

### PROPOSAL

**PROVIDING PROFESSIONAL PRELIMINARY ASSESSMENT / SITE INVESTIGATION (PA/SI) OF BLOCK 259, LOT 3, MIDDLETOWN TOWNSHIP, IMPROVED PROPERTY, OWNED BY: ERIC & DANIELLE OLSEN, ±0.1148 ACRES, PROJECT: ADDITIONS TO BAYSHORE RECREATION AREA, INTEREST: FEE SIMPLE**

TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.  
TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that he/she has carefully examined the full advertisement, specifications, and form of contract for furnishing the specified items and that he/she will execute the contract according to the specifications, terms, and conditions with respect to the following:

1. Cost to conduct a Preliminary Assessment/Site Investigation (PASI) and submit a Preliminary Assessment Report (PAR).

**1. PASI & PAR SUBTOTAL:** \$ \$1,930

- If this box is checked, a single No. 2 Heating Oil UST is known on the property and a Subsurface Evaluation shall be conducted, at the rates listed below (2. A-D).
- In the event a single No. 2 Heating Oil UST is discovered during the PASI that was not previously known, a Subsurface Evaluation shall be conducted, at rates listed below (2. A-D).
- In the event the findings of the PASI indicate additional investigations of AOCs, beyond a single No. 2 Heating Oil UST are warranted, a separate proposal will be required; however, the unit rates provided under, "Follow-up Investigative Services – Unit Rates" on the next page shall be used to complete the additional investigation.

2. Cost to conduct Subsurface Investigation, including a Ground Penetrating Radar (GPR) evaluation of the suspected UST area, as well as the collection and laboratory analysis of four (4) subsurface soil samples.

A. Cost to locate a single No. 2 Heating Oil UST using GPR \$ \$1,623

B. Cost to obtain four (4) soil samples:  
Environmental Technician with Hand Auger \$ \$890

Geoprobe & Operator (Full Day) \$ \$4,235

- C. Laboratory Testing:

Extractable Petroleum Hydrocarbons, Category I  
(4 samples, 10-day turn-around) \$ \$880

Naphthalene & 2-methylnaphthalene  
(1 sample, 10-day turn-around) \$ \$115

D. Cost to include Findings of Subsurface Investigation in PAR \$ \$1,243

**2. (A-D) SUBSURFACE EVALUATION SUBTOTAL:** \$ \$8,986

**TOTAL: 1. PASI/PAR & 2. SUBSURFACE EVALUATION:** \$ \$10,916

**NOTE: Please provide costs for all nine (9) Items above (Items #1 and #2A-D) consistent with Unit Rates starting on following page. Failure to do so will be cause for rejection of Proposal.**

Please provide separate unit pricing and rates for the investigation of Areas of Concern (AOC) beyond a single No. 2 Heating Oil UST. If the findings of the PASI indicate additional investigation of AOC is warranted, a separate proposal will be required; however, these unit rates shall be used to complete the additional investigation.

**Follow-up Investigative Services – Unit Rates**

**1. SOIL INVESTIGATION**

<u>Item</u>	<u>Half Day Rate</u>	<u>Daily Rate</u>
Geoprobe and Operator	\$3,465	\$4,235
Air-Knife (Soft-Drill) and Laborer	\$1,232	\$2,464
Backhoe and Operator	\$2,079	\$2,530
Dump Truck and Operator	\$1,188	\$2,376
Ground Penetrating Radar and Operator	\$1,623	\$3,245
Field Utility Vehicle	\$155	\$309
Field Equipment (i.e. PID, Metal Detector, Gloves, etc.)	\$215	\$215

	<u>Unit Rate</u>	<u>Units</u>
Geoprobe Consumable Supplies	\$19	per foot
55-gallon Drum	\$179	per drum
Drum Characterization Analysis and Transportation	\$2,127	per trip
Drum Disposal	\$635	per drum

**2. GROUNDWATER INVESTIGATION**

<u>Item</u>	<u>Half Day Rate</u>	<u>Daily Rate</u>
Geoprobe and Operator	\$3,465	\$4,235
Air-Knife (Soft-Drill) and Laborer	\$1,232	\$2,464
Drill Rig and Licensed Well Driller (Monitoring Well Installation)	\$3,655	\$4,825
Field Utility Vehicle	\$155	\$309
Field Equipment (i.e. PID, Gloves, Water Level Meter, Water Quality Meter)	\$298	\$298

	<u>Unit Rate</u>	<u>Units</u>
Temporary Well Point	\$865	per point
2" PVC Riser	\$19	per foot
2" PVC Screen	\$25	per foot
4" PVC Riser	\$28	per foot
4" PVC Screen	\$36	per foot
Monitoring Well Flush Mount & Concrete Pad	\$575	per well
Monitoring Well Permit & Form B	\$175	per well
55-gallon Drum	\$179	per drum
Drum Characterization Analysis and Transportation	\$2,127	per trip
Drum Disposal	\$635	per drum

**3. Laboratory Analysis**

<u>Item</u>	<u>10-day TAT</u>	<u>5-day TAT</u>
EPH (Extractable Petroleum Hydrocarbons) Category I	\$68	\$81
EPH (Extractable Petroleum Hydrocarbons) Category II	\$135	\$216
TCL/TAL+30	\$686	\$1,097
TCL-VOA+15(10) including En Core or Terra Core Cost	\$118	\$189
TCL-BNA+15(10)	\$167	\$267
Polychlorinated Biphenyls (PCBs)	\$74	\$118
TCL Pesticides	\$100	\$160
TAL Metals	\$108	\$172
Cyanide	\$97	\$155
Single ICP Metal	\$27	\$43
Naphthalene/2-methylnaphthalene	\$115	\$184
PWTA Sampling (raw & post-treatment analysis)	\$812	\$1,299
Asbestos via Polarized-Light Microscopy (PEM)	\$57	\$92
Asbestos via Transmission Electron Microscopy (TEM)	\$91	\$145

