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11 JUL 1990

Mr. James H. Scarbrough, P.E.
Chief, RCRA and Federal Facilities Branch
Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, Georgia 30365

GENERIC QAPP FOR CONTAMINATION INVESTIGATIONS AT THE NAVAL AIR
STATION PENSACOLA

Dear Mr. Scarbrough:

This letter is in response to your letter of 6 April 1990, and documenting agreements reached during a meeting with your Environmental Services Division (ESD) on 20 April 1990 in Athens, Georgia. Meeting minutes and a list of attendees are enclosed for your review.

The revised Work Plans for Groups A through G, J, K, M, and N; the Generic Quality Assurance Project Plan (GQAPP); and the General Health and Safety Plan will be forwarded to your office on 20 July 1990.

Point of contact in this matter is Mr. David Criswell, Code 11526, at commercial (803) 743-0612.

Sincerely,

H. J. FRASER, P.E.
ACTING HEAD, REMEDIAL
ACTIVITIES BRANCH

Enclosure
(1) Meeting Minutes
(2) ~~List of Attendees~~

copy to:
NAS Pensacola (Code 18520)
FDER (E. Nuzie)
Ecology and Environment, Inc. (J. Barksdale)

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MINUTES OF ATHENS, GEORGIA MEETING 20 APRIL 1990

PURPOSE: To discuss the unresolved issues regarding the Generic Quality Assurance Project Plan (GQAPP) for the Contamination Investigations at Naval Air Station (NAS) Pensacola, Florida. The agreements reached are addressed below beginning with Item Number 3 identified in your 6 April 1990 letter.

MEETING ATTENDEES

Ms. Nancy Dean	EPA Region IV, Atlanta
Mr. Danny France	EPA Region IV, ESD, Athens
Mr. Jim Gray	EPA Region IV, ESD, Athens
Ms. Sharon Mathews	EPA Region IV, ESD, Athens
Ms. Pat Stamp	EPA Region IV, ESD, Athens
Mr. David Criswell	U.S. Navy, Southern Division NAVFAC, Charleston, SC
Mr. Keith Carnley	NAS Pensacola FL
Mr. Ron Joyner	NAS Pensacola FL
Mr. John Barksdale	Ecology & Environment, Inc. (E & E) Pensacola, FL
Mr. Barry Levine	E & E, Tallahasee, FL

Item #3: A schedule of field activities requested by EPA was provided at the meeting. A modified schedule incorporating your comments will be provided in each of the revised work plans.

Item #5: The location and schedule for the installation of deep monitoring wells was also discussed. The Navy explained that deep, temporary monitoring wells would not be installed during Phase I. Deep wells will be installed during Phase II through Phase IV based on data obtained from previous phases.

Item #9: Environmental Services Division (ESD) stated that they had not reviewed the site-specific work plans and were evaluating the GQUAPP as a site-specific plan rather than the generic document it was intended to be. In response, the Navy stated that while there were no site-specific details regarding air sampling in the work plans, the source areas for particulates will be determined based on the Phase I soil analyses and mini-ram samples. The GQAPP will be modified accordingly.

Item #10: Again, appeared to address site-specific details. The Navy explained that, should Phase I soil sampling results indicate the need for formal air monitoring, the site-specific work plans and GQAPP will be modified. The term "other equivalent monitoring equipment" will be deleted from page 6-2 of the GQAPP. The surface emission survey will not be used to designate "clean" areas. Its purpose is to screen areas of high contamination prior to formal media sampling. The GQAPP will be modified to provide details for a method to determine airborne volatile and/or particulate contaminants.

Item #11: The Navy agreed to meet the EPA criteria for meteorological stations referred to.

Item #12: The Navy agreed to utilize the air sampling methods proposed by EPA and will modify the GQAPP to provide additional air sampling details.

Item #13: The Navy concurs with this comment.

Item #14: The Navy will provide the requested details in the GQAPP.

Item #15: The information requested in this item will be provided in the GQAPP.

Item #16: The Navy concurs with the statements made in this item and will provide a discussion of hi-vol operation and maintenance in the GQAPP.

Item #17: The Navy and EPA agreed that this item concerned site-specific details which cannot be provided at this time. Site-specific air sampling procedures will be provided when the work plans are updated following Phase I.

Item #18: The Navy will include the requested description in the GQAPP.

Item #19: The EPA and the Navy agreed to leave the headspace section in the GQAPP, based on the fact that this method will be supplemented by soil sampling to designate "clean" areas.

Item #20: As requested, the Navy will use teflon tubing and will specify the equilibrium time in the GQAPP.

Item #21: The decontamination procedures for soil gas equipment will be specified in the GQAPP. Teflon tubing for collecting soil gas samples will not be re-used.

Item #22: Additional information concerning air monitoring equipment will be provided in the GQAPP.

Item #23: The first paragraph of Section 6.6.1 of the GQAPP has been modified to read "A sufficient number of containers will be collected for subsequent analytical testing requirements."

Item #24: The only location where a soil gas survey is planned, at this time, is Site #36, the industrial waste sewer. The soil gas sampling methods are described in Section 6.5 of the GQAPP. This section of the GQAPP will be revised to state that the soil gas analysis will be by OVA or by GC for the volatiles listed in Table 9-1 of the GQAPP where appropriate. The soil gas survey for Site #36 will be for screening only; therefore, analysis will be by OVA in the survey mode.

Item #25: The Navy will sandblast all downhole drilling equipment (i.e., drill rods, drill bits, auger flights, etc.) prior to arrival at the facility.

Item #26: The Navy and the EPA agreed that the method for collection of VOAs referred is acceptable.

Item #27: As requested in this item, a copy of the Ecology and Environment, Inc., LABORATORY FIELD PERSONNEL 'CHAIN OF CUSTODY DOCUMENTATION AND QUALITY CONTROL PROCEDURES MANUAL (July 1987), was hand-delivered to EPA at the meeting.