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MOFFETT FIELD
SSIC NO.5090.3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, Ca. 94105-3901

July 27, 1992

Stephen Chao
Department of the Navy
Western Division
Naval Facilities Engineering Command
900 Commodore Way, Bldg. 101
San Bruno, CA 94066-0720

Dear Mr. Chao:

The U.S. Environmental Protection Agency has reviewed the following reports for the NAS Moffett Field NPL site: 1) Draft Final Quality Assurance Project Plan, 2) Draft Final Field Sampling Plan, and 3) Draft Final Technical Memorandum: Geology and Hydrogeology. The enclosed comments were prepared for EPA by our representative, SAIC. If you have any questions regarding these comments, please call me at (415) 744-2385. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Roberta Blank".

Roberta Blank
Remedial Project Manager

Enclosures (3)

cc: Cyrus Shabahari, DTSC
Elizabeth Adams, RWQCB
Jim Haas, NASMF

John Rec.

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E/N 49



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July 23, 1992

DCN: TZ4-C09015-EP-M13588

Ms. Roberta Blank (H-9-2)
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Ref: EPA Contract No. 68-W9-0008; Work Assignment No. C09015
SAIC/TSC Project No. 06-0794-03-0630
Draft Final - Quality Assurance Project Plan

Dear Roberta:

SAIC/TSC has completed its technical review of the referenced document. The review was performed by Mamie Brouwer in SAIC's McLean, Virginia office.

Based on a review of the responses provided by James M. Montgomery and Associates, Inc. to EPA's previous comments (April 9, 1992), the Quality Assurance Project Plan is acceptable as presented.

If you have any questions concerning this matter, I can be contacted at (415) 399-0140.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Technology Services Company

A handwritten signature in cursive script that reads "Fred Molloy". The signature is written in black ink and is positioned above the typed name and title.

Fred Molloy
Work Assignment Manager

FM/vr



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July 24, 1992

DCN: TZ4-C09015-RN-M13508

Ms. Roberta Blank (H-9-2)
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Ref: Remedial Investigation/Feasibility Study
Final Field Sampling Plan

Dear Roberta:

SAIC/TSC has completed its technical review of the subject document. The review was based on the responses provided by PRC Environmental Management, Inc. (PRC) in their July 1, 1992, transmittal.

PRC satisfactorily responded to SAIC/TSC's last set of review comments with the exception of Comment No. 1. This comment concerned the inclusion of analytical methods for the analysis of dioxins. Additional, but related, observations (last four bullets) were made during this review also pertaining to the analysis for dioxins.

- Analytical methods for the analysis of dioxins should be included in Tables 5 and 6.
- Tables 4-1 and 4-2 have been mislabeled. The appropriate designations should be Table 2 and Table 3, respectively.
- Note "a" on Tables 4-1 and 4-2 refers the reader to a complete description of analytical methods in Section 6.0, Table 6-1. Section 6.0 discusses downhole geophysical logging and there is no Table 6-1 in this document.
- Analytical methods improperly cited as being in Section 6.0 are actually found in Section 2.1.
- The section on analytical methods (Section 2.1) does not describe the analytical procedure to be used for the detection of dioxins and furans.

While all of the deficiencies listed above may not necessitate delaying approval of the FSP, not addressing them results in an awkward to use and incomplete document.

Ms. Roberta Blank
July 24, 1992
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If you have any questions concerning these comments, please call me at (415) 399-0140.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Technology Services Company

A handwritten signature in cursive script, appearing to read "Fred Molloy".

Fred Molloy
Work Assignment Manager



Science Applications International Corporation

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July 22, 1992

DCN: TZ4-CO9015-RN-M13501

Ms. Roberta Blank (H-9-2)
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Ref: EPA Contract No. 68-W9-0008; Work Assignment No. CO9015
SAIC/TSC Project No. 06-0794-03-0630
Technical Memorandum: Geology and Hydrogeology - Draft Final

Dear Roberta:

SAIC/TSC has completed its technical review of the referenced document. The review was performed by Mary Wesling, SAIC/TSC Geologist. Our review comments are as follows:

- 1) The description of the regional geology was summarized from various current and historical references that have been authored by acknowledged experts in the Quaternary depositional environment in the San Francisco Bay Area. The summary is generally concise and accurate; no discrepancies were noted in the review of Section 2.0, Regional Geology.
- 2) In Section 3.0, Local Hydrogeology, historical and current references were again utilized to characterize the subsurface, and were augmented by analytical and field data from ongoing area and on-site investigations. The references and field data were correlated adequately and the conclusions drawn in Section 4.0 were appropriate and well stated.
- 3) Although Figure 10, titled North Base Area Cross-sections and Cone-Penetrometer Locations, presents a good graphic illustration of a subsurface channel, as described in the Technical Memorandum (TM), a clearer definition of other possible subsurface channels in the study area could be obtained by developing additional cross-sections. Sufficient cone penetrometer data was available at the time that the TM was finalized which could have been utilized to develop a cross-section from CPT-9 northwest through CPT-27, and also from CPT8-19 northeast through CPT-34 (see *North Base Area Hydrogeologic Investigation Draft Report, June 29, 1992*).

Ms. Roberta Blank
July 22, 1992
Page 2



Development of these additional cross-sections is suggested as an enhancement to the interpretation, not as a deficiency.

If you have any questions on the enclosed, please call me at (415) 399-0140.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Technology Services Company

A handwritten signature in cursive script, reading "Fred Molloy", is written over the typed name.

Fred Molloy
Work Assignment Manager

FM/kw

Enclosure

Copy: Mary Wesling