

# TREATMENT TRUST CALCULATOR

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Prepared For: AI Hamilton  
 Treatment System ID: Various

Date: year 2002  
 mm / dd / yy  
 August 27, 2002

Inflation Rate: 3.1%  
 Yrs to Treat start: 0  
 Treatment Cost: \$312,751.00  
 Trust Fees: 1.50%  
 Bond: \$3,809,814.00

Investment Options:  
 stock: 80%  
 bond: 20%

Effective Rate of Return: 8.4%

Volatility Index (Y/N): 1.16

Pay Schedule (1/2):

Remaining Time on Permit: \* years:  
 \* months:

y
1
5
0

## Options

option #1  
 conventional bond \$12,508,579.80  
 adjustment \$8,698,765.80

option #2 \$7,169,379.53  
 full funding in year 1

option #3 NA  
 time funding

\* years to fund 0

option #4 NA  
 future funding

option #5  
 bond maintenance \$3,359,565.53  
 full funding in year 1

option #6  
 bond maintenance  
 \* initial payment \$0.00  
 minimum payment \$3,359,565.53  
 \* years 1

option #7  
 term funding  
 \* initial payment \$0.00  
 \* annual payment \$0.00  
 annually for 99 yrs

## Summary of Options

	bond release (1):	cash payout (2):
option #1	none	none
option #2	year 1	year 1
option #3	NA	NA
option #4	NA	NA
option #5	year 2 - 17	year 17
option #6	year 2 - 17	year 17
option #7	year 0 - 0	year 0

The option #7 fund will be insolvent in years 1 - 99 by a maximum of \$139,023,913.22 in year 99, and an average of \$41,837,691.13.

AMD TREATMENT LIABILITY AND TRUST FUND AMOUNT

PERMITEE	PERMIT #	NAME	TREATMENT TYPE	CURRENT BOND	ANNUAL TREATMENT COST	RECAP COST	BOND NEEDED	O&M TRUST FUND AMOUNT	TOTAL TRUST FUND AMOUNT
Al Hamilton	4770BSM9	Brenda Gayle	Caustic(CP), ALD/SAP/WET?	\$115,715.00	\$9,491.00	\$3,507.00	\$379,595.69	\$217,567.91	\$221,074.91
	17890115	Kaufman	Limestone Addition (SLB11)	\$407,290.00	\$3,458.00	\$5,672.00	\$138,303.85	\$79,269.82	\$84,941.82
	17970107	Kaufman/North	Limestone Addition (533)		\$3,458.00	\$1,596.00	\$138,303.85	\$79,269.82	\$80,865.82
	17723164	Little Beth	SAP (GRIR)	\$462,100.00	\$9,654.00	\$14,083.00	\$386,114.43	\$221,304.46	\$235,387.46
	(4772SM15)	Little Beth (MDP)	Caustic? (JER1,1A,3/3A,4,5,GR777)	\$139,420.00	\$8,880.00	\$3,338.00	\$355,158.54	\$203,561.59	\$209,899.59
			Caustic (D1)	\$810.00	\$9,448.00	\$3,507.00	\$377,875.89	\$216,582.19	\$220,089.19
			Caustic? (SLB49)		\$14,667.00	\$3,507.00	\$586,611.52	\$336,220.47	\$339,727.47
			Caustic? (SLB2,7A,50)		\$11,702.00	\$3,507.00	\$468,025.36	\$268,251.99	\$271,758.99
			Mayes Property Discharge?		?	?			
			ALD(W33)(Could fail;used caustic #'s)	\$441,080.00	\$10,556.00	\$6,338.00	\$422,190.72	\$241,981.55	\$248,319.55
	17820106	Pearce	Caustic(IKE)	\$179,840.00	\$8,789.00	\$3,507.00	\$351,518.97	\$201,475.54	\$204,982.54
	4577SM8	Caledonia Pike	Caustic(S1B)	\$802,300.00	\$16,320.00	\$3,507.00	\$652,723.80	\$374,113.19	\$377,620.19
	17753159	Miller Stein	ALD(W101)		\$3,458.00	\$1,159.00	\$138,303.85	\$79,269.82	\$80,428.82
			ALD(W102)		\$3,458.00	\$2,077.00	\$138,303.85	\$79,269.82	\$81,346.82
			Caustic? (SLB 3,4,5,7)		\$10,055.00	\$3,507.00	\$402,153.05	\$230,496.82	\$234,003.82
	17803176	Sandrum	Caustic(SGS11)	\$232,580.00	\$9,109.00	\$3,507.00	\$364,317.47	\$208,811.09	\$212,318.09
	17850109	Ralston	Caustic(GR192)	\$122,000.00	\$8,559.00	\$3,507.00	\$342,320.04	\$196,203.11	\$199,710.11
			Caustic(GR193)		\$9,108.00	\$3,507.00	\$364,277.48	\$208,788.17	\$212,295.17
			Caustic(GR196)		\$8,538.00	\$3,507.00	\$341,480.14	\$195,721.72	\$199,228.72
	17870104	Lezzer	Caustic(SBEP)	\$36,300.00	\$8,827.00	\$3,507.00	\$353,038.79	\$202,346.64	\$205,853.64
	17820166	Carnworth	Soda Ash(1107A)	\$26,775.00	\$13,419.00	\$3,650.00	\$536,697.35	\$307,611.82	\$311,261.82
	4578BC4	Buck Run #2	Caustic(EAST)	\$41,800.00	\$12,578.00	\$3,507.00	\$503,061.27	\$288,333.07	\$291,840.07
Bradford Coal	3268BSM34	Bear Hill #1	Caustic(I-S)/Wetland Tr	\$93,200.00	\$22,778.00	\$3,507.00	\$911,013.65	\$522,153.81	\$525,660.81
Manor Mining	17841301	Manor Mine #44	Lime(RAW)	\$232,829.00	\$42,647.00	\$109,709.00	\$1,705,680.89	\$977,622.87	\$1,087,331.87
Thompson Bros.	17810104	Morris #2	Caustic(11)	\$431,600.00	\$44,167.00	\$3,507.00	\$1,766,473.79	\$1,012,466.74	\$1,015,973.74
<b>TOTALS</b>			<b>24 Treatment Systems</b>	<b>\$3,765,639.00</b>	<b>\$303,124.00</b>	<b>\$203,227.00</b>	<b>\$12,123,545</b>	<b>\$6,948,694</b>	<b>\$7,151,921.01</b>