



Department of Energy

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APR 30 2010

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U.S. Environmental Protection Agency, Region 4
Federal Facilities Branch
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Atlanta, Georgia 30303

PPPO-02-519-10

Ms. April Webb
Kentucky Department for Environmental Protection
Division of Waste Management
200 Fair Oaks Lane, 2nd Floor
Frankfort, Kentucky 40601

Mr. Edward Winner, FFA Manager
Kentucky Department for Environmental Protection
Division of Waste Management
200 Fair Oaks Lane, 2nd Floor
Frankfort, Kentucky 40601

Dear Mr. Ballard, Ms. Webb, and Mr. Winner:

**U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT
FEDERAL FACILITY AGREEMENT SEMIANNUAL PROGRESS REPORT FOR THE
FIRST HALF OF FISCAL YEAR 2010, PADUCAH, KENTUCKY**

Please find enclosed *U.S. Department of Energy (DOE) Paducah Gaseous Diffusion Plant Federal Facility Agreement Semiannual Progress Report for the First Half of Fiscal Year 2010, Paducah, Kentucky*, DOE/LX/07-0345/V1. The enclosed report is required by Sections XXIII and XXXII of the Paducah Site Federal Facility Agreement (FFA) and Part IV of the Resource Conservation and Recovery Act Permit.

If you have any questions or require additional information, please contact David Dollins at (270) 441-6819.

Sincerely,

A handwritten signature in black ink, appearing to read "Reinhard Knerr".

Reinhard Knerr
Paducah Site Lead
Portsmouth/Paducah Project Office

cc w/enclosure:
AR File/Kevil

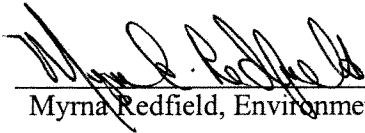
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CERTIFICATION

Document Identification: *U.S. Department of Energy Paducah Gaseous Diffusion Plant,
Federal Facility Agreement Semiannual Progress Report for
the First Half of Fiscal Year 2010, Paducah, Kentucky,
DOE/LX/07-0345/V1*

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 assure 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.

Paducah Remediation Services LLC

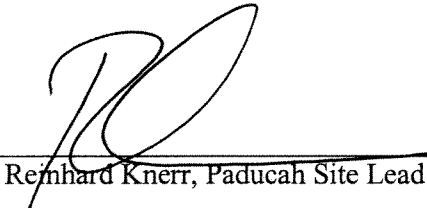


Myrna Redfield, Environmental Monitoring/Restoration Deputy

4/30/10
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 assure 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 (DOE)

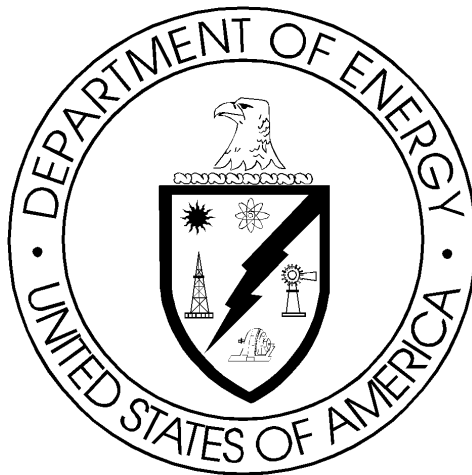


Reinhard Knerr, Paducah Site Lead

4/30/10
Date Signed

**DOE/LX/07-0345/V1
Secondary Document**

**U.S. Department of Energy
Paducah Gaseous Diffusion Plant
Federal Facility Agreement
Semiannual Progress Report for the
First Half of Fiscal Year 2010
Paducah, Kentucky**



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**U.S. Department Of Energy
Paducah Gaseous Diffusion Plant
Federal Facility Agreement
Semiannual Progress Report for the
First Half of Fiscal Year 2010
Paducah, Kentucky**

Date Issued—April 2010

Prepared for the
U.S. DEPARTMENT OF ENERGY
Office of Environmental Management

Prepared by
PADUCAH REMEDIATION SERVICES, LLC
managing the
Environmental Management Activities at the
Paducah Gaseous Diffusion Plant
under contract DE-AC30-06EW05001

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ACRONYMS

AM	Action Memorandum
AOC	area of concern
ARRA	American Recovery and Reinvestment Act
BGOU	Burial Grounds Operable Unit
BHHRA	baseline human health risk assessment
BRA	baseline risk assessment
CAB	Citizens Advisory Board
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CRP	Community Relations Plan
D&D	decontamination and decommissioning
DOE	U.S. Department of Energy
EE/CA	Engineering Evaluation/Cost Analysis
EPA	U.S. Environmental Protection Agency
EQ	equalization
ERH	electrical resistance heating
EW	extraction well
FFA	Federal Facility Agreement
FS	Feasibility Study
FFS	Focused Feasibility Study
FY	fiscal year
GWOU	Groundwater Operable Unit
IRA	Interim Remedial Action
KRCEE	Kentucky Research Consortium for Energy and Environment
NEPCS	Northeast Plume Containment System
NWP	Northwest Plume
NWPGS	Northwest Plume Groundwater System
O&M	operation and maintenance
PCB	polychlorinated biphenyl
PGDP	Paducah Gaseous Diffusion Plant
ppb	parts per billion
PRS	Paducah Remediation Services, LLC
RACR	Remedial Action Completion Report
RAWP	Removal Action Work Plan
RDWP	Remedial Design Work Plan
RDR	Remedial Design Report
RGA	Regional Gravel Aquifer
RI	remedial investigation
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SER	Site Evaluation Report
SMP	Site Management Plan
SOU	Soils Operable Unit
SST	Swift and Staley Mechanical Contractors, Inc.
SWMU	solid waste management unit
SWOU	Surface Water Operable Unit
⁹⁹ Tc	technetium-99
TCE	trichloroethene

VOC
WAG

volatile organic compound
waste area group

INTRODUCTION

FEDERAL FACILITY AGREEMENT SEMIANNUAL REPORT FISCAL YEAR 2010

Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010

As specified by the Paducah Federal Facility Agreement (FFA), Section XXIII, the U.S. Department of Energy (DOE) has prepared this regulatory progress report that describes the actions that DOE has taken during the previous six months to implement FFA requirements. This report also describes the schedules¹ for the upcoming six months. Activities that have taken place after the reporting period closed are not included in this report.

