

March 17, 2004

Mr. Barney Chan  
 Alameda County Health Care Services Agency  
 Department of Environmental Health  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, California 94502

Alameda County  
 MAR 24 2004  
 Environmental Health

Re: **Well Installation Work Plan Addendum**  
 1137-1167 65<sup>th</sup> Street  
 Oakland, California  
 Cambria Project # 522-1000  
 Case No. RO0000082



Mr. Chan:

On behalf of John Nady, Cambria Environmental Technology, Inc. (Cambria) has prepared this *Well Installation Work Plan Addendum* (Addendum) for the above referenced site. This Addendum is based on a March 10, 2004 email and March 11, 2004 telephone discussions with the Alameda County Health Care Services Agency (ACHCSA) regarding Cambria's *Interim Investigation Data Report* (Interim Report) dated February 24, 2004. As requested by the ACHCSA, this Addendum proposes two additional wells in the Zone A water-bearing zone.

## GROUNDWATER MONITORING WELL INSTALLATION

The Interim Report proposes installation of the following wells in the A, B, and C water-bearing zones: MW-1A through MW-6A; MW-1B and MW-6B; and MW-1C, MW-4C, and MW-6C. The additional scope of work to be performed by Cambria will include the drilling and installation of the following two monitoring wells screened across the Zone A water-bearing zone (see Figure 1):

- Monitoring well MW-7A will be in the vicinity of previous boring SB-22.
- Monitoring well MW-8A will be in the vicinity of previous boring SB-21, and drilled using a hand auger to install a pre-packed well.

As we discussed during our March 11, 2004 telephone discussion, Cambria is not proposing a well in the vicinity of the former inner tanks 5 and 6 due to tank 5 having been filled in place and no shallow groundwater encountered in previous borings in the vicinity (SB-3 and SB-9).

This work will follow the same procedures as the work described in Cambria's *Investigation Workplan* (Workplan) dated August 26, 2003, and will be performed at the same time. See the Workplan for the proposed scope of work and schedule.

Cambria  
 Environmental  
 Technology, Inc.

5900 Hollis Street  
 Suite A  
 Emeryville, CA 94608  
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C A M B R I A

Well Installation Workplan Addendum  
1137-1167 65<sup>th</sup> Street  
Oakland, California  
March 17, 2004

**CLOSING**

If you have any questions, please call Jason Olson at (510) 420-3338.

Sincerely,  
**Cambria Environmental Technology, Inc.**

  
Jason Olson, E.I.T.  
Project Manager



Bob Clark-Riddell, P.E.  
Principal Engineer



**ATTACHMENTS**

Figure 1 – Proposed Monitoring Well Locations Map  
March 10, 2004 Email Correspondence

cc: Mr. Frederic Schrag, 6701 Shellmound Street, Emeryville, California 94608  
Edward P. Sangster, Kirkpatrick & Lockhart, 4 Embarcadero Center, 10th Floor, San Francisco, CA 94111

**Olson, Jason**

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**From:** Chan, Barney, Env. Health [barney.chan@acgov.org]  
**Sent:** Wednesday, March 10, 2004 3:33 PM  
**To:** Jason Olson (E-mail)  
**Subject:** Nady site, 1137-1167 65th St., Oakland, RO82



ATT00002.ht  
ml

Jason: I reviewed your Interim Investigation report. I've got a couple of questions/comments

- \* Is there possible source near SB-21 and the floor drain? GW concentrations were high. Would it be possible to add a well near SB-21 or near the STEP boring just sw of SB-21?
- \* Is it possible/reasonable to have a mw near the inner tanks 5&6 since we know there is high residual soil contamination left in place.
- \* Could the location of proposed well MW3 be moved west, near SB-8 which exhibited very high soil and gw concentrations?

