

ORDOT DUMP

Category	Year			
	1	2	3	4
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 89,600	\$ 92,288	\$ 95,057	\$ 97,908
Leachate Sampling & Monitoring	\$ 26,000	\$ 26,780	\$ 27,583	\$ 28,411
Leachate Treatment	\$ 290,175	\$ 298,880	\$ 307,847	\$ 317,082
Power	\$ 8,760	\$ 9,023	\$ 9,293	\$ 9,572
Pump Replacement & Pipe Cleaning				
Water Sampling, Analysis & Reporting	\$ 58,490	\$ 60,245	\$ 62,052	\$ 63,914
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)				
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)			\$ 3,825	
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$14,280	\$14,708	\$15,150	\$15,604
Landfill Gas Monitoring Well Repairs				
Landfill Gas Monitoring Well Replacements				
Landfill Gas O & M	\$ 32,000	\$ 32,960	\$ 33,949	\$ 34,967
Landfill Gas Collection System				
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 3,200	\$ 3,296	\$ 3,395	\$ 3,497
Weed Removal & Minor Erosion Repairs	\$ 5,120	\$ 5,274	\$ 5,432	\$ 5,595
Pond Silt Removal				
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 1,000	\$ 1,030	\$ 1,061	\$ 1,093
Routine Inspections	\$ 1,780	\$ 1,833	\$ 1,888	\$ 1,945
Settlement Surveys at 5-Year Intervals				
Minor Settlement and Rodent Repairs				
Water Supply & Sewerage	\$ 2,724	\$ 2,806	\$ 2,890	\$ 2,977
Inflated Yearly Totals	\$ 533,129	\$ 549,123	\$ 569,421	\$ 582,564
Net Present Value	\$ 533,129	\$ 539,678	\$ 550,004	\$ 553,028

Note: Yearly NPV calculated at 2%, discrete compounding

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Category	Year			
	5	6	7	8
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 100,846	\$ 103,871	\$ 106,987	\$ 110,197
Leachate Sampling & Monitoring	\$ 29,263	\$ 30,141	\$ 31,045	\$ 31,977
Leachate Treatment	\$ 326,595	\$ 207,890	\$ 178,439	\$ 147,034
Power	\$ 9,859	\$ 10,155	\$ 10,460	\$ 10,774
Pump Replacement & Pipe Cleaning				
Water Sampling, Analysis & Reporting	\$ 65,831	\$ 67,806	\$ 69,840	\$ 71,935
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)	\$ 28,982			
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)		\$ 4,179		
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$16,072	\$16,554	\$17,051	\$17,563
Landfill Gas Monitoring Well Repairs				
Landfill Gas Monitoring Well Replacements				
Landfill Gas O & M	\$ 36,016	\$ 37,097	\$ 38,210	\$ 39,356
Landfill Gas Collection System	\$ 115,927			
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 3,602	\$ 3,710	\$ 3,821	\$ 3,936
Weed Removal & Minor Erosion Repairs	\$ 5,763	\$ 5,935	\$ 6,114	\$ 6,297
Pond Silt Removal	\$ 2,856			
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 1,126	\$ 1,159	\$ 1,194	\$ 1,230
Routine Inspections	\$ 2,003	\$ 2,064	\$ 2,125	\$ 2,189
Settlement Surveys at 5-Year Intervals	\$ 18,908			
Minor Settlement and Rodent Repairs	\$ 2,319			
Water Supply & Sewerage	\$ 3,066	\$ 3,158	\$ 3,253	\$ 3,350
Inflated Yearly Totals	\$ 769,033	\$ 493,720	\$ 468,539	\$ 445,837
Net Present Value	\$ 717,508	\$ 452,692	\$ 422,201	\$ 394,833

