

**ESTIMATED COST BREAKDOWN PER TASK TO ADDRESS POTENTIAL ENVIRONMENTAL CONDITIONS
DURING PROPOSED DEVELOPMENT**

**PROPOSED APARTMENT BUILDING
1348-1356 FLORIDA AVENUE, NE
WASHINGTON, DC**

CORRECTIVE ACTION PLAN PREPARATION AND PROJECT PLANNING		UNITS	COST/UNIT	ESTIMATED COST
Soil Management Plan Preparation		1	\$3,500.00	\$3,500.00
Hazardous Materials Abatement - Budget (asbestos, light tubes, ASTs, ballasts)		1	\$10,000	\$10,000
TOTAL ESTIMATED COST				\$13,500
USTs		UNITS	COST/UNIT	ESTIMATED COST
Removal, Transport, and Disposal of Petroleum Fluids (per gallon)		0	\$1.25	\$0
Hydraulic Lift and Oil/Water Separator Removal & Disposal		0	\$3,000	\$0
Coordination, Supervision, Monitoring, and Documentation (per day)		0	\$950	\$0
TOTAL ESTIMATED COST				\$0
PETROLEUM-IMPACTED SOIL		UNITS	COST/UNIT	ESTIMATED COST
Characterization of Petroleum-Impacted Soil for Disposal (per sample)		1	\$950	\$950
Petroleum-Impacted Soil Excavation, Transportation, and Disposal (per ton) ³		550	\$35.00	\$19,250
Laboratory Analysis of Post-Excavation Soil Samples (per sample)		10	\$475	\$4,750
Coordination, Supervision, Monitoring, and Documentation (per week)		3	\$4,750	\$14,250
TOTAL ESTIMATED COST				\$39,200
GROUNDWATER INVESTIGATION⁴		UNITS	COST/UNIT	ESTIMATED COST
Well Installation (per well)		0	\$1,250	\$0
Well Sampling (per event)		0	\$2,350	\$0
Laboratory Analysis of Groundwater Samples (per sample)		0	\$225	\$0
TOTAL ESTIMATED COST				\$0
VAPOR VENTING SYSTEM AND BARRIER INSTALLATION		UNITS	COST/UNIT	ESTIMATED COST
Vapor System and Barrier Design		1	\$5,000	\$5,000
Vapor System and Barrier Install for Garage Floor (per square foot)		9,000	\$5.00	\$45,000
Vapor System and Barrier Install for Walls (per square foot)		0	\$7.00	\$0
Coordination, Supervision, Monitoring, and Documentation (per week)		2	\$4,750	\$9,500
TOTAL ESTIMATED COST				\$59,500
POST-REMEDIAL ACTION REPORT PREPARATION		UNITS	COST/UNIT	ESTIMATED COST
Abatement/Post Remediation Closeout Report Preparation		1	\$2,500	\$2,500
TOTAL ESTIMATED COST				\$2,500
TOTAL ESTIMATED PROJECT COST				\$114,700
CONTINGENCY (10%)				\$11,470
TOTAL ESTIMATED PROJECT COST				\$126,170

NOTES:

- ¹ Assumes site work contractor will excavate and load impacted soil into dump trucks provided by disposal contractor and developer will pay disposal facility directly.
- ² Impacted soil containing target constituents below DDOE beneficial reuse requirements that cannot be reused during development and will need to be disposed as petroleum-impacted soil.
- ³ Estimated cost of transporting, and disposing of "petroleum-impacted" soil
- Also assumes developer will contract directly with disposal facility.
- ⁴ Assumes groundwater treatment and long-term monitoring is not required.
- ⁵ Assumes developer will purchase this directly from manufacturer.