

**Department of Energy**

Washington, DC 20585

August 13, 2014

Mr. Thomas A. Schneider  
Ohio Environmental Protection Agency  
401 East 5th Street  
Dayton, Ohio 45402

Dear Mr. Schneider:

**SUBJECT: Status of Paddy's Run Road Site Water Quality**

As discussed during our meeting on July 16, DOE is requesting information on the cleanup status of groundwater contamination in the Great Miami Aquifer (GMA) at the Paddys Run Road Site (PRRS). The PRRS is located south of the Fernald Preserve in southwestern Ohio. It is DOE's understanding that a state-coordinated cleanup was conducted at the site to address groundwater contamination. Specifically, DOE would like information on the status of the cleanup and how groundwater quality in the PRRS area compares to state groundwater standards. This groundwater quality information is requested in order to aid DOE in deciding if DOE needs to continue monitoring groundwater quality in the PRRS area.

As directed in the site's Integrated Environmental Monitoring Plan (IEMP), DOE routinely samples 11 groundwater wells in the PRRS area for PRRS constituents that include both inorganics and organics. The objective of the DOE groundwater sampling is to document that DOE's pump-and-treat operation north of the PRRS area to address a uranium plume in the GMA is not impacting, capturing, or spreading any PRRS contamination located to the south (down gradient) of the DOE extraction wells.

Maintaining access to several monitoring wells in the PRRS area that are currently required in the IEMP has become an issue. The continuing access issue has raised a bigger question related to the need for DOE to continue sampling water quality in the PRRS area for the PRRS constituents.

Any information you can provide on the groundwater quality of the PRRS area would be much appreciated.



Mr. Thomas Schneider

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If you require additional information, please call me at (513) 648-3333. Please send any correspondence to:

U.S. Department of Energy  
Office of Legacy Management  
10995 Hamilton-Cleves Hwy.  
Harrison, OH 45030

Sincerely,

Gwendolyn N. Hooten



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Gwendolyn N. Hooten  
Fernald Preserve Site Manager  
DOE-LM-20.2

cc: (electronic)  
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Project Record File FER 115.02.05(A)  
rc-ohio