

Attachment C

Analysis of Scenario 1 and Scenario 2

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Scenario 1: Minimal Processed Waste in Cell (6 months)

Simple filling of remaining excavated cell volume with compacted "Interim Fill" soil to grade, resulting in a backfilled thickness of 64 feet.

Scenario 2: Volume of processed waste material sufficient to fill the cell to capacity requires construction of engineered tailings cover, resulting in a tailings cover of approximately 13.5 feet in thickness

Item	Description	Unit Cost	Scenario 1		Scenario 2	
			Quantities	Costs	Quantities	Costs
1)	Project Management - Revision			\$500,000		
9)	Construct Interim Fill Cover	\$ 1.52 / CY	1,234,850 CY	\$1,880,482	94,560 CY	\$144,000
11a)	Radon Barrier					\$548,100
11b)	Capillary Break Layer					\$1,597,740
11c)	Capillary Break Filter Layer					\$798,870
11d)	Bio-Intrusion Layer					\$354,735
11e)	Erosion Barrier					\$120,510
11f)	Erosion Barrier Rock Mulch Layer					\$798,870
11g)	Rock Blanket					\$789,400
11h)	Rock Blanket Filter					\$394,620
11i)	Drainage Channel Filter Layer					\$7,820
11j)	Drainage Channel Rip Rap					\$23,160
Total				\$2,380,482		\$5,577,830