Note: Yearly NPV calculated at 2%, discrete compounding

POST-CLOSURE CARE COST ESTIMATE
ORDOT DUMP

051513

Category	Year			
	9	10	11	12
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 113,503	\$ 116,908	\$ 120,415	\$ 124,027
Leachate Sampling & Monitoring	\$ 32,936	\$ 33,924	\$ 34,942	\$ 35,990
Leachate Treatment	\$ 113,584	\$ 77,994	\$ 40,167	\$ 29,788
Power	\$ 11,097	\$ 11,430	\$ 11,773	\$ 12,126
Pump Replacement & Pipe Cleaning		\$ 299,693		
Water Sampling, Analysis & Reporting	\$ 74,093	\$ 76,316	\$ 78,606	\$ 80,964
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)		\$ 33,598		
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)	\$ 4,567			\$ 4,990
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$18,089	\$18,632	\$19,191	\$19,767
Landfill Gas Monitoring Well Repairs		\$ 15,186		
Landfill Gas Monitoring Well Replacements		\$ 155,531		
Landfill Gas O & M	\$ 40,537	\$ 41,753	\$ 43,005	\$ 44,295
Landfill Gas Collection System		\$ 134,392		
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 4,054	\$ 4,175	\$ 4,301	\$ 4,430
Weed Removal & Minor Erosion Repairs	\$ 6,486	\$ 6,680	\$ 6,881	\$ 7,087
Pond Silt Removal		\$ 3,311		
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 1,267	\$ 1,305	\$ 1,344	\$ 1,384
Routine Inspections	\$ 2,255	\$ 2,322	\$ 2,392	\$ 2,464
Settlement Surveys at 5-Year Intervals		\$ 21,919		
Minor Settlement and Rodent Repairs		\$ 2,688		
Water Supply & Sewerage	\$ 3,451	\$ 3,554	\$ 3,661	\$ 3,771
Inflated Yearly Totals	\$ 425,917	\$ 1,061,313	\$ 366,677	\$ 371,083
Net Present Value	\$ 370,718	\$ 907,847	\$ 308,265	\$ 306,626

Note: Yearly NPV calculated at 2%, discrete compounding

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Category	Year			
	13	14	15	16
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 127,748	\$ 131,581	\$ 135,528	\$ 139,594
Leachate Sampling & Monitoring	\$ 37,070	\$ 38,182	\$ 39,327	\$ 40,507
Leachate Treatment	\$ 30,681	\$ 31,602	\$ 32,550	\$ 33,526
Power	\$ 12,490	\$ 12,864	\$ 13,250	\$ 13,648
Pump Replacement & Pipe Cleaning				
Water Sampling, Analysis & Reporting	\$ 83,393	\$ 85,895	\$ 88,471	\$ 91,126
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)			\$ 38,949	
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)			\$ 5,453	
Groundwater Monitoring Well Replacement			\$ 158,913	
Quarterly Landfill Gas Monitoring	\$20,360	\$20,971	\$21,600	\$22,248
Landfill Gas Monitoring Well Repairs				
Landfill Gas Monitoring Well Replacements				
Landfill Gas O & M	\$ 45,624	\$ 46,993	\$ 48,403	\$ 49,855
Landfill Gas Collection System			\$ 155,797	
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 4,562	\$ 4,699	\$ 4,840	\$ 4,985
Weed Removal & Minor Erosion Repairs	\$ 7,300	\$ 7,519	\$ 7,744	\$ 7,977
Pond Silt Removal			\$ 3,839	
Drainage Ditch Replacement			\$ 32,047	
Security Fencing Repair & Replacement	\$ 1,426	\$ 1,469	\$ 1,513	\$ 1,558
Routine Inspections	\$ 2,538	\$ 2,614	\$ 2,692	\$ 2,773
Settlement Surveys at 5-Year Intervals			\$ 25,410	
Minor Settlement and Rodent Repairs			\$ 3,116	
Water Supply & Sewerage	\$ 3,884	\$ 4,000	\$ 4,120	\$ 4,244
Inflated Yearly Totals	\$ 377,076	\$ 388,388	\$ 823,564	\$ 412,041
Net Present Value	\$ 306,223	\$ 309,973	\$ 646,003	\$ 317,642