Projects and activities reported within this update are grouped similarly to the organization presented in the current Site Management Plan (SMP). Those projects are listed below in Table 1.

Table 1. Operable Units and Corresponding Report Topics

Operable Unit	Project/Activities
Groundwater Operable Unit	C-400 Interim Remedial Action Southwest Plume Sources Interim Remedial Action Dissolved-Phase Plumes Remedial Action Northeast Plume Interim Remedial Action Northwest Plume Interim Remedial Action
Burial Grounds Operable Unit	Burial Grounds Operable Unit Solid Waste Management Unit (SWMU) 4
Surface Water Operable Unit	Removal Action Remedial Action
Soils Operable Unit	Remedial Action Soils Inactive Facilities Soil and Rubble Areas
Decontamination and Decommissioning Operable Unit	C-410/420 Complex C-746-A East End Smelter and C-340 Metals Reduction Plant Complex
Comprehensive Site Operable Unit ²	No Projects
Additional Reporting	Waste Area Groups 1 and 7 Community Relations Plan Site Management Plan Comprehensive Environmental Response, Compensation, and Liability Act Waste Disposal Alternatives Evaluation

¹ Schedules are included for information and planning purposes only; enforceable schedules are established in the FFA.

² The Comprehensive Site Operable Unit work scope, including gaseous diffusion plant shutdown, is defined more clearly in the fiscal year 2010 SMP.

Within this report, Appendix A contains Water Withdrawal Reports, and Appendix B contains Figures 1 through 7, as referenced in the Northeast and Northwest Plume updates.

C-746-K Landfill groundwater monitoring data, which should have been included as Appendix C of the Semiannual Progress Report for the Second Half of Fiscal Year (FY) 2009, reporting dates April 1, 2009, through September 30, 2009, were not available for the October 2009 submittal and are included in this report.

C-746-K Landfill groundwater monitoring data for reporting dates October 1, 2009, through March 31, 2010, data normally included as Appendix C of this report were not available in time for inclusion with this report. This data will be included in the next semiannual report scheduled for October 2010. Sampling of these monitoring wells is outlined in the Record of Decision (ROD) for Waste Area Groups (WAGs) 1 and 7.

As required by the Paducah FFA (Section XXXII.F), updates to the Administrative Record index since the last progress report are included as Appendix D.

**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

**Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT

The scope of the Groundwater Operable Unit (GWOU) includes investigation, a baseline risk assessment (BRA), evaluation of removal/remedial alternatives, and selection and implementation of actions necessary to achieve protection of human health and the environment from exposure to groundwater contamination that could result in unacceptable risk.

Within the GWOU are these projects: C-400 Interim Remedial Action (IRA), Southwest Plume Sources, Dissolved-Phase Plumes, Northeast Plume IRA, and Northwest Plume (NWP) IRA. Supporting projects in the GWOU include the update and revision of the *Methods for Conducting Risk Assessments and Risk Evaluations at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, Volume 1, *Human Health*, DOE/OR/07-1506/V1&D2, and the Sitewide Numerical Groundwater Model, which are included in the Dissolved-Phase Plumes update.

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**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

**Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT PROJECT: C-400 IRA

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- Completed the construction of the aboveground soil vapor groundwater treatment system.
- Completed the abandonment of the six-phase treatability study wells near the northwest corner of the C-400 Cleaning Building.
- Completed removal of interfering infrastructure at the C-400 Cleaning Building area in preparation for installation of Phase II of the C-400 IRA systems to the extent practicable.
- Began system testing and start up to include completion of cold/hot commissioning for Phase I of the C-400 IRA.
- Began commercial operation of the C-400 IRA on March 29, 2010.
- Received approval of the D2/R2 C-400 Remedial Action Work Plan from U.S. Environmental Protection Agency (EPA) and Kentucky.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Develop and issue operating procedures for C-400 IRA commercial operations.
- Continue commercial operation for C-400 IRA.
- Initiate drilling and installation of Phase II Electrical Resistance Heating (ERH) components. Previously scheduled for February 5, 2010, now scheduled for July 31, 2010.
- Engineering evaluation of potentially removing another portion of the remaining crane footer/wall to facilitate installation at Phase II wells is being investigated as part of the Phase II layout.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the GWOU belongs to Paducah Remediation Services, LLC, (PRS) as the DOE prime remediation contractor at the Paducah Gaseous Diffusion Plant (PGDP). In addition, PRS also provides programmatic and technical support, analytical services, and business management services. Swift and Staley Mechanical Contractors, Inc., (SST) manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The requirements are being met for the GWOU C-400 action subproject; however, project field implementation is significantly behind the original planned baseline schedule, as described in Section VI below.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- D2/R2 Remedial Action Work Plan for the C-400 IRA under review by EPA and Kentucky. Kentucky issued conditional concurrence on the Waste Management Plan (WMP) section of the document pending a response from DOE (PPPO-02-678-09) on February 5, 2010, that was provided; Kentucky approved the D2/R2 on February 17, 2010.

B) Due dates for completion of review/modification tasks:

- Not applicable.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Drilling and installation activities for subsurface ERH equipment, as well for construction of the aboveground treatment system, took longer than initially planned and, as a result, start-up, testing, and commencement of operations of the ERH and aboveground treatment system are projected to be approximately six months behind the current baseline schedule. The drilling schedule was impacted negatively by severe winter weather and by unexpected equipment problems with one of the two drill rigs mobilized to the site. Installation of electrode borings, which required the drilling of 12-inch borings to as deep as 95 ft, took longer than anticipated.

Longer working hours and weekend shifts were employed where it was appropriate and safe to mitigate schedule slippage.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site Citizens Advisory Board (CAB), FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for operation and maintenance (O&M), if appropriate:

None.

