07.01-07/15/93-00983

15 July 93

To: Michelle Glenn
Peter Burger
Neal Paul
Raymond P. Wattras
From: Linda G. Berry

Subj: ACCELERATION OF INSTALLATION RESTORATION PROGRAM

Encl: (1) Camp Lejuene Expedited Cleanup Program Success Story

1. Enclosure (1) has been prepared as requested by NAVFACENGCOM (Mr. Bill Quade).

2. Please sign the second page and forward the package to the next person on the list.

3. Addressed stamped envelopes have been included for your use.

4. Please return to Ms. L. G. Berry once all signatures have been obtained. Thank you.

Received
MEB
9-18-98

CAMP LEJEUNE EXPEDITED CLEANUP PROGRAM
SUCCESS STORY

Issue: To provide a discussion of the major accomplishments in timesaving processes developed through MCB Camp Lejeune's participation in the Pilot Expedited Environmental Cleanup Program.

Background: In 1991, MCB Camp Lejeune was nominated to be one of the five Department of Navy participants in the Pilot Expedited Environmental Cleanup Program mandated by Congress to reduce the Installation Restoration (IR) timelines from study through design, construction, and cleanup. The PEECP was to be based on:

- Full compliance with environmental laws;
- Use of existing authorities when appropriate for substantial cleanups;
- Use of turnkey contracts to cover more than one phase of cleanup;
- Establishment of expedited procedures for Federal, State, and Local approvals;
- Competition in contract solicitation, contractor competency and cost in contracts.

Implementation: Many specific actions for expediting environmental restoration are being used at MCB Camp Lejeune with tremendous success. This success is attributed almost entirely to the **commitment and cooperation among all team members**. Without this team approach, changes to the standard timelines could not have occurred.

One specific action for expediting the study program at MCB Camp Lejuene utilizes a **non-phased approach to field sampling and analysis**. With this approach, the Navy collects all data necessary to satisfy the RI/FS, risk assessment, and design requirements during one field endeavor. This allows for considerable time savings; the typical approach for data collection divides data needs into several field work "phases", typically separated by a time period of 6-12 months. Contractually the non-phased approach is managed by preparing the scope of work to include price guidelines for additional field work and laboratory analysis. This allows for additional sampling to be conducted at the discretion of the remedial project manager. Concurrence from regulators (via meetings or conference calls) on proposed additional field work required to fill data gaps has been easily obtained due to the mutual cooperation among all team members. This method has allowed for a minimum time delay in obtaining all needed field data.

By involving all team members in the sampling strategy and document review process, significant time savings have resulted. Once the internal Navy team has agreed upon a strategy, a meeting is held with the regulators and the Navy to discuss the objectives of the field endeavor and the proposed sampling plan. Similarly, design review and project deliverable meetings are held to expedite the review of documents. Considerable time and effort have been saved using this method.

Benefits Realized: To date, extraordinary time reductions have been achieved in all aspects of the IR program. Using these creative techniques, a **42%** reduction from the MCB Camp Lejeune FFA-based schedules and a **65%** reduction from the "standard" RI/FS timeline has been realized. Specific examples of dramatic time savings include:

- Reducing the typical Department of Navy RI/FS timeline from **5** years to less than **2** years;
- Signing a Record of Decision **3** months ahead of the FFA schedule;
- Completing a difficult groundwater remediation design in **9** months.

In addition, the Navy anticipates the signing of RODs for 4 sites by the end of fiscal year 1993. This was accomplished in less than 14 months, about 14 months sooner than by following the standard procedures. An added benefit was a cost savings of about $100,000.

Michelle Glenn
Senior Project Manager
U.S. EPA
Region IV

E. Peter Burger, P.E.
Environmental Engineer
Superfund Section
NCDEHNR

Linda G. Berry, P.E
Remedial Project Manager
I/R Section
LANTDIVNAVENGCOM
Department of the Navy

Neal Paul
Installation Restoration Division
Marine Corps Base, Camp Lejeune

Raymond P. Wattras
Project Manager
Baker Environmental, Inc.