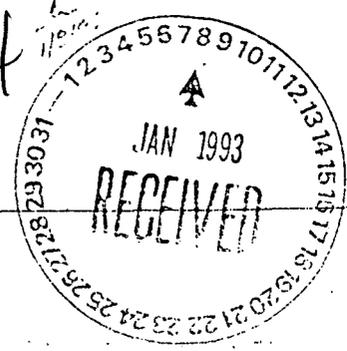


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## INTEROFFICE CORRESPONDENCE

DATE: January 7, 1992

TO: H. P. Mann, Deputy General Manager, Bldg 111, X4361

FROM: *E. C. Mast*  
E. C. Mast, Remediation Project Management, Bldg 080, X8589

SUBJECT: SOIL GAS SURVEY TECHNICAL MEMORANDUM NO. 5, OU 5 - ECM-001-93

The number of soil gas sampling locations at Individual Hazardous Substance Site (IHSS) 115, the Old Landfill, was spelled out in the Work Plan for Operable Unit No. 5 (OU 5); "As specified in the IAG, the soil gas samples will be taken on a 100 ft grid according to the procedures described in SOP GT.9. To further improve the sampling coverage, the grid will be reduced to 25 ft. spacing at the downgradient perimeter of the landfill, over areas of suspected buried metallic materials based on the magnetometer and EM survey,....".

The results of the magnetometer survey indicated that the Old Landfill was composed of many small magnetic anomalies that merged into a large one. The initial grid laid out by the subcontractor in the Technical Memorandum (TM) following the guidance from SOP GT.9 and augmented by the OU 5 Work Plan, was based on the magnetometer results and covered a large part of the Old Landfill on 25-foot centers. This grid covered approximately 1,300 sampling locations. EG&G Rocky Flats Inc. (EG&G) recognized that this was excessive. After discussions, with DOE, the Environmental Protection Agency (EPA) and the Colorado Department of Health (CDH), it was evident that the magnitude of the soil gas sampling program was far beyond what was envisioned in the OU 5 Work Plan documents; subsequently, the TM is being revised. The draft revision will be resubmitted with about 350 sampling locations to be more in line with what was envisioned by all parties.

The lessons learned through this experience are to maintain a dialogue with the regulatory agencies (DOE, EPA and CDH) throughout the TM process, and to keep them aware of the direction the program is going. The agencies, at least in this instance, have taken a pragmatic approach to solving this issue.

If you have any questions, please call me at extension 8589.

dmf

cc:  
M. B. Arndt  
R. L. Benedetti  
M. S. Buddy

**ADMIN RECORD**

REVIEWED FOR CLASSIFICATION/UCM  
By Sea Dura  
Date 8-11-93