



State of Ohio Environmental Protection Agency

Southwest District Office

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Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
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February 7, 2008

Ms. Laura E. Freeman  
Contracting Officer USDOE  
Office of HQ Procurement Services  
c/o Office of Legacy Management  
3600 Collins Ferry Road  
Morgantown, WV 26505

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

Dear Ms. Freeman:

Attached please find Ohio EPA's Quarterly Report for the period October 1, 2007 through December 31, 2007 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



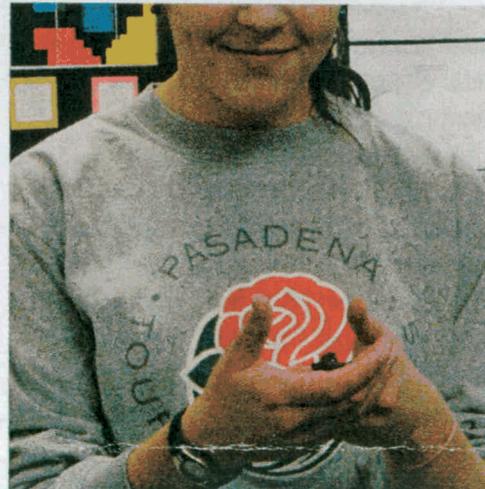


Ohio Environmental Protection Agency  
Federal Facilities Group



# Quarterly Report

October, November, December 2007



*Ohio EPA participated in several environmental education outreach opportunities with middle school, high school and college students during the last quarter of 2007.*

**Ohio EPA**  
**Federal Facilities Section**  
401 East Fifth  
Dayton, OH 45402  
(937) 285-6357  
February 7, 2008

**Ohio EPA Office of Federal Facilities Oversight  
Cost Recovery Grant Quarterly Report  
for the  
First Quarter of FFY08**

**OCTOBER 2007**

**HIGHLIGHTS AND SIGNIFICANT EVENTS**

- Orange safety vests are now required on the Fernald property following an off-site shooting incident. On October 1<sup>st</sup>, one of the Fernald employees was hit by stray shotgun pellet in the neck while working on a monitoring well on the eastern side of the Fernald property. The gun was shot from the other side of the property line, but the stray pellets rained down on the Fernald property. The employee was not injured.
- Laura Hafer attended the monthly FCA meeting on October 1<sup>st</sup>. Discussions focused on work related to the Fernald visitor's center, group administration and the Diamond Motorsports Park storm water permit.
- Tom Schneider and Joe Bartoszek provided a tour and lecture on the Fernald wetland restoration activities to students from Miami University graduate wetland course on October 2<sup>nd</sup>. The field trip included demonstrations of passive samplers and a visit to several of the on-site wetlands. The site visit was followed by a classroom discussion of the Fernald cleanup and research conducted at the site by Ohio EPA. Approximately 12 students and faculty participated.
- On October 3, Tom Schneider made a presentation to the Ohio Environmental Health Association Conference at Sinclair Community College titled "A Journey from Weapons to Wetlands, The Community and Cleanup at Fernald". Laura Hafer worked to update the presentation following remediation completion. Approximately 75 attended the presentation.
- On October 18 a leak was detected within Valve House 2 of the OSDF. An operator noticed water on the floor of the valve house and a hole was found in the carbon steel piping that leads to the leachate conveyance system (LCS) tank. It is notable that no alarms were raised in the breach of this system. The uranium content of the water on the floor was 82.5 ppb.
- Ohio EPA approved a permit exemption for the Visitors Center wastewater treatment system.
- Tom Schneider attended the conference of the National Governors Association in Utah. The following week he attended the ITRC Fall Meeting in Texas.
- Donna Bohannon split sampled three private wells. Samples were analyzed for Total Uranium.

**DOCUMENT REVIEWS**

Provided Ohio EPA review and comments on the following: 1) outstanding Geotrans comment from 2005 SER; 2) 2006 SER; 3) OSDF Site Inspection Report.

**MEETINGS**

One or more OFFO staff participated in the following meetings:

Monthly Project Managers conference call; DERR staff meeting; FCA monthly (LH); NGA in Utah (TS); ITRC in Texas (TS); grant fiscal call (TS); NGA call (TS).

