

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
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June 27, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
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**DRAFT WORKPLAN, LIMITED SUBSURFACE SOIL INVESTIGATION BENEATH
PHOENIX IRON WORKS BUILDING SLAB, 800 CEDAR STREET, CYPRESS
RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) has received the above draft workplan prepared by Riedel Environmental Services (AKA, Smith Environmental Technologies Corporation) on behalf of Caltrans. The work plan, dated June 23, 1995, contains a proposal for a limited soil and groundwater investigation of the southwest corner of the former Phoenix Iron Works building. Caltrans is proposing to construct a cut-off wall in this area as part of the 7th Street relocation project. DTSC has reviewed the workplan and has the following comments:

1. Page 3, Section 2.1, Sample Locations:
 - a. Include the units of the sample depths proposed.
 - b. Groundwater samples should also be collected from borings 5 as it is located along the proposed cut-off wall.

2. Page 3, Section 2.2, Soil Sample Acquisition and Preservation:
 - a. Paragraph 3: A non-adhesive tape should be used on the sample tubes.
 - b. Paragraph 3: The numbering system that will be used to identify samples should be included.
 - c. Paragraph 4: This paragraph states that PID readings will be noted. State who is responsible for recording the data and where this information will be documented.
 - d. Paragraph 5: Samplers should receive a final rinse with de-ionized water.
 - e. Paragraph 5: To check the precision and accuracy of field data, QA/QC samples should be collected. One equipment blank per field decontamination event should be collected.

3. Page 4, Section 2.3, Ground Water Sample Acquisition and Preservation: Trip blanks should accompany each cooler full of samples.

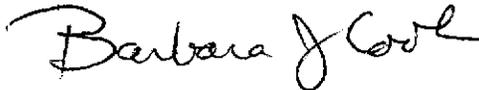


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4. Page 4, Section 2.4, Excess Soil Cores:
- a. The work plan should state where the drums will be stored prior to classification of hazardous or non-hazardous and where they will be stored if Caltrans determines the waste is hazardous.
 - b. The drums need to be labelled while Caltrans is awaiting the laboratory results to determine if the soil is hazardous or non-hazardous. A copy of the drum label should be included with the workplan. If the drums are determined to contain hazardous waste, the drums must be relabeled with hazardous waste labels.
 - c. In the event the soil is determined to be a hazardous waste, Caltrans may only store the drums on-site for 90 days.

If you have any questions regarding these comments, please call Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Joel Howie
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