5	9.9
TPSWID-3B	1.3	0.8	0.9	1.7	2.0	2.2	3.3	4.6	37.3	44.2	16.9

Key:

Avg = Average.

Max = Maximum.

Min = Minimum.

Std Dev = Standard Deviation.

Value					2012 Avg Monthly Value						Monitorin	
Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Min	Max
38.4	35.3	30.1	23.2	25.3	29.4	29.3	33.3	37.0	33.9	29.2	13.9	46.4
39.0	35.8	27.7	22.4	24.2	28.2	30.1	35.7	37.1	33.3	28.8	15.9	44.8
38.0	36.2	29.0	24.8	26.9	29.9	31.8	36.2	37.4	34.6		18.0	43.7
39.1	37.1	31.8	26.8			33.5	35.4	36.8	32.9	30.0	23.1	42.3
38.5	35.8	29.9	25.9	28.8	30.5	31.9	34.8	36.2	29.5	26.2	20.4	44.3
37.5	33.2	23.8	20.1	21.2	27.8	28.3	32.5	36.8	32.9	26.5	11.4	44.5
30.7	29.5	27.2	23.5	23.5	24.5	26.5	32.5	34.7	31.2	26.0	22.8	36.8
0.8	0.4	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.4	0.3	0.2	1.9
0.9	0.7	0.4	0.4	0.4	0.3	0.4	0.5	0.6	0.5	0.5	0.2	1.7
	0.3	0.2	0.2	0.3	0.5	0.5	0.5	0.7	0.4	0.3	0.1	3.4
	0.3	0.2	0.2	0.3	0.5	0.5	0.5	0.7	0.4	0.3	0.1	5.4
0.5	0.3	0.2	0.3	0.4	0.7	0.6	0.6	1.2	0.4	0.3	0.1	3.2
0.7	0.3	0.2	1.5	0.6	1.1	1.0	0.9	7.1	4.2	0.6	0.1	14.0
	14.6	6.9	15.8	23.0	24.2	25.5	25.9	30.2	19.2	13.4	0.0	51.8
26.7	18.4	8.5	19.5	25.4	27.7	30.0	30.3	32.7	21.8	16.0	0.2	50.0
38.9	36.0	31.2	26.0			34.3	35.5	37.1	30.8	28.1	17.5	42.0
40.6	40.1	40.2	39.3	36.2	35.4	35.6	35.7	36.5	35.5	39.0	28.2	49.1
	60.2	53.2	49.2	57.7	57.0	56.5	63.5	63.8	50.2	48.5	36.9	67.7
61.22	57.02	56.30		55.54	57.00	60.83	60.25	59.57	57.29	57.28	44.24	63.69
60.24	58.63	51.82	52.25	55.72	56.35	55.50			50.78	48.14	36.72	65.19
61.18	58.69	52.46	54.31	59.38	62.86	59.97	64.79	63.36	52.05	49.75	37.65	68.25
61.34	58.32	52.38	54.90	60.37	62.70	59.40	63.97	62.84	52.89	49.70	36.32	67.20
	58.67			59.71	61.98		60.00	61.40	50.57	49.34	39.25	67.19
	48.15		48.82						52.86	49.37	35.08	58.98
59.74	58.38	53.34	54.59	59.52	61.73	58.88	64.61	63.88	52.87	49.28	40.57	67.77
		52.55	54.03	58.81	61.48	58.57	64.22	64.71	53.51	50.33	40.58	68.60
					52.89	50.43			49.10	45.69	35.99	62.09
5.23	5.42	2.43	1.54	4.65	15.09	6.94	4.35	6.67	3.30	1.61	1.10	30.08
7.7	10.6	3.1	2.0	7.8	19.9	13.3	7.6	17.3	9.7	2.0	1.1	31.9
1.9	3.1	1.2	1.3	2.3	8.4	4.7	3.0	4.5	2.6	1.4	0.7	37.4
23.4	23.5	8.2	3.1	9.4	40.1	24.0	7.0	26.4	9.6	4.1	1.1	47.6
3.1	2.2	1.3	1.1	2.0	5.6	3.8	2.6	5.5	2.3	1.3	0.6	42.7
3.2	3.2	1.6	1.1	2.6	16.0	6.1	3.3	17.4	2.7	1.4	0.6	45.9

ng Period	
Avg	Std Dev
33.3	6.0
32.3	6.6
33.2	5.3
34.1	4.5
32.5	5.4
31.9	7.0
28.5	3.3
0.4	0.2
0.5	0.3
0.6	0.7
0.7	0.9
0.7	0.6
2.2	3.3
20.2	12.6
23.9	13.1
33.5	4.8
38.6	3.4
54.0	6.8
58.25	2.91
53.40	5.62
56.63	5.81
56.41	6.08
55.38	5.78
48.30	4.35
55.93	5.46
55.92	5.77
49.64	4.58
6.70	6.19
10.0	7.6
5.1	6.7
17.3	15.6
4.4	7.6
7.8	12.5