

# BASELINE

## ENVIRONMENTAL CONSULTING

14 October 2005  
Y0323-02.00257

**RECEIVED**

**OCTOBER 17, 2005**

**ALAMEDA COUNTY  
ENVIRONMENTAL HEALTH**

Mr. Barney Chan, Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Subject: Workplan Addendum, Toxics Case RO0002586, 751-785 Seventh Street, Oakland, CA 94607, Former Francis Plating**

Dear Barney:

We are in receipt of your letter dated 7 October 2005 commenting on the Workplan that we submitted on 14 September 2005 on behalf of the Brush Street Group. This letter provides details on the additional work that will be undertaken, on behalf of the Brush Street Group, in accordance with your requests. Below is a description of the additional sampling to be conducted in addition to the work proposed in our 14 September 2005 Workplan; the attached Figure 1 shows additional sampling locations for soil and groundwater.

- One additional boring will be installed in the location between two trailers, formerly located at the site (location "SED"). This boring will be identified as "B-FP17" (Figure 1). Two soil samples will be collected from this boring at one and three to four feet below ground surface, similar to the sample depths proposed for the borings proposed in the 14 September 2005 Workplan.
- Samples from the nine borings (plus the additional new boring) will be analyzed discretely as opposed to composited. All the discrete samples will be analyzed for Title 22 metals and hexavalent chromium.
- The deeper of the soil samples will be analyzed for volatile organic compounds ("VOCs") if the shallow soil samples indicate the presence of VOCs in concentrations above indoor Air Environmental Screening Levels ("ESLs").
- Surface soil samples in non-paved areas will be analyzed for VOCs, if staining, odors, or PID readings should warrant analyses. As requested, these samples will be retained in the laboratory, should additional discrete analyses be required.


# BASELINE

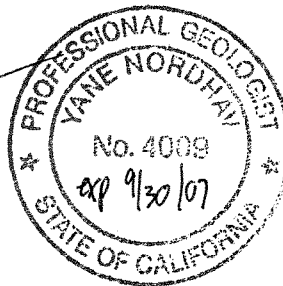
Mr. Barney Chan  
14 October 2005  
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- Soil samples containing total concentrations of metals ten times greater than the Soluble Threshold Limit Concentrations will be analyzed for soluble metals using distilled water as the extractant, as opposed to the Waste Extraction Test or the Toxic Characteristic Leaching Procedure, proposed in the 14 September 2005 Workplan.
- Additional grab groundwater samples will be collected near former source areas. The additional grab groundwater samples will be collected by advancing proposed boreholes to about five feet below the identified groundwater surface; a temporary, pre-packed, one-inch PVC well casing will be installed to facilitate groundwater sample collection. The additional groundwater samples will be collected from six locations on-site, as listed in the table below. The samples will be analyzed for VOCs. The samples will be handled in a manner similar to that described in the 14 September 2005 Workplan.

We believe that this Addendum addresses your comments contained in your 7 October 2005 letter. We will implement the proposed work scope upon your acceptance of this Addendum. Should you have any questions, please do not hesitate to contact us at your convenience.

Sincerely,

  
Yane Nordhav  
Principal  
Professional Geologist No. 4009



YN:cr  
Attachments

cc: Tom McCoy, The Brush Street Group

Table 1: Proposed Additional Grab Groundwater Sample Locations  
751-785 Seventh Street, Oakland

Source Area	Previous Sampling Location	Proposed Sampling Location
Depressed vault inside plating building	Inside: None Downgradient: None	Inside: B-FP9 Downgradient: B-FP16
Former drum storage area (Rear Yard)	Inside: None Downgradient: B-FP5	Inside: B-FP10 Downgradient: None
Drainage swale (Rear Yard)	Inside: None Downgradient: B-FP5	Inside: B-FP11 Downgradient: None
Former marine transport containers and a nickel sulfate tank (Rear Yard)	Inside: B-FP5 Downgradient: None (off-site)	Inside: None Downgradient: None (off-site)
Electroless nickel containment (Front Yard)	Inside: None Downgradient: B-FP3	Inside: B-FP13 Downgradient: None
“Frog Pond” (Front Yard)	Inside: None Downgradient: B-FP4	Inside: B-FP15 Downgradient: None
Water Treatment Area (Front Yard)	Inside: B-FP4 Downgradient: None (off-site)	Inside: None Downgradient: None (off-site)
Paint Room (Front Yard)	Inside: None Downgradient: None	Inside: B-FP16 Downgradient: B-FP15

