**ALL ENVIRONMENTAL, INC.**

901 Moraga Road, Suite C  
Lafayette, CA 94549-4567  
PHONE: (925) 283-6000  
FAX: (925) 283-6121

**FAX TRANSMITTAL SHEET**

**Date:** May 3, 1999

- Note being advanced to 20' bgs  
(3, 4 and 5 should be to 20' bgs)  
- Where was GW encountered

**To:** Eva Chew  
Alameda County Health  
**Phone:** 510 567-6762  
**Fax:** 510 337-9335

**From:** Peter McIntyre  
**RE:** 5865 Broadway  
**Pages:** 7 (including this cover page)

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**Subject:**

Dear Eva,


Following is the analytical results of our investigation along with a summary table of the results and a draft of the site plan. I would like to briefly discuss this case with you before issuing the final report.

Thank you for your time.

  
Peter McIntyre  
Project Geologist





|   |  |  |
|---|--|--|
|  <b>McCAMPBELL ANALYTICAL INC.</b> | 110 2nd Avenue South, #D7, Pacheco, CA 94553-5560<br>Telephone : 925-798-1620 Fax : 925-798-1622<br><a href="http://www.mccampbell.com">http://www.mccampbell.com</a> E-mail: <a href="mailto:main@mccampbell.com">main@mccampbell.com</a> |  |
|   |  |  |

|  |                                    |                               |
|--|------------------------------------|-------------------------------|
| All Environmental, Inc.<br>901 Moraga Road, Suite C<br>Lafayette, CA 94549 | Client Project ID: #3177; Broadway | Date Sampled: 04/05/99        |
|  |                                    | Date Received: 04/05/99       |
|  | Client Contact: Peter McIntyre     | Date Extracted: 04/14/99      |
|  | Client P.O:                        | Date Analyzed: 04/14-04/15/99 |

**Oxygenated Volatile Organics By GC/MS**

EPA method 8260 modified


| Lab ID                         | 08647          | 08651     | Reporting Limit |       |         |
|--------------------------------|----------------|-----------|-----------------|-------|---------|
|                                | Client ID      | ABI-4 10' |                 |       | ABI-3 W |
| Matrix                         | S              | W         | S               | W     |         |
| Compound                       | Concentration* |           |                 | ug/kg | ug/L    |
| Di-isopropyl Ether (DIPE)      | ND<50          | ND        |                 | 5.0   | 1.0     |
| Ethyl tert-Butyl Ether (ETBE)  | ND<50          | ND        |                 | 5.0   | 1.0     |
| Methyl-tert Butyl Ether (MTBE) | 930            | 72        |                 | 5.0   | 1.0     |
| tert-Amyl Methyl Ether (TAME)  | ND<50          | 11        |                 | 5.0   | 1.0     |
| tert-Butanol                   | ND<250         | ND        |                 | 25    | 5.0     |

**Surrogate Recoveries (%)**

|                      |    |    |  |  |
|----------------------|----|----|--|--|
| Dibromofluoromethane | 95 | 96 |  |  |
| Comments:            |    | i  |  |  |

\* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L  
 ND means not detected above the reporting limit; N/A means surrogate not applicable to this analysis  
 (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than -5 vol. % sediment; (j) sample diluted due to high organic content

DHS Certification No. 1644

 Edward Hamilton, Lab Director

**Table 1:**  
**Soil Sample Analytical Results**  
*April 5, 1999*

| Sample ID | TPH as gasoline mg/kg | TPH as diesel mg/kg | Fuel Oxygenates by EPA 8260 |            |            |            |                 | Benzene mg/kg | Toluene mg/kg | Ethylbenzene mg/kg | Xylenes mg/kg | PAHs mg/kg |
|-----------|-----------------------|---------------------|-----------------------------|------------|------------|------------|-----------------|---------------|---------------|--------------------|---------------|------------|
|           |                       |                     | DIPE µg/kg                  | ETBE µg/kg | MTBE µg/kg | TAME µg/kg | t-Butanol µg/kg |               |               |                    |               |            |
| AEI-1 3'  | <1.0                  | <1.0                | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| AEI-2 3'  | <1.0                  | <1.0                | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| AEI-3 5'  | <1.0                  | <1.0                | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| AEI-3 10' | <1.0                  | <1.0                | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| AEI-4 10' | 19                    | 9.2                 | <50                         | <50        | 930        | <50        | <250            | 0.18          | 0.076         | 0.15               | 0.45          | <0.33      |
| AEI-4 15' | <1.0                  | <1.0                | -                           | -          | 130        | -          | -               | <0.005        | 0.011         | <0.005             | 0.007         | -          |
| AEI-5 5'  | <1.0                  | 6.8                 | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| AEI-5 9'  | <1.0                  | <1.0                | -                           | -          | <50        | -          | -               | <0.005        | <0.005        | <0.005             | <0.005        | -          |
| MDL       | 1.0                   | 1.0                 | 50                          | 50         | 50         | 50         | 250             | 0.005         | 0.005         | 0.005              | 0.005         | 0.33       |

MDL = Method Detection Limit

ND = Not detected above the Method Detection Limit (unless otherwise noted)

ug/kg = micrograms per kilogram (ppb)

mg/kg = milligrams per kilogram (ppm)

- Not Analyzed

\* - All Polynuclear Aromatic Hydrocarbons (PAH) by EPA method 8270 were not detected above the MDL

