



# California Regional Water Quality Control Board



## Central Valley Region

Robert Schneider, Chair

Winston H. Hickox  
Secretary for  
Environmental  
Protection

### Fresno Branch Office

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Ar. LAVIS  
Governor

10 October 2003

Mr. Michael Bloom  
BRAC Environmental Coordinator  
Department of the Navy, Southwest Division  
Naval Facilities Engineering Command  
1220 Pacific Highway  
San Diego, CA 92132-5190

### 14 AUGUST 2003 *QUARTERLY BASEWIDE GROUNDWATER REPORT, VERIFICATION SAMPLING AND ANALYSIS – SPRING 2003 ELEVENTH QUARTER, NASA CROWS LANDING FLIGHT FACILITY, CROWS LANDING, STANISLAUS COUNTY*

We have reviewed the *Spring 2003 Quarterly Basewide Groundwater Report* for the NASA Crows Landing Flight Facility. Your consultant, Shaw Environmental, Inc., submitted the report. The following presents our single comment regarding the report.

The report indicated that a pumping test was conducted on well 117-EX-03 in March 2003. As a result of that test, the Spring 2003 Quarterly Report indicated that well 117-EX-03 will be used for the continuation of transitional groundwater extraction activities, and that transitional groundwater extraction from wells 117-MW-02(S) and 117-MW-03(MS) would be discontinued. Well 117-EX-03 is near the currently active demonstration project regarding the use of the in-situ saturated oxygen curtain (*iSOC*) system at UST Site 117. Does the Navy have any plans to use 117-EX-03 for transitional groundwater extraction purposes while the *iSOC* demonstration project is in progress? It would appear that pumping the extraction well during the use of the *iSOC* system would interfere with oxygenating the aquifer. As such, **by 31 October 2003**, please indicate your plans regarding using well 117-EX-03 for transitional groundwater extraction purposes.

If you have any questions, please contact Greg Issinghoff at (559) 488-4390.

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Senior Engineer  
RG No. 43140

GJI:gji

see attached sheet for cc list

California Environmental Protection Agency



cc: Ms. Lynn Marie Hornecker, Department of the Navy, Southwest Division  
Naval Facilities Engineering Command  
Mr. Don Chuck, NASA Ames Research Center, Moffett Field  
Ms. Francesca D'Onofrio, California Department of Toxic Substance Control, Sacramento  
Mr. Alan Barry, California Integrated Waste Management Board, Sacramento  
Mr. Mike Sonke, Stanislaus County Hazardous Materials Division, Department of  
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Mr. Richard Jantz, Stanislaus County Chief Executive Office, Modesto

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