**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

**Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT PROJECT: Southwest Plume Sources

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- DOE received comments on the D1 Focused Feasibility Study (FFS) for the Southwest Groundwater Plume Volatile Organic Compound (VOC) Sources from EPA and Kentucky on October 8 and October 7, 2009, respectively. Responses to comments and a D2 FFS were submitted to EPA and Kentucky on January 20, 2010.
- DOE received comments on the D2 FFS for the Southwest Groundwater Plume VOC Sources from Kentucky and EPA on February 22 and March 12, 2010, respectively.
- DOE submitted a D1 Proposed Plan for the Southwest Groundwater Plume VOC Sources project to EPA and Kentucky on March 2, 2010.
- DOE received comments on the D1 Proposed Plan for the Southwest Groundwater Plume VOC Sources project from EPA and Kentucky on March 16, and March 18, 2010, respectively.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Respond to comments from EPA and Kentucky on the D2 FFS for the Southwest Plume Sources.
- Prepare and issue a D2/R1 FFS for the Southwest Plume Sources to EPA and Kentucky.
- Prepare and submit a D2 Proposed Plan for the Southwest Plume Sources to EPA and Kentucky.
- Hold a public comment period for the Proposed Plan for the Southwest Groundwater Plume VOC Sources.
- Prepare and submit a D1 ROD for the Southwest Groundwater Plume VOC Sources.
- Prepare and submit a D1 Remedial Design Work Plan (RDWP) for the Southwest Groundwater Plume VOC Sources.
- Prepare and submit a D1 Remedial Design Site Investigation Work Plan for the Southwest Groundwater Plume VOC Sources.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the GWOU belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management services. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

All FFA parties are in agreement with the existing project schedule as reflected in the Site Management Plan FY 2010. Southwest Plume Sources milestones have been realigned consistent with the informal dispute resolution dated March 24, 2008, and SMP negotiations.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- D2 and D2/R1 FFS for the Southwest Plume Sources is in preparation.
- D1 and D2 Proposed Plan for the Southwest Plume Sources is in preparation.
- D1 ROD is in preparation.
- D1 RDWP is in preparation.
- D1 Remedial Design Site Investigation Work plan is in preparation.

B) Due dates for completion of review/modification tasks:

- DOE must respond to receipt of conditional concurrence on the D2 FFS by EPA and Kentucky or invoke informal dispute by April 11, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Receipt of conditional concurrence on the D2 FFS by EPA and Kentucky has resulted in delays to schedule and cost increase due to the need to reissue a D2/R1.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

**Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT PROJECT: Dissolved-Phase Plumes

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- Continued to respond to regulator comments on D1 Human Health and Ecological Risk Methods document.
- Prepared and issued the 2008 Update to the Sitewide Groundwater Flow Modeling report.
- Initiated the Dissolved-Phase Plumes Remedial Investigation (RI) Work Plan Scoping on March 30, 2010.
- Initiated preparation of a Biodegradation/Enhanced Attenuation Report based on Kentucky Research Consortium for Energy and Environment (KRCEE's) trichloroethene (TCE) degradation analysis.
- Conducted sitewide dissolved oxygen profiling and collection of samples for enzyme analysis in support of KRCEE TCE degradation analysis.

II. Schedule of activities during upcoming reporting period (including projected work/crucial phases of construction):

- Complete preparation and issue a Biodegradation/Enhanced Attenuation Report based on KRCEE's TCE degradation analysis.
- Continue scoping process for Dissolved-Phase Plume RI Work Plan.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the GWOU belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management services. SST manages the Administrative Record and the Environmental Information Center.

KRCEE has been assigned the task of facilitating the TCE degradation analysis with support from the TCE Technical Degradation Working Group, which is comprised of representatives from DOE, EPA, Kentucky, PRS, and Performance Results Corporation.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The Dissolved-Phase Plume project is proceeding with planned scope by utilizing an interagency TCE Technical Degradation Working Group.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- None.

B) Due dates for completion of review/modification tasks:

- Not applicable.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

None.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

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Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT PROJECT: Northeast Plume IRA

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

During this reporting period, the Northeast Plume Containment System (NEPCS) treated 44,389,000 gal of contaminated groundwater and achieved an operational efficiency of 100%. The average system treatment rate for the reporting period was 169.4 gal/min and was calculated assuming 100% operational uptime. Operational efficiencies for the reporting period were as follows: October, 100%; November, 100%; December 2009, 100%; January, 100%; February, 100%; and March 2010, 100%.

A) Process Operations

The NEPCS consists of two extraction wells, an underground equalization (EQ) tank, transfer piping, a cooling tower for air stripping, and monitoring well network.

B) Process Testing

Operation of the NEPCS began February 28, 1997. As of March 31, 2010, the NEPCS has processed a total of 1,069,581,907 gal of water. The monthly withdrawal volumes this reporting period are presented in Appendix A, Table 1, of this report. This table includes a summary of the withdrawn water volumes and average daily rates.

C) NEPCS Influent, Effluent, and Extraction Well Testing

Due to sample analysis time and the data assessment process, the analytical data included in this report lags operational data by three months. This report presents analytical data from July through December 2009.

Influent sample results, compared to the effluent (cooling tower shower) sample results, indicated that TCE was effectively removed below the operational goal of 5 parts per billion (ppb). The influent flow is a composite from two extraction wells (EWs). Influent TCE analytical data from 1997 through the end of December 2009 are presented in Appendix B, Figure 1. Environmental samples were collected monthly from the treatment system influent and effluent for the period of July through December 2009. High, low, and average influent and effluent TCE concentrations for these months are presented in Table 2. Values reported as less than the reporting limit of 1 ppb are considered to be 1 ppb for averaging and graphing purposes.

Table 2. TCE Concentrations for Northeast Plume

	TCE (ppb)		
	High	Low	Average
Influent (EQ Tank)	210	160	184
Effluent (Cooling Tower effluent)	< 1	< 1	< 1

As presented in Table 2, the NEPCS continued to remove TCE effectively. The system operated with an average removal efficiency of 100% for TCE. All effluent TCE samples showed less than the reporting limit.

The extraction wells were sampled quarterly during this reporting period. The results of the sampling showed no significant change in TCE levels since the last reporting period. Extraction well EW331 had an average TCE concentration of 160 ppb, while EW332 had an average concentration of 200 ppb.

Concentrations of technetium-99 (⁹⁹Tc) in water samples collected from the EQ tank did not exceed the data quality objective of 50 pCi/L. The highest reading from the EQ tank was 25.6 pCi/L.

