

April 6, 2016  
Proposal No. 09OAK03-00295

Mr. Robert Porter  
Chief Operating Officer  
San Carlos School District  
1200 Industrial Road, Unit 9  
San Carlos, California 94070

Subject: Proposal for Soil Characterization  
Tierra Linda Middle School  
750 Dartmouth Avenue, San Carlos, California

Dear Mr. Porter:

In accordance with your request, Ninyo & Moore is pleased to provide this proposal to the San Carlos School District (SCSD) to perform soil sampling for soil classification as part of the Tierra Linda Middle School renovation project at 750 Dartmouth Avenue, in San Carlos (site). We understand that the approximate area of field work is 1.5 acres, the excavation depths will vary from 0 to 12 feet below ground surface (bgs) and that up to 10,000 cubic yards will be exported off site.

### **SCOPE OF WORK**

A total of four soil samples will be collected from the 1.5-acre site from varying depths between the surface and 12 feet bgs. The four samples will be collected discretely from four different boring locations at approximate depths of 1, 4, 8 and 12 feet bgs. Prior to soil sample collection, drilling permits will be obtained from the San Mateo County Department of Environmental Health. In addition, the sample locations will be marked, and Underground Service Alert will be contacted for utility clearance. A private utility locator will also be contracted to evaluate potential subsurface utilities on site. If any sample locations are covered with a concrete or asphalt surface, they will be cored prior to sample collection. Borings will be advanced using a hand auger for the initial five feet to help ensure against damage to utilities. The remainder of the borings will be advanced using a direct-push geoprobe rig between five feet bgs and the bottom of the boring. The samples will be collected in glass jars, stored in a cooler with ice, and transported to a California certified analytical laboratory under chain of custody documentation via a courier. All sampling equipment will be decontaminated between borings using either a

steam cleaner or a distilled water/liquinox wash and distilled water rinse. Any soil cuttings resulting from sample collection will be placed in a 55-gallon drum, which will be stored on site pending laboratory analytical results, at which point it will be disposed of by a certified waste removal company.

The soil samples will be analyzed following the Department of Toxic Substances Control (DTSC) 2001 Information Advisory for Clean Imported Fill Material guidelines, which includes the following parameters:

- Title 22 Metals by EPA Method 6010.
- Volatile organic compounds (VOCs) using EPA Method 8260B.
- Total petroleum hydrocarbons (TPH) as gasoline, diesel and motor oil using EPA Method 8015B/8021.
- Semi-volatile organic compounds (SVOCs) using EPA Method 8270C.
- Polychlorinated biphenyls (PCBs) using EPA Method 8082.
- Organochlorine pesticides (OCPs) using EPA Method 8081.
- Asbestos using OSHA Method CARB 435.

Due to the potential for metals reported above Title 22 waste characterization guidelines, a waste extraction test (WET) for solubility analysis will be conducted for no more than two compounds.

Following the completion of field activities and receipt of laboratory analysis, a report will be prepared that will summarize the field activities performed, discuss soil sample analytical results, and identify disposal options for the material in terms of the type of facility where the material can be disposed.

#### **ASSUMPTIONS**

- Site access will be arranged by SCSD.
- Once mobilized to the site for field work, no delays or work stoppages beyond the control of Ninyo & Moore will occur.

- Laboratory turn-around-time will be 5 to 7 business days.
- If additional analyses are requested by the receiving property or facility, a separate agreement may be prepared between SCSD and Ninyo & Moore to cover any additional costs.

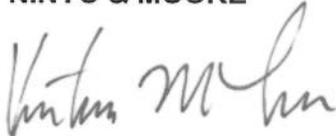
### **FEE ESTIMATE AND SCHEDULE**

The fees for the tasks discussed above include the following:

- Project coordination, utility mark out and USA clearance - **\$1,800**
- Soil sampling - **\$5,900**
- Laboratory analysis - **\$3,570**
- Soil Sampling Report - **\$1,800**

Our environmental services will be provided on a lump-sum basis. Our proposed fee for the scope of services outlined above is **\$13,070 (Thirteen Thousand and Seventy Dollars)**. Ninyo & Moore is prepared to begin our services upon receipt of your authorization to proceed. To acknowledge your acceptance of our proposal, please forward the appropriate notice to proceed.

Sincerely,  
**NINYO & MOORE**



Kris M. Larson, PG 8059  
Principal Environmental Geologist



Duane W. Blamer, PG 6913  
Principal Environmental Geologist

KML/DWB/vmp

Distribution: (1) Addressee (via e-mail)