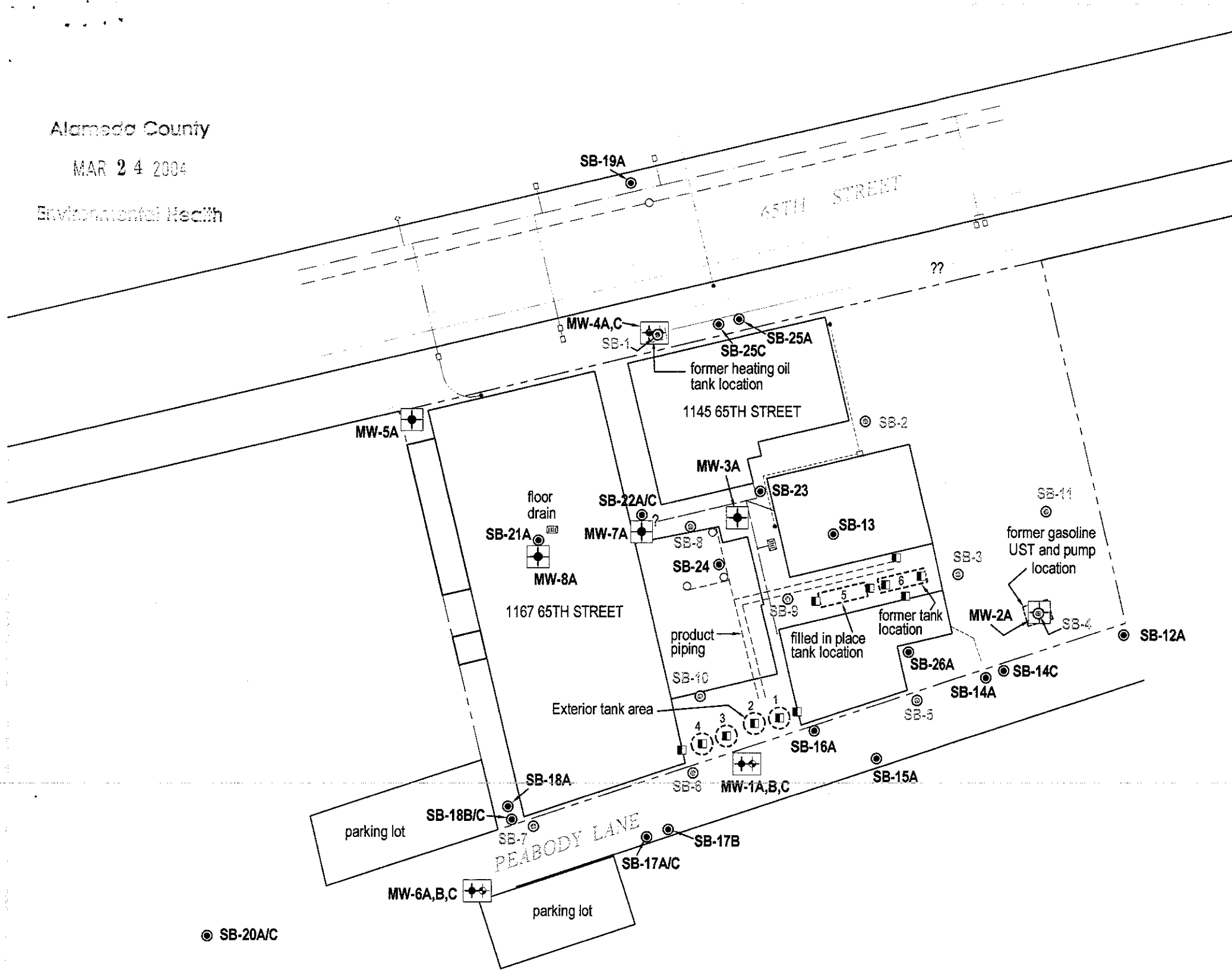
Sincerely,

Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Environmental Health  
510-567-6765

Alameda County

MAR 24 2004

Environmental Health



EXPLANATION	
MW-1A	Proposed monitoring well
MW-1A,B,C	Proposed monitoring well cluster
SB-12	Soil boring location
SB-1	Cambria soil boring/temporary well location
	SCI soil sample location
1	Former tank location and tank nomenclature
- - - - -	Product piping
o	Product piping stub-ups
- - - - -	Electrical line
- - - - -	Storm drain
- - - - -	Sanitary sewer line
- - - - -	Water line
- - - - -	Gas line
- - - - -	Communications line

Proposed Monitoring Well Location Map



C A M B R I A

● SB-20A/C

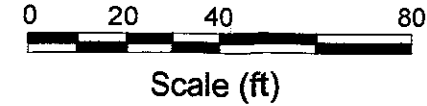
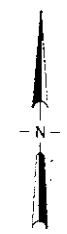


FIGURE 1