D) Maintenance Activities

Routine Maintenance Activities

Daily, monthly, quarterly, and annual routine maintenance activities were conducted in accordance with the *Paducah Plume Operations Maintenance, Calibration, and Testing Plan*, PRS-ENM-001, January 2008.

Instances of downtime occurred during the reporting period relating to power outages, routine maintenance, and calibration of system components.

Nonroutine Maintenance Activities

None.

E) Effectiveness Monitoring—Monitoring Well Results

Figures 2a, 2b, 2c, 2d, and 2e presented in Appendix B, show TCE concentrations and ⁹⁹Tc activities in monitoring wells downgradient and upgradient and the extraction wells. Figure 3, included in Appendix B, shows locations of the monitoring wells and extraction wells.

MW292 is located approximately 1,200 ft upgradient of the pumping wells to provide an early detection point for ⁹⁹Tc migration. During the third and fourth quarters of calendar year 2009, ⁹⁹Tc activity at MW292 was 47.5 and 33.5 pCi/L, respectively.

F) Modification of the NEPCS Operations or Configuration

No modifications were made to the NEPCS operation or configuration during the reporting period.

II. Schedule of activities during upcoming reporting period (including projected work/crucial phases of construction):

- The project team will continue to conduct and document the necessary tasks required for equipment maintenance, calibration, and operations, as specified within the *Operations and Maintenance Plan for the Northeast Plume Containment System Interim Remedial Action at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/OR/07-1535&D3.
- Develop criteria for putting the Northeast Plume extraction system on standby in accordance with the goals of the ROD and the recommendations of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the NEPCS belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management services. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The effluent concentration goal of 5 ppb for TCE was met during the reporting period. The NEPCS remained operational 100% of the time during this reporting period.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

None.

B) Due dates for completion of review/modification tasks:

None.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

No future operational problems or delays are anticipated.

VII. Summary of all contacts with local community, public interest groups, or state government:

None.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Actual costs for O&M of the Northwest/Northeast Plume facilities are tracked jointly. The total operating cost for the reporting period was \$266,000.

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**FEDERAL FACILITY AGREEMENT
SEMIANNUAL REPORT
FISCAL YEAR 2010**

**Facility: Paducah Gaseous Diffusion Plant
Plant EPA I.D. No.: KY8-890-008-982
Reporting Period: 10/01/2009-3/31/2010**

GROUNDWATER OPERABLE UNIT PROJECT: Northwest Plume IRA

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

During this reporting period, the Northwest Plume Groundwater System (NWPGS) treated 53,040,120 gal of contaminated groundwater with an average monthly operational efficiency of 99.75%. The average system treatment rate for the reporting period was 202.4 gal/min and was calculated assuming 100% operational uptime. Operational efficiencies for the reporting period were as follows: October, 98.5%; November, 100%; December 2009, 100%; January, 100%; February, 100%; and March 2010, 100%.

In response to recommendations contained in the CERCLA Five-Year Review, construction activities for the Northwest Plume (NWP) IRA Optimization commenced in March 2010. The project team began drilling and installation of two EWs in the vicinity of the existing south well field. When these new wells, EW232 and EW233, are operational, they will supplant the existing EWs for recovery of TCE contaminated groundwater from the NWP.

A) Process Operations

The NWPGS consists of two EW fields (each field has two EWs), for a total of four wells, underground pipeline, treatment facility, and monitoring well network.

B) Process Testing

Operation of the NWPGS began on August 28, 1995. As of March 31, 2010, the NWPGS has processed a total of 1,464,507,537 gal of water. The monthly withdrawal volumes for the reporting period are presented in Appendix A, Table 2, of this report. This table includes a summary of the withdrawn water volumes and average daily rates.

C) NWPGS Influent, Effluent, and Extraction Well Testing

Due to sample analysis time and the data assessment process, the analytical data included in this report lags operational data by three months. This report presents analytical data from July through December 2009.

The influent sample results, compared to the NWPGS effluent results, indicated that the NWPGS continues to effectively remove TCE and ⁹⁹Tc. Influent and effluent TCE and ⁹⁹Tc analytical data are presented in Appendix B on Figures 4a, 4b, 5a, and 5b, respectively.

TCE values reported as less than the reporting limit of 1 ppb are considered to be 1 ppb for averaging and graphing purposes. High, low, and average influent and effluent TCE and ⁹⁹Tc concentrations from July through December 2009 are presented in Table 3.

Table 3. TCE and ⁹⁹Tc Concentrations for Northwest Plume

	TCE (ppb)			⁹⁹ Tc (pCi/L)		
	High	Low	Average	High	Low	Average
Influent	2,600	1,200	1,794	321	49	237.3
Effluent	2.9	1.0	2.2	44.8	0.27	23.6

The treatment system influent, a composite from four EWs, was sampled weekly, and the effluent was sampled daily during this reporting period. As presented in Table 3, the NWPGS continued to effectively remove TCE and ⁹⁹Tc. The system operated with an average removal efficiency of 99.87% for TCE and 90.1% for ⁹⁹Tc.

The average TCE effluent concentration for this reporting period was 2.2 ppb, which is less than the treatment goal of 5 ppb and the existing Warm Water Aquatic Habitat Criteria (401 KAR 10:031) limit of 30.8 ppb. The average ⁹⁹Tc effluent value was 23.6 pCi/L, which is less than the operational goal of 900 pCi/L, during the reporting period.

NWPGS extraction wells were sampled quarterly during the period July through December 2009. High, low, and average sample results for this reporting period at the EWs are shown in Table 4.

Table 4. TCE and ⁹⁹Tc Concentrations for Northwest Plume Extraction Wells

	TCE (ppb)			⁹⁹ Tc (pCi/L)		
	High	Low	Average	High	Low	Average
EW228	3.8	3.5	3.7	14.0	4.92	9.0
EW229	12.0	4.7	8.4	35.2	8.5	21.9
EW230	7,200	2,700	4,950	696	474	585
EW231	310	31	125	211	16.6	84.6

D) Treatment Media

Ion Exchange Resins

The NWPGS is equipped with four ion exchange columns used for the removal of ⁹⁹Tc. Purolite A-520-E resin is used in the columns, which are arranged in a lead/lag configuration on two parallel skirts. No resin changes were required during the reporting period. Resin columns F-005 and F-006 (both lead columns) will have the resin replaced during the next reporting period. The resin in these columns was replaced last in 2003.

