

## Department of Energy

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OCT 01 2012

Mr. Todd Mullins, FFA Manager  
Kentucky Department for Environmental Protection  
Division of Waste Management  
200 Fair Oaks Lane, 2<sup>nd</sup> Floor  
Frankfort, Kentucky 40601

PPPO-02-1592030-12B

Ms. Jennifer Tufts  
U.S. Environmental Protection Agency, Region 4  
61 Forsyth Street  
Atlanta, Georgia 30303

Dear Mr. Mullins and Ms. Tufts:

**TRANSMITTAL OF THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION  
REPORT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH,  
KENTUCKY (DOE/LX/07-0358&D2)**

References:

1. Letter from J. Tufts to R. Knerr, "Comments on the Soils Operable Unit Remedial Investigation Report at the Paducah Gaseous Diffusion Plant (DOE/LX/07-0358&D1)," dated January 17, 2012
2. Letter from A. Webb to R. Knerr, "Comments on the Soils Operable Unit Remedial Investigation Report at the Paducah Gaseous Diffusion Plant (DOE/LX/07-0358&D1)," dated December 12, 2011

Enclosed is the certified D2 *Soils Operable Unit Remedial Investigation Report at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/LX/07-0358&D2, document for your review and approval. The referenced document incorporates comments received from the Kentucky Department for Environmental Protection (KDEP) on December 12, 2011; the U.S. Environmental Protection Agency (EPA) on January 17, 2012, and additional comments/clarifications received during comment resolution meetings held March – June 2012. Included also in this transmittal are a redline version of the document, EPA comment response summary (CRS), KDEP CRS, and a summary of unsolicited changes.

If you have any questions or require additional information, please contact Lisa Santoro at (270) 441-6804.

Sincerely,



Rachel H. Blumenfeld  
Acting Paducah Site Lead  
Portsmouth/Paducah Project Office

Enclosures:

1. Certification Page
2. Soils Operable Unit Remedial Investigation Report
3. Redline Soils Operable Unit Remedial Investigation Report
4. Response Summary for EPA Comments
5. Response Summary for KDEP Comments
6. Summary of Unsolicited Changes

e-copy w/enclosures:

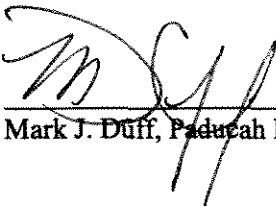
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**CERTIFICATION**

**Document Identification:**     ***Soils Operable Unit Remedial Investigation Report at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/LX/07-0358&D2***

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LATA Environmental Services of Kentucky, LLC

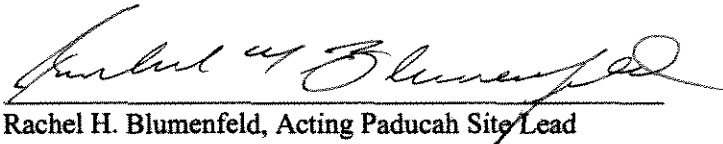


Mark J. Duff, Paducah Project Manager

10-1-12  
Date Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

U.S. Department of Energy



Rachel H. Blumenfeld, Acting Paducah Site Lead  
Portsmouth/Paducah Project Office

10-1-12  
Date Signed