

National Aeronautics and
Space Administration
Ames Research Center
Moffett Field, CA 94035-1000

N60211_000298
CROWS LANDING
SSIC NO. 5090.3.A



JUN 08 2001

Reply to Attn of:

QE:218-1

Ms. Marianna Potacka
BRAC Environmental Coordinator
Naval Facilities Engineering Command, Southwest Division
BRAC Operations Office
1220 Pacific Highway
San Diego, CA 92132-5190

Dear Ms. Potacka:

NASA has received the Navy's proposed sampling points for delineating the extent of the Administrative Area of the plume and the release at Cluster 2. These pages have been reviewed and the following comments are provided.

CL1-HP-01: this point is located SE of CL1-MW-04(S). The purpose of the well is to collect a water sample downgradient of CL1-MW-04(S). According to Figure 3 of the Quarterly Basewide Groundwater Monitoring Report, First Quarter – Fall of 2000, the gradient in this area is NE. A NE gradient places the proposed point slightly upgradient of CL1-MW-04(S) rather than downgradient.

117-HP-03: the point is described as downgradient of UST 117. Based on the gradient from the November 2000 water levels in Figure 3, the point is crossgradient and slightly upgradient of UST 117.

In general, these pages do not provide sufficient detail with which to evaluate the proposed work. The rationales are weak. More explanation as to the purpose and objective of each sampling point needs to be provided. The figures are difficult to read in many instances. The assumed groundwater gradients should be provided. The figure should also be to scale so as to better locate the sampling points. Please accept these suggestions to help improve these pages and for future sampling proposals.

Thank you for the opportunity to review this material. If you have any questions please contact me at 650-604-0237.

Sincerely,

A handwritten signature in black ink that reads "Donald M. Chuck".

Donald M. Chuck
Environmental Services Office

Cc: Lynn Hornecker, SWDIV
F. Andrew Piszkin, SWDIV
Marie Avery, SWDIV
Sandy Olliges, NASA
Francesca D'Onofrio, DTSC
James Barton, RWQCB
Richard Jantz, Stanislaus County
Brad Hicks, Stanislaus County

BRAC OFFICE

2001 JUN 13 A 7:33