

**RESPONSE TO COMMENTS
DRAFT FIELD SAMPLING PLAN (September 13, 1999)
NON-TIME-CRITICAL REMOVAL ACTION
AT INSTALLATION RESTORATION SITE 14
FORMER NAVAL STATION LONG BEACH
LONG BEACH, CALIFORNIA**

DCN: FWSD-RAC-00-0078

October 25, 1999

Mr. Nars Ancog, Code 4EN3
SWDIV, Naval Facilities Engineering
1220 Pacific Highway
San Diego, CA 92132

From: Mr. Michael Toy
Foster Wheeler Environmental
611 Anton Blvd., Costa Mesa, CA 92626

Comments: October 07, 1999

Response: October 25, 1999

Comments from SWDIV:

Comment 1. Section 4.8, Field Quality Control Samples. Since one of the analytical methods include VOCs in water, trip blank should be described in this section. Revise accordingly.

Response 1. Comment noted. Include the following in Section 4.8
"Trip Blanks

Trip blanks are hydrochloric acid preserved organic-free water prepared by the laboratory in 40-ml VOA vials that will be carried into the field, stored with the sample, and returned to the laboratory for VOC analysis. Trip blanks will be used to determine if samples have been cross-contaminated with VOCs during sample collection and transportation. Trip blanks will be provided and analyzed for each VOC sampling and shipping event."

Comment 2. Figure A.1, IR Site 14. Some of the street names close to site 14 are not legible. Replace the existing map with a map of better print quality.

Response 2. Map with better print quality enclosed.

**RESPONSE TO COMMENTS
DRAFT QUALITY ASSURANCE PROJECT PLAN (September 10, 1999)
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October 25, 1999

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Comment 1. Table 2, Summary of Data Quality Objectives (DQOs):

a. Step 2, Decisions – The decisions to be made for this project are not well defined in this column, additionally, phrase the decision statements in a form of a question. These decisions should have corresponding decision rules in step 5. Revise accordingly.

Response 1a. Revised Table B.2 (Summary of Data Quality Objectives), Step 2, 3rd bullet with the following:

“Will the in situ electrical heating process effectively remove site contaminants?”

b. Step 5, Decision Rules – Please refer to step 2. Additionally, what are the criteria for determining the effectiveness of contaminant removal? If these criteria have already been adequately addressed in another section of the document, cross-reference that section accordingly.

Response 1b. Revise Table B.2, Step 5, 1st bullet: remove “Decisions will not be ... pilot testing.”

Table B.2, Step 5, 2nd bullet: replace with “If the concentrations of contaminants are reduced by 99 percent of the baseline concentrations or to below RAOs, then full-scale design of the Six-Phase heating will be implemented.”

Table B.2, Step 5, 3rd bullet: replace with “ If the concentrations of contaminants have not been reduced by 99 percent of the baseline concentration or to below RAOs, then an alternative remedial technology will be implemented.

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c. Step 6, Limits on Decision Error – The statement provided in this column is not true and is not acceptable. Specify the limits on decision errors for this project.

Response 1c. Table B.2, Step 6, 1st bullet: Replace with “ Since samples will be collected using judgmental sampling approach, this step is not applicable.”

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TRANSMITTAL/DELIVERABLE RECEIPT

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TO: Contracting Officer
 Naval Facilities Engineering Command
 Southwest Division
 Mr. Richard Lovering, 02R.RL
 1220 Pacific Highway
 San Diego, CA 92132-5190

DATE: 11/01/99
 CTO: 0012
 LOCATION: NAVSTA Long Beach

FROM: Neil Fabian D.P.M. for
 Neil Hart, Program Manager

DESCRIPTION: Response to Comments Draft Field Sampling Plan (9/13/99), Non-Time Critical Removal Action At Installation Restoration Site 14, 11/1/99

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