

Los Alamos

NATIONAL LABORATORY
Environmental Restoration Project
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Date April 7, 1995
Refer to EM/ER:95-145

Mr. Ted Taylor, Program Manager
U.S. Department of Energy
Los Alamos Area Office, MS A316
Los Alamos, NM 87544

Dear Ted:

SUBJECT: FIELD UNIT 5 NOTIFICATION OF SAMPLING ACTIVITIES

Field Unit 5 is planning to start sampling at former Operable Units 1111 and 1157 on or about April 17, 1995, through September 1995.

The following OU-1157 Potential Release Sites (PRSs) will be sampled:

- 9-001(c) decommissioned recovery pit
- 9-003(a),(b),(d), and (e) decommissioned settling tanks
- 9-005(a) septic tank
- 9-006 decommissioned septic tank
- 9-012 waste pit

Subsurface soil sampling at the TA-9 Decommissioned area and the Far Point Firing site is scheduled to begin the week of April 17, 1995 and will continue until the week of May 15, 1995. Approximately 38 boreholes will be drilled at the above PRSs. Depth of sampling will vary from 0 to 15 feet.

The following estimated number of samples will be submitted for analysis:

VOCs	34
SVOCs	4
HE	38
Gross alpha/beta	34
Gross gamma	2
Sr-90	3
Tritium	3
Metals/CN	35
Hg, Se, As	35
Pesticides/PCBs	3
Herbicides	3



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The following OU-1111 aggregates will be sampled:

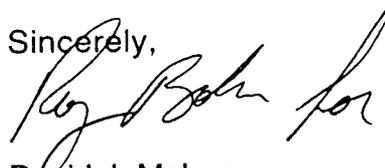
Aggregate 6 (Septic Systems): Sample 4 inactive septic tanks at TA-6 and TA-22 scheduled for removal by the ECT. Samples will be collected in the excavated area below the tanks upon removal. Samples will be analyzed for total metals, SVOC and HE. Between 32 and 40 soil samples are to be collected from all four excavated areas collectively however, one of every three samples collected be submitted for laboratory analyses.

Aggregate 7 (Active Firing Sites): Sample at TA-40. Sample one active firing site (TA-40-15) and a landfill (TA-40-9). Approximately 141 total soil samples will be collected and submitted for Sr-90, Cs-137, Isotopic U or Total U (not determined yet), total metals, SVOC and HE.

Aggregate 8 (Former Structure Sites): Sample at TA-6. Sample 19 former sites and/or buildings used for HE and detonator storage. Buildings have since been decommissioned. Approximately 120 soil samples will be collected and submitted for total metals, some for VOC (2 areas) and HE.

The readiness review for this sampling activity was conducted on April 5, 1995. If you have any questions or concerns, please feel free to give me a call.

Sincerely,



David J. McInroy
Environmental Restoration Project

DJM/plp

Cy: J. Jansen, EM/ER, MS M992
C. Rofer, EES-1, MS D462
RPF, MS M707
CIC-10, MS A150,

Mr. Ted Taylor
EM/ER:95-145

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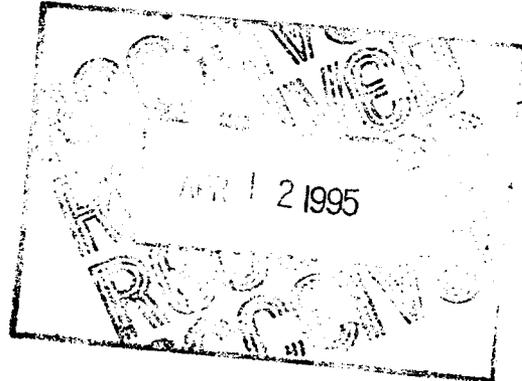
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*For R -
Barbara*

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*Teri ✓
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