Total Plant Site Remediation

Plant Site Remediation Costs -- Units 1&2

Plant Site Remediation Costs -- Units 3&4

Total Flant Site Remediation			Frant Site Remediation Costs Units 1&2			Frant Site Remediation Costs Units 3&4							
Line	Year	Capital	O&M	Total 2018 dollars	Adjust for inflation @ 2.5%	Capital	O&M	Total 2018 dollars	Adjust for inflation @ 2.5%	Capital	O&M	Total 2018 dollars	Adjust for inflation @ 2.5%
1	2018	\$0		SO	\$0	\$0		\$0	\$0	\$0		\$0	\$0
2	2019	\$6,214,025	\$200,000	\$6,414,025	\$6,574,376	\$3,290,614	\$63,720	\$3,354,334	\$3,438,192	\$2,923,411	\$136,280	\$3,059,691	\$3,136,184
3	2020	\$7,250,000	\$330,000	\$7,580,000	\$7,963,738	\$1,738,850	\$114,678	\$1,853,528	\$1,947,362	\$5,511,150	\$215,322	\$5,726,472	
4	2021	\$8,311,000	\$343,140	\$8,654,140	\$9,319,562	\$3,656,609	\$92,376	\$3,748,985	\$4,037,246	\$4,654,391	\$250,764	\$4,905,155	\$5,282,316
5	2022	\$19,550,000	\$375,000	\$19,925,000	\$21,993,472	\$9,266,300	\$124,236	\$9,390,536	\$10,365,394	\$10,283,700	\$250,764	\$10,534,464	\$11,628,078
6	2023	\$2,800,000	\$2,333,000	\$5,133,000		\$2,800,000	\$1,065,486	\$3,865,486	\$4,373,442	\$0	\$1,267,514	\$1,267,514	\$1,434,076
7	2024		\$2,315,000	\$2,315,000			\$1,067,928	\$1,067,928	\$1,238,469		\$1,247,072	\$1,247,072	
8	2025		\$2,315,000	\$2,315,000			\$1,067,928	\$1,067,928	\$1,269,430		\$1,247,072	\$1,247,072	
9	2026		\$2,315,000	\$2,315,000	\$2,820,603		\$1,067,928	\$1,067,928	\$1,301,166		\$1,247,072	\$1,247,072	\$1,519,437
10	2027		\$2,315,000	\$2,315,000	\$2,891,118		\$1,067,928	\$1,067,928	\$1,333,695		\$1,247,072	\$1,247,072	\$1,557,423
11	2028	\$1,780,000	\$2,315,000	\$4,095,000		\$1,780,000	\$1,067,928	\$2,847,928	\$3,645,588	\$0	\$1,247,072	\$1,247,072	\$1,596,358
12	2029		\$1,415,000	\$1,415,000	\$1,856,603		\$574,628	\$574,628	\$753,961		\$840,372	\$840,372	
13	2030		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$772,810		\$840,372	\$840,372	
14	2031		\$1,415,000	\$1,415,000	\$1,950,593		\$574,628	\$574,628	\$792,130		\$840,372	\$840,372	\$1,158,463
15	2032		\$1,415,000	\$1,415,000	\$1,999,358		\$574,628	\$574,628	\$811,934		\$840,372	\$840,372	
16	2033		\$1,415,000	\$1,415,000	\$2,049,342		\$574,628	\$574,628	\$832,232		\$840,372	\$840,372	\$1,217,110
17	2034		\$1,415,000	\$1,415,000	\$2,100,575		\$574,628	\$574,628	\$853,038		\$840,372	\$840,372	\$1,247,538
18	2035		\$1,415,000	\$1,415,000	\$2,153,090		\$574,628	\$574,628	\$874,364		\$840,372	\$840,372	
19	2036		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$896,223		\$840,372	\$840,372	
20	2037		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$918,629		\$840,372	\$840,372	
21	2038		\$1,415,000	\$1,415,000	\$2,318,642		\$574,628	\$574,628	\$941,594		\$840,372	\$840,372	\$1,377,048
22	2039		\$1,415,000	\$1,415,000	\$2,376,608		\$574,628	\$574,628	\$965,134		\$840,372	\$840,372	\$1,411,474
23	2040	\$2,270,000	\$1,415,000	\$3,685,000	\$6,343,991	\$264,438	\$574,628	\$839,066	\$1,444,511	\$2,005,562	\$840,372	\$2,845,934	\$4,899,479
24	2041		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$1,013,994		\$840,372	\$840,372	
25	2042		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$1,039,344		\$840,372	\$840,372	
26	2043		\$1,415,000	\$1,415,000	\$2,623,331		\$574,628	\$574,628	\$1,065,327		\$840,372	\$840,372	\$1,558,003
27	2044		\$1,415,000	\$1,415,000	\$2,688,914		\$574,628	\$574,628	\$1,091,961		\$840,372	\$840,372	
28	2045		\$1,415,000	\$1,415,000	\$2,756,137		\$574,628	\$574,628	\$1,119,260		\$840,372	\$840,372	\$1,636,877
29	2046	1	\$1,415,000	\$1,415,000	\$2,825,040		\$574,628	\$574,628	\$1,147,241	-	\$840,372	\$840,372	\$1,677,799
30	2047		\$1,415,000	\$1,415,000	\$2,895,666		\$574,628	\$574,628	\$1,175,922		\$840,372	\$840,372	
31	2048		\$1,415,000	\$1,415,000			\$574,628	\$574,628	\$1,205,320		\$840,372	\$840,372	
32	2049		\$1,065,000	\$1,065,000	\$2,289,757		\$427,978	\$427,978	\$920,155		\$637,022	\$637,022	
33	2050	1	\$135,000	\$135,000	\$297,507		\$51,860	\$51,860	\$114,287	-	\$83,140	\$83,140	\$183,220
34	2051		\$120,000	\$120,000	\$271,062		\$51,860	\$51,860	\$117,144		\$68,140	\$68,140	\$153,918
35	2052		\$120,000	\$120,000	\$277,839		\$51,860	\$51,860	\$120,073		\$68,140	\$68,140	\$157,766
36	2053	***	\$62,000	\$62,000		*** ***	\$27,930	\$27,930	\$66,284	**********	\$34,070	\$34,070	
	TOTAL	\$48,175,025	\$44,958,140	\$93,133,165	\$122,666,380	\$22,796,811	\$18,904,172	\$41,700,983	\$54,002,858	\$25,378,214	\$26,053,968	\$51,432,182	\$68,663,522
		PSE's Share	Ī	\$33,708,537	\$44,167,309	PSE's Share@ 50%	Ī	\$20,850,492	\$27,001,429	PSE's Share @ 25%		\$12,858,046	\$17,165,881
		. DL 3 DIMIC	l	400,700,007	Ç-44,107,507	1523 Sillice 50%	l	420,030,472	\$27,001,425	1523 Share @ 2570		\$12,050,040	\$17,105,001

