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State of Ohio Environmental Protection Agency

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Ted Strickland, Governor
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Chris Korleski, Director

July 31, 2009

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 April 1, 2009 through June 30, 2009 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

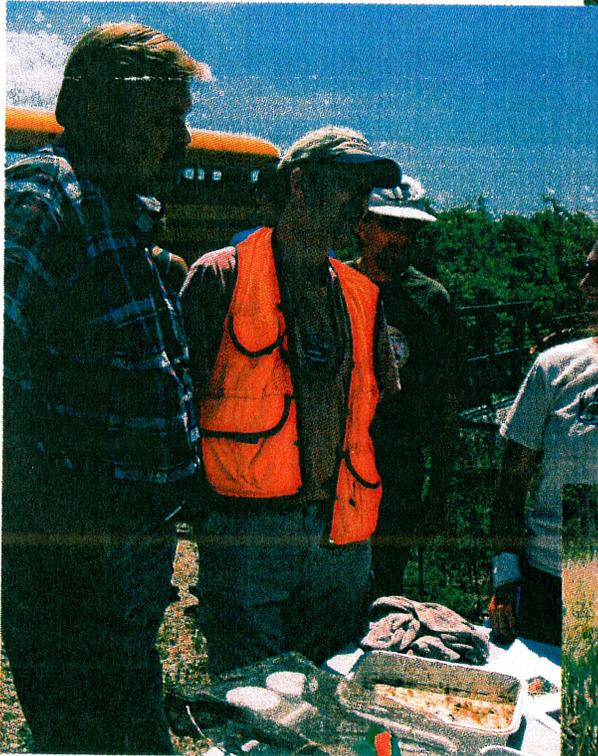


Ohio Environmental Protection Agency
Federal Facilities Group



Fernald Quarterly Report

April, May, June 2009



For the fourth year in a row, Ohio EPA works with Harrison High School senior Ecology and Literature class to teach them about restored wetlands at Fernald.

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

July 31, 2009

**Ohio EPA Office of Federal Facilities Oversight
Cost Recovery Grant Quarterly Report
for the
Third Quarter of FFY09**

APRIL 2009

HIGHLIGHTS AND SIGNIFICANT EVENTS

- Ohio EPA collected private well samples from three residential locations.
- On Thursday, April 23 Ohio EPA staff visited two Harrison HS senior Ecology and Literature classes to present information about the Fernald restoration and wetlands to nearly 100 students. After the presentation the classes rotated through five stations to learn about amphibians, macroinvertebrates and the Ohio Vernal Pool Partnership (OVPP) monitoring program. This classroom visit prepared the students for their May fieldtrip to visit three mitigated wetlands at Fernald and complete the OVPP forms to submit the data to OVPP.org. This is the fourth year for Ohio EPA to host this outreach event at Fernald.
- Laura Hafer had two students job shadow her on April 15th. The two juniors from Bellbrook HS are interested in environmental careers.

MEETINGS

One or more OFFO staff participated in the following meetings: Monthly Project Managers conference call; DERR staff meeting; wetland conf. call; ATSWMO in Columbus; ITRC spring mtg in Cincinnati; LM Quarterly meeting; FCA monthly mtg.

MAY 2009

HIGHLIGHTS AND SIGNIFICANT EVENTS

- Ohio EPA worked with Harrison HS senior Ecology and Literature classes to monitor three mitigated wetlands at Fernald for the Ohio Vernal Pool Partnership (OVPP). Data was collected for the fourth year on these constructed wetlands and submitted to OVPP.org. The students learned about the Fernald history, plant species, macroinvertebrates, amphibians, and other wetland species.
- Ohio EPA assisted with Fernald's first Bioblitz, a 24-hour inventory of species at the Fernald Preserve. Staff participated in sessions on Friday evening and Saturday afternoon where wetlands were monitored for macroinvertebrates and amphibians. The Bioblitz attracted 244 attendees and counted 344 species of organisms.
- Ohio EPA staff from several divisions assisted at Fernald by hosting a wetland exploration station for Ross Middle School students. The 450 students were broken into 10 stations over three days and many agreed that ours was one of the most

interesting of the stations. The students each had dipnets to hunt for wetland wildlife. Findings were examined at the station table and shared with fellow students.

- Laura Hafer gave a presentation about Fernald and the environmental field to a group at South Community Rehabilitation Center in Dayton.

TRAINING

- OSHA 8-hour refresher training (TS, DB, BL, LH)
- Ohio Rapid Assessment Method (ORAM) wetland training (BL)

MEETINGS

One or more OFFO staff participated in the following meetings:
DERR staff meeting; NGA conf. in DC (TS)

JUNE 2009

HIGHLIGHTS AND SIGNIFICANT EVENTS

- Laura Hafer gave an amphibian presentation for Animal Week at Middletown Recreation's day camp.
- Joe Bartoszek left Ohio EPA to take a position with USFWS at Hanford in Washington.
- Ohio EPA staff went to Portsmouth on June 11th to meet their Site Specific Advisory Board, along with FRESH and Fernald Preserve staff to discuss lessons learned in the Fernald cleanup. Tom Schneider gave a presentation to the group with subsequent discussions about the OSDF and balanced approach to waste management.
- The Environmental Council of States (ECOS) hosted a webinar for state presentations of information regarding the siting, construction, operation and maintenance of on-site disposal facilities at Department of Energy cleanup sites. Presentations were given by Missouri, Tennessee, Kentucky and Ohio (Tom Schneider) as well as by Christine Gelles, manager of DOE-HQ waste disposal operations. The forum provided a good opportunity for information sharing among the states and with DOE.
- Ohio EPA participated in the spring OSDF inspection on June 2. Cells 7 and 8 were recently mowed. We walked east/west for this now semi-annual complete walk down of all cells. A puddle of water was noticed on the west side of cell 8. This was noted as an area of concern, since it had not rained recently and there should be no ponding on or around the OSDF. Ohio EPA follow up with a split sample on June 16th resulted in a Total U level of 9.249 µg/L.
- Ohio EPA participated in the quarterly site inspection on June 9th. The area covered was south of the parking lot between the entrance road and Paddys Run.
- On June 16th Donna Bohannon and Bill Lohner inspected the OSDF valve house with Bill Hertle to review LCS and LDS operations. This included an inspection of the AWWT computers that provide information on volumes and flows of the OSDF.

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- Ohio EPA, on behalf of the Fernald NRD trustees, sent out a citizen advisory regarding the scheduled July 8th community meeting addressing the Natural Resource Funds Use Plan that was issued draft by the trustees on June 17th. The plan is a requirement of the 2008 consent decree between DOE and Ohio and will address expenditure of the \$13.75 million settlement fund. DOE was notified this week by telephone that USFWS will likely be withdrawing from the three party MOU regarding the Fernald natural resources.
- Ohio EPA continues discussion with DOE with regards to OSDF sampling parameters and frequency.
- A review of the 2008 Site Environmental Report (SER) shows that DOE continues to comply with the NESHAP air monitoring requirements. Earlier in 2009 Ohio EPA worked with US EPA Division of Air and Radiation to inform DOE of their continuing air monitoring requirements under NESHAP. DOE is required to continue high volume air monitoring for particulate radionuclides until June 20, 2011.

DOCUMENT REVIEW

Provided Ohio EPA review of the following documents: 1) 2008 Site Environmental Report.

MEETINGS

One or more OFFO staff participated in the following meetings:
DERR staff meeting; NRD trustees call (TS); Ports SSAB (BL, TS); ITRC Quality Review call (TS); OSDF monitoring conf. call.