

**TABLE 1**  
**COST ESTIMATE**

Additional Soil, Soil Vapor, and Groundwater Quality Assessment  
Former Specific Plating Facility  
1350 South Eastern Avenue  
City of Commerce, California

<b>Task and Description</b>	<b>Estimated Cost</b>
<b>Task 1: File Review (Budget Already Approved)</b>	
Professional Services	\$2,757
Subcontractors	\$0
Expenses	\$100
Task 1 Subtotal:	\$2,857
<b>Task 2: Work Plan (Budget Already Approved)</b>	
Professional Services	\$7,282
Subcontractors	\$0
Expenses	\$0
Task 2 Subtotal:	\$7,282
<b>Task 3: First Phase of Field Work (Budget Already Approved)</b>	
<i>Soil Gas and Soil Sampling (Upper 15 feet)</i>	
Professional Services	\$15,226
Subcontractors	\$31,825
Direct-Push Drilling and Probe Installation	
Laboratory (mobile and stationary)	
Waste Profile and Disposal	
Expenses	\$1,335
Task 3 Subtotal:	\$48,386
<b>Task 4: Second Phase of Field Work</b>	
<i>Groundwater Monitoring Well Installation (4 wells)</i>	
<i>Install and Sample Soil Gas Probes (20, 40, 60, 80 feet) at 4 locations and Soil Sampling (10, 20, 40, 60, and 80 feet)</i>	
Professional Services	\$61,229
Subcontractors	\$123,031
Hollow-Stem Auger Drilling	
Laboratory	
Waste Profile and Disposal	
Expenses	\$5,870
Task 4 Subtotal:	\$190,130
<b>Task 5: Groundwater Monitoring and Sampling (Second Phase of Field Work; One Event)</b>	
Professional Services	\$5,155
Laboratory	\$4,174
Expenses	\$2,682
Task 5 Subtotal:	\$12,011
<b>Task 6: Data Evaluation, Reporting, and Responding to DTSC's Comments</b>	
<i>Task 6A: Data Transmittal for First Phase of Field Work (Budget Already Approved)</i>	
Professional Services	\$6,511
Expenses	
<i>Task 6B: Comprehensive Site Assessment Report After Completing Second Phase of Field Work and Responding to DTSC's Comments</i>	
Professional Services	\$38,484
Expenses	
Task 6 Subtotal:	\$44,996
<b>ESTIMATED TOTAL</b>	<b>\$305,663</b>
<b>BUDGET ALREADY APPROVED</b>	<b>\$65,000</b>
<b>ADDITIONAL BUDGET REQUEST</b>	<b>\$240,663</b>



## **COST ESTIMATE ASSUMPTIONS**

Additional Soil, Soil Vapor, and Groundwater Quality Assessment  
Former Specific Plating Facility  
1350 South Eastern Avenue  
City of Commerce, California

### **General**

Standard field day is 10 hours on site and 2 hours mobilization/demobilization (12 hours per day).  
Project management time is included within each task.

### **Task 1: File Review**

File review

### **Task 2: Work Plan**

Comprehensive work plan

### **Task 3: First Phase of Field Work (Soil Gas and Soil Sampling)**

Amec Foster Wheeler - site walk and mark borings  
SSS - utility clearance  
American Barricade for traffic control (3 days)  
Interphase - Install soil gas probe at 5' and 15' at 23 locations (18 onsite and 5 offsite; 3 days)  
AA - 2 days of mobile lab services with single GC/MS (46 soil gas probes + 5 duplicates + 1 equipment blank)  
Amec Foster Wheeler - destroying offsite probes and patching surface to match surroundings.  
Eurofins -soil samples (31 samples for VOCs and metals + 12 soil samples for TPH, Cr(VI), Cr, CN +  
5 soil samples for SVOCs + 3 trip blanks + 3 equipment blanks) and 1 soil sample for profiling waste  
(investigative derived waste)  
Belshire - drum removal and disposal of non-hazardous investigative derived waste (3 drums)

### **Task 4: Second Phase of Field Work (Groundwater Monitoring Well Installation and Soil Gas Probe Installation/Sampling)**

Amec Foster Wheeler - site walk and mark locations  
SSS - utility clearance  
Gregg - install 4 groundwater monitoring wells to 160' using hollow-stem and develop wells. Install soil gas probes at 20', 40', 60' and 80' in same borehole as the 4 groundwater monitoring wells (19 days)  
Eurofins - up to 20 soil samples (VOCs and metals, Cr(VI), Cr, TPH, CN, and SVOCs) + 15 trip blanks + 15 equipment blanks (for soil sampling equipment), 7 samples for profiling waste (4 for soil stockpile and 3 for investigative derived waste)  
PTS - physical property/vapor transport testing (up to 12 samples) and TOC testing (up to 20 samples)  
AA - 2 days of mobile lab services with single GC/MS (16 soil gas probes + 2 duplicates + 1 equipment blank)  
Dulin and Boynton - survey 4 monitoring wells  
Belshire - drum removal and disposal of non-hazardous investigative derived waste (up to 94 drums)  
removal and disposal costs are not included in this cost estimate for the stockpiled soil generated from unauthorized dumping at the site.

### **Task 5: Groundwater Monitoring and Sampling (Second Phase of Field Work; One Event)**

Amec Foster Wheeler - conduct one event of groundwater monitoring and sampling (1.5 days)  
Eurofins - groundwater samples (4 samples + 1 duplicate sample + 2 equipment blank samples for VOCs, metals, TPH, Cr(VI), CN, and 1,4-dioxane + 2 trip blank sample for VOCs)

### **Task 6: Data Evaluation, Reporting, and Responding to DTSC's Comments**

#### **Task 6A: Data Transmittal for First Phase of Field Work**

Data transmittal report after first phase of field work

#### **Task 6B: Comprehensive Site Assessment Report and Responding to DTSC's Comments**

Comprehensive Site Assessment Report after second phase of field work - will present findings from all phases of field work  
Responding to DTSC comments