



Department of Energy

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Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

DOE-0139-99

Dear Mr. Schneider:

**SAMPLING FOR NON-CONTACT STORM WATER RUNOFF FROM THE WASTE PITS
REMEDIAL ACTION PROJECT**

- References:
- 1) Letter, T. Schneider to J. Reising, "DOE-FEMP Comments - WPRAP Remedial Design Package," dated May 8, 1998
 - 2) Letter, T. Schneider to J. Reising, "DOE FEMP Draft Final Remedial Design Package," dated July 31, 1998

The purpose of this letter is to address several outstanding issues relating to additional sampling for non-contact storm water from the Waste Pit Remedial Action Project (WPRAP) project area. The OEPA's concerns were articulated in the above references.

In a meeting between Mr. Joe Bartoszek of OEPA and Mr. Mark Cherry and Frank Johnston of Fluor Daniel Fernald, Inc. (FDF) on October 13, 1998, the issue of conducting additional sampling beyond that identified in the Integrated Environmental Project (IEMP) was discussed. At this meeting, Mr. Bartoszek expressed concerns that there were areas within the WPRAP contractors project area where non-contact storm water would be discharging directly to Paddys Run unmonitored. Those present reviewed the International Technology (IT) drawing "Post Construction Storm Water Management" (M-00-80-011) and compared the drainage areas to the sampling points identified in the IEMP. The following summarizes the actions and decisions made at this meeting:

- The drainage area east of the surge lagoon and south of the proposed Railcar Loadout Building drains to an existing 30-inch storm drain that discharges to the Pilot Plant Drainage Ditch. The discharge from this 30-inch storm drain is sampled under the IEMP as sampling point SWD-03. Those present agreed that sampling point SWD-03

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and current monthly sampling frequency for total uranium would provide the necessary information to quantify any impacts as a result of the discharge of this non-contact storm water.

- Those present agreed to confirm that there were no other areas of non-contact storm water draining from the contractors area that would not be monitored under the IEMP.

Subsequent to this meeting, FDF WPRAP personnel confirmed that there were no identified areas where non-contact storm water would be draining directly to the Pilot Plant Drainage Ditch or Paddys Run. Other identified non-contact storm water from the work area, as defined by IT Corp., is being controlled by the Waste Pit Area Runoff Control Sump (WPARC) (referred to as the K-65 Storm Water Basin in the Remedial Design Package). The WPARC Sump discharges to the surge lagoon for eventual treatment through the Advanced Wastewater Treatment system (AWWT). The only other source of storm water discharged to Paddys Run is that from the Storm Water Management Pond provided the uranium concentration is less than 20 ppb.

This information was relayed to Mr. Bartoszek on October 19, 1998. Mr. Bartoszek agreed that additional project specific monitoring for non-contact storm water was not warranted at this time. Therefore, OEPA comments relative to additional sampling of non-contact storm water have now been resolved.

If you have any further questions regarding this matter, please contact Dave Lojek at (513) 648-3127

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Hall

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