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FLUOR

October 18, 2006

Fernald Closure Project
Letter No. C:CPD:2006-0205

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 NATURAL RESOURCE RESTORATION STATEMENT OF COMPLETION FOR FORMER PRODUCTION AREA PHASE II

This letter documents the Statement of Completion for Phase II of the Former Production Area (FPA) Natural Resource Restoration Project at the Fernald Closure Project. The FPA includes all of the former production and administration areas at the site, including the storm water retention basins (SWRB). The portions discussed in this Statement of Completion include all or part of the following Declaration Areas (DA): 4BPI, 5PI, 6PI, 6III, 7(3), 7(4), 7(5) and 7(6). Figure 1 (attached) shows the northern areas listed above (DA 6PI and 6III). Figure 2 (attached) shows the remaining areas.

The objectives for the FPA restoration involved the establishment of wetland and open water areas surrounded by upland prairie. All areas required extensive grading, the addition of soil amendments and seeding. Several wetland shrub patches were strategically placed in Area 4B for increased diversity and wildlife habitat (Figure 2). Wildlife amenities include a fox den in Area DA 6PI, as well as brush and stones that were added as substrate in several open water areas.

The FPA restoration was conducted in accordance with the following:

- Former Production Area Natural Resource Restoration Design Plan (NRRDP)
- Silos Area NRRDP (includes a portion of DA 6III)
- Grading plan for Area 4B
- Grading plan for Area 6 (FPA), MDC 1st Street and 2nd Street, and Area 5

In addition to the NRRDPs and grading plans listed above, several areas were restored without formal submittal of a design plan. DA 7(3), 7(4), 7(5) and a portion of 7(6) were instead graded and seeded using the following criteria: create wetlands where possible, ensure slopes are 5:1 where possible, and seed with native grasses and forbs.

Most areas were restored in the summer and fall of 2006. A portion of Area 4B was restored in 2005.

Deviations from Designs:

- The final grade was modified in DA 5PI area in order to maximize wetland and open water acreage
- The final grade in DA 7(3) was modified to create a more natural drainage pattern into Area DA 4BPI
- Planting patches in DA 4BPI were adjusted to account for increased open water acreage
- The final grade in Area DA 6III was modified in order to maximize wetland acreage

Mortality counts and herbaceous cover estimates for the project area will be conducted in late summer of 2007. Necessary maintenance and monitoring in these areas following Site Closure will be conducted by DOE.

Any questions on this matter should be directed to Jyh-Dong Chiou at (513) 738-2834 or John Homer at (513) 484-2313.

Sincerely,

Cornelius M. Murphy
Closure Project Director

CMM:JDC:JH:ldt

Enclosure

c: With Enclosure
Timothy L. Jones, DOE Contracting Officer, DOE/EMCBC
Joe Desormeau, DOE-OH/FCP
John Homer, MS12
Frank Johnston, MS12
Timothy L. Jones, DOE Contracting Officer, DOE/EMCBC
Melissa Lutz, Stoller, Weldon Spring
Garner Powell, MS60
Harold Swiger, MS12
Tammy Terry, MS1
DOE Records Center
File Record Subject – Former Production Area
Letter Log Copy, MS1
Project Number 20600.2.22
Administrative Record (w/2 copies of enclosure), MS6

Without Enclosure
Jyh-Dong Chiou, MS88
Reinhard Friske, MS60
Uday Kumthekar, MS88
Lisa McHenry, MS12
Donna Metzler, Stoller, MS2
Dennis Sizemore, Fluor Fernald, Inc. Prime Contract, MS1
Gary Stegner, DOE/OH

