

Agreement Pertaining to Forestland Acquisition and Biosolids Application

Financial Analysis

This financial analysis is a "differential" analysis, in other words

Base Assumption: Ramp-up to 30,000 wet tons of biosolids applied to 30

Year	Rate	Differential Wet Tons Applied to Forestland			Haul & Application Cost	
		Wet Tons	Cost	Wet Tons	Cost	Total
0%	1995	20,000	5,000	25,000	\$245,813	\$75,000
0%	1996	20,000	5,000	25,000	\$214,788	\$75,000
0%	1997	20,000	10,000	30,000	\$221,121	\$150,000
0%	1998	20,000	10,000	30,000	\$209,153	\$150,000
0%	1999	20,000	15,000	35,000	\$204,603	\$225,000
0%	2000	20,000	15,000	35,000	\$200,143	\$225,000
0%	2001	0	20,000	20,000	\$0	\$112,000
0%	2002 REVIEW	0	20,000	20,000	\$0	\$112,000
0%	2003	0	20,000	20,000	\$0	\$112,000
0%	2004	0	20,000	20,000	\$0	\$112,000
0%	2005	0	20,000	20,000	\$0	\$112,000
0%	2006	0	25,000	25,000	\$0	\$151,000
0%	2007	0	25,000	25,000	\$0	\$151,000
0%	2008	0	25,000	25,000	\$0	\$151,000
0%	2009	0	25,000	25,000	\$0	\$151,000
0%	2010	0	25,000	25,000	\$0	\$151,000
0%	2011	0	30,000	30,000	\$0	\$177,600
0%	2012 REVIEW	0	30,000	30,000	\$0	\$177,600
20%	2013	0	30,000	30,000	\$0	\$142,080
20%	2014	0	30,000	30,000	\$0	\$142,080
20%	2015	0	30,000	30,000	\$0	\$142,080
20%	2016	0	30,000	30,000	\$0	\$142,080
20%	2017	0	30,000	30,000	\$0	\$142,080
20%	2018	0	30,000	30,000	\$0	\$142,080
20%	2019	0	30,000	30,000	\$0	\$142,080
20%	2020	0	30,000	30,000	\$0	\$142,080
20%	2021	0	30,000	30,000	\$0	\$142,080
20%	2022 REVIEW	0	30,000	30,000	\$0	\$142,080
40%	2023	0	30,000	30,000	\$0	\$106,560
40%	2024	0	30,000	30,000	\$0	\$106,560
40%	2025	0	30,000	30,000	\$0	\$106,560
40%	2026	0	30,000	30,000	\$0	\$106,560
40%	2027	0	30,000	30,000	\$0	\$106,560
40%	2028	0	30,000	30,000	\$0	\$106,560
40%	2029	0	30,000	30,000	\$0	\$106,560
40%	2030	0	30,000	30,000	\$0	\$106,560
40%	2031	0	30,000	30,000	\$0	\$106,560
40%	2032 REVIEW	0	30,000	30,000	\$0	\$106,560
60%	2033	0	30,000	30,000	\$0	\$71,040
60%	2034	0	30,000	30,000	\$0	\$71,040
60%	2035	0	30,000	30,000	\$0	\$71,040
60%	2036	0	30,000	30,000	\$0	\$71,040
60%	2037	0	30,000	30,000	\$0	\$71,040
60%	2038	0	30,000	30,000	\$0	\$71,040
60%	2039	0	30,000	30,000	\$0	\$71,040
60%	2040	0	30,000	30,000	\$0	\$71,040
60%	2041	0	30,000	30,000	\$0	\$71,040
60%	2042	0	30,000	30,000	\$0	\$71,040
60%	2043	0	30,000	30,000	\$0	\$71,040
60%	2044	0	30,000	30,000	\$0	\$71,040
Totals --->		120,000	1,305,000	1,425,000	\$1,295,621	\$5,909,080

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ords, the BASE cost of the CURRENT Biosolids Management Program (BMP) compared to the cost of t
600 acres of DNR land - Metro @ 50% and DNR @ 50%