Activated Carbon Media

The NWPGS is equipped with two carbon columns containing granular activated carbon for adsorption of VOCs from the vapor-phase effluent of the air stripper unit. The carbon in each

column is replaced routinely. The carbon in both columns was replaced on March 3, 2010, with recycled carbon. The current inventory of recycled carbon has been depleted and the purchase of additional virgin carbon will be required.

E) Maintenance Activities

Routine Maintenance Activities

Daily, monthly, quarterly, and annual routine maintenance activities were conducted in accordance with the *Paducah Plume Operations Maintenance, Calibration, and Testing Plan*, PRS-ENM-0001, January 28, 2008. Instances of minor downtime occurred during the reporting period relating to power outages, maintenance, and calibration of the system.

Nonroutine Maintenance Activities

None.

F) Effectiveness Monitoring—Monitoring Well Results

Figures 6a, 6b, 6c, 6d, and 6e presented in Appendix B, show TCE and ⁹⁹Tc concentrations in monitoring wells at the south and north fields of the Northwest Plume and the EWs, respectively. These graphs show all data since monitoring began in 1995 and indicate the position of the monitoring wells relative to the extraction. Figure 7, included in Appendix B, shows locations of the monitoring wells and EWs.

G) Modification of the NWPGS Operations or Configuration

Construction activities for the NWP IRA Optimization commenced in March 2010. The project team began drilling and installation of two new EWs in the vicinity of the existing south well field. When these new wells, EW232 and EW233, are operational, they will supplant the existing EWs for recovery of TCE contaminated groundwater from the NWP. Each of the new wells will have a design capacity of 220 gal per minute.

II. Schedules of activities during upcoming reporting period (including projected work/crucial phases of construction):

The project team will continue to conduct and document the necessary tasks required for equipment maintenance, calibration, and operation, as specified in the *Operations and Maintenance Plan for the Northwest Plume Groundwater System Interim Remedial Action at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/OR/07-1253&D4.

Additional activities associated with the optimization of the NWP south well field include these:

- Complete construction activities in accordance with the design and Remedial Action Work Plan for the NWP IRA Optimization.
- Complete start up and testing activities for new EWs, EW232 and EW233.
- Take existing EWs, EW228, EW229, EW230, and EW231 offline.
- Revise and submit an update to the NWPGS O&M Plan.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the NWPGS belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management services. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The average NWPGS water effluent concentrations met the operational goals of 5 ppb for TCE and 900 pCi/L for ⁹⁹Tc during the reporting period. The NWPGS has remained operational 99.75% of the time during this reporting period.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

Remedial Action Work Plan for the Northwest Plume Interim Remedial Action Optimization at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/LX/07-0339&D1.

Explanation of Significant Differences to the Record of Decision for the Interim Remedial Action of the Northwest Plume at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/LX/07-0343&D1.

B) Due dates for completion of review/modification tasks:

The D2 version of the *Remedial Action Work Plan for the Northwest Plume Interim Remedial Action Optimization at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/LX/07-0339*, is expected to be approved and issued by May 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, and reason for delay, and actions taken to prevent or mitigate delay):

No future operational problems or delays are anticipated.

VII. Summary of all contacts with local community, public interest groups, or state government:

The Water Withdrawal Reports for October, November, December 2009 and January, February, and March 2010 were submitted for their respective months to the Kentucky Division of Water.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Actual costs for O&M of the Northwest/Northeast Plume facilities are tracked jointly. The total operating cost for the reporting period was \$266,000.

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BURIAL GROUNDS OPERABLE UNIT

The scope of the Burial Grounds Operable Unit (BGOU) includes an RI, Baseline Human Health Risk Assessment (BHHRA), evaluation of remedial alternatives, remedy selection, and implementation of actions, as necessary, for protection of human health and the environment for the following burial grounds.

Within the BGOU are these projects: C-749 (SWMU 2); C-404 (SWMU 3); C-747/C-748-B (SWMU 4); C-746-F (SWMU 5); C-747-B (SWMU 6); C-747-A (SWMUs 7 and 30), which includes the area beneath C747-A (SWMU 12); the residential/inert borrow area (SWMU 145) and the C-746-S&T Landfills (SWMUs 9 and 10). A site investigation for the C-746-P/P1 Scrap Yard (SWMU 13) will be conducted under the BGOU Project. The FFA parties are planning to accelerate implementation of SWMU 4 for an early action prior to remedy selection and implementation of remedial action for the overall BGOU, contingent upon available additional funding.

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BURIAL GROUNDS OPERABLE UNIT PROJECT: C-749 (SWMU 2); C-404 (SWMU 3); C-746-F (SWMU 5); C-747-B (SWMU 6); C-747-A (SWMUs 7 and 30), which includes the area beneath C-746-A (SWMU 12); the Residential/Inert Borrow Area (SWMU 145); and the C-746-S&T Landfills (SWMUs 9 and 10); A Site Investigation for the C-746-P/P1 Scrap Yard (SWMU 13)

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- The D2 RI Report was submitted to the regulators on October 9, 2009.
- Sample locations for the C-746-P/P1 Scrap Yards (SWMU 13) discussed and agreed to during a teleconference (DOE, PRS, and the regulators) on October 16, 2009.
- Conditional approval of the D2 RI received from EPA on November 17, 2009 (7 conditions), and from Kentucky on December 04, 2009 (51 conditions).
- FFA parties met to discuss EPA and Kentucky conditions on the D2/RI Report on January 11 and January 12, 2010.
- D2/R1 RI Report submitted to the regulators on February 22, 2010.
- D2/A1/R2 SWMU 13 Work Plan Addendum/Field Sampling Plan submitted to the regulators on February 25, 2010.
- Conditional approval of the SWMU 13 D2/A1/R2 Work Plan Addendum/Field Sampling Plan received from Kentucky on March 16, 2010 (3 conditions), and obtained EPA approval on March 23, 2010.
- Draft D1 FS submitted to DOE on March 15, 2010.
- Approval of the D2/R1 RI Report received from Kentucky on March 16, 2010.
- Approval of the D2/R1 RI Report received from EPA on March 24, 2010.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Submit the D1 FS Report to the regulators.
- Submit the Draft D1 Proposed Plan to DOE.
- Sample 17 primary and 4 contingency borings at SWMU 13 to collect soil and Upper Continental Recharge System groundwater samples.
- Submit the D1 Proposed Plan to the regulators.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of BGOU belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center, and maintains existing burial ground caps.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Schedules for the submittal of the D2/R1 RI Report and the D1 FS Report were modified during the reporting period. The approved date for submittal of the D2/R1 RI Report is February 27, 2010; the approved date for submittal of the D1 FS Report is April 28, 2010.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation during this reporting period:

