



## Department of Energy

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DOE-0448-98

Mr. Paul Pardi, RCRA Group Leader  
and FFCA Project Manager  
Ohio Environmental Protection Agency  
Division of Hazardous Waste Management  
401 East 5th Street  
Dayton, Ohio 45402-2911

Mr. Michael Savage, Assistant Chief  
Ohio Environmental Protection Agency  
Division of Hazardous Waste Management  
1800 Watermark Drive  
Columbus, Ohio 43216-1049

Dear Mr. Pardi and Mr. Savage:

### ORGANIC EXTRACTION PROJECT, DECISION NOT TO IMPLEMENT TECHNOLOGY

This letter is to inform the Ohio Environmental Protection Agency (OEPA) that the Department of Energy, Fernald Environmental Management Project (DOE-FEMP) has completed the demonstration phase of the Organic Extraction Project. The results of the demonstration were less than adequate to support the schedule for treatment of the tri-mixed waste at the FEMP. The results indicate that the Terra-Kleen equipment and process are capable of the successful treatment of soils to meet the regulatory standards for Poly-Chlorinated Biphenyls (PCB) and Resource Conservation and Recovery Act (RCRA) organics. The debris results indicate successful treatment for PCBs and that the RCRA organics standards could potentially be met. The results indicate that the system, as configured and operated, is not capable of treating sludges to meet the standards for either PCBs or RCRA organics. Soils and debris comprise approximately 30% of the waste streams in the project inventory.

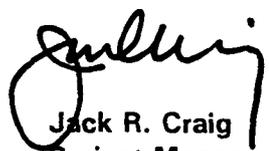
Based on these results, it was determined that the Terra-Kleen system, as demonstrated, could not treat an adequate volume of the project's waste streams. Therefore, to meet reasonable project schedules and budget, the decision was made not to implement the full-scale treatment option of the contract with Terra-Kleen. The FEMP is proceeding with decontamination and dismantlement of the equipment for turnover to Terra-Kleen.

The FEMP has already begun the process of acquiring the services of another subcontractor for the treatment of these wastes. An announcement for Potential Sources Sought was placed in the Commerce Business Daily on February 9, 1998. Responses are due by March 6, 1998. The FEMP will keep the OEPA apprised of progress in the selection and negotiation with a subcontractor to complete this project.

Based on this decision, it is requested that all Site Treatment Plan milestones regarding the Organic Extraction Project be deleted. New milestones will be established upon the award of a new contract, probably during the Fourth Quarter of Fiscal Year (FY) 1998.

Questions regarding this issue should be addressed to Robert Danner at (513) 648-3167.

Sincerely,



Jack R. Craig  
Project Manager

FEMP:Danner

cc:

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