

Table 2.1-3. Statistical Summary of Automated Groundwater Salinity (PSS-78) Data

Well	2013 Avg Monthly Value							2014 Avg Monthly Value							2015 Avg Monthly Value										
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
TPGW-1S	40.1	36.5	30.8	26.1	26.7	32.2	34.3	34.5			34.1	34.8				25.9	27.4	29.0	30.5	30.2	31.2	33.5	33.3	38.0	
TPGW-1M	50.3	50.3	50.3	50.2	50.2	49.9	49.7	49.9	50.0	49.8	49.6	49.8	50.2	50.1			50.2	49.8	49.5	49.1				48.7	48.8
TPGW-1D	49.9	49.8	49.8	49.8	49.6	49.1	49.1	49.3	49.3	49.3	48.8	49.1	49.8	49.8			50.1	50.0	49.6	49.1	49.0	49.0	48.7	48.6	
TPGW-2S	47.5	46.6	45.6	46.4	47.0	47.0	46.9	46.7	46.7	46.8	47.3	48.1	46.9	44.4	43.5	44.3	46.9	48.5	48.6	46.4	47.3	47.9	51.0	47.2	
TPGW-2M	53.1	52.7	52.7	53.1	53.0	52.6	52.7	52.3	52.1	52.2	52.5	52.7				52.4	51.9	52.4	53.0	52.9	53.2	53.4	53.7	53.8	
TPGW-2D	54.0	53.4	52.7	53.2	53.7	53.2	53.3	53.3	53.2	53.1	52.6	52.7	52.9	52.4	52.7	52.8	52.7	52.7				53.6	53.3	54.0	54.4
TPGW-3S	44.0	43.7	44.1	44.9	45.0	43.9	43.1	42.0	41.1	42.0	41.0	42.4	42.0	41.8	42.1	42.0	42.3	42.4	41.5	40.9	41.5	41.6	40.9	40.5	
TPGW-3M	47.5	47.2	47.3	47.6	47.5	47.0	46.9	46.8	46.6	46.6	46.9	46.6	46.2	46.8	47.0		46.7	47.1	46.3	45.8	45.8	45.9	46.1	46.2	
TPGW-3D	48.4	48.0	48.1	48.5	48.5	48.1	48.1	47.8	47.6	47.7	47.8	47.7	47.2	47.2	47.5	47.5		48.0	47.3	46.9	46.9	46.6	46.8		
TPGW-4S	0.8	0.8			1.0	1.0	1.0	0.9	1.0	1.4	1.7	1.9	2.1	1.0		1.0	1.0	1.0				1.6	2.2	2.9	1.4
TPGW-4M	25.0	25.0				24.8	24.9	24.9	24.9	25.3	25.8	25.5	25.1	25.1	24.9	25.0	25.1	25.1	24.9	24.9	25.1	25.1			
TPGW-4D	28.3	28.4	28.1	27.6	27.8	28.0	28.0	28.1	28.1	28.0	27.7	27.6	27.6	27.8	27.8	27.8	28.0	28.1	27.8	27.8	27.8	27.5	27.4	27.2	27.4
TPGW-5S	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4				0.3	0.4	0.3	0.4	0.4	0.4	0.3	
TPGW-5M	20.8	20.8	20.9	20.7	20.7	20.7	20.7	20.6	20.6	20.6	20.4	20.3	20.3	20.3				19.8	19.9	20.3	20.4	20.2	20.0	19.9	
TPGW-5D	21.9	21.8	21.9	22.1	22.0	21.9	21.8	21.8	21.9	22.1	22.1	22.0	22.0	21.9				21.4	21.6	22.2	22.1	22.1	22.3	22.4	
TPGW-6S	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	
TPGW-6M	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.0	14.0	13.9	13.8	13.8	13.8	14.0	13.9	13.8	13.9	13.8	13.7	13.7	13.7	13.7	13.6	13.6	
TPGW-6D	14.3	14.3	14.3	14.3	14.3	14.5	14.5	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3	14.3	14.4	14.4	14.3	14.2	14.4	14.5	14.5	14.6	
TPGW-7S	0.3	0.3	0.3	0.3					0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-7M	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-7D	0.3	0.3	0.4	0.5	0.6	0.7	0.8		1.7	1.9	2.1	2.3	2.4	2.5	2.6	2.8	2.8	3.0	3.2	3.3	3.4	3.5	3.5	3.6	
TPGW-8S	1.1	0.9	1.0	1.0	1.2	1.1	1.0	1.1	1.0	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9			0.8	0.8	
TPGW-8M	0.3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-8D	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-9S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-9M	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-9D	0.3	0.3	0.3		0.3	0.3	0.3		0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
TPGW-10S	35.1	35.5	35.6	35.4	35.4	35.4	35.5	35.7	35.5	35.3	35.2	36.2	35.7	35.4	35.7	35.7	35.4	34.6	34.4	35.8	35.9	35.6	35.7	35.2	
TPGW-10M	37.1	37.1	37.1	37.1	37.2	36.9	37.3	37.5	37.4	37.4	37.3	37.8	37.3	37.1	37.5	37.3	37.3	36.7	36.2	38.1	38.1	37.4	36.8	36.8	
TPGW-10D	44.6	44.8	44.9	44.9	45.0	45.4	45.8	46.1	45.9	45.8	45.8	45.6	46.2	46.6	47.5	47.4	47.2	46.9	46.8	47.4	47.6	47.0	46.8	46.8	
TPGW-11S	37.4	37.3	37.5	37.2	37.1	37.0	37.3	37.5	38.2	37.3	36.7	37.6	37.5	37.3	37.1	37.2	37.3	36.5	36.0			37.0	37.1	37.3	
TPGW-11M	38.3	38.3	39.0	38.7	38.3	38.6	38.8	38.9	39.2	39.6	39.9	38.7	38.6	38.5	39.3	38.9	38.2	38.0	37.9			39.0	38.9	38.6	
TPGW-11D	41.9	41.9	41.8	41.8	41.9	42.3	42.5	42.7	43.4	42.9	42.6	42.8	43.0	43.1	42.8	42.8	42.8	43.1	43.2			43.1	43.2	43.4	
TPGW-12S								28.7	28.8	29.1	29.5	30.2	29.9	29.9	29.6	29.7							30.6	31.2	
TPGW-12M	44.2	44.6	44.9	44.7	44.2	42.0	41.8	42.2	42.2	41.9	41.0	39.3	40.5	42.7	42.8	42.0	41.5	40.9	40.0	40.6			38.9	40.0	
TPGW-12D	44.6	44.5	44.6	44.3	44.3			44.5	44.3	44.4	44.4	44.2	44.3	44.4	44.5	44.5	44.4	44.4	44.3	44.3			45.7	46.1	
TPGW-13S	60.1	60.3	60.3	60.5	60.5		59.5	59.0	58.8	58.6	58.5	58.6	59.8	59.1	58.2	58.4	60.7	62.3	60.7	59.8	59.6	59.2	60.7	62.6	
TPGW-13M	56.3	56.6	56.4	56.1	56.0	56.0	56.0	55.8	55.7	55.4	55.1	55.2	55.3	55.3	55.4	55.4	56.1					54.7	55.3	55.7	
TPGW-13D	57.7	58.1	58.0				57.8	57.0	56.8	56.5	56.3	56.2	56.1	56.1	56.3	56.5	56.8	56.9	57.6	57.9	57.4	56.5	56.5	56.4	
TPGW-14S	39.0	39.4	39.1	39.0	38.8	38.6	38.8	38.9	39.0	39.1	39.1	38.4	38.4	38.4	38.8	38.6	38.2	37.7	37.4	38.6	38.9	38.9	38.7	38.2	
TPGW-14M	43.2	43.3	43.0	42.5	42.4	42.3	42.7	42.5	42.5	42.6	42.7	42.2	42.0	42.1	42.5	42.1	42.1	42.0	41.8	42.3	42.1	42.5	41.9	41.6	
TPGW-14D	51.7	51.7	51.8	52.0	51.9	51.5	51.4		52.1	51.7	51.4	51.8	51.3	50.6	51.1	50.9	50.5	50.8	51.0	51.1	51.1	51.6	51.6	51.5	