Note: Yearly NPV calculated at 2%, discrete compounding

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Category	Year			
	17	18	19	20
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 143,782	\$ 148,095	\$ 152,538	\$ 157,114
Leachate Sampling & Monitoring	\$ 41,722	\$ 42,974	\$ 44,263	\$ 45,591
Leachate Treatment	\$ 34,532	\$ 35,568	\$ 36,635	\$ 37,734
Power	\$ 14,057	\$ 14,479	\$ 14,913	\$ 15,361
Pump Replacement & Pipe Cleaning				\$ 402,763
Water Sampling, Analysis & Reporting	\$ 93,859	\$ 96,675	\$ 99,575	\$ 102,563
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)				\$ 45,153
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)		\$ 5,959		
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$22,915	\$23,603	\$24,311	\$25,040
Landfill Gas Monitoring Well Repairs				\$ 20,409
Landfill Gas Monitoring Well Replacements				\$ 209,021
Landfill Gas O & M	\$ 51,351	\$ 52,891	\$ 54,478	\$ 56,112
Landfill Gas Collection System				\$ 180,611
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 5,135	\$ 5,289	\$ 5,448	\$ 5,611
Weed Removal & Minor Erosion Repairs	\$ 8,216	\$ 8,463	\$ 8,716	\$ 8,978
Pond Silt Removal				\$ 4,450
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 1,605	\$ 1,653	\$ 1,702	\$ 1,754
Routine Inspections	\$ 2,856	\$ 2,942	\$ 3,030	\$ 3,121
Settlement Surveys at 5-Year Intervals				\$ 29,458
Minor Settlement and Rodent Repairs				\$ 3,612
Water Supply & Sewerage	\$ 4,371	\$ 4,502	\$ 4,637	\$ 4,777
Inflated Yearly Totals	\$ 424,402	\$ 443,093	\$ 450,248	\$ 1,359,233
Net Present Value	\$ 321,527	\$ 329,927	\$ 329,492	\$ 977,560

Note: Yearly NPV calculated at 2%, discrete compounding

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Category	Year			
	21	22	23	24
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 161,828	\$ 166,682	\$ 171,683	\$ 176,833
Leachate Sampling & Monitoring	\$ 46,959	\$ 48,368	\$ 49,819	\$ 51,313
Leachate Treatment	\$ 38,866	\$ 40,032	\$ 41,233	\$ 42,470
Power	\$ 15,822	\$ 16,296	\$ 16,785	\$ 17,289
Pump Replacement & Pipe Cleaning				
Water Sampling, Analysis & Reporting	\$ 105,639	\$ 108,809	\$ 112,073	\$ 115,435
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)				
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)	\$ 6,511			\$ 7,115
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$25,791	\$26,565	\$27,362	\$28,183
Landfill Gas Monitoring Well Repairs				
Landfill Gas Monitoring Well Replacements				
Landfill Gas O & M	\$ 57,796	\$ 59,529	\$ 61,315	\$ 63,155
Landfill Gas Collection System				
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 5,780	\$ 5,953	\$ 6,132	\$ 6,315
Weed Removal & Minor Erosion Repairs	\$ 9,247	\$ 9,525	\$ 9,810	\$ 10,105
Pond Silt Removal				
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 1,806	\$ 1,860	\$ 1,916	\$ 1,974
Routine Inspections	\$ 3,215	\$ 3,311	\$ 3,411	\$ 3,513
Settlement Surveys at 5-Year Intervals				
Minor Settlement and Rodent Repairs				
Water Supply & Sewerage	\$ 4,920	\$ 5,067	\$ 5,219	\$ 5,376
Inflated Yearly Totals	\$ 484,179	\$ 491,998	\$ 506,758	\$ 529,076
Net Present Value	\$ 342,218	\$ 341,791	\$ 345,964	\$ 355,010

