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

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NOV 22 2008

Mr. James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2044 Galisteo Street
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Dear Mr. Bearzi

This letter is in response to your letter dated 11 Oct 00 regarding NMED CORRECTIVE ACTION GOAL, specifically the environmental indicators and documentation of investigations. Documents for the Installation Restoration Program for sites funded by the Environmental Restoration Account are available in their entirety in electronic format on CD-ROM and are enclosed. The following is a list of the documents with contaminant information which have been submitted to NMED over the years and the sites to which they pertain:

1. *Installation Restoration Program Records Search for Cannon Air Force Base, New Mexico, CH2M Hill, August 1983.* Sites: Fire Department Training Area #4 (SWMU 109), Landfill No. 5 (SWMU 113), Fire Department Training Area #1 (SWMU 78), Engine Test Cell Overflow Pit and Leaching Field (SWMUs 86-90), Landfill No. 4 (SWMU 104), Landfill No. 1 (SWMU 74), Landfill No. 3 (SWMU 105), Sludge Weathering Pit (SWMU 76), Landfill No. 2 (SWMU 82), Solvent Disposal Site (SWMU 81), Stormwater Collection Point (SWMU 85), JP-4 Fuel Spill (AOC-B), Sanitary Sewage Lift Station Overflow Site (SWMU 75), MOGAS Spill (AOC-A), Entomology Rinse Area (SWMU 96), Fire Department Training Area # 2 (SWMU 102), Fire Department Training Area #3 (SWMU 107)
2. *Installation Restoration Program Phase II - Confirmation/Quantification, Stage 1, Cannon AFB, New Mexico, Radian Corporation, September 1986.* Sites: Landfill No. 1 (SWMU 74), Landfill No. 2 (SWMU 82), Landfill No. 3 (SWMU 105), Landfill No. 4 (SWMU 104), Landfill No. 5 (SWMU 113), FTA # 1 (SWMU 78), FTA # 2 (SWMU 106), FTA #3 (SWMU 107), FTA #4 (SWMUs 109-112), SD-11 (SWMUs 86-90), Stormwater Collection Point (SWMU 85), Sewage Lift Station Overflow (SWMU 75), AGE Drainage Ditch (SWMU 34), Solvent Disposal Site (SWMU 81), Entomology Rinse Area (SWMU 96), MOGAS Spill (AOC-A)
3. *Preliminary Review/ VSI Report RCRA Facility Assessment, Cannon AFB, New Mexico, A.T. Kearny, Inc., July 1987.* Sites: All

