

RESPONSE TO COMMENTS

**DRAFT GROUNDWATER MONITORING REPORT
THIRD QUARTERLY EVENT 2002
INSTALLATION RESTORATION SITE 14
FORMER NAVAL STATION LONG BEACH
LONG BEACH, CALIFORNIA Dated February 5, 2003**

DCN: FWSD-RAC-03-0689

April 3, 2003

Mr. Edmund Dienzo, RPM
Southwest Division, Naval Facilities Engineering Command
1230 Columbia Street, Suite 1100
San Diego, CA 92101

Comments:

Reviewer: *Soad Hakim (Department of Toxic Substances Control)*

Comment 1. PCE and TCE concentrations are increasing and lactate concentrations are decreasing in the source area. Biomarkers do not show consistent trend. All these indications are not favorable. DTSC will wait until the fourth quarter report data, before evaluating the progress of the monitored natural attenuation remediation.

Comment 2. Appendix B, sample ID 0012-196 analytical results shows laboratory qualifier E (exceeds calibration range of laboratory instrument) for TCE. Please elaborate on the significance of the laboratory qualifier E in the report.

Mr. Abram Eloskof
Foster Wheeler Environmental Corporation
1940 E. Deere Avenue, Suite 200
Santa Ana, CA 92705

Responses

Response 1. Comment noted. The 4th quarter results are currently being reviewed and the initial results show improvement in trends for both target compounds (TCE and PCE) and bioparameters. Upon completion of data review, the draft quarterly monitoring report will be issued to the regulators for review and comment.

Response 2. The laboratory qualifier E identifies a detected concentration above the upper calibration range. The calibration range is defined as the range between the lowest and the highest calibration standard, from which concentrations of unknown samples can be determined. When the laboratory applies an E qualifier to an analyte concentration, the sample is diluted and reanalyzed until each analyte concentration is reported within calibration range. Each analytical run is reported within the laboratory hardcopy report. The third party validator recognizes the laboratory qualifier E as an estimated concentration. Since the sample is diluted and reanalyzed within technical holding times, Foster Wheeler selects the appropriate diluted analytical run and summarizes the data within the groundwater report. Foster Wheeler provides all the laboratory report forms within Appendix B of the groundwater monitoring report.



DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132 - 5190

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Ms. Sue Hakim
Department of Toxic Substances Control
5796 Corporate Way
Cypress, CA 90630

Ms. Ana Veloz-Townsend
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

Dear Ms. Hakim and Ms. Veloz-Townsend:

Enclosed are the responses to your comments on the Draft Groundwater Monitoring Report, Third Quarterly Event 2002, Installation Restoration Site 14 at the Former Long Beach Naval Complex, Long Beach California. Please submit your concurrence, or your comments, by April 18, 2003 to:

COMMANDER
ATTN: Mr. Ed Dienzo, (Code 06CM.ED)
Southwest Division Naval Facilities Engineering Command
BRAC Department
1230 Columbia St, Suite 1100
San Diego, CA 92101

If you have any questions, please contact Mr. Ed Dienzo at (619) 532-0920.

Sincerely,

for/ 
THOMAS L. MACCHIARELLA
BRAC Environmental Coordinator
By direction of the Commander

Encl: (1) Response to Comments, Draft Groundwater Monitoring Report, Third Quarterly Event 2002, Installation Restoration Site 14 at the former Long Beach Naval Complex, Long Beach, California of April 3, 2003

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Copy to:
Mr. Martin Hausladen
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Mr. Tom Johnson
The Port of Long Beach
P.O. Box 570
Long Beach, CA 90801

Mr. Abram Eloskof (w/o)
Foster Wheeler Environmental Corporation
1230 Columbia Street, Suite 500
San Diego, CA 92101

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Writer: E. Dienzo, Code 06CM.ED, 2-0920

Typist: B. Foster, Code 06BU.BF, 2-0914, E:\SITE14_3RD_QTR_RTC.DOC\8 APR 03

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