## **NOVEMBER 2007**

### **HIGHLIGHTS AND SIGNIFICANT EVENTS**

- Fernald Community Alliance public meeting met on November 5<sup>th</sup>. Aiesha Little, Associate Editor of Cincinnati Magazine, spoke to Donna Bohannon and Laura Hafer about the Fernald Preserve. She is acquiring background information in order to follow the upcoming development of the Fernald Preserve Visitor's Center. Laura followed up by sending her a copy of the *Fernald at 50* booklet and the Fernald timeline.
- Staff made updates to the Fernald Chronology document and Fernald website. While progress continues, a significant effort will be necessary to complete the updates to the Federal Facilities website.
- Laura Hafer and Tom Schneider brought salamanders and gave a wetland presentation to Bellbrook High School Ecology and Biology classes. Approximately 75 students were able to observe Spotted, Tiger and Jefferson salamanders while learning about wetland protection, vernal pools and Ohio's role in the restoration at Fernald.

### **DOCUMENT APPROVAL**

Provided Ohio EPA approval of the following documents: 1) Final Certification Rpt for A6 WPs 1, 2, 3, The Burn Pit, The Clearwell, And the Areas West & North of the WPs.

### **MEETINGS**

One or more OFFO staff participated in the following meetings:  
Monthly Project Managers conference call; DERR staff meeting; FCA monthly (LH,DB); ITRC Rad team call (TS); grant fiscal call (TS); NGA call (TS); STGWG call (TS); meeting with LM Site Manager (TS).

## **DECEMBER 2007**

### **HIGHLIGHTS AND SIGNIFICANT EVENTS**

- Laura Hafer attended the FCA meeting December 3<sup>rd</sup>. Discussions focused on recent events at Fernald, organizational structure, fund raising, trail installation and DOE outreach activities. FCA is pursuing the purchase of a granite or limestone rock to be engraved as the entrance sign. FCA agreed to donate the Fernald Preserve entrance sign after DOE paid for the transfer of oral history interviews from beta tape to DVD.

- The LM quarterly public meeting scheduled for December 5<sup>th</sup> was cancelled due to inclement weather. The agenda was to include an update on the surface water hotspot area near the former Waste Pit 3. It is expected that this will be addressed at the March LM quarterly update.
- Tom Schneider participated in a conference call with USEPA and DOE to answer questions from several representatives of the Springfield Fuels site in the United Kingdom. The Springfield Fuels site is similar to Fernald and is preparing to undergo cleanup. They were looking for our experiences as regulators overseeing the remediation and particularly the siting, construction and operation of the On-Site Disposal Facility. The UK reps had toured Fernald and were meeting with former site employees and members of FRESH throughout the day.
- Laura Hafer and Tom Schneider brought salamanders and gave a wetland presentation to Beaver Creek and Centerville High School Science Olympiad groups. Approximately 50 students were able to observe Spotted, Tiger and Jefferson salamanders while learning about wetland protection, vernal pools and Ohio's role in the restoration at Fernald.
- Ohio EPA staff, Joe Bartozek, Bill Lohner, Donna Bohannon and Laura Hafer, participated in the quarterly site inspection on December 4<sup>th</sup>. Staff inspected the North Woodlot and Paddys Run West. Stoller and Ohio EPA staff met after the inspection to discuss changes to the inspection reporting process.
- Ohio EPA was unable to participate in the December OSDF quarterly inspection due to weather and scheduling delays.
- A bald eagle was spotted at Fernald for several days at the end of December.
- At some point during this quarter Ohio EPA noticed that [www.fernald.gov](http://www.fernald.gov) was no longer available. While much of the information is now contained at <http://www.em.doe.gov/SiteInfo/fernald.aspx>, Ohio EPA finds it unfortunate that easily recognizable and often linked to fernald.gov domain name was not maintained.

## DOCUMENT REVIEWS

Provided Ohio EPA review of the following documents: 1) June 2007 Inspection Checklist for the OSDF; 2) June 2007 Fernald Site Inspection Checklist; 3) Automation of OSDF Valve House Functions (approval)

## MEETINGS

One or more OFFO staff participated in the following meetings: Monthly Project Managers conference call; DERR staff meeting; LM Quarterly (DB, LH); grant fiscal call (TS).