4. *Installation Restoration Program Remedial Investigation Report, Cannon AFB, New Mexico*, Walk, Haydel & Associates, Jan 1990. Sites: FTA # 4 (SWMUs 109-112), SD-11 (SWMUs 86-90), South Stormwater Collection Point (SWMU 85), NE Stormwater Drainage Area (SWMU 95).
5. *Phase I Remedial Investigation, Cannon AFB, New Mexico*, Woodward Clyde Consultants, Oct 1992. Sites: LF-1 (SWMU 94), LF-2 (SWMU 82), LF-3 (SWMU 105), LF-4 (SWMU 104), LF-5 (SWMU 113), FTA #1 (SWMU 78), FTA #2 (SWMU 106), FTA # 3 (SWMU 107), FTA # 4, (SWMUs 109-112), SD-11 (SWMUs 86-90), Stormwater Collection Point (SWMU 85), Sanitary Sewage Lift Station Overflow Pit (SWMU 75), Sludge Weathering Pit (SWMU 76), AGE Drainage Ditch (SWMU 34), Solvent Disposal Site (SWMU 81), Old Entomology Rinse Area (SWMU 96), NE Stormwater Drainage Area (SWMU 95)
6. *Environmental Assessment, Concrete Rubble Pile, SWMU 97, Cannon Air Force Base, New Mexico*, U.S. Army Corp of Engineers, Tulsa District, Feb 1991. Sites: Landfill 25 (SWMU 97)
7. *Remedial Investigation Report for 18 Solid Waste Management Unit, Cannon Air Force Base, Clovis, New Mexico*, Woodward-Clyde Consultants, Oct 1992. Sites: AGE Drainage Ditch (SWMU 34), Sludge Weathering Pit (SWMU 76), FTA #1 (SWMU 78), Solvent Disposal Site (SWMU 81), Engine Test Cell Area (SWMUs 86-90), NE Stormwater Drainage Area (SWMU 95), Old Entomology Rinse Area (SWMU 96), Sanitary Sewer Line (SWMU 98), Wastewater Lagoons (SWMU 101 & 102), FTA #2 (SWMU 106), FTA # 3 (SWMU 107), FTA # 4 (SWMU 109), LF 5 (SWMU 113)
8. *Remedial Investigation Multisites, Cannon AFB, New Mexico*, Woodward-Clyde Consultants, Apr 1992. Sites: LF-1 (SWMU 74), LF-2 (SWMU 82), LF-3 (SWMU 105), LF-4 (SWMU 104)
9. *RCRA Facility Investigation Report for Landfill No.1 and Landfill No.2 Cannon Air Force Base, Clovis, New Mexico*. Woodward-Clyde Consultants, Jan 1993. Sites: LF-1 (SWMU 74) and LF-2 (SWMU 82)
10. *RCRA Facility Investigation (RFI) SWMU No. 104 Landfill No.4 IRP Site LF-4 Final Report*. Radian Corporation, Mar 1994. Sites: LF-4 (SWMU 104).
11. *RCRA Facility Investigation (RFI) SWMU No. 105 Landfill No. 3 IRP Site LF-3 Final Report*. Radian Corporation, Feb 1994. Sites: Landfill No. 3 (SWMU 105)
12. *Appendix II RCRA Facility Investigation RFI Report*, LRL Sciences, Inc., 1993. Sites: Oil/Water Separators (SWMUs 1, 3, 5, 7, 8, 11, 16, 32A, 33B, 38, 39), Aircraft Washrack Drain System (SWMU 9), UST Waste Oil Tank (SWMU 48A), Above Ground Overflow Capacity Tank (SWMU 48B), Sump (SWMU 83), Explosives Ordnance Disposal Activities Area (SWMU 108)
13. *Remedial Investigation (RI) Report Landfill No. 25 SWMU No. 97 IRP Site LF-25 Final Report*. Radian Corporation, Jun 1994. Sites: LF-25 (SWMU 97)

14. *RCRA Facility Investigation Appendix III SWMUs-Phase I Cannon Air Force Base, New Mexico.* Woodward-Clyde Consultants, Feb 1994. Sites: AGE Maintenance Shop Pad (SWMU 31), Oil/Water Separators (SWMUs 46, 47, 51, 57, 61, 62, 63, 70, 93, 94, 127), Lead Acid Battery Accumulation Point (SWMU 55), Civil Engineering Container Storage Area (SWMU 77), Wastewater Playa Lake (SWMU 103).
15. *RCRA Facility Investigation Activities Phase II to Appendix I Solid Waste Management Units Supplemental RFI Report.* Woodward-Clyde Consultants, Jan 1995. Sites: SWMUs 34, 74, 75, 76, 78, 81, 82, 85, 86, 87, 88, 89, 90, 95, 96, 98, 101, 102, 104, 105, 106, 107, 109, 110, 111, 112, 113.
16. *Phase I RCRA Facility Investigation Report for Landfill No. 1 (SWMU 74) Cannon Air Force Base Clovis, New Mexico.* Woodward-Clyde Consultants, Sep 1997. Sites: LF-1 (SWMU 74)
17. *RCRA Facility Investigation Appendix III SWMUs-Phase II Cannon Air Force Base, New Mexico.* Woodward-Clyde Consultants, Nov 1997. Sites: SWMUs 31, 93, 127, 55, 77, 103, 97
18. *Final Site Inspection (SI) Report Area of Concern – D Cannon Air Force Base, New Mexico.* IMS P. C. , Jun 1997. Sites: AOC-D
19. *Phase II RCRA Facility Investigation Report Fire Training Area No. 4 SWMU Nos. 109, 110, 111, 112 Cannon Air Force Base Clovis, New Mexico.* Harza, Inc., 1997. Sites: FTA-4 (SWMUs 109, 110, 111, 112).
20. *Phase I RCRA Facility Investigation Report for Landfill No. 5 (SWMU 113/IRP No. LF-5) Cannon Air Force Base Clovis, New Mexico.* Woodward-Clyde Consultants, May 1998. Sites: LF-5 (SWMU 113)
21. *Final Report CERCLA Site Inspections at Areas of Concern (AOCs) E, F,G, and H Cannon AFB, New Mexico.* Woodward-Clyde Consultants, Mar 1999. Sites: AOCs E, F, G, & H.
22. *Corrective Measure Completion Report Appendices II and III Solid Waste Management Units Cannon Air Force Base Clovis, New Mexico.* U. S. Army Corps of Engineers, Albuquerque District, Jul 1999. Sites: Oil/Water Separators SWMUs 1, 7, 8, 9, 11, 32a, 33b, 38, 39, 46,47, 51, 57, 61, 62, 63, 70, 92, 94.
23. *RCRA Facility Investigation Activities Phase II to Appendix I (Old Entomology Rinse Area Boring) Supplemental RFI Report (19 SWMU Boundary Survey) Cannon Air Force Base, New Mexico.* Woodward-Clyde Consultants, Sep 1994. Sites: Old Entomology Rinse Area (SWMU 96).
24. *RCRA Facility Investigation Appendix I SWMUs 86-90 (IRP Site SD-11) Phase III Cannon Air Force Base, New Mexico.* Woodward-Clyde Consultants, Nov 1997. Sites: SD-11 (SWMUs 86, 87, 88, 89, & 90).