Units 1&2 Pond Remediation

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					Adjust for inflation @
Line	Year	Capital	O&M	Total 2018 dollars	2.5%
1	2018	Capital \$0	\$300,000	\$300,000	
2	2018	\$372,000	\$300,000	\$672,000	
3	2019	\$10,059,000	\$300,000	\$10,359,000	\$10,883,424
4	2020	\$5,685,000	\$485,000	\$6,170,000	
5	2021	\$12,100,000	\$685,000	\$12,785,000	\$6,644,415 \$14,112,248
6	2022	\$5,900,000	\$800,600	\$6,700,600	
7	2023	\$3,900,000	\$883,000	\$883,000	
8	2024		\$883,000	\$883,000	
9	2023				
10	2020		\$883,000	\$883,000 \$853,000	
11	2027		\$853,000	•	
12	2028		\$853,000 \$853,000	\$853,000 \$853,000	
13	2029			\$853,000	
14	2030		\$853,000 \$853,000	•	
15	2031		\$853,000	\$853,000	\$1,75,870
	2032		\$853,000	\$853,000	
16 17	2033		\$853,000	\$853,000	\$1,235,398
18	2034		\$853,000	\$853,000 \$853,000	\$1,266,283 \$1,297,940
19	2033				
20	2030		\$853,000 \$853,000	\$853,000 \$853,000	\$1,330,389
21	2037			•	\$1,363,649
22	2038		\$853,000	\$853,000	\$1,397,740
23			\$853,000	\$853,000	\$1,432,683
24	2040 2041		\$853,000 \$853,000	\$853,000 \$853,000	\$1,468,500
25	2041			\$853,000	
26	2042		\$853,000		\$1,542,843 \$1,581,414
27	2043		\$853,000	\$853,000	
28	2044		\$853,000	\$853,000 \$853,000	\$1,620,950
29	2045		\$853,000 \$853,000	\$853,000	\$1,661,473 \$1,703,010
30				·	
31	2047 2048		\$853,000	\$853,000 \$853,000	
32			\$853,000		
	2049	\$750,000	\$853,000	\$853,000	\$1,833,956
33	2050	\$750,000	\$853,000	\$1,603,000	\$3,532,622
	2051		\$368,000	\$368,000	\$831,257
35	2052		\$368,000	\$368,000	\$852,039 \$716,709
36	2053 TOTAL	\$34,866,000	\$302,000	\$302,000	\$716,708 \$21,273,078
	TOTAL	\$34,800,000	\$27,029,600	\$61,895,600	\$81,873,078

