

Table ES-1 summarizes in numerical format the results of the SFS evaluation of long-term risks, short-term risks, time to achieve the remedial action objectives, and the anticipated costs of each of the alternatives.

Table ES-1 SUMMARY OF POTENTIAL RISKS, IMPLEMENTATION SCHEDULES AND COSTS WEST LAKE LANDFILL SFS REMEDIAL ALTERNATIVES			
	ROD-Selected Remedy	“Complete Rad Removal” with Off-site Disposal	“Complete Rad Removal” with On-Site Disposal
Long term residual cancer risk 1,000 years after cleanup	1.3 x 10 ⁻⁶ (1.3 extra incidences in 1,000,000 people)	<1 x 10 ⁻⁷ (less than 0.1 extra incidence in 1,000,000 people)	1.5 x 10 ⁻⁶ (1.5 extra incidences in 1,000,000 people)
Short term risks during cleanup	<u>On-Site Workers</u> Industrial accidents: 4.7 Cancer risk: 7.2 x 10 ⁻⁵ (0.72 extra incidences in 10,000 people) Worker dose: 50 mrem/yr	<u>On-Site Workers</u> Industrial accidents: 7.6 Cancer risks: 7.6 x 10 ⁻⁴ (7.6 extra incidences in 10,000 people) Worker dose: 260 mrem/yr	<u>On-Site Workers</u> Industrial accidents: 9.0 Cancer risks: 7.4 x 10 ⁻⁴ (7.4 extra incidences in 10,000 people) Worker dose: 260 mrem/yr
	<u>Community</u> Transportation accidents: 0.61 Cancer risk: 3.3 x 10 ⁻⁶ (0.33 extra incidences in 100,000 people) Carbon dioxide emissions: 8,350 tons	<u>Community</u> Transportation accidents: 1.4 Cancer risks: 2.1 x 10 ⁻⁵ (2.1 extra incidences in 100,000 people) Carbon dioxide emissions: 35,400 tons	<u>Community</u> Transportation accidents: 0.79 Cancer risks: 2.0 x 10 ⁻⁵ (2.0 extra incidences in 100,000 people) Carbon dioxide emissions: 17,900 tons
Schedule to reach cleanup goals	3 years (or 5 years at spend rate of \$10M per year)	4 years (or 29 years at spend rate of \$10M per year)	6 years (or 13 years at spend rate of \$10M per year)
Costs	Capital construction: \$41,400,000 OM&M per year: \$42,000 to \$414,000	Capital construction: \$259,000,000 to \$415,000,000 OM&M per year: \$40,000 to \$412,000	Capital construction: \$117,000,000 OM&M per year: \$52,000 to \$604,000