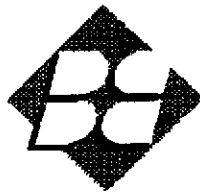


*Response to 6/17/99*

## FACSIMILE MEMORANDUM SHEET

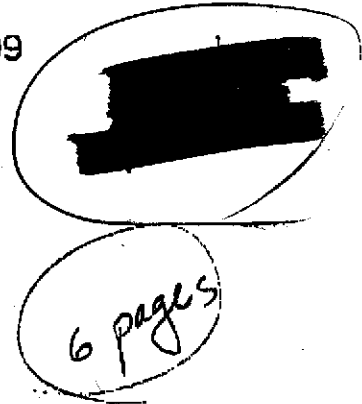


**BLYMYER**  
ENGINEERS, INC.

Date: June 14, 1999

Job No.: 94015

Fax No.: 337-9335



**TO:** Amir Gholami  
Alameda Co. Health Care Services

**Subject:** Kawahara Nursery, San Lorenzo

Amir-

Thank you for the faxed copy of your letter. ~~The soil bore locations submitted in our report dated 4/13/99 were situated to fulfil the requirements of the ACHHS letter from Amy Leach dated 6/6/97 (copy attached).~~ Before I respond to your letter formally, I need to clarify a few things regarding the site:

1) There is only one KNOWN former UST location (near MW-1). The diesel UST was removed and stored above ground next to the barn. The UST is no longer stored there, ~~see map accordingly.~~

2) ~~Soil samples were collected in the vicinity of the known UST location (see MW-1 bore and in SR-1). The attached table showing soil concentrations indicates that the soil in the vicinity of the UST did not contain significant contamination. Furthermore there has been no impact to groundwater in monitoring well MW-1.~~

2) The magnetic anomalies found represent ~~anomalies located (west and north of the lath house). Soil bores PSB-4 and PSB-5 are on the downgradient perimeter of one anomaly (based on the Figure 4 map scale, approx. 5 feet away).~~ An underground utility is immediately south of the suspected UST, and the east side of it is underneath the lath house (would require removing the structure to drill there). We believe that the downgradient perimeter locations proposed would provide adequate information regarding soil and groundwater concentrations resulting from a leaking UST at the location of the anomaly.

3) ~~PSB-4 and PSB-5~~ are proposed approximately 3-4 feet from the magnetic anomaly north of the lath house (in ~~upgradient and downgradient locations, respectively-~~ see Figure 4).

4) [REDACTED] We believe, however, that the decrease in concentrations in the well are due to natural attenuation rather than the scenario you proposed in your letter.

A copy of your letter will be submitted to the UST Cleanup Fund as justification for additional expenditures, because costs for our proposed scope of work had already been pre-approved by the fund. Additional pre-approval will not be sought because it will further delay the project.

Our pre-approved costs currently include two additional rounds of groundwater sampling.

Please review the attached document and maps, and call me to discuss. As soon as we have agreed in principle on the scope of work, I will submit a formal letter (by June 21, 1999, as you requested).

Thank you.

Jeanna Hudson 510-521-3773

P.S. Note that Blymyer Engineers' address is Clement Avenue (not Clairmont).

Total number of pages (including this memo) 6 Originals to be mailed

Carbon Copy: \_\_\_\_\_

If this transmission has not arrived as described or is not in readable condition, please contact Blymyer Engineers, Inc. and we will re-transmit.

(510) 521-3773 1829 Clement Avenue, Alameda, CA 94501-1395 Fax  
(510) 865-2594

rev. 10/4/93

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

StId 4403/lop  
June 6, 1997Mr. and Mrs. Kawahara  
Kawahara Nursery  
16550 Ashland Ave  
San Lorenzo CA 94580ENVIRONMENTAL HEALTH SERVICES  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9395 (FAX)

Subject: Investigations at Kawahara Nursery located at 16550 Ashland Ave., San Lorenzo CA

Dear Mr. and Mrs. Kawahara:

