



California Regional Water Quality Control Board

Central Valley Region

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7 April 2003

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REVIEW OF SUMMARY REPORT, TIME-CRITICAL REMOVAL ACTION, ADMINISTRATION AREA PLUME, UST SITE 117, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) CROWS LANDING FLIGHT FACILITY, CROWS LANDING, STANISLAUS COUNTY

We have reviewed the report entitled *Summary Report, Time-Critical Removal Action, National Aeronautics and Space Administration, Administration Area Plume, UST Site 117, NASA Crows Landing Flight Facility, Crows Landing, Stanislaus County* (Report), dated 7 February 2003, prepared by IT Corporation on your behalf. The Report summarizes the Time-Critical Removal Action tasks conducted from August 2001 to December 2001 at the area known as the Administration Area Plume.

We concur with the Report's recommendations as follows:

1. Data collected during the removal action needs to be used to refine the hydrogeologic model of the Administrative Area Plume.
2. Data collected during the removal action needs to be considered during the evaluation of potential remedial alternatives for the Administrative Area Plume.
3. Further investigation needs to be conducted in the mid-shallow interval near the property boundary to verify hydrogeologic conditions and determine the concentrations of contaminants.

The Report further recommends that groundwater extraction from wells 117-MW-02(S) and 117-MW-03(MS) continue as a transitional action for removing contaminant mass from the shallow and

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California Environmental Protection Agency



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mid-shallow intervals until a final remedy is implemented or it is determined to not be cost-effective. However, based on our evaluation of the cost for this removal action, it appears that groundwater extraction from these wells is not a cost-effective remedial solution for this portion of the Administration Area Plume.

If you have any questions, please call Dale Essary of this office at (559) 445-5093 or Greg Issinghoff at (559) 488-4390.



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