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State of Ohio Environmental Protection Agency

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George V. Voinovich
Governor

May 21, 1997

RE: DOE FEMP
MSL 531-0297
HAMILTON COUNTY
STORMWATER CONTROLS
INSPECTION MAY 20, 1997

Mr. Johnny Reising
U.S. Department of Energy, Fernald Area Office
P.O. Box 538705
Cincinnati, OH 45253-8705

Dear Mr. Reising:

I have been conducting periodic stormwater control inspections both with and independent of Mr. Doug Abbott of FDF and communicating the results of those inspections directly with Mr. Abbott. Per Mr. Janke's request to Tom Schneider, with this letter I will begin communicating those results directly to you and copying Mr. Abbott.

On May 20th, I conducted a brief inspection of the stormwater and erosion controls and noted the following:

1) Visitor Sign In Area.

The reconstructed entry area still has no soil stabilization above the stone. Mr. Abbott had indicated that there were areas which did not fall under a specific remediation project that were difficult to ascertain responsibility, and that this is one of those areas. The unseeded areas have gullies. It is unfortunate that this is the first area visitors to the site see. Grass needs to be established in the bare soil areas as soon as possible.

2) Haul Road.

-Silt fences have been installed in the pilot plant ditch. Would like to see additional silt fence added along the contours of the roadside ditches when they have been graded more smoothly. As we discussed at the site, this will minimize the erosion along the roadside into the pilot plant ditch.
-Improvements were noted in the ditch along the asphalt at the entrance. There still seems to be a lot of sediment getting into that ditch from somewhere although it appears to be captured prior to making its way to the pilot plant ditch.
-On the north side of the entry, it appeared as though a temporary sump pump was installed. Electric lines and a hose were observed running down a black riser in the construction area. The discharge ran to the west to a place I couldn't observe from the fence line. I would like to know if this discharge has been characterized and where was it going.

3) OSDF.

-A water truck was observed spraying water in the area south of the northermost sediment traps at 1230. The area that had been sprayed along the east fenceline was being excavated when I returned at 1500.

-There is a small berm south of the east sediment basin (south of the impacted soil storage area) visible from the north access road. The water runs along this berm joining the discharge of the east sediment basin. At the confluence a deep gully has developed. A few large stones have been placed in the gully. Additional work is needed in this area (e.g. make the confluence stone line ditches, place a check dam along the berm to reduct the velocity of the flow, etc).

-Improvements noted: addition of silt fence to minimize erosion in open areas with slope, grass becoming more evident.

If you have any questions, please do not hesitate to contact me at (937) 285-6464.

Sincerely,



Joe Bartoszek
Environmental Specialist
Division of Surface Water, Water Quality Unit

cc: Terry Hagen, FDF
Doug Abbott, FDF
Tom Schneider, OFFO