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**MODIFICATION TO THE OPERABLE UNIT (OU) 2
SAMPLING AND ANALYSIS PLAN**

09-11-91

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DOE-FSO/EPA
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LETTER**



Department of Energy
Fernald Environmental Management Project
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SEP 11 1991

DOE-1973-91

Mr. James A. Saric, Remedial Project Director
U. S. Environmental Protection Agency
Region V - 5HR-12
230 South Dearborn Street
Chicago, Illinois 60604

Mr. Graham E. Mitchell, DOE Coordinator
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402

Dear Mr. Saric and Mr. Mitchell:

MODIFICATION TO THE OPERABLE UNIT (OU) 2 SAMPLING AND ANALYSIS PLAN

Enclosed for your information is the Work Plan Addendum pertaining to additional sampling and analysis for OU2. This addendum incorporates additional borings and analysis into the currently approved Sampling Plan as follows:

- o There will be four additional borings in the Southfield Area to collect samples for HSL and TCLP analysis.
- o Appendix IX, 40 CFR, Part 261, pp 90-98, July 1, 1990, constituent analysis has been added for samples from the Sanitary Landfill and Lime Sludge Ponds.
- o In order to facilitate the Appendix IX analysis two additional borings are necessary in the Lime Sludge Ponds. No additional borings will be required in the Sanitary Landfill to accomplish the analysis.

(Note: Analytical duplication will be minimized.)

- o The simulated rainwater leach procedure has been revised.
- o Untreated waste from each of the disposal areas will undergo full radiological analysis and a TCLP extraction. The extract will be analyzed for full radiological parameters. This additional analysis is required to fully evaluate the Treatability Study. The specifics of this testing will be provided in the revision of the Treatability Study Work Plan pursuant to pending comments.

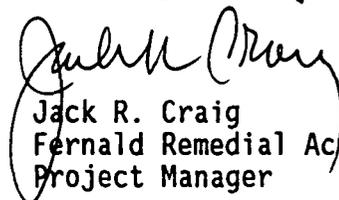
These additions are reflected in the text, Table 1, Table 4 and Appendix A. No activities have been deleted from the currently approved Sampling Plan.

We believe that these additions do not significantly modify the nature or intent of this sampling. These modifications will enhance the information obtained from this sampling activity and will not delay the completion of the field work and will conform with the draft OU2 RI/FS schedule. All sampling and analysis is being conducted as specified in the RI/FS QAPP.

The actual sampling activity has been ongoing since early May 1991, and is complete except for the two additional borings in the Lime Sludge Pond to facilitate appendix IX analysis.

If you have any questions, please contact Johnny Reising at (513) 738-9083 or FTS 774-9083.

Sincerely,



Jack R. Craig
Fernald Remedial Action
Project Manager

FO:Reising

Enclosure: As stated

cc w/encl.:

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