



Department of Energy

Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155



NOV 28 2005

Mr. James A. Saric, Remedial Project Manager  
United States Environmental Protection Agency  
Region V-SRF-5J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0029-06

Mr. Thomas Schneider, Project Manager  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East Fifth Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

**TRANSMITTAL OF THE STATEMENT OF COMPLETION FOR THE AREA 8,  
PHASE III (PADDYS RUN WEST) NATURAL RESOURCE RESTORATION PROJECT**

This letter documents completion of the Area 8, Phase III (A8PIII) Restoration Project at the Fernald Closure Project. A8PIII includes most of the area from the west side of Paddys Run to the western property boundary, and from the railroad tracks south to Willey Road. The A8PIII restoration area encompasses approximately 43 acres.

A8PIII is divided into two areas, A8PIII-North and A8PIII-South. A8PIII-North includes the field along Paddys Run Road between the railroad tracks to the north and the wooded area to the south end of the field. A8PIII-South includes the areas from the Ecological Restoration Park, south to Willey Road. A8PIII-South is further subdivided into the "Substation" and "Willey Road" project areas.

The objectives for the project consisted of the establishment of three new prairies and the expansion of the riparian corridor along the west side of Paddys Run. Restoration work started in the fall of 2003 and was completed in the fall of 2005.

#### Fall 2003

- Installed Willey Road entrance and gravel pad.
- Installed a vernal pool at the base of the slope in the Willey Road field.
- Initiated planting in Willey Road field.
- Cleared honeysuckle on slopes in the Willey Road field and along Paddys Run.

#### Spring/Summer 2004

- Applied herbicide to Substation and Willey Road prairie areas.
- Broke drain tiles in A8PIII-North.

#### Fall 2004

- Applied second application of herbicide to Substation and Willey Road prairie areas.
- Improved access into substation prairie area and lower field.
- Installed deer exclosure fence in Substation area.
- Initiated planting in substation forest area.
- Seeded Substation and Willey Road prairie areas.

#### Spring/Summer 2005

- Installed deer exclusion fence in A8PIII-North beginning April 2005.
- Initiated planting in A8PIII-South (Willey Road and substation) in early April 2005.
- Initiated planting in A8PIII-North in late April 2005.
- Applied herbicide to grasses in A8PIII-North (both inside and outside the deer exclusion fence) beginning in May 2005. Herbicide was applied by employees of TruGreen Chemlawn. A second application was applied to the grasses outside of the deer exclusion fencing in June 2005.
- Completed planting in both A8PIII-North and South in June 2005.
- Seeded A8PIII-North prairie in June 2005.
- Cleared honeysuckle in both A8PIII-North and South in July and August 2005.

#### Changes from original design

- Added vernal pool in Willey Road forest area.
- Shifted planting patches to expand riparian corridor.
- Added a planting patch to existing tree stand in substation prairie area.
- The substation area of A8PIII-south had already been planted with saplings, shrubs and seedlings in the fall of 2004. Planting in that area was to continue in the spring of 2005. However, the area was quite dense with new plantings from the fall. So, 289 of the 423 shrubs and saplings that were supposed to go in the substation were planted in the lower field of the Ecological Restoration Park (Area 8, Phase I) to expand and enhance the riparian corridor in that area.
- The plans for A8PIII-north originally show Patch 5 to be right along the existing tree line of the riparian corridor. However, access to Paddys Run was going to be necessary for construction purposes after planting was completed, so the patch was moved to the west, to allow a corridor for access to Paddys Run.

Mr. James A. Saric  
Mr. Tom Schneider

-3-

DOE-0029-06

Additional work is still required in A8PIII-North and A8PIII-South in the fall of 2005 to prepare the area for final turnover to DOE. Although ordered for the spring, some tree seedlings were not available from the vendor at that time. The seedlings need to be delivered and installed when they are dormant. Therefore, they will be shipped this fall and will be installed in established planting areas in December 2005. Some access points off of Paddys Run Road will be removed. Access controls will be installed at remaining access points to prevent unauthorized vehicle access as part of stewardship infrastructure. All work in Paddys Run West will be complete in December 2005.

Mortality counts for the project area will be conducted next spring/summer (2006). Attached please find two annotated aerial photos, one of A8PIII-North and one of A8PIII-South. Although all requirements of the NRRDP will be completed in December 2005, Fluor Fernald will continue to conduct necessary maintenance in this area until Site Closure.

If you have any questions or require additional information, please contact me at (513) 648-3139.

Sincerely,



Johnny W. Reising  
Director

Enclosure:

cc:

J. Desormeau, DOE-OH/FCP  
B. Kain, DOE/EMCBC  
G. Stegner, DOE-OH  
T. Schneider, OEPA-Dayton (three copies of enclosures)  
G. Jablonowski, USEPA-V, SR-6J  
D. Sarno, FCAB  
F. Bell, ATSDR  
M. Cullerton, Tetra Tech  
M. Shupe, HSI GeoTrans  
R. Vandegrift, ODH  
AR Coordinator, Fluor Fernald, Inc./MS6

cc:

H. Bilson, Fluor Fernald, Inc./MS1  
J. Chiou, Fluor Fernald, Inc./MS88  
F. Johnston, Fluor Fernald, Inc./MS12  
J. Homer, Fluor Fernald, Inc./MS90  
D. Nixon, Fluor Fernald, Inc./MS1  
D. Powell, Fluor Fernald, Inc./MS64  
E. Woods, Fluor Fernald, Inc./MS90





TOTAL AREA = 29.10 AC

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