Key:
 Avg = Average. Min = Minimum. Max = Maximum. Std Dev = Standard Deviation.

Post-Uprate Average			
Min	Max	Avg	Std Dev
25.5	41.4	32.1	4.1
48.1	51.3	49.8	0.5
48.5	50.3	49.4	0.5
40.3	54.1	46.9	1.7
51.5	54.1	52.8	0.5
51.0	54.7	53.2	0.6
36.8	45.3	42.4	1.4
45.5	48.7	46.7	0.6
45.7	50.7	47.7	0.6
0.6	3.8	1.3	0.6
24.6	25.8	25.1	0.3
27.1	28.5	27.8	0.3
0.3	0.6	0.4	0.1
19.4	20.9	20.4	0.3
21.0	22.7	21.9	0.3
0.5	0.7	0.6	0.0
13.5	14.0	13.8	0.1
14.0	14.6	14.4	0.1
0.2	0.3	0.3	0.0
0.3	0.3	0.3	0.0
0.3	3.6	2.0	1.2
0.7	1.2	1.0	0.1
0.3	0.3	0.3	0.0
0.1	0.3	0.3	0.0
0.3	0.3	0.3	0.0
0.3	0.3	0.3	0.0
0.3	0.4	0.3	0.0
34.1	36.7	35.5	0.4
36.1	39.2	37.2	0.5
43.6	47.9	46.2	1.0
35.9	38.3	37.2	0.5
37.6	40.2	38.7	0.5
41.6	43.6	42.7	0.5
25.2	34.5	29.6	0.8
38.0	45.2	41.9	1.8
43.4	46.9	44.5	0.5
57.9	63.4	59.8	1.2
54.0	58.9	55.7	0.5
55.0	59.1	56.9	0.7
37.3	39.5	38.7	0.5
41.0	44.1	42.4	0.5
50.2	52.4	51.4	0.5