



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

7277

February 3, 2011

Carrie Brown
Office of Headquarters Procurement Services
Mail Code MA-641.2
U.S. Department of Energy
1000 Independence Ave., S.W.
Washington, DC 20585-1615

**RE: FERNALD COST RECOVERY GRANT AWARD NUMBER DE-FG01-07LM00107
OVERSIGHT AND MONITORING AT THE FERNALD SITE**

Dear Ms. Brown:

Attached please find Ohio EPA's Quarterly Report for the period October 1, 2010 through December 30, 2010 detailing activities related to the Cost Recovery Grant.

If you should have any questions regarding this report, please contact me at (937) 285-6466.

Sincerely,

Thomas A. Schneider
Fernald Team Leader
Federal Facilities Program

cc w/o enc: Steven Snyder, DERR, Fiscal
Vickie Stevens-Pease, Grant Files
Jim Beaton, Grants Administrator, Fiscal
cc w/ enc: **Jane Powell, DOE-LM Fernald Preserve**

February 3, 2011



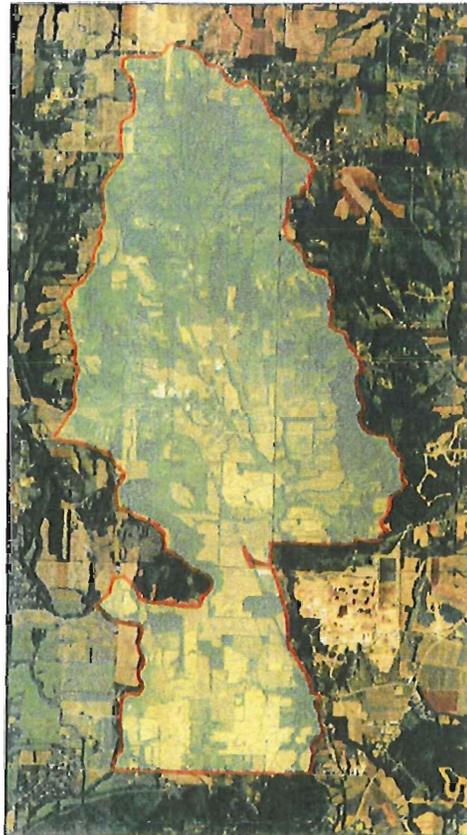
Environmental
Protection Agency

Federal Facilities Section

Fernald Quarterly Report

October, November, December 2010

Paddys Run Conservation Project



Ohio EPA staff and Three Valley Conservation Trust introduced the Paddys Run Conservation Project to the Fernald community at a public meeting on December 6, 2010. This map of the Paddys Run watershed focus area was shown to the more than 60 attendees.



Legend

 Focus Area



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**Ohio EPA Office of Federal Facilities Oversight
Cost Recovery Grant Quarterly Report
for the
Fourth Quarter of FFY10**

OCTOBER 2010

HIGHLIGHTS AND SIGNIFICANT EVENTS

- On 10/26/10 Donna Bohannon split sampled three private wells for total uranium.
- On 10/20/10, Tom Schneider taped an interview with Trinity Broadcasting Network in Richmond, Indiana regarding the state of the environment with a focus on water quality issues in southwest Ohio.
- On 10/20/10, Bill Lohner gave a presentation to 15 members of the Retired Engineers & Scientists of Cincinnati on the topic of Innovative Technologies at the Fernald Preserve. This included information about the aquifer remediation and the technology used to remove uranium. He also discussed the design and operation of the bio-wetland.
- On 10/21/10 Tom Schneider participated in the ECOS sponsored webinar regarding natural resource damage assessment and restoration. The webinar was a follow up to the ECOS NRDAR green report for which Tom provided a case study of the Fernald NRD. For the webinar, Tom presented a synopsis of the Fernald NRD activity and shared Ohio's NRD experience at the site.
- On October 15th, Laura Hafer presented information on watersheds and aquifers at the Butler County Children's Groundwater Festival located at the Hamilton campus of Miami University. The annual festival educates elementary students about the importance of ground water resources protection. Using the Enviroscope watershed model, the children were able to see how many different factors add to non-point source water pollution. They also learned possible solutions for these contaminants. The students enjoyed the hands-on participation and active learning. Colorful posters and current news headlines were also used to emphasize the importance of this resource.

MEETINGS

One or more OFFO staff participated in the following meetings: Project Managers conference call; DERR staff meeting; SWDO staff meetings; ITRC fall meeting in St. Louis; ITRC calls; ECOS calls; Combined Intergovernmental Working Group planning call; NRD meetings/calls.

NOVEMBER 2010

HIGHLIGHTS AND SIGNIFICANT EVENTS

- The agency contract with Three Valley Conservation Trust was finalized. The contract brings the non-profit Three Valley to assist in the development and acquisition of conservation easements on land in the Paddys Run watershed. On 11/2/10 a kickoff meeting was held with the Trust Board and Executive Director.

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- Ohio EPA continued efforts with Three Valley Conservation Trust (3VCT) to reach out to Fernald area land owners. Separate meetings were held with Westhomes, LLC and Hamilton County Parks.
- On 12/14, Ohio EPA and subcontractor, 3VCT, presented information at the Morgan Township Trustee meeting regarding the Fernald natural resource trustees project to acquire conservation easements around Fernald. The Paddys Run Conservation Project targets easements within the Paddys Run drainage basin and over the Great Miami Buried Aquifer up gradient of Fernald. In response to the 12/6/10 public meeting, Ohio EPA updated the focus area map and copies were made available at the trustee meeting. The mail list is under review since many Morgan Township landowners did not receive our mailed invitation. In addition to the trustees and 3VCT, there were 10 Morgan township landowners in attendance.
- Ohio EPA responded to a Fernald inquiry from a representative of Natural Resources Canada regarding the community dispute resolution process. Ohio EPA had met in August with Canadian representatives who are working on a large scale nuclear waste cleanup at Port Hope, Ontario which is similar to the Fernald cleanup.

MEETINGS

One or more OFFO staff participated in the following meetings:
DERR staff meeting; SWDO staff meetings; NRD trustees meetings and calls (TS, BL, LH); ITRC calls (TS).