



## INTEROFFICE CORRESPONDENCE

DATE: February 3, 1995

TO: M. B. Murdock, Ecology and Watershed Management, Bldg. T130B, X3560

FROM: R. K. Volk, Operable Unit 2 Characterization Team, Bldg. 080, X8645

SUBJECT: Operable Unit 2 Site Inspection - RKV-002 -95

DOE Order: 4700.1

Action: Perform site inspections of Operable Unit 2 for threatened and endangered species and migratory bird procedures compliance.

Beginning in mid-February 1995, the Operable Unit (OU) 2 Characterization Team would like to start Trench and Mound Site Characterization activities. Individual Hazardous Substance Sites (IHSS) which will be included in these activities are as follows: IHSS 113 (Mound Site), IHSS 108 (Trench T-1), IHSS 109 (Trench T-2), IHSS 111.1 (Trench T-4), IHSS 111.8 (Trench T-11), IHSS 111.7 (Trench T-10), IHSS 111.2 (Trench T-5), IHSS 111.3 (Trench T-6), IHSS 111.6 (Trench T-9), IHSS 111.4 (Trench T-7), IHSS 111.5 (Trench T-8) and Trenches T-12 and T-13. (Please see the attached maps for further detail and locations.) Prior to the field operations beginning, it is necessary that a site inspection be performed of the area to ensure the characterization activities will not effect any threatened and endangered species or migratory birds. It would be appreciated if you could schedule an inspection of the OU 2 sites referenced above. Following is a brief description of the activities which will be taking place during the characterization.

The characterization will be divided into two phases. The first phase will use non-intrusive methods to define the extent of the trenches within OU 2. Ground penetrating radar and electromagnetic surveys (EM-31 and EM-61) will be used to identify the edges of the trenches and detect any metallic items (i.e. drums) which may be buried in the trenches. The second phase of the characterization will involve using a Geoprobe to collect soil gas samples along a twenty foot grid spacing centered along the long axis of the trenches. Hollow-stem augers will be used to drill boreholes and collect soil samples in the center of anomalies detected during the soil gas survey sampling. The Geoprobe will be used to take samples at five and ten feet below ground surface. If initial samples indicate deeper contamination may exist, drilling may go as deep as five feet above the top of groundwater. Boreholes for soil sampling will extend to ten feet below ground surface. If observations from the soil gas survey indicate the possibility of deeper contamination, the borehole may be extended to the top of groundwater. The attached maps provide additional information on the proposed drilling locations.

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Our schedule for performing the characterization activities begins in mid-February. In order to meet this schedule, it would be appreciated if we could receive clearance from you by February 13, 1995. Thank you for your help with this matter. If you require any further information or have any questions, please feel free to call me at extension 8645.

rkv

Attachments:  
As Stated (5)

cc:  
P. J. Laurin w/o Attach.  
ERPD Project File (2)