Note: Yearly NPV calculated at 2%, discrete compounding

ORDOT DUMP

Category	Year			
	25	26	27	28
Inflated Costs @ 3% per year				
Cover Maintenance & Erosion Repairs	\$ 182,138	\$ 187,603	\$ 193,231	\$ 199,027
Leachate Sampling & Monitoring	\$ 52,853	\$ 54,438	\$ 56,071	\$ 57,754
Leachate Treatment	\$ 43,744	\$ 45,057	\$ 46,409	\$ 47,801
Power	\$ 17,807	\$ 18,341	\$ 18,892	\$ 19,458
Pump Replacement & Pipe Cleaning				
Water Sampling, Analysis & Reporting	\$ 118,898	\$ 122,465	\$ 126,139	\$ 129,923
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)	\$ 52,344			
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)			\$ 7,775	
Groundwater Monitoring Well Replacement				
Quarterly Landfill Gas Monitoring	\$29,028	\$29,899	\$30,796	\$31,720
Landfill Gas Monitoring Well Repairs				
Landfill Gas Monitoring Well Replacements				
Landfill Gas O & M	\$ 65,049	\$ 67,001	\$ 69,011	\$ 71,081
Landfill Gas Collection System	\$ 209,378			
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 6,505	\$ 6,700	\$ 6,901	\$ 7,108
Weed Removal & Minor Erosion Repairs	\$ 10,408	\$ 10,720	\$ 11,042	\$ 11,373
Pond Silt Removal	\$ 5,159			
Drainage Ditch Replacement				
Security Fencing Repair & Replacement	\$ 2,033	\$ 2,094	\$ 2,157	\$ 2,221
Routine Inspections	\$ 3,618	\$ 3,727	\$ 3,839	\$ 3,954
Settlement Surveys at 5-Year Intervals	\$ 34,150			
Minor Settlement and Rodent Repairs	\$ 4,188			
Water Supply & Sewerage	\$ 5,537	\$ 5,703	\$ 5,875	\$ 6,051
Inflated Yearly Totals	\$ 842,838	\$ 553,749	\$ 578,135	\$ 587,472
Net Present Value	\$ 555,768	\$ 358,884	\$ 368,214	\$ 367,757

Note: Yearly NPV calculated at 2%, discrete compounding

ORDOT DUMP

Category	Year		Total NPV
	29	30	
Inflated Costs @ 3% per year			
Cover Maintenance & Erosion Repairs	\$ 204,998	\$ 211,148	
Leachate Sampling & Monitoring	\$ 59,486	\$ 61,271	
Leachate Treatment	\$ 49,235	\$ 50,712	
Power	\$ 20,042	\$ 20,644	
Pump Replacement & Pipe Cleaning		\$ 541,280	
Water Sampling, Analysis & Reporting	\$ 133,821	\$ 137,836	
Five-Year Monitoring and Report (\$25,000 in 2013 dollars)		\$ 60,682	
Groundwater Monitoring Well Repairs (\$3,500 per well in 2013 dollars)		\$ 8,495	
Groundwater Monitoring Well Replacement		\$ 247,581	
Quarterly Landfill Gas Monitoring	\$32,672	\$33,652	
Landfill Gas Monitoring Well Repairs		\$ 27,428	
Landfill Gas Monitoring Well Replacements		\$ 280,907	
Landfill Gas O & M	\$ 73,214	\$ 75,410	
Landfill Gas Collection System		\$ 242,726	
Quarterly Drainage Inspection, Monitoring & Reporting	\$ 7,321	\$ 7,541	
Weed Removal & Minor Erosion Repairs	\$ 11,714	\$ 12,066	
Pond Silt Removal		\$ 5,981	
Drainage Ditch Replacement		\$ 49,929	
Security Fencing Repair & Replacement	\$ 2,288	\$ 2,357	
Routine Inspections	\$ 4,073	\$ 4,195	
Settlement Surveys at 5-Year Intervals		\$ 39,589	
Minor Settlement and Rodent Repairs		\$ 4,855	
Water Supply & Sewerage	\$ 6,232	\$ 6,419	
Inflated Yearly Totals	\$ 605,096	\$ 2,132,700	
Net Present Value	\$ 372,255	\$ 1,289,431	\$ 14,292,170

Note: Yearly NPV calculated at 2%, discrete compounding