

5090
Ser 09ER3GM/L5095
4 Apr 1995

From: Commanding Officer, Engineering Field Activity West, Naval Facilities
Engineering Command
To: Distribution

Subj: DOCUMENT SUMMARY FOR BASELINE HUMAN HEALTH RISK
ASSESSMENT WORKPLAN, NAVAL AIR STATION (NAS), ALAMEDA,
CALIFORNIA

Encl: (1) Document Summary for draft Baseline Human Health Risk Assessment
Workplan dated April 1995

1. Enclosure (1) is a Document Summary and is submitted for your information. A Document Summary is an abstract of an upcoming report or workplan. The Document Summary is meant to provide the reader with a brief description and highlights of the report or workplan.

2. The draft Baseline Human Health Risk Assessment Workplan will be submitted for a 30-day review to the regulatory agencies in early April 1995. The RAB Co-chair and Focus Group Leaders will also receive a copy of the draft Baseline Human Health Risk Assessment Workplan. This workplan is provided for information and does not require review or comment; however, if after reviewing enclosure (1), you would like a copy of the workplan, please make your request directly to me, by phone (415) 244-2555 or (415) 244-2524 or FAX (415) 244-2561.

3. If you have any questions regarding this matter please give me a call.

Original signed by:

GARY J. MUNEKAWA
Remedial Project Manager
By direction of
the Commanding Officer

Distribution:
Restoration Advisory Board (RAB) Members:
Mr. Saul Bloom
Ms. Ardella Dailey
Mr. Frank Encino, Jr.
Dr. John Healy
Mr. Richard King

DC

1173

Subj: DOCUMENT SUMMARY FOR BASELINE HUMAN HEALTH RISK
ASSESSMENT WORKPLAN, NAVAL AIR STATION (NAS), ALAMEDA,
CALIFORNIA

Mr. Bert Morgan

Mr. John Raphael
Mr. Michael Torrey
Mr. Malcolm Mooney
Mr. Ken O'Donoghue
Mr. Kent Rosenblum
Ms. Lyne Stirewalt

Copies to (w/encl):

NAS Alameda (Attn: LCDR Mike Petouhoff)
NAS Alameda (Attn: Ann Klimek)
NAS Alameda (Attn: Sherri Withrow)
NADEP Alameda (Attn: Paul Pentony)
U.S. Environmental Protection Agency (Attn: James Ricks)
California Department of Toxics Substances Control (Attn: Tom Lanphar)
California Regional Water Quality Control Board (Attn: James Nusrala)
RAB Co-Chair and Focus Group Leaders:
RAB Community Co-Chair (Kathy Teller)
RAB Early Actions Focus Group Leader (Chris Bacina)
RAB Reuse Focus Group Leader (Ronald Basarich)
RAB Natural Resources Focus Group Leader (Roberta Hough)
RAB Organizational Focus Group Leader (Pam McCallum)
RAB Technology Focus Group Leader (William Smith)
RAB Public Education Focus Group Leader (Corinne Stefanick)
PRC Environmental Management, Inc. (Attn: Duane Balch)
Montgomery Watson (Attn: Ken Leung)

Blind copies to:

09ER3, 09ER3GM, 09ER3 file,
Information repository (w/3 copies)
WRITER: G. Munekawa/09ER3GM/2X524
TYPIST: A. Bordallo, X2571
ACT. FILE: NAS Alameda (File: L5095GM.DOC)

BASELINE HUMAN HEALTH RISK ASSESSMENT WORK PLAN DOCUMENT SUMMARY

Document Type: Work Plan

Date: April 1995

Version: Draft

Summary: This document describes how the baseline human health risk assessment for the Naval Air Station (NAS) Alameda will be conducted. The baseline human health risk assessment is part of the remedial investigation being conducted at NAS Alameda. The remedial investigation is designed to describe the nature and extent of contamination, identify sites that need to be cleaned up, and estimate human health and ecological risks.

Based on the characteristics of a site and on sampling data, the human health risk assessment estimates the likelihood for people to be exposed to certain chemicals and the potential health hazards associated with that exposure. A baseline human health risk assessment is one that estimates hazards associated with the current condition of the property -- prior to any environmental cleanup.

The baseline human health risk assessment for NAS Alameda will estimate risk for each site studied by evaluating the concentrations of chemicals present, the ways in which people can be exposed to the chemicals, and the health effects that the chemicals may cause. The baseline human health risk assessment work plan explains how each of these steps will be completed.

The work plan is divided into four major tasks: 1) evaluation of chemical data, 2) identification of possible chemical exposure routes (for example, direct contact with contaminated soil), 3) evaluation of health effects that chemicals can cause, and 4) estimation of health risks present at each site. The risk assessment results will be used to identify which areas, and which contaminants, need to be cleaned up to protect human health.

This work plan was prepared using guidance provided by the California Department of Toxic Substances Control (DTSC) and U.S. Environmental Protection Agency (EPA). The work plan will be reviewed and commented on by the DTSC and EPA. The results of the baseline human health risk assessment will be presented in the remedial investigation report. Baseline human health risk assessments will be completed for each of the four operable units (OU) that are currently defined at NAS Alameda.