

**MEMORANDUM OF AGREEMENT FOR RESOLUTION**  
**of Informal Dispute for the D2 Revised Proposed Plan for Volatile Organic Compound**  
**Contamination at the C-400 Cleaning Building at the Paducah Gaseous Diffusion Plant,**  
**Paducah, Kentucky**  
**(DOE/LX/07-1263&D2)**

The undersigned agree that the Informal Dispute invoked by the U.S. Department of Energy (DOE) in the letter to the U.S. Environmental Protection Agency (EPA) and Kentucky Department for Environmental Protection (KDEP), dated June 4, 2013, is hereby resolved. The resolution documents DOE's commitment to perform a treatability study for steam enhanced extraction prior to amended remedy selection at C-400 Cleaning Building Phase IIb and establishes the following milestones including submittal dates for Primary Documents in support of the treatability study.

Milestones	Due Dates <sup>1</sup>		
D1 Treatability Study Work Plan (TSWP)	10/21/2013		
	EPA/KDEP Review of D1 TSWP	30 calendar days	10/22/13 – 11/20/13
	EPA/KDEP Review of D2 TSWP	30 calendar days	1/21/14 – 2/19/14
D1 Treatability Study Design	2/3/2014		
	EPA/KDEP Review of D1 Design	14 calendar days	2/4/14 – 2/17/14
	1 <sup>st</sup> On-board Review by FFA Parties	2 full working days	2/18/14 – 2/19/14
	2 <sup>nd</sup> On-board Review by FFA Parties	2 full working days	3/6/14 – 3/7/14
	EPA/KDEP Review of D2 Design	14 calendar days	4/8/14 – 4/21/14
Construction Start	9/1/2014		
D1 Treatability Study Report	181 calendar days from completion of treatability study data collection		
	EPA/KDEP Review of D1 TS Report	30 calendar days	TBD
	EPA/KDEP Review of D2 TS Report	30 calendar days	TBD
Revised Proposed Plan	110 days after approval of the Treatability Study Report		

<sup>1</sup> Per agreement of the FFA parties, some durations and approaches for EPA and KDEP document reviews and DOE document development deviate from the standard timeframes and approaches defined in the FFA. As further agreed to by the FFA parties, milestones due dates reflect non-working holiday durations during the Thanksgiving, Christmas, and New Year holidays due to availability of the FFA parties.

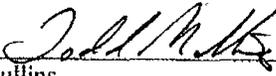
<sup>2</sup> Submittal of the D1 Treatability Study Design assumes a design-bid-build approach.

<sup>3</sup> Construction start assumes approval of the D2 Treatability Study Design no later than April 21, 2014.

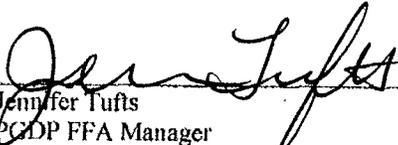
For the purpose of this agreement, the Federal Facility Agreement (FFA) Managers' have agreed to treat the Treatability Study Work Plan, Treatability Study Design, and Treatability Study Report as primary documents for dispute purposes.

Signature of this Agreement constitutes the FFA Managers' agreement and approval to modify Appendix C and Appendix G of the Paducah Gaseous Diffusion Plant FFA in accordance with Section XXXIX to incorporate the above agreed-to milestones. All parties agree that this is a minor modification to the FFA.

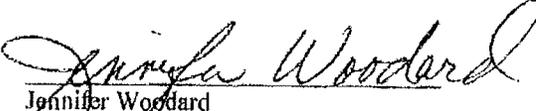
Nothing in this Memorandum of Agreement modifies the FFA Conditions (e.g., related to review and comment on Primary Documents, Extension Requests, and Dispute Resolution) except as specifically stated above. Failure to abide by the terms of the Agreement may result in one or more of the parties taking any action authorized under the FFA.

  
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Todd Mullins  
PGDP FFA Manager  
Division of Waste Management  
Kentucky Department for Environmental Protection

10-25-13  
Date

  
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Jennifer Tufts  
PGDP FFA Manager  
U.S. Environmental Protection Agency, Region 4

10/28/13  
Date

  
\_\_\_\_\_  
Jennifer Woodard  
PGDP FFA Manager  
DOE Portsmouth/Paducah Project Office

10/25/2013  
Date