

**RESPONSE TO COMMENTS ON  
NAS MOFFETT FIELD  
DRAFT PRELIMINARY ASSESSMENT/SITE INSPECTION  
FIELD INVESTIGATION WORK PLAN**

**AUGUST 6, 1993**

This report presents point-by-point responses to comments on the "Draft Preliminary Assessment/Site Inspection (PA/SI) Field Investigation Work Plan" prepared June 14, 1993 by PRC Environmental Management, Inc. (PRC) for Naval Air Station (NAS) Moffett Field, California. Ms. Sandy Olliges of the National Aeronautics and Space Administration Ames Research Center (NASA-Ames) submitted comments in a letter dated June 30, 1993. The title of the draft final submittal of this field work plan has been changed from PA/SI to the "Additional Investigations of Inferred Sources" to more accurately reflect the focus of the investigation.

**COMMENTS FROM MS. SANDY OLLIGES, NASA**

**General Comment**

Comment Number 1. Wells referred to in Table 1 should be shown on Plate 1, and the associated contaminant levels should be posted. This would expedite the review of Table 1 and the ability to concur with the recommended actions.

*Response: Plate 1 has been modified to indicate the locations of the groundwater monitoring wells listed on Table 1. Table 1 has been expanded to include the data references cited for each building of interest. These references contain the groundwater sample analytical results. Most of the data cited in Table 1 are from groundwater samples collected during August and September 1992. These data are summarized in tables and maps presented in the "August 1992 Final Quarterly Report, Naval Air Station, Moffett Field, California." (PRC and Montgomery 1993).*

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## Specific Comments

Comment Number 1. Table 1. NASA-Ames has enclosed an expanded Table 1, which lists the areas where NASA-Ames recommends further action. These recommendations are based in part on two historical base maps, copies of which are enclosed. Drawings showing NASA-Ames' recommended sampling locations are enclosed for Building 10, the golf maintenance shop area (Buildings 359, 376, 399, and 406), Building 529, and Building 543. In addition, NASA-Ames has enclosed a drawing showing chemical use and storage locations near Buildings 250 and 251.

### *Response:*

*The buildings, types of chemicals, and comments presented in NASA-Ames' expanded table appear to indicate a scope of concern that is significantly different from that used to develop the additional inferred sources investigation work plan. For example, of the 84 buildings listed on the expanded table, 17 are located on the eastern side of NAS Moffett Field. The additional inferred sources investigation addresses only areas that may affect the regional volatile organic compound (VOC) plume in the groundwater on the western side of the station. As another example, the expanded table includes metals as chemicals of interest for most of the listed buildings. Section 2.0 of the work plan specifically excludes metals from the investigation. The primary purpose of the additional inferred sources investigation is to evaluate potential sources identified by the Middlefield-Ellis-Whisman (MEW) companies and potential impacts to the regional groundwater VOC plume. Because the scope of NASA-Ames' concerns is more closely related to base transfer issues, the Navy recommends that continued discussion of these concerns occur as part of the ongoing base transfer studies and not as part of the specifically focused additional inferred sources investigation.*

Comment Number 2. NASA-Ames believes that further action is indicated at Building 45. Because the reuse of this building is imminent, NASA-Ames is initiating a phase 2 site assessment at Building 45. A figure showing the proposed phase 2 sampling locations is also attached.

*Response:* *The Navy does not concur with the need to further investigate the Building 45 area. In addition to Table 1, detailed comments concerning the Building 45 area were presented in a letter from Lt. Susanne Openshaw of NAS Moffett Field Environmental Division to Ms. Sandy Olliges of NASA-Ames dated May 21, 1993.*

Comment Number 3. Figure 4. Additional existing A1 monitoring wells in the Site 8 area should be included on Figure 4. NASA-Ames has enclosed two figures showing these additional well locations.

*Response:* *Figure 4 indicates only one well (11M04A) of the group of eight closely spaced wells NASA-Ames installed in the northern part of Site 8. The locations of borings SBSI-5 through SBSI-7 were selected based on a photograph indicating the areas of drum storage at Site 8 and did not depend on the locations of the eight NASA-Ames wells. Consequently, well 11M04A was included because samples from this well have indicated the highest local trichloroethene (TCE) concentrations, but the additional seven wells were not added to maintain the clarity of the figure. However, for completeness, the field investigation report summarizing the results of the study will contain maps of the Site 8 area that include all eight NASA-Ames monitoring wells.*

Comment Number 4. Appendix A, Building 144 Site Inspection Map. Additional existing monitoring wells should be shown on the Building 144 site inspection map. NASA-Ames has enclosed a figure showing the locations of these additional wells.

*Response:* *The Building 144 site inspection map has been modified accordingly.*

## REFERENCES

Openshaw, S.C. 1993. "Comments on Preliminary Site Assessment, Building 45." Letter from Lt. Susanne Openshaw, Environmental Division, NAS Moffett Field to Ms. Sandy Olliges, NASA-Ames. May 21.

PRC Environmental Management, Inc. and Montgomery Watson (PRC and Montgomery). 1993. "August 1992 Final Quarterly Report, Naval Air Station, Moffett Field, California." June 9.