

Table A49-1b *Estimated Cost of Capping*
FS Group A49-1 - Remedial Alternative A49-1B (Roadway or Parking Lot Reuse)
Sites 32D, 34D, 35D, and 38D
Perimeter Groundwater Operable Unit RI/FS
Aerojet Superfund Site
Sacramento County, California

DESCRIPTION	QUANTITY		COST		SOURCE
	NUMBER	UNIT	UNIT COST	TOTAL COST	
DIRECT CAPITAL COST					
- Surveying/Site Layout	1	DAY	\$1,500	\$1,500	
- Purchase and Placement of Baserock for Asphalt Surface (2 inches over approximately 8.1 acres)	2,175	CY	\$15.50	\$33,713	
- Placement of Asphalt-Concrete Surface over Baserock (2 inches)	35,000	SY	\$6.83	\$239,085	
	TOTAL DIRECT CAPITAL COSTS			\$274,300	
INDIRECT CAPITAL COST					
Engineering Design, Procurement, Administrative, and Legal Costs (% of Direct Capital Costs)	1	ls	10%	\$27,430	ERM, 2006
Construction Management (% of Direct Capital Costs)	1	ls	15%	\$41,145	ERM, 2006
Health and Safety Contingency (2% of Direct Capital Costs)	1	ls	2%	\$5,486	ERM, 2006
	INDIRECT CAPITAL COST			\$74,100	
	TOTAL CAPITAL COST (DIRECT AND INDIRECT)			\$348,000	

Notes and Key:

All total costs rounded to the nearest \$1,000.
CY = Cubic yard
ls = Lump sum
SY = Square yard

References:

ERM, 2006: ERM-West Incorporated, Internal Quote, 2006.
Means 2002: RS Means Site Work and Landscape Cost Data, 18th Annual Edition, 2004.
Means 2004: RS Means Heavy Construction Cost Data, 18th Annual Edition, 2004.
Means ECHOS 2004: RS Means Environmental Cost Data, 10th Annual Edition, 2004.