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WRITER: B. Dizon/181380/7510
TYPIST: B. Palmer/5 May 89/Ser 3197S
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09 MAY 1989

From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT NAVAL AIR STATION, ALAMEDA

Encl: (1) Final Quality Assurance/Quality Control Plan
(2) Navy Responses to Department of Health Services Comments on NAS
Alameda Quality Assurance/Quality Control Plan

1. Enclosure (1) is our Final Quality Assurance/Quality Control (QA/QC) Plan for the Remedial Investigation/Feasibility Study at the Naval Air Station (NAS), Alameda. Enclosure (2) is a summary of the Navy Responses to the Department of Health Services (DHS) comments on the QA/QC Plan. These comments have been incorporated in the Final QA/QC Plan.

2. We believe that the Final QA/QC Plan is consistent with the comments provided by DHS as well as applicable federal, state, and local guidance. Also, the Final QA/QC Plan is intended to satisfy the substantive state requirements referenced in Section 3.1.2.3 of the Remedial Action Order (Docket No. HSA 88/80-001).

3. If you feel that the Final QA/QC Plan does not adequately reflect DHS comments or is not consistent with applicable guidelines, please advise us within fifteen days of the date of this letter.

4. Thank you for your guidance and involvement in the QA/QC Plan. Please direct any questions to Commander, Western Division, Naval Facilities Engineering Command (Attn: Ms. Maria G. Dizon, Code 10185), Aptown 001-7510 or Commercial (415) 577-7512).

Original signed by:

RICHARD SERAYDRIAN
By Direction

Distribution:

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ENCLOSURE 1

FINAL
QUALITY ASSURANCE/QUALITY CONTROL PLAN

DATED 01 MAY 1989

IS ENTERED IN THE DATABASE AND FILED AT
ADMINISTRATIVE RECORD NO. N00236.000341

NAVY RESPONSES TO DEPARTMENT OF HEALTH SERVICES COMMENTS
ON THE QUALITY ASSURANCE PROJECT PLAN (QAPP)-
QUALITY ASSURANCE/QUALITY CONTROL PLAN (QA/QC)

REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NAVAL AIR STATION, ALAMEDA
ALAMEDA, CALIFORNIA

Comment 1

2.1 Organization

Analysis of samples, including air samples, should be performed by a DOHS certified or approved laboratory. To the extent that another laboratory conducts the subject analysis under the EPA Contract Laboratory Program, consideration for approval may be requested.

Response

The text has been revised to eliminate the reference to the Clayton Environmental Consultants laboratory in Novi, Michigan. The text now states that analysis of air samples will be performed by DHS certified or approved laboratories.

Comment 2

5.3.3.3 Well Purging and Sampling

- a. Provide efficiency data for the proposed QED model FF 8000 high-capacity field filter. This should include the size of particles it will exclude.
- b. What preservation method will be used for samples collected. If a chemical preservative is used (HNO₃ for example), provide the quality and method of preservation.

Response

- a. According to the manufacturer, the QED model FF 8000 filter has been discontinued and is no longer available. The text has been revised to describe the use of a noncontaminating 0.45-micron filtration apparatus as a replacement for the QED equipment.
- b. Methods and materials for sample preservation are specified within the U.S. EPA sampling and handling section of the analytical methodology. The applicable sample preservation techniques will be followed based upon U.S. EPA recommendations, and these techniques are incorporated by U.S. EPA reference. This is now indicated in the revised text. Because of the wide range of analyses which will be required at NAS Alameda, we believe this is the best way to state this in the QAPP.

Comment 3

Figure 1. RI/FS Project Management Team

DOHS should be notified of changes in project management staff within two (2) weeks of such change, Figure 1 should then be appropriately modified.

Response

The text of Section 2.1, Organization, has been revised to incorporate this comment.

Comment 4

Appendix A, Performance Evaluation Report

The date in which the performance evaluation was conducted should be provided.

Response

The pages of the Performance Evaluation Report which are presented in facsimile in Appendix A have been recopied so that they now show the full date of the evaluation.