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FLUOR

Fernald Closure Project
Letter No. C:CPD:2005-0119

Mr. Johnny W. Reising, Director
U. S. Department of Energy
Ohio Field Office – Fernald Closure Project
175 Tri-County Parkway
Cincinnati, Ohio 45246

Dear Mr. Reising:

CONTRACT DE-AC24-01OH20115, TRANSMITTAL OF THE STATEMENT OF COMPLETION FOR THE PADDYS RUN EAST NATURAL RESOURCE RESTORATION PROJECT

This letter documents completion of the Paddys Run East Restoration Project at the Fernald Closure Project. The project area includes the eastern side of Paddys Run from the Silos down to the Southern Waste Units, or Area 2, Phase II (A2PII), and both sides (east and west) of the Storm Sewer Outfall Ditch (SSOD), referred to as Area 2, Phase III [A2PIII] in the Natural Resources Restoration Design Plan for Paddys Run East. The project included approximately 115 acres of restored area.

The objectives of the Paddys Run East Restoration project included the expansion of the riparian corridor on the east side of Paddys Run and along the SSOD. This effort included the removal of approximately 40% of the pines, primarily Austrian pines, in the South Pine Plantation. The cleared areas were then planted with hardwoods to create an upland forest habitat. Several areas within and adjacent to planted areas were seeded with a prairie seed mix.

Restoration work began in the fall of 2004 and was completed in the fall of 2005.

Fall 2004/Winter 2005

- Installed deer fence in areas along SSOD, November 2004 – January 2005.
- Planted (phase I of planting) along SSOD, December 2004 – February 2005.
- Began clearing honeysuckle across Paddys Run East project area in January 2005.
- Removed and chipped trees in South Pines in February 2005.

Spring 2005

- Received seed for project area in March 2005.
- Constructed staging area in A2PII in March 2005.
- Received remaining plant material in March 2005.
- Graded the vernal pools in the South Pines in April 2005.
- Planted remaining plant material along SSOD in April 2005.
- Installed deer exclusion fence in South Pines and A2PII, March – May 2005.
- Planted in A2PII (forested area) in April 2005.
- Planted dormant cuttings and herbaceous plugs in A2PII and South Pines in April 2005.
- Planted in South Pines cleared area in May 2005.
- Seeded South Pines, April – May 2005.

Summer 2005

- Seeded around and along the planted areas of the SSOD, June – July 2005.
- Installed wildlife amenities across the project area in June 2005.
- Watered all areas as needed, April – August 2005.
- Graded former wheel wash wetland basin in July 2005.

Fall 2005

- Seeded wheel wash wetland basin in October 2005.
- Planted seedlings in established planting areas in December 2005.

Deviation from original design

- Added scope to include bank stabilization and seeding within the SSOD stream corridor following remediation, July – August 2005.
- SSOD patch #2 was reduced in size and patch #6 was eliminated to accommodate access to utility poles. Patch #1 was expanded. All excess plants were dispersed among the remaining patches.
- A new access road was required along the east edge of the south pines. Therefore, Prairie Seeding Area A could not be seeded and was eliminated.

Mortality counts and percent coverage will be conducted in summer of 2006 to satisfy the implementation monitoring requirements. Enclosed, please find two annotated aerial photos of the Paddys Run East project area. Although all requirements of the Natural Resource Restoration Design Plan have been completed, Fluor Fernald will continue to conduct necessary maintenance in this area until Site Closure.

Any questions on this matter should be directed to Eric Woods at (513) 478-1547.

Sincerely,

Cornelius M. Murphy
Closure Project Director

CMM:EW:LH:ldt
Enclosure

c: With Enclosure

Helen Bilson, MS 1
John J. Homer, MS 90
Gregg Johnson, MS 60
Frank Johnston, MS 12
Barry Kain, DOE/EMCBC
Uday Kumthekar, MS 88
Joe Desormeau, DOE-OH/FCP
Frank L. Miller, MS 88
Dan Powell, MS 64
Gary Stegner, DOE-OH
Harold Swiger, MS 90
W. Eric Woods, MS 90
DOE Records Center
File Record Subject - Area 8, Phase III (Paddys Run West) NRRDP
Letter Log Copy, MS 1
Project Number 21110.2.22
Administrative Record, MS 6

Without Enclosure

Christina Carr, DOE-OH/FCP
John S. Brown, DOE/EMCBC
Dennis Sizemore, Fluor Fernald, Inc. Prime Contract, MS 1

PADDY'S RUN EAST / A2P2
PROJECT COMPLETION REPORT

LIDAR DATE: SEPTEMBER 2, 2005

PADDY'S RUN EAST / A1P2 & A2P3
PROJECT COMPLETION REPORT

LIDAR DATE: SEPTEMBER 2, 2005

TOTAL ACRES FOR AREA = 42.57 AC.

LEGEND

- DEER EXCLOSURE FENCE
- RIPARIAN EXPANSION PLANTINGS
- PRAIRIE SEEDING AREA

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