- D2/RI Report was reviewed by EPA and Kentucky.
- D2/R1 RI Report was prepared.
- D1 FS Report is in preparation.
- Draft D1 Proposed Plan is in preparation.
- D2/A1/R2 SWMU 13 Work Plan Addendum/Field Sampling Plan was prepared.
- D2/A1/R2 SWMU 13 Work Plan Addendum/Field Sampling Plan was reviewed by EPA and Kentucky.

B) Due dates for completion of review/modification tasks:

- D1 FS due to EPA and Kentucky April 28, 2010.
- D2 FS due to EPA and Kentucky August 10, 2010.
- D1 Proposed Plan due to EPA and Kentucky August 10, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Given the complexity of the action and that risk-based cleanup levels have not yet been agreed upon, a delay of ROD approval is anticipated. DOE is working with EPA and Kentucky to accelerate excavation of SWMU 4, which is a critical path in completing the project by 2019 as a removal action. DOE would like to accelerate project team interactions to determine the appropriate cleanup levels and remedies.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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BURIAL GROUNDS OPERABLE UNIT PROJECT: C-747/C-748-B (SWMU 4)

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- D1 Removal Notification submitted to regulators on February 22, 2010.
- D1 Removal Notification approved on March 9, 2010.
- D1 EE/CA submitted to regulators on March 3, 2010.
- Developed D1 Draft Removal Action Work Plan.
- Developed D1 Action Memorandum (AM).

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Submit D2 EE/CA to EPA and Kentucky.
- Submit D1 and D2 AM to EPA and Kentucky.
- Submit D1 and D2 Removal Action Work Plan to EPA and Kentucky.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of SWMU 4 belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center, and maintains existing burial ground cover.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The schedule dates are project dates and do not include regulator milestones. The submittal of both the D1 and D2 documents is scheduled to be completed by June 30, 2010, per project schedule.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation during this reporting period:

- Removal Notification was submitted to regulators on February 22, 2010.

- Removal Notification was reviewed by EPA and Kentucky and approved on February 26, 2010.
- EE/CA was submitted to regulators on February 25, 2010.
- EE/CA is being reviewed by EPA and Kentucky.
- Removal Action Work Plan is being prepared for submittal to EPA and Kentucky.
- AM is being prepared for submittal to EPA and Kentucky.

B) Due dates for completion of review/modification tasks:

- The EE/CA review by EPA and Kentucky is scheduled to be completed March 18, 2010.
- The D1 AM project schedule indicates submittal on May 1, 2010.
- The D1 Removal Action Work Plan project schedule indicates submittal on April 17, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Real time comment resolution is being sought for the EE/CA so it can be submitted for public comment on May 28, 2010.

Work performance to available additional funding.

VII. Summary of all contacts with local community, public interest groups, or state government:

None.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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SURFACE WATER OPERABLE UNIT

The Surface Water Operable Unit (SWOU) includes the Surface Water Removal Action and Surface Water Remedial Action projects. Additionally, O&M is performed on North-South Diversion Ditch Sections 1 and 2 and institutional controls, as required by the *Operations and Maintenance Plan for Sections 1 and 2 of the North-South Diversion Ditch*, DOE/OR/07-2057&D2, and *Operations and Maintenance Plan for the Surface Water Operable Unit at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/OR/07-1904&D1; and O&M activities for the C-613 Basin are done in accordance with the *Operations and Maintenance Plan for the Northwest Storm Water Collection Basin at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/OR/07-2044&D1/R4, respectively. Inspection reports are filed in the Document Management Center, managed by SST. The estimated annual cost of this O&M is \$84,000.

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SURFACE WATER OPERABLE UNIT PROJECT: Removal Action

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

The D2/R1 version of the SWOU Removal Action Work Plan was issued to the regulators on October 23, 2009; Kentucky approved the D2/R1 Removal Action Work Plan on November 3, 2009, and EPA provided conditional approval on November 12, 2009. On December 14, 2009, an Errata to the D2/R1 SWOU Removal Action Work Plan was issued.

Excavation of Outfall 011 and the North-South Diversion Ditch began. Approximately 9,000 yd³ of soil and sediment have been removed as of March 31, 2010.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Complete excavation and construction activities as required by the SWOU RAWP.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the Surface Water Operable Unit Removal Action belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Previous multiple extensions for document reviews and submittals have been requested by EPA, Kentucky, and DOE outside this reporting period. Extension requests have impacted due dates for documents and impacted project milestones. The project is approximately nine months behind schedule due to previously mentioned extension delays prior to this reporting period.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- Kentucky approved the D2/R1 SWOU RAWP on November 3, 2009.
- EPA provided conditional approval of the D2/R1 SWOU RAWP on November 12, 2009.

B) Due dates for completion of review/modification tasks:

None.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Delays of regulatory approvals have impacted schedule for the SWOU removal action. The implementation of fieldwork has been delayed by nine months. As a result of the removal action delays, the FFA completion milestone of September 30, 2017, has been modified for the completion of the SWOU remedial action to December 13, 2017.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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SURFACE WATER OPERABLE UNIT PROJECT: Remedial Action

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

Scoping discussions with regulators were held as follows:

- Meetings of the SWOU RI scoping team were held on October 26, 2009; December 8-9, 2009; and January 20, 2010.
- Conference calls with the SWOU RI scoping team were held on October 6, 2009; December 21, 2009; January 5, 2010; January 14, 2010; February 2, 2010; February 9, 2010; February 23, 2010; March 2, 2010; and March 23, 2010.
- Conference calls with the Ecological Working Group of the SWOU RI scoping team were held on December 21, 2009; January 26, 2010; February 01, 2010; February 11, 2010; February 18, 2010; March 05, 2010; and March 08, 2010.

