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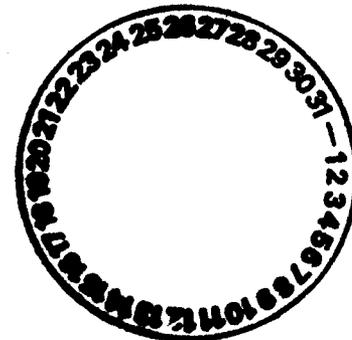
DEPARTMENT OF THE AIR FORCE
27TH CIVIL ENGINEER SQUADRON (ACC)
CANNON AIR FORCE BASE NEW MEXICO



7 FEB 2002

Major Christopher G. Duffy
Commander
506 N DL Ingram Blvd
Cannon AFB NM 88103-5003

Mr. James Bearzi
Chief, Hazardous Waste Bureau
New Mexico Environment Department
PO Box 26110
Santa Fe NM 87502



Dear Mr. Bearzi

Enclosed for your review and records is the final annual groundwater monitoring report for CY 2000 sampling at Monitoring Well (MW)-O, Landfill 3 (SWMU 105), MW-N, Landfill 4 (SWMU 104), and MW-R, Landfill 25 (SWMU 97) at Cannon Air Force Base. New Mexico Environment Department (NMED) groundwater standards were used to determine if constituents detected in the monitoring wells exceeded applicable groundwater standards. If no NMED standard for a particular constituent was available, the US Environmental Protection Agency (EPA) groundwater Maximum Contaminant Levels (MCLs) or EPA Health Advisories were applied. In cases where NMED and EPA have established separate and different standards for the same constituent, the most stringent standard was applied for purposes of comparison.

Sodium and vanadium slightly exceeded the relevant groundwater standards in MW-N, and sodium and chloride were above groundwater standards in MW-O. In MW-R, iron, chromium, sodium and nickel slightly exceeded the relevant groundwater standards. The elevated sodium levels in all three wells are consistent with previous sampling and concentrations are decreasing over time. The slightly elevated vanadium level in MW-N is consistent with previous sampling, as is the chloride level in MW-O. The elevated metals in MW-R have been an ongoing problem in this well since we installed it with a stainless steel screen. A new replacement well with a plastic screen was installed in July 2001, in an attempt to alleviate this problem.

The results of the CY 2000 long term monitoring sampling event provide no indication that any release from Landfills No. 3, 4 and 25 has impacted groundwater. If you have any questions, please contact Mr. Denny Timmons of my staff at (505)784-4639.

Sincerely

Christopher G. Duffy
CHRISTOPHER G. DUFFY, Major, USAF

Attachment:
Annual Monitoring Report

cc:
NMED (G. von Gonten)
NMED w/o enclosure (J. Jacobs)
EPA Region VI w/o enclosure (D. Neleigh)
EPA Region VI (B. Sturdivant)

Document
Not Found

CARBOI

HWB-CFB - 01-003



Parallax

INC.

U.S. Army Corps of Engineers
Omaha District
ATTN: CENWO-PM-HA (Tom Zink)
215 North 17th Street
Omaha, NE 68102-4978

ATL-01-147

June 26, 2001

Reference: Contract No. DACA45-99-D-0015
Delivery Order No. 002

Subject: Final Annual Monitoring Report Calendar Year 2000 Long-Term
Monitoring Landfill No. 3 (MW-O), Landfill No. 4 (MW-N), and Landfill
No. 25 (MW-R)
Cannon Air Force Base, New Mexico

Dear Mr. Zink,

Enclosed are four copies of the subject final report that incorporates the agreed responses to USACE comments on the draft report. A MS DOS formatted diskette with the text of this report in MS Word is included. This report constitutes the final technical deliverable on this delivery order. The original data packages and logbooks will be transmitted under separate cover, and the June Monthly Report will be the final submittal.

Parallax appreciates the opportunity to have supported the USACE Omaha District and Cannon Air Force Base on this project. Please contact me at 770-955-2008 if you have any questions or require further information.

Sincerely,
Parallax, Inc.

David Keefer
Program Manager

cc: John Pike - 27 CES/CEV, 8 copies
USACE Chemical QA Lab, 1 copy
File, 1 copy

Russ Shannon - HQ ACC/CEVR-W, 2 copies
Debbie Molinary - Parallax, 1 copy

An Engineering and Environmental Management Company

340 Interstate North Parkway, Suite 450 • Atlanta, GA 30339 • Phone: (770) 955-2008 • FAX: (770) 955-2331

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CAF 01-003



**ANNUAL MONITORING REPORT
CALENDAR YEAR 2000
LONG-TERM MONITORING
LANDFILL NO. 3 (MW-O), LANDFILL NO. 4 (MW-N),
AND LANDFILL NO. 25 (MW-R)
CANNON AIR FORCE BASE, CLOVIS, NEW MEXICO
EPA ID Number NM7572124454**

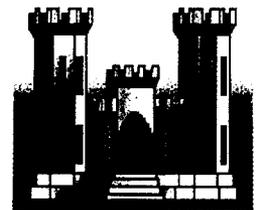
JUNE 2001

**Submitted to:
U. S. Army Corps of Engineers
Omaha District**



**Submitted by:
Parallax, Inc.
340 Interstate North Prkwy
Suite 450
Atlanta, GA 30339**

**Contract No.
DACA45-99-D-0015
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HW5-0115-01002