

**PROPOSAL FOR ADDITIONAL MONITORING WELLS AT FUEL FARM (SITE 5)****Background**

The SAPP (Sampling and Analysis Project Plan; Volume II of Work Plan) proposes to investigate Site 5 with the intention of defining contamination associated with discharge of oil wastes into french drains. Detection of leakage into soil and ground water from the bulk tanks at this site was not included in the SAPP. Tanks and sumps at Site 5 have been investigated by ERM-West (June 1986 and June 1987). Their reports concluded that most of the tanks are too large to be tested for leakage, and recommended monitoring well installation as a means of identifying whether tank leakage is occurring.

**Objective of Investigation**

This proposal for additional investigations at Site 5 will extend the scope of work to comprise leak detection into ground water at the thirteen tanks and two sumps at this site.

**Proposed Scope of Work**

The proposed leak detection system will be accomplished through relocation of four of the already planned monitoring wells and by adding six new monitoring wells. As shown on Figure 1 (attached) this monitoring system will comprise one well per tank or 2-tank group. This will be a Phase I effort.

The monitoring well system planned will have the scope of leak detection only. Should a leakage condition be detected additional monitoring wells would be considered to identify the leakage source and extent. Soil gas surveys to be conducted in Phase I will provide supplementary information in establishing the number or location of any new wells. Because contamination already exists at this site (ESA, April 1986), any monitoring well system might not be effective for indicating other than substantial leakage.

## References

Earth Sciences Associates, April 1986, Confirmation Study (Verification Step) Moffett Field Naval Air Station.

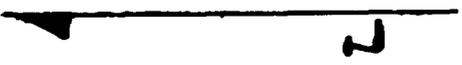
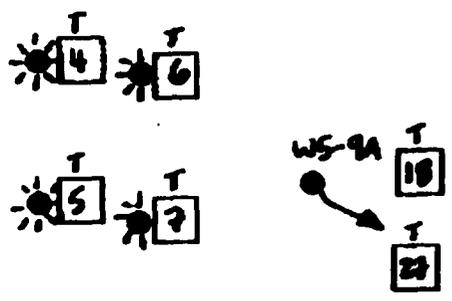
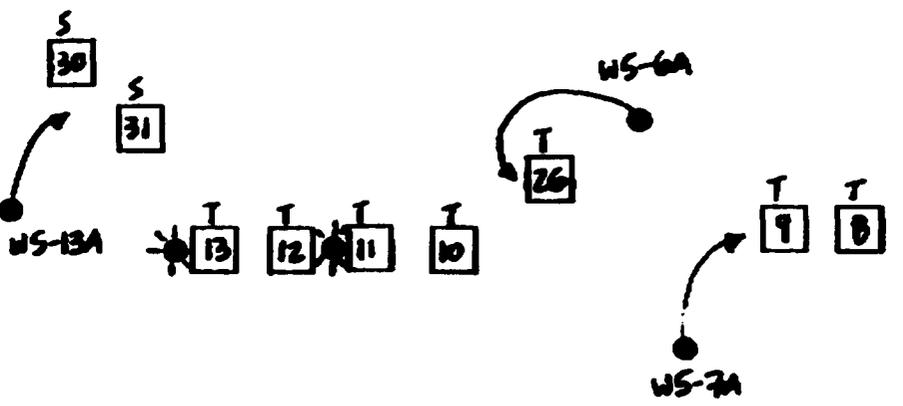
IT Corporation, December 1987, Remedial Investigation Work Plan Naval Air Station Moffett. Volume II, Sampling and Analysis Plan (Preliminary).



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By E. S. P. A. T. Date 2/16/80 Subject \_\_\_\_\_  
Chkd. By \_\_\_\_\_ Date \_\_\_\_\_  
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# BULK TANK PROPOSAL (SITE #5)



## LEGEND

T = TANK  
S = SWAMP

 PROPOSED WELL FROM WORK PLAN;  
TO NOW BE RECORDED

 NEW WELL (NEVER RECORDED  
BEFORE)

