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FLUOR

August 4, 2005

Fernald Closure Project
Letter No. C:PROJ:2005-0088

Mr. Johnny W. Reising, Associate 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 STATEMENT OF COMPLETION FOR THE WETLAND MITIGATION PHASE II AND NORTH WOODLOT PROJECT

Reference: 1) Letter, W. Taylor to B. Kurey, J. Saric and T. Schneider, "The Final Wetland Mitigation Phase II Natural Resource Design Plan, and Responses to the U.S. EPA and OEPA Technical Review Comments on the Draft Wetland Mitigation Project Phase II Natural Resource Design Plan," dated December 17, 2003

This letter documents completion of the Wetland Mitigation Phase II Project located in Area 6, Phase I, and the Northern Woodlot Restoration Project located in Area 1, Phase III, Part 1 of the Fernald Closure Project (FCP). The two areas combined cover approximately 122 acres.

The objectives for the project included the creation of a shallow marsh wetland system with surrounding upland habitat over an 8-acre area. Four acres of wetland were to be created as part of the 17.8 acres of wetland, required sitewide, as mitigation for wetlands lost during remediation of the FCP. In the Northern Woodlot, approximately 30 acres of former pasture were to be converted to prairie. Invasive species control was also to be implemented in the Northern Woodlot to remove Bush honeysuckle, Multiflora rose and Russian olive. Field work began in October 2003 and was completed in April 2005.

The sequence of completed restoration activities is provided below:

- Construction mobilization and field work for construction of the wetland basins began in October 2003.
- Mechanical removal of honeysuckle began in December 2003 and continued through early February 2004.
- Construction of the wetland basins was shut down in January 2004 due to poor weather conditions.

- Water levels in the basins were adjusted in late February 2004 per the NRRDP specifications to slowly raise water levels in the basins in the spring of 2004 following completion of grading.
- Began seeding in woodland area in March 2004 with woodland seed mix.
- Construction resumed in April 2004 with the removal of the catchment basin on the east edge of Area 6, Phase I.
- Planted vendor supplied wetland plugs in May 2004. Also transplanted wetland plants and muck from the Area 1, Phase I wetland at that time. Discovered salamander larvae during planting.
- Completed construction of the Area 6, Phase I wetland in May 2004.
- Began seeding in the Area 6, Phase I basins in May 2004 and completed seeding in early June 2004.
- Completed seeding (following disking) in the North Woodlot in June 2004.
- Deer fence installed in North Woodlot in October 2004.
- Planting of required trees and shrubs began in Area 6, Phase I and North Woodlot (inside deer fence) in October 2004.
- Fall planting activities completed in Area 6, Phase I and North Woodlot in December 2004. The total number of saplings planted was 1155 and the total number of shrubs planted was 644.
- Sixteen wildlife structures were installed in March 2005.
- Water levels were slowly raised again in March 2005 to design elevations.
- A small portion of the south berm of basin 3 was repaired in April 2005. The level of the berm was raised and the erosion rill was repaired. The area was seeded and covered with jute matting.

Mortality counts for the project will be conducted this summer (2005). Attached please find an annotated aerial photo of the North Woodlot and Area 6, Phase I Wetland Mitigation Phase II Project. Although the requirements of the NRRDP 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 me at (513) 738-2834 or Eric Woods at (513) 478-1547.

Sincerely,

Jyh-Dong Chiou, Project Manager
Environmental Closure Project

JDC:EW:LM:ldt

Enclosure

c: With Enclosure

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Bill Zebick, MS 60
DOE Records Center
File Record Subject
Letter Log Copy, MS 1
Project Number 20911.2.22
Administrative Record, MS 78

Without Enclosure

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NORTH WOODLOT / A6P1 WETLAND MITIGATION
PROJECT COMPLETION REPORT

LIDAR DATE: MAY 17, 2005