



M. Rooney
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Central Valley Region



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Chair

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SUMMARY OF UPCOMING FIELD ACTIVITIES, NAVAL AUXILIARY LANDING FIELD (NALF) CROWS LANDING, STANISLAUS COUNTY.

We have reviewed the Summary of Upcoming Field Activities letter, dated 4 September 1998. The letter report summarizes additional field activities that will be conducted to provide additional characterization of the VOC plume (carbon tetrachloride plume) at IRP Site 17. We have reviewed the selected well locations for the mid-deep and deep aquifer zone monitoring wells.

Based on our review of the Draft Annual Groundwater Monitoring Report (May 1997 through March 1998 sampling events), the proposed placement of monitoring well locations appear appropriate and should be able to provide a better understanding of the vertical and lateral extent of the carbon tetrachloride plume. However, we believe that the monitoring well placement could be optimized by first providing hydropunch (or geoprobe) sampling at the selected locations, allowing collection of discrete VOC samples for each water bearing zone and would confirm that the location is appropriate for a monitoring well. This sampling approach would allow the Navy to determine if discrete contaminant pathways exist within each water bearing zone. The Navy should evaluate and, if possible, include such an approach to investigate the extent of the carbon tetrachloride plume.

If you have any questions in this matter, please call at (916) 255-3050.

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cc: Mr. Ray Leclerc, Department of Toxic Substances Control, Sacramento
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California Environmental Protection Agency