Differential	Area A		Site Design & Review (U of W)		Current	Future	Total
	Per Acre	Condemned	Per Acre	DNR Land			
\$320,813	\$10,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$289,788	\$10,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$371,121	\$20,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$359,153	\$20,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$429,803	\$30,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$425,143	\$30,000	(\$130,000)		(\$30,000)	(\$25,000)	(\$25,000)	
\$112,000	\$40,000	\$0		\$0	(\$25,000)	\$0	
\$112,000	\$40,000	\$0		\$0	(\$25,000)	\$0	
\$112,000	\$40,000	\$0		\$0	(\$25,000)	\$0	(\$447,000)
\$151,000	\$50,000	\$0		\$0	(\$25,000)	\$0	
\$151,000	\$50,000	\$0		\$0	(\$25,000)	\$0	
\$151,000	\$50,000	\$0		\$0	(\$25,000)	\$0	
\$151,000	\$50,000	\$0		\$0	(\$25,000)	\$0	
\$177,600	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$177,600	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	(\$447,000)
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$142,080	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	(\$447,000)
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$106,560	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	(\$447,000)
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$71,040	\$60,000	\$0		\$0	(\$25,000)	\$0	
\$7,204,701	\$2,610,000	(\$780,000)		(\$180,000)	(\$1,250,000)	(\$150,000)	(\$1,788,000)

the BMP with the implementation of this agreement

Year	Present Value of Benefits	Present Value of Costs	Net Present Value of Benefits	Net Present Value of Costs
\$120,813	\$116,728	\$202,724		(\$6,500,000)
\$88,788	\$83,618	\$198,180		(\$2,950,000)
\$181,121	\$163,361	\$193,737		(\$2,950,000)
\$168,153	\$147,497	\$0		
\$248,603	\$210,189	\$319,492		
\$246,143	\$199,424	\$0		
\$127,000	\$89,821	\$598,466		
\$127,000	\$96,445	\$0		
\$127,000	\$93,184	\$0		
\$127,000	\$80,039	\$0		
(\$320,000)	(\$219,183)	\$86,305		
\$176,000	\$116,474	\$84,370		
\$176,000	\$112,536	\$82,479		
\$176,000	\$108,730	\$0		
\$176,000	\$106,063	\$0		
\$176,000	\$101,500	\$0		
\$212,600	\$118,462	\$0		
\$212,600	\$114,456	\$0		
\$177,080	\$82,108	\$4,932		
\$177,080	\$88,994	\$0		
(\$260,820)	(\$131,066)	\$0		
\$177,080	\$83,077	\$182,201		
\$177,080	\$80,268	\$0		
\$177,080	\$77,853	\$18,873		
\$177,080	\$74,931	\$0		
\$177,080	\$72,397	\$0		
\$177,080	\$69,948	\$69,568		
\$177,080	\$67,583	\$1,561,765		
\$141,560	\$52,200	\$180,288		
\$141,560	\$50,435	\$602,011		
(\$305,440)	(\$105,142)	\$0		
\$141,560	\$47,081	\$0		
\$141,560	\$45,489	\$0		
\$141,560	\$43,951	\$0		
\$141,560	\$42,466	\$1,091,552		
\$141,560	\$41,029	\$0		
\$141,560	\$39,641	\$0		
\$141,560	\$38,301	\$0		
\$106,040	\$27,720	\$171,059		
\$106,040	\$26,783	\$0		
(\$340,960)	(\$83,205)	\$0		
\$106,040	\$25,992	\$0		
\$106,040	\$24,187	\$0		
\$106,040	\$23,340	\$0		
\$106,040	\$22,550	\$65,977		
\$106,040	\$21,798	\$0		
\$106,040	\$21,081	\$1,984,687		
\$106,040	\$20,339	\$0		
\$106,040	\$19,651	\$0		
\$106,040	\$18,987	\$17,616,046		
\$5,666,701	\$2,897,815	\$25,314,695	(\$6,500,000)	(\$5,900,000)
		Net Present Value		\$15,812,510