**Table 2:**  
**Groundwater Sample Analytical Results**  
*April 5, 1999*

| Sample ID | TPH<br>as gasoline<br>µg/L | Fuel Oxygenates by EPA 8260 |              |              |              |                   | Benzene<br>µg/L | Toluene<br>µg/L | Ethylbenzene<br>µg/L | Xylenes<br>µg/L | VOCs*<br>µg/L |
|-----------|----------------------------|-----------------------------|--------------|--------------|--------------|-------------------|-----------------|-----------------|----------------------|-----------------|---------------|
|           |                            | DIPB<br>µg/L                | ETBE<br>µg/L | MIBE<br>µg/L | TAME<br>µg/L | n-Butanol<br>µg/L |                 |                 |                      |                 |               |
| AEI-3 W   | <50                        | <1.0                        | <1.0         | 72           | 11           | <5.0              | <0.5            | <0.5            | <0.5                 | <0.5            | <1.0          |
| MDL       | 50                         | 1.0                         | 1.0          | 1.0          | 1.0          | 5.0               | 0.5             | 0.5             | 0.5                  | 0.5             | 1.0           |

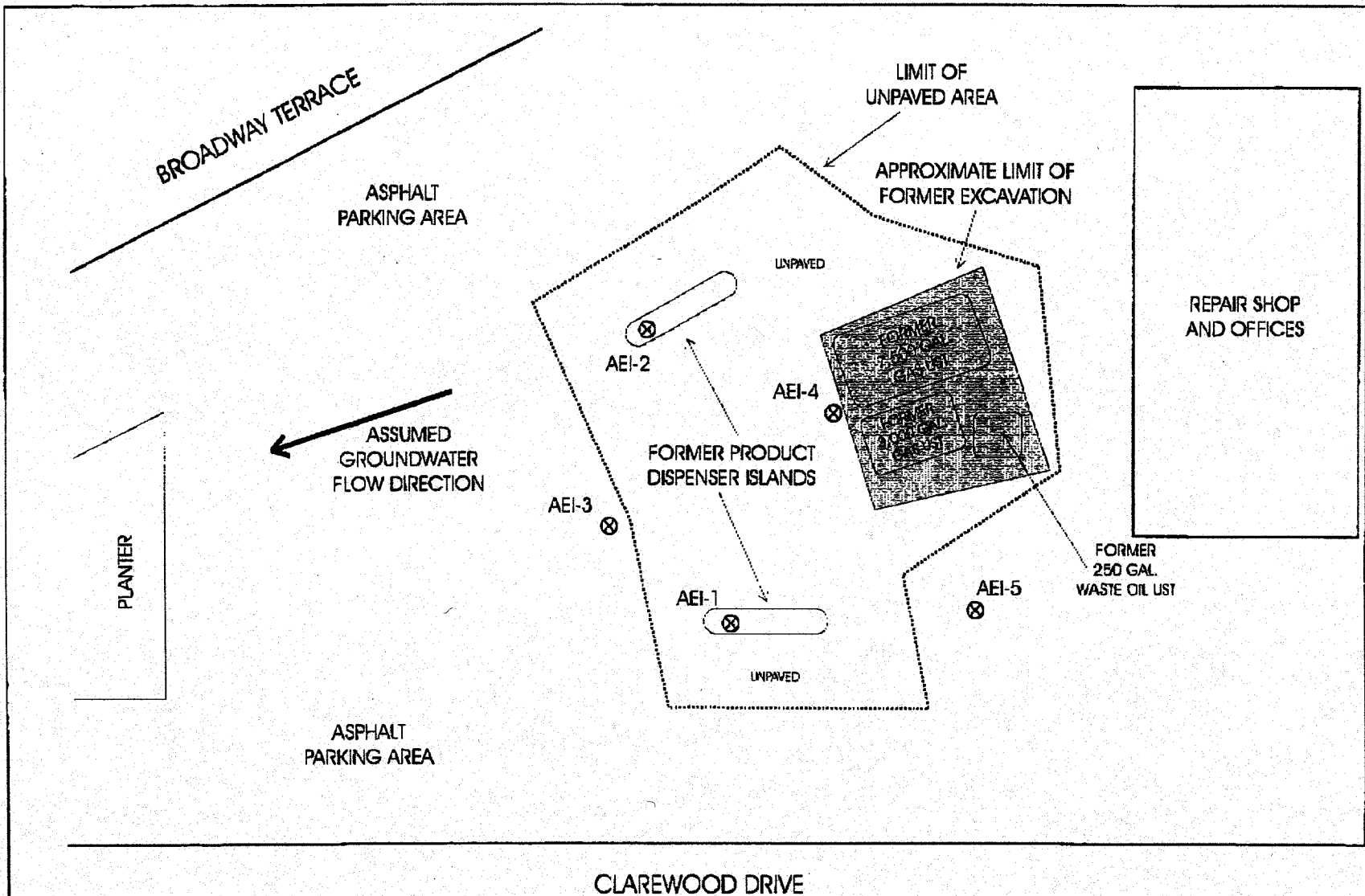
MDL = Method Detection Limit

ND = Not detected above the Method Detection Limit (unless otherwise noted)

µg/L = micrograms per liter (ppb)

mg/L = milligrams per liter (ppm)

\* - All Volatile Organic Compounds (VOC) analyzed by EPA method 8260 were not detected above the MDL



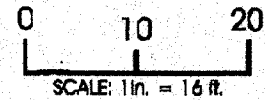
**ALL ENVIRONMENTAL, INC.**  
 901 MORAGA ROAD, SUITE C, LAFAYETTE, CA

**SITE PLAN**

5865 BROADWAY TERRACE  
 OAKLAND, CALIFORNIA

FIGURE 2

⊗ SOIL BORING LOCATIONS  
 AND IDENTIFICATION  
 AEI-1



TOTAL P. 07