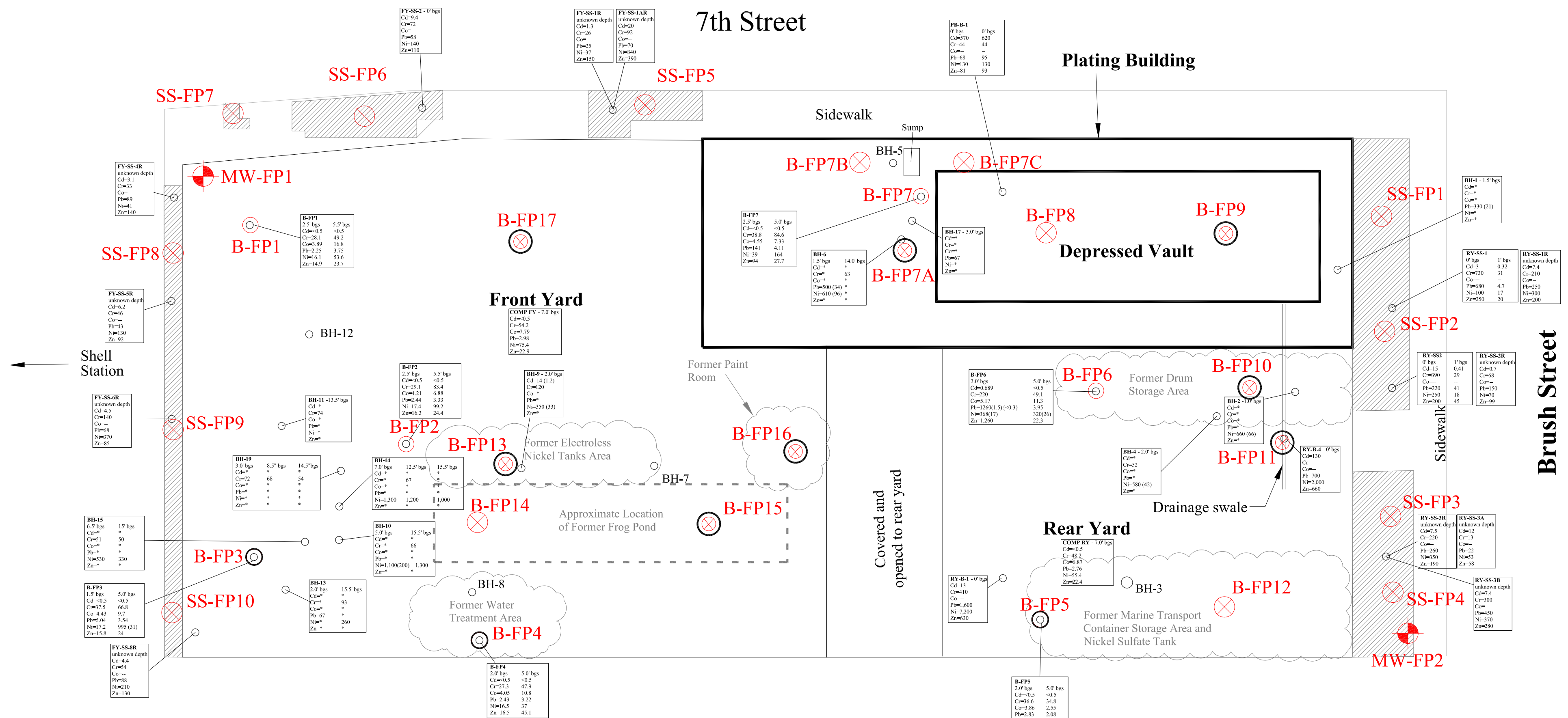
Notes: “Inside” refers to location within the source area.  
“Downgradient” refers to location downgradient of the source area

**ATTACHMENTS**

**Figure (in envelope)  
Perjury Statement**

# PREVIOUS AND PROPOSED SAMPLE LOCATIONS

Figure 1



## Legend

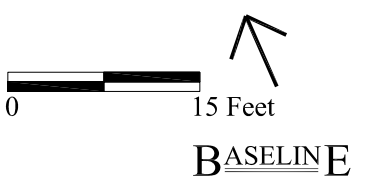
- ⊗ Proposed soil boring
- ⊗ Proposed soil boring with grab groundwater sampling
- Previous soil boring (BASELINE, 2003)
- ⊕ Existing groundwater monitoring well (BASELINE, 2003)
- Previous soil sample location with metal results
- ⊕ Previous grab groundwater sampling location (BASELINE, 2003)
- Exposed soil

## Notes on metal results summarized in text boxes:

Units are mg/kg, unless otherwise indicated.  
 bgs = below ground surface  
 Symbols without a text box indicate metals were analyzed but results were not summarized by Versar.

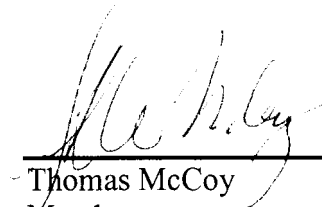
- \* = Concentration not summarized by Versar, Inc.
- = Metal not analyzed.
- {xx} = Soluble WET metal concentration in mg/L.
- {yy} = Soluble TCLP metal concentration in mg/L.

**751 - 785 Seventh Street  
Oakland, California**



**PERJURY STATEMENT**

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report are true and correct to the best of my knowledge.

  
\_\_\_\_\_  
Thomas McCoy  
Member  
Brush Street Group, LLC

10-19-05  
date