Figure 1

Former Production Area Phase II
Natural Resource Restoration Completion Report

SEPTEMBER 9, 2006 PHOTO

LEGEND

------ DECLARATION AREAS

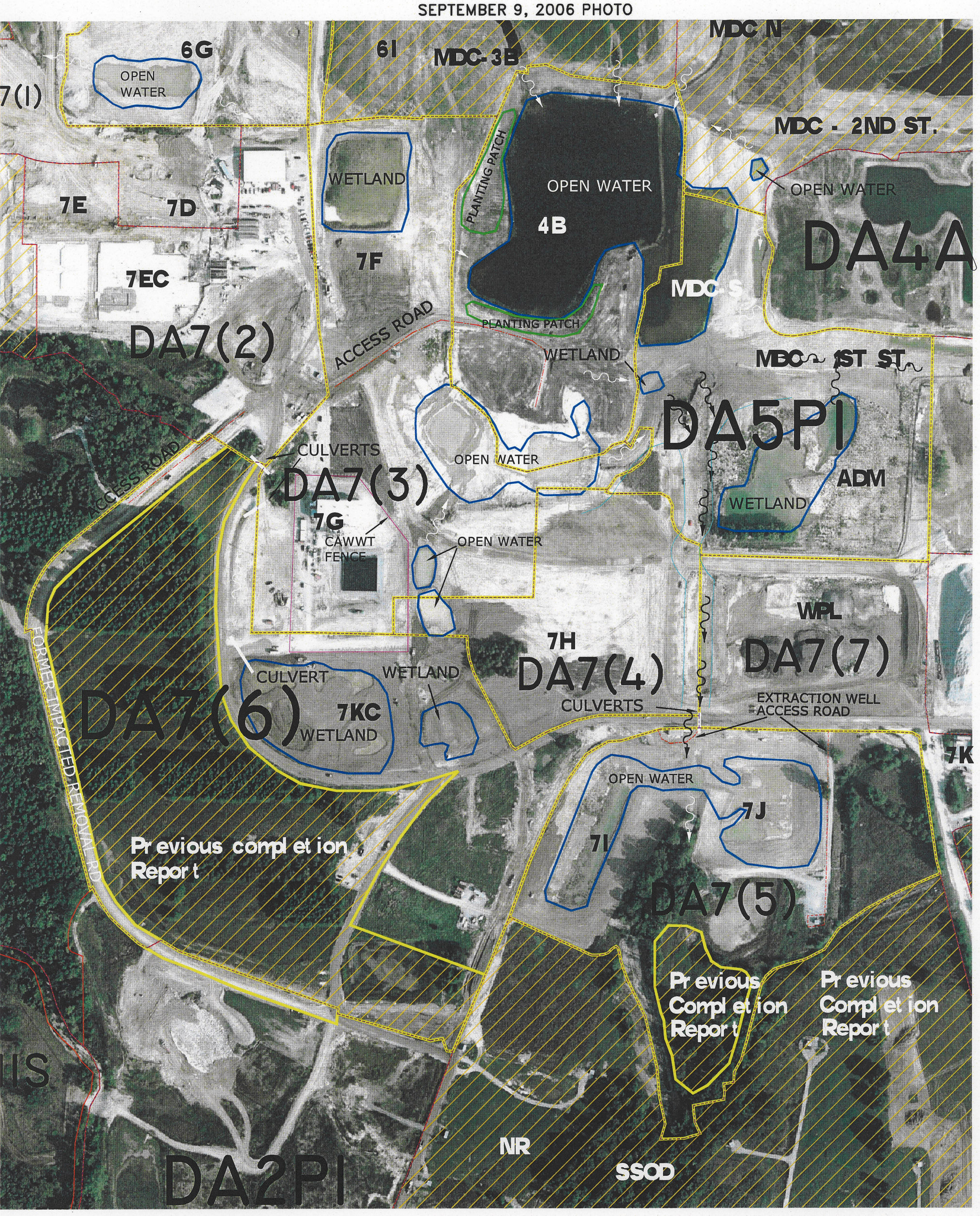
——— FPA COMPLETION REPORT AREAS

TECUMSEH SURVEYING, INC.
4948 CINCINNATI-BROOKVILLE ROAD SHANDON, OHIO 45013
TELEPHONE: 513 738-2134, FAX: 513 738-2758

Figure 2

Former Production Area Phase II
Natural Resource Restoration Completion Report

SEPTEMBER 9, 2006 PHOTO



LEGEND

------ DECLARATION AREAS

FPA COMPLETION REPORT AREAS

FOOTPRINT OF DRAINAGE COORIDOR

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