

Capital Cost: Soil Excavation and Closure

I. Soil Excavation					
TIME FRAME: Two (2) Months					
Item	Description	Unit Cost	Quantity	Cost	Source
Soil Remediation Area - Site (Approximately 323 yd ³)	Dig, Haul and Replace @ \$150.00 per yd ³	\$55,942.00	1	\$55,942.00	Zealous Energy Services Bid (April 26, 2017)
On Site Project Manager	Hydrogeologist per hour	\$90.00	320	\$28,800.00	Professional Judgement and Actual Costs
Equipment	Field and Sampling Kits	\$50.00	10	\$500.00	Professional Judgement and Actual Costs
Mileage: 1 truck	45 mile round trip @ \$1.50 per mile	\$67.50	10	\$675.00	Professional Judgement and Actual Costs
Laboratory Analyses	29B @ \$500.00 per sample	\$500.00	10	\$5,000.00	Professional Judgement and Actual Costs
Subtotal:				\$90,917.00	Subtotal
20% Contingency:				\$18,183.40	20% Contingency
Total Capital Cost:				\$109,100.40	Total Capital Cost

II. HET Closure Report					
TIME FRAME: Two (2) Months following completion of Excavation Actives					
Item	Description	Unit Cost	Quantity	Cost	Source
Project Management and Review of Data	Senior Hydrogeologist per hour	\$150.00	40	\$6,000.00	Professional Judgement and Actual Costs
Tabulate Data and GIS Mapping	Hydrogeologist per hour	\$90.00	24	\$2,160.00	Professional Judgement and Actual Costs
Closure Report	HET	\$7,500.00	1	\$7,500.00	Professional Judgement and Actual Costs
Subtotal:				\$15,660.00	Subtotal
20% Contingency:				\$3,132.00	20% Contingency
Total Capital Cost:				\$18,792.00	Total Capital Cost

TOTAL CAPITAL COSTS SUMMARY					
Item	Description	Unit Cost	Quantity	Cost	Source
Soil Excavation Area - Site (322.66 yd ³)	Dig, Haul, and Replace			\$109,100.40	Professional Judgement and Actual Costs
HET Closure Report				\$18,792.00	Professional Judgement and Actual Costs
TOTAL ESTIMATED CAPITAL COSTS				\$127,892.40	Total Capital Cost