This office has completed a review of Blymyer Engineers' *Workplan for Additional Site Characterization and Site Risk Classification*, dated June 3, 1997, concerning the subject. This workplan proposes to investigate soil and groundwater conditions in the vicinity of monitoring well MW-3 and in the location of a former gasoline underground storage tank via a geophysical survey and GeoProbe® investigation; complete groundwater monitoring and sampling for monitoring wells MW-3 through MW-5; complete an evaluation of risk; and destroy monitoring wells MW-1 and MW-2. This workplan is acceptable to this office with the following comments/additions:

1. Soil and groundwater samples should be collected downgradient of monitoring well MW-3 adjacent to the residential home. This data can be used when evaluating residential exposure scenarios for risk.
2. The minimum analyses for the background soil sample should include fraction of organic carbon (foc), soil bulk density, soil moisture content, and soil porosity.
3. Per my conversation with Laurie Buckman on June 6, 1997, in addition to soil samples, "grab" groundwater samples will also be collected from all GeoProbe® borings.
4. It would be acceptable to this office if monitoring wells MW-1 and MW-2 were decommissioned now or in the future after this site qualifies for site closure. In any event, this office concurs that groundwater samples will no longer need to be collected from MW-1 and MW-2.
5. Subsequent to the completion of the investigation, please contact [REDACTED]

If you have any questions or comments, please contact me at (510)567-6755.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Attn: Laurie Buckman, Blymyer Engineers, Inc., 1829 Clement Ave., Alameda CA 94501-1395

Cheryl Gordon, SWRCB  
ALL- File

**Table 1. Summary of Soil Sample Analytical Results**  
**BEL Job No. 94015, Kawahara Nursery, Inc.**  
**16550 Ashland Avenue, San Lorenzo, California**

Sample ID	Collection Date	Modified EPA Method 8015 (µg/kg)		EPA Method 8020 (µg/kg)			
		TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1 5'	6/10/93	<1	<1	<5	<5	<5	<5
MW-1 16'	6/10/93	<1	<1	<5	<5	<5	<5
MW-2 2.5'	6/10/93	<1	1.9	<5	<5	<5	<5
MW-2 11.5'	6/10/93	<1	<1	<5	<5	<5	<5
MW-3 6'	6/10/93	<1	<1	<5	<5	<5	<5
MW-3 15'	6/10/93	<1	<1	200	980	680	4,000
MW-4 12'	10/31/94	1	<1	<2.5	<2.5	<2.5	<2.5
MW-4 17'	10/31/94	<1	<1	<2.5	<2.5	<2.5	<2.5
MW-5 12.5'	10/31/94	<1	<1	<2.5	<2.5	<2.5	<2.5
MW-5 17'	10/31/94	<1	<1	<2.5	11	<2.5	27
SB-1 7.5'	10/31/94	<1	<1	<2.5	<2.5	<2.5	<2.5
SB-1 17'	10/31/94		4.1	<2.5	<2.5	<2.5	<2.5

Notes:

