

Table 2.2-3. Statistical Summary of Automated Surface Water Salinity (PSS-78) Data

Well	2013 Avg Monthly Value							2014 Avg Monthly Value												2015 Avg Monthly Value					Post-Uprate Average		
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Min	Max	Avg
TPBBSW-3B	35.7	34.2	34.9	32.3	28.8	28.5	29.7	29.0	33.6	36.0	39.1	40.0	40.0	39.4	39.7	38.0	33.4	28.5	28.8	30.8	31.7	36.0	38.1	36.7	22.5	41.4	34.3
TPBBSW-4B			34.0	34.3	33.4	31.7	31.7	32.4	33.3	34.7	38.1	39.6	39.7	39.0	38.4	37.3	35.2	31.5	31.5	33.5	34.4	36.5	38.5	36.1	25.6	40.8	35.2
TPBBSW-5B	32.1		30.3	31.9	32.0	30.9	30.0	31.2	31.9	32.7	35.8	39.2	40.4	37.9	35.9	36.5	41.7	31.8	31.0	32.6	33.6	35.9	38.0	35.7	26.4	48.5	34.2
TPBBSW-10B	34.4	32.1		27.4	23.2	24.8	24.1	25.9	29.4	32.8	38.2	42.1	40.3	38.0	38.0	37.8	29.8	25.5	25.8	28.0	29.7			35.8	13.6	43.6	31.8
TPBBSW-14B	32.3	31.9	30.2	30.6	31.6	27.8	30.1	29.2	32.3	34.9	37.8	40.1	39.7	38.6	37.7	37.0	34.7	28.8	28.4	31.2	32.5	35.5	37.4	36.0	24.4	41.1	33.6
TPSWC-1T	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.6	0.8	0.9	0.5	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.7	0.2	1.1	0.4
TPSWC-1B	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.5	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.5	0.7	0.7	0.6	0.5	0.6		0.6	0.3	0.8	0.5
TPSWC-2T	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.5	0.9	3.7	3.9	0.5	0.3	0.3	0.4	0.3	0.5	0.4	0.4	0.8	1.4	0.8	0.2	6.3	0.7
TPSWC-2B	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.4	0.4	0.5	1.0	5.0	5.5	2.9	1.1	1.0	1.1	0.8	1.3	1.3	1.3	1.5	1.6	1.7	0.2	6.7	1.3
TPSWC-3T	0.3	0.3	0.2	0.3	0.4	0.7	0.4	0.4	0.5	0.8	1.7	3.9	3.9	0.5	0.3	0.3	0.4	0.4	0.7	0.5	0.7	1.3	1.9	0.7	0.2	5.7	0.9
TPSWC-3B	1.8	1.2	1.0	1.1	1.6	2.0	2.1	1.6	1.6	1.6	2.8	10.4	9.9	8.6	5.6	4.2	3.7	3.5	3.4	2.8	3.7	3.9	3.7	4.1	0.7	11.0	3.6
TPSWC-4T	25.6	20.7	19.7	23.1			16.7	16.2	11.1	10.6	17.1	40.1	34.7	18.3	16.5	26.1	23.7	24.6	28.3	24.9	30.9	32.3	33.7	28.4	9.2	42.9	23.9
TPSWC-4B	28.8	22.4	22.5	25.4	20.0	27.6	19.4	18.3	10.0	10.6	18.0	40.4	35.7	19.4	17.9	27.6	25.3	26.8	29.3	26.3			34.1	29.7	3.5	46.2	24.6