During scoping, the three parties agreed that submittal of a formal scoping document was not required, and this was documented in a letter from DOE to EPA and Kentucky issued February 26, 2010.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

Further scoping for the SWOU RI will occur with the regulators. The D1 SWOU RI Work Plan is due to EPA and Kentucky on July 11, 2011.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the Surface Water Operable Unit Remedial Action belongs to PRS, as the DOE prime remediation contractor at the PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Project is on schedule based upon revised Surface Water Remedial Action completion date to December 13, 2017. (See Surface Water Operable Unit Removal Action Section VI.). During scoping, the three parties agreed that submittal of a formal scoping document for the SWOU RI was not required, and this was documented in a letter from DOE to EPA and Kentucky issued February 26, 2010.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

None.

B) Due dates for completion of review/modification tasks:

A D1 SWOU RI Work Plan is due to EPA and Kentucky on July 11, 2011.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Currently, no delays are anticipated based upon the Surface Water Remedial Action completion date of December 13, 2017. (See Surface Water Operable Unit Removal Action Section VI.) No delays are anticipated with development of the SWOU RI Work Plan, and a D1 currently is on schedule for submittal to EPA and Kentucky on July 11, 2011.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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SOILS OPERABLE UNIT

This project includes a removal action coordinated with an RI, BRA, evaluation of cleanup alternatives, remedy selection, and implementation of necessary response actions. The scope of the Soils Operable Unit (SOU) is intended to address primarily those units where contamination is believed to be confined to shallow soil horizons, units currently not being addressed by the accelerated actions, and units that require additional characterization.

The SOU also includes (1) the Soils Inactive Facilities that include the removal of the interior face of the C-218 Firing Range, the C-410-B Sludge Lagoon, and (2) the soil/rubble areas that include conducting a site evaluation of the identified areas, developing site evaluation reports, and implementing a removal action, if necessary, to address areas of contamination with unacceptable risk. In addition, the SOU includes an RI of 84 areas of concern (AOCs)/SWMUs to determine nature and extent of contamination to help determine if an action may be warranted. The majority of the AOCs/SWMUs are located inside the limited area and will be sampled between 0 ft and 16 ft for polychlorinated biphenyls (PCBs), metals, radionuclides, and semivolatile organic compounds. A PCB evaluation of known sources, in addition to a limited area radiological survey, also will be performed.

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SOILS OPERABLE UNIT PROJECT: Remedial Action

I. Work performed during this reporting period (including summaries of findings and any deviations from the work plan):

- Received conditional concurrence from Kentucky and EPA on December 14 and 15, 2009. Comment Resolution meeting with EPA and Kentucky on January 8 and 20, 2010, and February 4 and 8, 2010. Issued the D2/R1 SOU RI Work Plan on March 29, 2010.
- Began sampling activities on March 18, 2010, based on the D2/R1 Work Plan.
- Received comments from Kentucky on January 27, 2010, and EPA March 12, 2010, and incorporated in the draft Sitewide Evaluation Work Plan.
- Developed the D1 Sitewide Evaluation Work Plan.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Obtain approval of the D2/R1 SOU RI Work Plan.
- Complete the RI fieldwork including collection of nearly 300 fixed-base laboratory samples and over 3,000 field samples using a direct push technology rig or similar equipment.
- Issue the D1 Sitewide Evaluation Work Plan.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the SOU remedial investigation belongs to PRS, as the DOE prime remediation contractor at the PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Pursuant to the SMP, the D1 SOU RI Work Plan was submitted on March 6, 2009, ahead of the regulatory milestone of March 12, 2009. The D2 SOU RI Work Plan was issued on September 11, 2009. The D2/R1 SOU RI Work Plan was issued on March 29, 2010.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- The D2/R1 SOU RI Work Plan was prepared and reviewed by DOE and submitted to EPA and KY for their review.
- The D1 (advance copy) Sitewide Evaluation Work Plan has been under review by EPA and Kentucky.

B) Due dates for completion of review/modification tasks:

- The D2/R1 SOU RI Work Plan was issued March 29, 2010, and approval was requested by April 29, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

None.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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SOILS OPERABLE UNIT PROJECT: Soils Inactive Facilities

I. Work performed during this reporting period (including summaries of findings and any deviations from the work plan):

- Submitted the D2/R1 Soils Inactive Facilities RAWP for two of the three facilities on October 8, 2009, and approved by EPA and Kentucky on November 12, 2009, and October 14, 2009, respectively.
- At the C-403 Neutralization Tank (SWMU 40), the preexisting plastic and wooden structure and all non-concrete exterior infrastructure, including hand rails, motors, and additional debris/scrap in the surrounding area, were removed. A new fiberglass enclosure (similar to a barge deck cover) with a design life of greater than ten years has been installed over the pit to minimize the potential for rain infiltration and to prevent unauthorized access. This activity was performed as a maintenance action.
- At the C-218 Firing Range (SWMU 181), 1,478 yd³ of soil was removed and dispositioned, in accordance with the approved RAWP. Verification samples were collected and confirmed that removal action objectives had been achieved.
- The C-410-B Hydrogen Fluoride Neutralization Lagoon (SWMU 19) was decommissioned. Approximately 1,245 yd³ of soil was removed and dispositioned, in accordance with the approved RAWP. Post excavation characterization sample results are pending.
- The C-403 facility (SWMU 40) removal action will be delayed until post-gaseous diffusion plant shutdown due to an active 30-inch water line critical to United States Enrichment Corporation operation activities located within 10 ft of the facility. A memo (PPPO-02-113-10) to the Administrative Record file was issued December 11, 2009.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Issue and obtain approval of the Removal Action Completion Report (this will be in the form of a letter report).

