

# TREATMENT BOND/TRUST CALCULATOR

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Prepared For: **BET Assoc**  
 Treatment System(s) ID: **14 Shaft Treatment Facility**

Date (mm/dd/yy): **April 11, 2011**

Inflation Rate:	<b>3.1%</b>
Yrs to Treat start:	<b>0</b>
Annual Treatment Cost:	<b>\$707,688.00</b>
Trust Fees:	<b>0.31%</b>
Bond (not needed for rec):	<b>\$0.00</b>
Investment Ratios:	
stock:	<b>80%</b>
bond:	<b>20%</b>
Effective Rate of Return:	<b>9.62%</b>
Volatility Index:	<b>1.16</b>
Rec Bond Rate of Return:	<b>6.00%</b>
Remaining Time on Permit:	<b>5</b> years

Options	O&M only	Total with Recap	Total with Recap & Insurance
option #1			
conventional bond:	\$29,251,795.92	\$29,636,814.66	<b>\$31,063,852.71</b> bond in year
bond adjustment:	\$29,251,795.91	\$29,636,814.66	<b>\$31,063,852.71</b> 6
option #2			
fully funded trust:	\$13,411,686.18	\$13,572,428.18	<b>\$13,829,644.84</b> trust in year 1

PV of Recap (today's \$\$) @	<b>9.62%</b> Eff RoR &	<b>3.1%</b> Inf:	<b>\$160,742.00</b> for trust in year 1
PV of Recap (today's \$\$) @	<b>6.00%</b> Eff RoR &	<b>3.1%</b> Inf:	<b>\$330,513.00</b> for bond in year 1 <b>\$385,018.74</b> for bond in year 6

Liability Insurance Factor @	<b>\$1.00</b> per year, per \$1000 in the total PV of the Trust:	<b>\$13,572.43</b> per year	PV Insurance: <b>\$257,216.67</b>
Liability Insurance Factor @	<b>\$1.00</b> per year, per \$1000 in total Bond:	<b>\$29,636.81</b> per year	PV Insurance: <b>\$1,225,017.32</b>

**Fields in RED can be updated**  
**Fields in BLUE are fixed or calculated**  
**Fields in GREEN are partial amounts**  
**Highlighted Fields in GREEN are final amounts**