



# **JONAS & ASSOCIATES INC.**

## **Environmental Consultants**

2815 Mitchell Drive, Suite 209 • Walnut Creek, CA 94598 • Tel: (510) 933-5360 • Fax: (510) 933-5362  
June 5, 1998

Ms. Madhulla Logan  
Alameda County Environmental Health Care Services  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502  
(510) 337-9335

Subject: Submittal of a Letter Workplan for Soil Sampling and Analysis  
Project: Diesel Spill Investigation  
J&A #: MCC-214

Dear Ms. Logan:

Per our meeting on June 3, 1998, Jonas & Associates Inc., on behalf of Mother's Cake & Cookie Company is pleased to submit this brief site investigation work plan for your review and approval.

As part of a preliminary site investigation performed in 1997, two soil samples were collected from borehole B5 (see Figure 1). Diesel (1100 mg/kg) and motor oil (10,000 mg/kg) were detected in the shallow (1-foot below the asphalt) soil sample. The source of the motor oil concentration is unknown. Since the motor oil concentration exceeds 1100 mg/kg, Alameda County Health Care Services has requested addition soil sampling and analysis.

As agreed during our June 3, 1998 meeting, Jonas & Associates Inc., will collect two soil samples around the former B5 borehole. The samples will be spaced approximately 25-feet northeast and northwest of the borehole B5. Sample depths will be approximately 1-foot below the base of the asphalted surface. The samples will be analyzed for total petroleum hydrocarbons as diesel, kerosene and motor oil (EPA Method 8015M).

A hand auger will be used to bore through the asphalt and reach the desired depth. A hand-driven auger with a 6-inch brass sleeve will be used to retrieve the sample. The samples will be labeled and placed in a cooler containing blue ice, and will be delivered for analysis to ChromaLab, Inc., a State of California Certified Analytical Laboratory located in Pleasanton, California.

Sampling equipment will be decontaminated before, after, and between each sampling location. After sample collection, the boreholes will be backfilled with the excavated soil, and the surface asphalted.

Upon receipt of the analytical results, a brief site investigation report will be prepared and submitted to your office for your review and consideration.

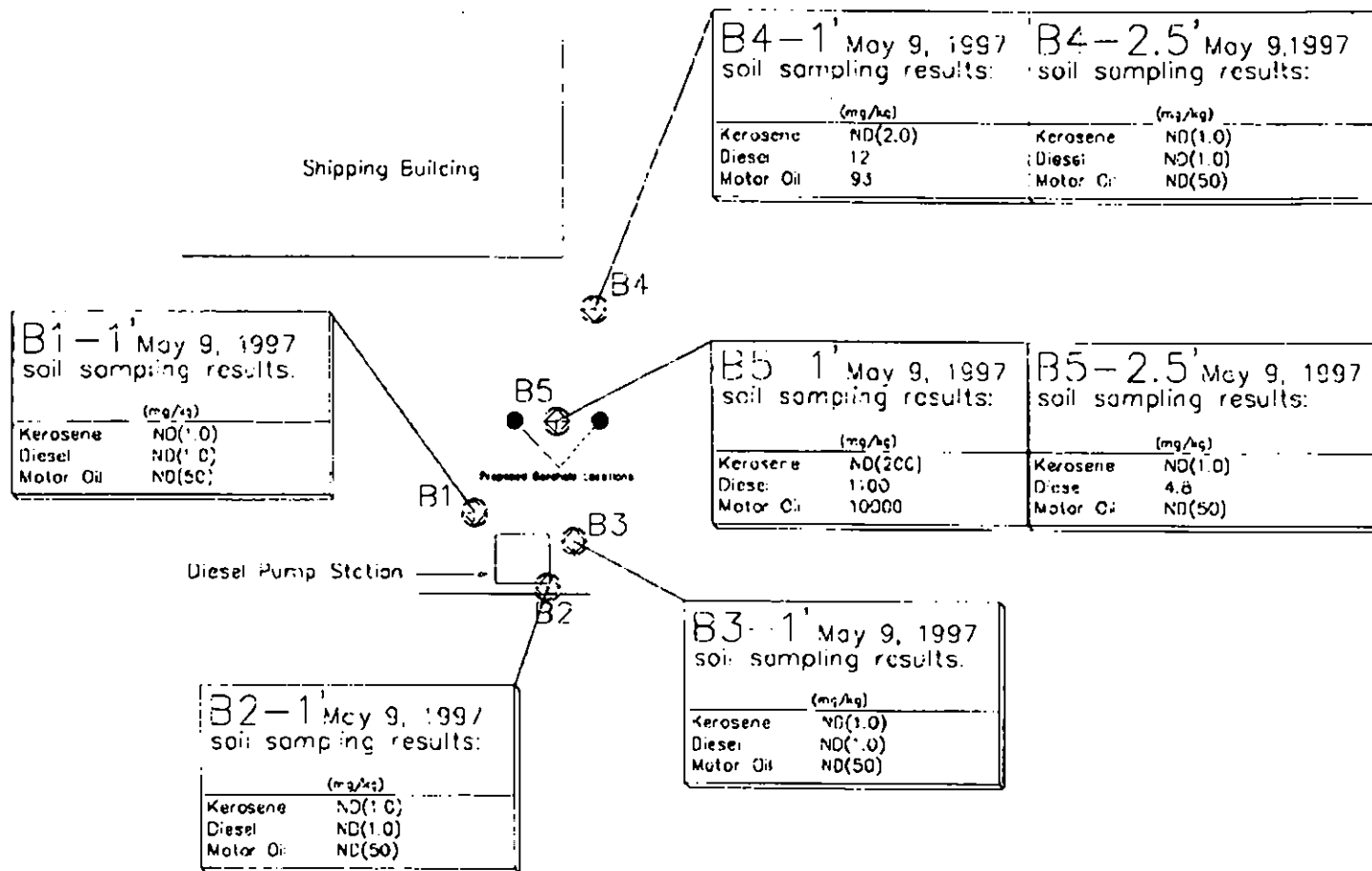
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JRW  
6-3-98

Drawing Number

MCC214-6/98

Figure 1



June - 1998  
Proposed Borehole Locations  
&  
1997 - Analytical Results

Prepared for  
Mother's Cake & Cookie Co.  
810-81st Avenue, Oakland, CA.

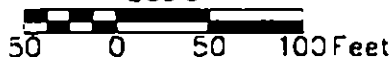
Prepared by  
JONAS & ASSOCIATES INC.

**LEGEND:**

B1

- ⊗ Soil Sample Location
- Proposed Borehole locations

Scale



Date: 6-3-98  
Locations Approx

Figure 1

Drawing Number  
MCC214-6/98-F1

Jonas & Associates Inc.

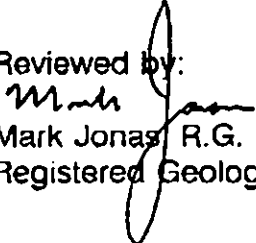
June 5, 1998  
Ms. Madhulla Logan  
Alameda County Environmental Health Care Services

Should you have any question or comment, please contact Mark and/or Romena Jonas at (925) 933-5360.

Sincerely,  
JONAS & ASSOCIATES INC.

  
Romena Jonas  
Principal

Reviewed by:

  
Mark Jonas R.G.  
Registered Geologist #6392