

**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.