TPSWC-5T	34.1	32.0	32.0	33.6	32.5	30.6	31.5	32.3	33.2	34.9	37.3	39.8	40.0	38.1				32.2	32.3	33.2			38.5	37.0	26.2	40.7	34.4
TPSWC-5B	36.8	35.8	37.3	33.8	32.2	30.6	29.6	32.2	32.8	34.4	36.8	38.6	39.0	38.6	38.3	37.4	36.3	33.4	31.6	33.3			38.9	37.5	27.8	40.4	35.2
TPSWCCS-1B	55.8	59.8	59.9	62.2	65.1	68.7	68.5	72.0	76.6	82.2	90.4	91.7	93.7	89.4	87.8	89.4	71.1	68.3	73.0	77.3	80.2	83.6	90.9	83.2	51.1	96.6	76.5
TPSWCCS-2B	55.0	58.4	59.0	62.1	64.7	67.8	67.3	71.3	76.1	82.8	90.3	92.0	95.0	90.1	88.2	90.4	76.2	68.4	74.2	78.5	81.9	85.0	93.2	84.1	50.4	98.5	76.9
TPSWCCS-3B	54.3	58.0	57.5	59.6	61.4	65.9	66.0	65.2	67.3	74.8	83.5	90.4	93.0	87.7	87.7	91.1	81.0	69.1	74.3	78.0	81.0	84.1	95.1	85.0	50.2	100.1	75.2
TPSWCCS-4T	54.6	57.8	56.7	60.2	64.8	68.8	66.9	69.8	74.3	70.1	89.4	91.0	90.2	83.6	87.1	93.4	77.1	70.4	76.3	80.5	82.7	84.6	92.2	80.2	46.3	99.3	75.7
TPSWCCS-5T	52.5	56.4	54.8	59.7	62.3	65.7	63.5	62.8	64.0	71.4	74.3	85.1	92.2	88.9	85.2	87.3	75.2	67.4	68.5	72.5	77.4	82.2	85.8	78.3	50.7	97.6	72.1
TPSWCCS-6T													92.7	87.5	86.8	88.5	75.5	67.9	72.6	76.8	80.7	85.0	92.1		50.5	97.5	80.6
TPSWCCS-7B	55.7	59.2	60.0	62.3	65.0	68.8	69.0	71.5	75.7	80.0		84.7	81.0	84.1	89.3	88.8	71.7	68.6	74.1	78.5	79.1	82.1	91.6	83.8	28.6	99.0	74.4
TPSWID-1T	1.9	2.2	1.8	1.8	1.7	2.1	1.8	2.0	2.2	4.3	4.0	4.7	5.4	4.4	3.0	2.9	2.6	4.7	5.1	4.5	4.4	5.6	8.0	7.0	1.4	11.9	3.6
TPSWID-1B	7.1	5.2	2.0	2.9	3.2	2.2	2.0	3.0	4.4	9.6	8.4	11.7	13.7	9.6	5.7	4.4	4.4	9.3	8.2	6.1	10.3	12.7	15.7	12.1	0.9	17.3	7.2
TPSWID-2T	1.8	2.0	1.3	1.6	1.5	1.7	1.6	2.0	1.9	1.8	2.1	2.6	2.7	3.1	2.6	2.3	2.2	3.6		2.4	2.4	3.0	6.1	3.6	1.1	8.5	2.4
TPSWID-2B	8.1	6.1	4.3	3.4	2.6	1.8	2.0	2.2	3.1	3.2	3.3	4.6	6.0	6.1	5.3	4.2	4.5	9.6	5.0	3.8	3.4	7.7	20.7	11.0	1.5	31.3	5.5
TPSWID-3T	1.8	1.7	1.3	1.3	2.2	3.7	1.6	1.7	1.7	1.7	1.9	3.4	2.9	2.3	2.3	2.1	3.0	5.6	5.0	2.5					1.2	8.8	2.5
TPSWID-3B	1.8	1.7	1.3	1.4	2.8	4.7	1.8	1.7	1.7	1.7	2.2	11.1	5.0	2.5	3.0	3.4	8.9	19.4	6.1	2.7	8.2	12.3	24.8	5.7	1.2	30.7	5.6

Key:

Avg = Average.

Max = Maximum.

Min = Minimum.

Std Dev = Standard Deviation.

Age
Std Dev
4.4
2.9
3.6
6.4
3.9
0.2
0.1
1.1
1.4
1.1
2.6
8.5
8.6
3.1
2.9
11.8
12.4
12.8
12.5
12.0
10.5
10.9
1.8
4.2
1.1
4.3
1.3
6.5