



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, CA 94105-3901

January 13, 1996

Mr. Bob Moss
Moffett Field RAB Co-Chair
4010 Omer
Palo Alto, CA. 94306

Re: Quarterly Groundwater Monitoring Well Sampling

Dear Mr. Moss,

In previous RAB meetings, you have shown an interest in how a Superfund site determines whether to perform quarterly sampling at specific groundwater monitoring wells. As stated during a previous RAB, the Navy, with concurrence from the regulatory agencies, has scaled back on the number of wells to be sampled due to the fact that many of these wells have as many as eight years of historical data. Following a similar philosophy, but using an algorithm to give them a more sophisticated method of determination, is Lawrence Livermore National Lab (LLNL). Since we missed each other at this past week's RAB meeting, I've enclosed copies of information LLNL has put together to explain this "Cost Effective Sampling" program. Hopefully, this will help provide you with some basis for why it is appropriate to scale back on sampling at groundwater monitoring wells at any site. If you have any questions, please call me at 415-744-2385.

Sincerely,

Michael D. Gill
Remedial Project Manager
Federal Facilities Cleanup Branch

Attachments: 1. LLNL Fact Sheet on Cost Effective Sampling
 2. Cost Effective Sampling of Groundwater Monitoring Wells

cc (w/o attachments): Stephen Chao (Navy)

ATTACHMENT 1

LAWRENCE LIVERMORE NATIONAL LAB FACT SHEET ON COST EFFECTIVE SAMPLING

THIS ATTACHMENT WAS NOT SUBMITTED TO
THE ADMINISTRATIVE RECORD FILE.

QUESTIONS MAY BE DIRECTED TO:

DIANE C. SILVA
RECORDS MANAGEMENT SPECIALIST
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHWEST
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132

TELEPHONE: (619) 532-3676

ATTACHMENT 2

**COST EFFECTIVE SAMPLING OF
GROUNDWATER MONITORING WELLS**

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THE ADMINISTRATIVE RECORD FILE.**

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