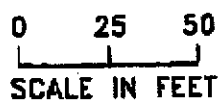
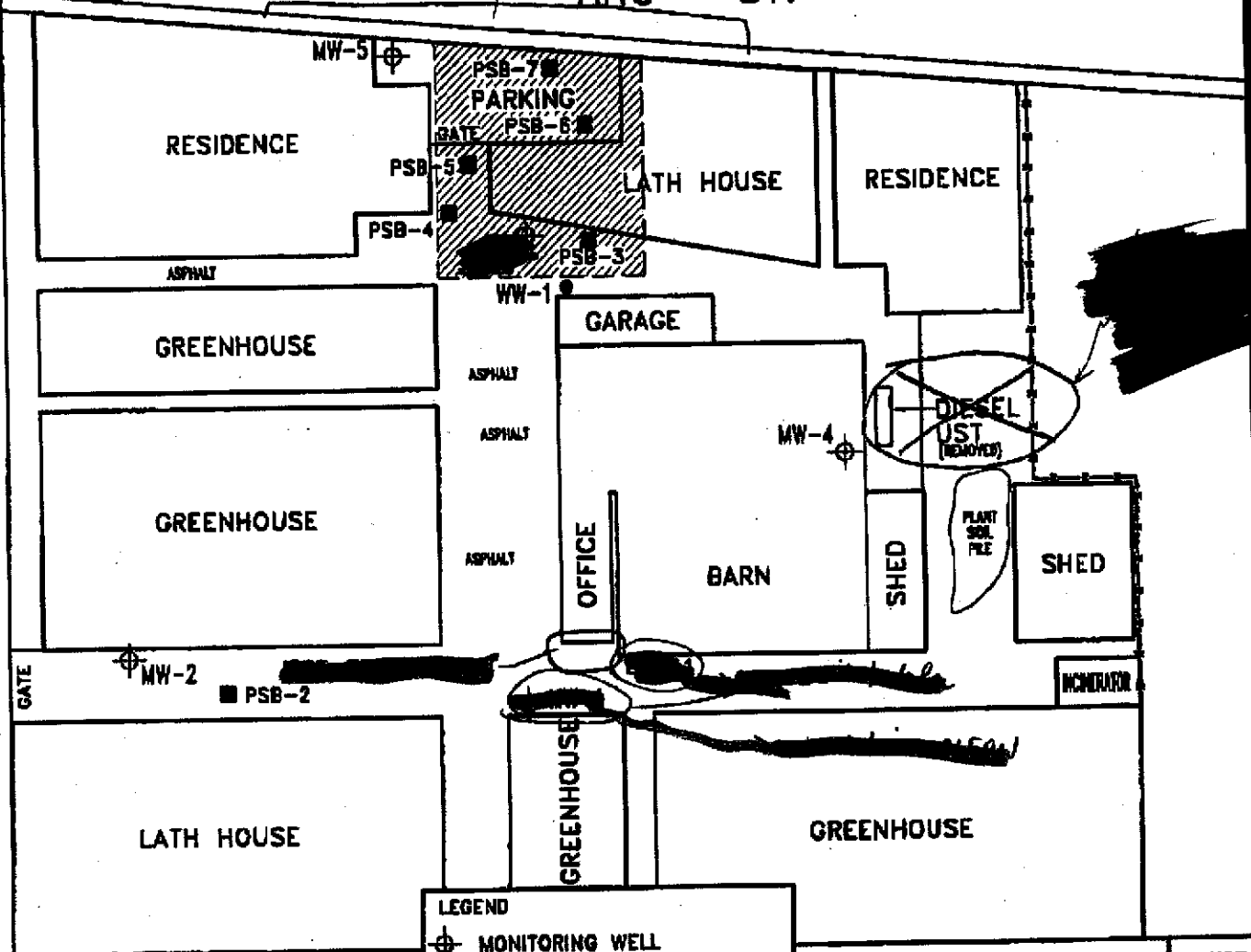
- TPH = total petroleum hydrocarbons
- EPA = Environmental Protection Agency
- <x = not detected above the analytical method reporting limit of x
- mg/kg = milligrams per kilogram
- µg/kg = micrograms per kilogram

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ASHLAND AVENUE

ANO ST.



**BLYMYER ENGINEERS, INC.**

BEI JOB NO. 94015	DATE 4-9-99
----------------------	----------------

**LEGEND**

- ⊕ MONITORING WELL
- WATER WELL
- UST UNDERGROUND STORAGE TANK
- SOIL BORE
- PROPOSED SOIL BORE
- ▨ APPROXIMATE AREA OF GEOPHYSICAL SURVEY

**SITE PLAN**  
**KAWAHARA NURSERY**  
**SAN LORENZO, CA**

FIGURE  
**2**

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gas main

ANO ST.

SIDEWALK

MW-5

PAD

RESIDENCE

LATH HOUSE

*(crosshead structure)*

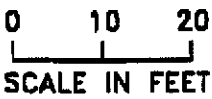
PSB-3

PSB-9

PSB-8

**LEGEND**

- MONITORING WELL
- PROPOSED STRUCTURE
- UNDERGROUND UTILITY
- FENCE
- MAGNETIC ANOMALY



**BLYMYER ENGINEERS, INC.**

BEI JOB NO. 94015	DATE 4-12-99
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**PROPOSED SOIL BORE LOCATIONS**  
KAWAHARA NURSERY  
SAN LORENZO, CA