

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION  
1111 JACKSON STREET, ROOM 6040  
OAKLAND 94607Phone: Area Code 415  
454-1255

April 18, 1985

File No. 2189.8009(TJB)

Commanding Officer  
Western Division  
Naval Facilities Engineering Command  
P.O. Box 727  
San Bruno, CA 94066

SUBJECT: PROPOSED WORK PLAN FOR MOFFETT FIELD NAVAL AIR STATION,  
SUNNYVALE, SANTA CLARA COUNTY

This letter is written in follow-up to discussions held between Alex Dong, Naval Facilities Engineering Command, Julio Valera, Earth Sciences Associates, Gil Torres, State Water Resources Control Board, and Tom Berkins of my staff, regarding the revised work plan for the stage I Verification and Characterization Study for Moffett Field Naval Air Station.

The revised work plan is acceptable to Regional Board staff provided the following tasks are included as part of the work plan:

1. Water samples collected from monitoring wells installed at sites 1 and 2 should include analysis for total organic carbon (TOC).
2. Water samples from all monitoring wells should be collected using a positive displacement bladder pump.
3. All monitoring wells installed to a depth greater than 50 feet ("B" and "C" aquifer wells) should be geophysically logged by obtaining a spontaneous potential curve, natural gamma log, and point resistivity curve, as well as a 6-foot lateral resistivity curve. In addition, existing monitoring wells MW-12B and MW-20B should be geophysically logged by natural gamma ray.
4. Recent information submitted for the joint investigation ("Mountain View 5") currently being conducted in the area indicates that the "B" aquifer system may extend deeper than the previously assumed 70-90 foot depth. In order to obtain a better understanding of the stratigraphy underlying Moffett Field, we request that pilot holes be drilled to 250 feet at proposed monitoring well location W3-1C and 200 feet at proposed monitoring well locations W4-1B and W10-2B prior to monitoring well installation. This task should be your first priority and the pilot hole installation sequence should be as listed above.

25  
RWQCB/NAVY 9

April 18, 1985

5. In addition to performing the geophysical logging specified in item 3 above, we also request that soil samples be collected from all pilot holes and monitoring wells installed to greater than 50 feet to better understand the physical characteristics of the soil. As a minimum, the soil sampling interval should be: every 5 feet to the 50 foot depth; every 10 feet from 50-150 foot depth; and every 20 feet below the 150 foot depth.
6. Identify private wells, to the extent feasible, in the vicinity of the site(s) with potential to act as conduits for inter-aquifer cross-contamination.

Item 6 above has been included in the work plan in order to gather as much information as possible on potential private wells in the area acting as conduits. Additional information on location, construction, use, and condition, etc. of any private wells identified as part of item 6, as well as a program for addressing closure to respond to any potential conduits, will be required in the next step of the investigation.

With the above modifications to the revised work plan, Regional Board staff believes the proposed scope of work to be an appropriate next step towards defining the extent of pollution on Moffett Field, ultimately leading to cleanup. As you know, we will be presenting Tentative Waste Discharge Requirements regarding the investigation on Moffett Field for consideration at the May 15, 1985 Regional Board meeting. The Tentative Order contains tight time schedules for accomplishing the tasks specified and thus commencing the work outlined in the work plan as soon as possible is critical.

We appreciate your cooperation on this matter. Any questions or comments regarding this letter or the recently distributed Tentative Order please contact Tom Berkins of my staff at (415) 464-1249.

Sincerely,

  
Roger B. James,  
Executive Officer

cc: Commanding Officer, Moffett Field NAS  
Davis Bernstein, EPA  
Lt. Steve Bonezek, Moffett Field NAS  
Cliff Bowen, DOHS/SEB  
Steve Brooks, SCCHD  
Alex Dong, WESTNAVFACENGCOM  
Dan Firth, City of Sunnyvale  
Howard Hatayama, DOHS/TSCD  
Tom Iwamura, SCVWD  
Norm Lougee, City of Mountain View  
Gil Torres, SWRCB  
Julio Valera, Earth Sciences Assoc.