PSE's Share 50% **\$30,947,800 \$40,936,539**

Source: May 2018, Remedy Evaluation Report Units 1 & 2, Alt 4, Table 7-6

Units 3&4 Pond Remediation

					Adjust for inflation @
Line	Year	Capital	O&M	Total 2018 dollars	2.5%
1	2018	\$400,000	\$7,867	\$407,867	\$407,867
2	2019	\$7,900,000	\$21,167	\$7,921,167	\$8,119,196
3	2020	\$0	\$21,167	\$21,167	\$22,238
4	2021	\$600,000	\$21,167	\$621,167	\$668,929
5	2022	\$8,150,000	\$34,533	\$8,184,533	\$9,034,193
6	2023	\$7,267,598	\$34,533	\$7,302,131	\$8,261,691
7	2024	\$11,600,000	\$54,000	\$11,654,000	\$13,515,067
8	2025	\$0 \$0	\$54,000	\$54,000	\$64,189
10	2026 2027	\$0 \$0	\$54,000 \$54,000	\$54,000 \$54,000	\$65,794 \$67,439
11	2027	\$0 \$0	\$54,000	\$54,000	\$69,125
12	2029	\$0	\$54,000	\$54,000	\$70,853
13	2030	\$0 \$0	\$54,000	\$54,000	\$70,633
14	2031	\$0 \$0	\$54,000	\$54,000	\$74,440
15	2032	\$0	\$54,000	\$54,000	\$76,301
16	2033	\$0	\$54,000	\$54,000	\$78,208
17	2034	\$0	\$54,000	\$54,000	\$80,163
18	2035	\$0	\$54,000	\$54,000	\$82,167
19	2036	\$0	\$54,000	\$54,000	\$84,222
20	2037	\$0	\$54,000	\$54,000	\$86,327
21	2038	\$0	\$54,000	\$54,000	\$88,485
22	2039	\$410,000	\$54,000	\$464,000	\$779,326
23	2040	\$19,750,000	\$97,200	\$19,847,200	\$34,168,372
24	2041	\$0	\$97,200	\$97,200	\$171,520
25	2042	\$0	\$97,200	\$97,200	\$175,808
26	2043	\$0	\$97,200	\$97,200	\$180,203
27 28	2044 2045	\$0 \$0	\$97,200 \$97,200	\$97,200 \$97,200	\$184,708 \$189,326
29	2043	\$0 \$0	\$97,200	\$97,200	\$194,059
30	2047	\$0 \$0	\$97,200	\$97,200	\$198,911
31	2048	\$0	\$89,333	\$89,333	\$187,383
32	2049	\$0	\$89,333	\$89,333	\$192,067
33	2050	\$0	\$76,033	\$76,033	\$167,559
34	2051	\$0	\$76,033	\$76,033	\$171,748
35	2052	\$0	\$76,033	\$76,033	\$176,042
36	2053	\$0	\$62,667	\$62,667	\$148,721
37	2053	\$0	\$62,667	\$62,667	\$148,721
38	2054	\$0	\$62,667	\$62,667	\$152,439
39	2055	\$0	\$43,200	\$43,200	\$107,713
40	2056	\$0	\$43,200	\$43,200	\$110,405
41	2057 2058	\$0 \$0	\$43,200 \$43,200	\$43,200 \$43,200	\$113,166 \$115,995
42	2058	\$0 \$0	\$43,200	\$43,200 \$43,200	\$115,995
44	2039	\$0 \$0	\$43,200	\$43,200	\$121,867
45	2061	\$0 \$0	\$43,200	\$43,200	\$121,807
46	2061	\$0	\$43,200	\$43,200	\$124,914
47	2062	\$0	\$43,200	\$43,200	\$128,037
48	2063	\$0	\$43,200	\$43,200	\$131,237
49	2064	\$0	\$43,200	\$43,200	\$134,518
50	2065	\$0	\$43,200	\$43,200	\$137,881
51	2066	\$0	\$43,200	\$43,200	\$141,328
52	2067	\$0	\$43,200	\$43,200	\$144,862
53	2068	\$0	\$43,200	\$43,200	\$148,483
54	2069	\$0	\$43,200	\$43,200	\$152,195 \$152,105
55	2069	\$0 \$0	\$43,200	\$43,200 \$43,200	\$152,195 \$156,000
56	2070 TOTAL	\$56,077,598	\$43,200 \$2,251,467	\$43,200 \$58,329,065	\$156,000 \$78,375,270
	IOIAL	φου,011,090	φ4,431,407	φ30,343,003	φ10,313,210

PSE's Share 25% \$14,582,266 \$19,593,818