25. *Results of Chemical Analyses of Water Samples, LF-05*. US Army Corps of Engineers-Southwest Division, 16 Jun 1992. Sites: LF-5 (SWMU 113)
26. *Results of Chemical Analyses of Water Samples, LF-05 and Sewage Lagoon*, US Army Corps of Engineers-Southwest Division, 29 Apr 1992. Sites: LF-5 (SWMU 113) and Sewage Lagoons (SWMU 101).
27. *Groundwater Sampling Data Report for 24-26 Jun 96, WP-21*, US Geological Survey, 11 Sep 1996. Site: Wastewater Treatment System Lagoons (SWMU 101).
28. *Groundwater Sampling Data Report for 20-22 Aug 96, WP-21, LF-05*, US Geological Survey, 31 Oct 96. Sites: SWMUs 101 and 113.
29. *Final Assessment Monitoring Quarterly Report, Fourth Quarter 96, LF-03, LF-04*. Foothill Engineering Consultants, Inc., Jan 97. Sites: SWMUs 104 & 105.
30. *Final Assessment Monitoring Quarterly Report, Fourth Quarter 96, LF-05*. Foothill Engineering Consultants, Inc., 09 Jan 1997. Site: SWMU 113
31. *Groundwater Sampling Data Report for 16-17 Dec 96, LF-05*. US Geological Survey, 27 Feb 1997. Site: SWMU 113.
32. *Groundwater Sampling Data Report for 4-5 Mar 97, LF-05*. US Geological Survey, 30 Apr 97. Site: SWMU 113.
33. *Cannon Air Force Base, New Mexico Statistical Analysis Report for Samples Collected August, December, 1996, March, and May 1997 from RCRA Ground-Water Monitoring Wells at Landfill 5*, US Geological Survey, Aug 1997. Site: SWMU 113
34. *Groundwater Sampling Data Report for 27-28 May 97, LF-05*, US Geological Survey, Aug 97. Site: SWMU 113.
35. *Final Quarterly and Semiannual Monitoring Report for Jun 97, LF-03, LF-04*, Foothill Engineering Consultants, Inc., Sep 1997. Sites: SWMUs 104 & 105.
36. *Groundwater Sampling Data Report for 18-20 Aug 97, LF-05*, US Geological Survey, Oct 1997. Site: SWMU 113.
37. *Final Annual Summary Report, 96 for Assessment Monitoring LF-03, LF-04*, Foothills Engineering Consultants, Inc., Oct 1997. Sites: SWMUs 104 & 105.
38. *Final Assessment Monitoring Quarterly Report, Third Quarter 96, LF-05*, Harza Environmental Services, Inc., 28 Oct 1996. Site: SWMU 113.

