

31-MAR 90

JMM's Response to Comments from Orange County Water District

1 and 2.: JMM prepared the work plan with the understanding from Southwest Division, Naval Facilities Engineering Command, that further investigation may be necessary, based on the results of this investigation, to further characterize the groundwater regime and the contamination in the OU-III area if the source is attributable to the base. In addition, the investigations to be conducted within MCAS El Toro will further characterize the hydrogeology and extent of contamination in the area. JMM therefore believes that the number of wells to be installed throughout the three operable units in this phase of investigation is adequate to meet the objectives of the work plan at this time.

3. The location of monitoring well OUIII-8 has been moved approximately 1000 ft. north to provide additional data in this area. Figure 3-4 reflects this change.

4. The locations of monitoring wells OUIII-3 and OUIII-4 have been changed to compliment the locations of existing MCAS wells in the area. Figure 3-4 reflects this change.

5. The word "shallow" has been added to the text.

6. The RI objectives for OU-I and OU-II provide for a complete investigation in shallow and deep groundwater. Development of alternatives for remediation and cleanup, however, will be covered in a feasibility study after the RI work is completed. The deep monitoring wells in the area do not show any contamination with VOCs. Therefore, development of alternatives for cleanup of deeper contamination is not justified.

7. The word "shallow" has been added to the text.

8. Text corrected.

9. Text clarified.

10. JMM agrees that the model would be a useful tool to evaluate the possibility for extracting VOCs from the groundwater.

TITLE: JMM'S RESPONSE TO COMMENTS FROM
OCWD

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CATEGORY: 12 3.3