

**SOIL TECHNOLOGY:****Incineration**

RACER PARAMETERS	Scenario A	Scenario B	Scenario C	Scenario D
	Small Site		Large Site	
Remedial Action:	Easy	Difficult	Easy	Difficult
Media/Waste Type	Soil	Sediment	Soil	Sediment
Contaminant	SVOC	SVOC	SVOC	SVOC
Approach	Ex Situ	Ex Situ	Ex Situ	Ex Situ
System Definition:				
Type of Waste	Soil	Sediment	Soil	Sediment
Total Volume of Waste (CY)	15,000	15,000	100,000	100,000
Size Reduction Materials Processing	No	Yes	No	Yes
Safety Level	D	D	D	D
Waste:				
Moisture Content (%)	20	55	20	55
Ash Content (%)	78	40	78	40
Bulk Density (Lbs/CY)	2430	2430	2430	2430
Mobilization Distance (Mi)	50	50	50	50
O&M:				
Years of O&M	N/A	N/A	N/A	N/A
Additional Costs:				
O&M	\$0	\$0	\$0	\$0
Remedial Design (3%)	\$347,647	\$511,396	\$2,024,029	\$3,096,904
Incineration Marked-Up Costs	\$11,588,242	\$17,046,523	\$67,467,651	\$103,230,123
<b>TOTAL MARKED-UP COSTS</b>	<b>\$11,935,889</b>	<b>\$17,557,919</b>	<b>\$69,491,680</b>	<b>\$106,327,027</b>
<b>COST PER CUBIC FOOT</b>	<b>\$30</b>	<b>\$44</b>	<b>\$26</b>	<b>\$40</b>
<b>COST PER CUBIC METER</b>	<b>\$1,047</b>	<b>\$1,540</b>	<b>\$914</b>	<b>\$1,399</b>
<b>COST PER CUBIC YARD</b>	<b>\$796</b>	<b>\$1,171</b>	<b>\$695</b>	<b>\$1,063</b>