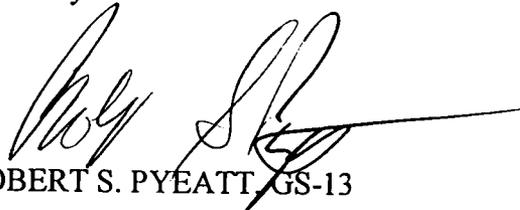
39. *Final Second Quarterly Monitoring Report for Sep 97, LF-25*, Foothill Engineering Consultants, Inc., 23 Dec 1997. Site: SWMU 97.
40. *Final Third Quarterly Monitoring and Semiannual Monitoring for Dec 97, LF-03, LF-04, LF-25*, Foothill Engineering Consultants, Inc., Mar 1998. Sites: SWMUs 97, 104, & 105.
41. *Groundwater Analytical Results Report, LF-05*, US Geological Survey, 25 Feb 1994. Site: SWMU 113.
42. *RCRA Monitoring Well Sampling Data Report, 22-23 Feb 95, LF-05*, US Geological Survey, Apr 1995. Site: SWMU 113.
43. *Groundwater Analytical Results for 09-10 Aug 94 Sampling. LF-05*, US Geological Survey, Aug 1994. Site: SWMU 113.
44. *Groundwater Monitoring Data Report for 22-23 Aug 95 Sampling, LF-05*, US Geological Survey, Oct 1995. Site: SWMU 113.
45. *Groundwater Sampling Data Report for 26-29 Feb and 07 Mar 96, LF-05*, US Geological Survey, Apr 1996. Site: SWMU 113.
46. *Final Assessment Monitoring Quarterly Report, First Quarter 96, LF-03, LF-04*, Foothill Engineering Consultants, Inc., Jun 1996. Sites: SWMUs 104 & 105.
47. *Final Assessment Monitoring Quarterly Report, Second Quarter 96, LF-03, LF-04*, Foothill Engineering Consultants, Inc., Aug 1996. Sites: SWMUs 104 & 105.
48. *Final Assessment Monitoring Quarterly Report, First Quarter 96, LF-05*, Harding Lawson Associates, 18 Jun 1996. Site: SWMU 113.
49. *Groundwater Sampling Data Report, 16-17 Apr 96, WP-21*, US Geological Survey, 20 Jun 1996. Site: SWMU 101.
50. *Final Assessment Monitoring Quarterly Report, Second Quarter 96, LF-05*, Harding Lawson Associates, 12 Aug 1996. Site: SWMU 113.
51. *Final Assessment Monitoring Quarterly Report, Third Quarter 96, LF-03, LF-04*, Foothill Engineering Consultants, Inc., Nov 1996. Sites: SWMUs 104 & 105.
52. *Annual Assessment Monitoring for Landfill 25, Jun 97-Mar 98*, Foothill Engineering Consultants, Inc., 11 Jan 1999. Sites: SWMU 97
53. *Groundwater Monitoring Report for Sewage Lagoons and Landfill 5 for 29-31 Aug 99*, US Geological Survey, 4 Nov 1999. Sites: SWMUs 101 & 97.

54. *Annual Summary Report Assessment Monitoring 1998 Sampling Events Landfills 3, 4, and 25*, Foothills Engineering Consultants, 25 Oct 1999. Sites: SWMUs 104, 105, & 97.
55. *Final Semiannual Monitoring Report June 99 Sampling Event Landfill 25*, Foothill Engineering Consultants, Inc., 25 Oct 1999. Site: SWMU 97.
56. *Long Term Monitoring Landfills 3, 4, and 25 Dec 97 Sampling Event*, Foothill Engineering Consultants, Inc., 20 May 1998. Sites: SWMUs 104, 105, & 97.
57. *Groundwater Monitoring Report for Sewage Lagoons and Landfill 5 for Sampling on 7-8 Apr 1998*, US Geological Survey, 26 Aug 98. Sites: SWMUs 101 and 113.
58. *Groundwater Monitoring Report for Landfill 5 for 12 Aug 98 Sampling Event*, US Geological Survey, 11 Jan 1999. Sites: SWMU 113.
59. *Final Annual Summary Report Assessment Monitoring 1999 Sampling Events Longterm Monitoring Landfill 3, 4, and 25*, Foothill Engineering Consultants, Inc., Jun 2000. Sites: SWMUs 104, 105, & 97.

We believe this list to be fairly complete but may have missed some documents. We will work with NMED to fill in any gaps and accomplish this task of documenting the Environmental Indicators.

If you have any questions, please contact Mr. Sanford Hutsell of my Environmental Flight at (505)784-6378.

Sincerely



ROBERT S. PYEATT, GS-13

Encl:
CD-ROMs

cc:
NMED w/o encl (G. von Gonten)
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