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the Soils Inactive Facilities belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Multiple extensions for document reviews and submittals have been requested by EPA, Kentucky, and DOE. Extension requests have impacted due dates for documents and impacted project milestones. The project is approximately 14 months behind schedule due to the previously mentioned extension delays prior to this reporting period.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- D2/R1 Soils Inactive Facilities RAWP was reviewed and approved.
- Removal Action Completion Letter Report was in preparation.

B) Due dates for completion of review/modification tasks:

Removal Action Completion Letter Report will be submitted for regulatory approval in the next reporting period.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

None.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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Reporting Period: 10/01/2009-3/31/2010**

SOILS OPERABLE UNIT PROJECT: Soil and Rubble Areas

I. Work performed during this reporting period (including summaries of findings and any deviations from the work plan):

- Issued the D2/R1 *Site Evaluation Report for Addendum 1B Soil Piles at the Paducah Gaseous Diffusion Plant*, on December 24, 2009. No formal response has been received from EPA or Kentucky as of March 31, 2010.
- Completed implementation of the Rubble Piles Sampling and Analysis Plan (SAP) and initiated the maintenance action for five of the rubble piles.
- Issued the D2/R1 *Site Evaluation Report for Addendum 2 Soil Piles at the Paducah Gaseous Diffusion Plant*, on January 15, 2010. Conditional approval from Kentucky was received on March 8, 2010. No formal response has been received from EPA as of March 31, 2010.
- Issued the D2 Site Evaluation Report (SER) for Rubble Areas on November 12, 2009, and the D2/R1 on January 26, 2010. Approval was received from Kentucky and EPA on January 28 and February 2, 2010, respectively.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Respond to March 8, 2010, Kentucky comments on the D2/R1 SER for Addendum 2 Soil Piles.
- Obtain approval of the D2/R1 SER for Addendum 2 Soil Piles.
- Obtain approval on the D2/R1SER for Addendum 1-B Soil Piles Areas.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of the SOU soil and rubble areas belongs to PRS, as the DOE prime remediation contractor at the PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Pursuant to the February 16, 2007, "Notification of Soil and Rubble Areas" letter, project implementation dates for soil and rubble areas were based on regulatory approval of the first SAP. The project currently is behind schedule due to previous multiple review and extension

requests outside of the current reporting period; however, no delays on the SERs pending regulatory approvals occurred during the current reporting period.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- D2/R1 SER for Addendum 2 Soil Piles was under review by EPA and Kentucky.
- D2/R1 SER for Addendum 1B Soil Piles was under review by EPA and Kentucky.

B) Due dates for completion of review/modification tasks:

The D2/R1 Addendum 2 SER was issued January 15, 2010; however, EPA has not provided approval during this reporting period.

As a result of Kentucky comments (March 8, 2010) on the D2/R1 Addendum 2 SER, a response will be issued for approval in the next reporting period.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

Delay of regulatory approval of the SAP and addenda have impacted completion of the fieldwork and subsequent SERs. Additional delays in obtaining approvals of the SERs may be incurred as a result of uranium previously being analyzed/extracted by methods different from those expected by Kentucky. In addition, the site evaluation for the soil piles does not present an imminent risk; therefore, consolidating soil piles removal with the future SOU Removal Action will result in a cost savings and insignificant schedule delay.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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DECONTAMINATION AND DECOMMISSIONING OPERABLE UNIT

The Decontamination and Decommissioning (D&D) Operable Unit will employ the CERCLA removal action process to decommission excess buildings (i.e., inactive with no reuse potential) that have a known or potential release of contamination to the environment. Consistent with the 1995 DOE and EPA Memorandum: *Policy on Decommissioning DOE Facilities under CERCLA*, DOE will employ the CERCLA Non-Time-Critical Removal Action framework when appropriate. In instances where facilities do not have a known or potential release, DOE may decommission the facility as a non-CERCLA demolition action using National Environmental Policy Act documentation.

The remaining scope of the D&D Operable Unit prior to PGDP shutdown consists of the following inactive DOE facilities:

- C-410/420 Feed Plant Complex
- C-340 Metals Reduction Complex
- C-746-A East End Smelter

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D&D OPERABLE UNIT: C-410/420 Complex

The scope of this project includes D&D of the C-410 Uranium Hexafluoride Feed Plant, using CERCLA removal actions implemented in accordance with the FFA and consistent with the 1995 EPA and DOE Joint Policy Statement on decommissioning activities.

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan) for the C-410/420 Complex:

- Received EPA (November 23, 2009) and Kentucky (November 16, 2009) approval of the AM Addendum, which expanded scope of existing removal action to include building demolition. Development of the AM Addendum is consistent with the regulatory strategy developed and approved for implementing American Recovery and Reinvestment Act (ARRA) activities.
- Submitted the D1 RAWP Addendum to the EPA and Kentucky for review and comment on February 22, 2010.
- Completed 92% of removal of small diameter instrument lines in the C-410/420 Complex.
- Initiated vacuum piping system removal, complete in 4 of 36 zones.
- Completed removal of paper insulated lead cable in Sector 4.
- Continued stabilization and removal of fluorine, hydrogen, and hydrogen fluoride systems.
- Received and began evaluation of EPA comments on the D1 RAWP Addendum for the demolition of the C-410/C-420 Complex.

II. Schedules of activities to be performed during next reporting period (including projected work/crucial phases of construction):

- Resolve EPA and Kentucky comments on the RAWP Addendum and submit D2 for approval.
- Complete stabilization and removal of fluorine systems.
- Continue stabilization of hydrogen fluoride and hydrogen systems.
- Complete removal of prohibited items.
- Complete small diameter instrument line removal.
- Initiate removal of the heating, ventilation, and air-conditioning system; uranium hexafluoride; vacuum; glycol; alcohol; and ammonia systems.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of D&D belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The requirements and time schedules are being met. Use of ARRA funding will allow acceleration of DOE baseline schedules and SMP projected completion dates.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

Under review or review completed by regulatory agencies

- Received EPA comments on March 24, 2010, on the D1 RAWP Addendum for the C-410/420 Complex; Received approval of the D1 RAWP Addendum from Kentucky on April 9, 2010.

Under development by DOE

- Resolution of EPA comments on the D1 RAWP Addendum underway. D2 RAWP Addendum will be prepared for the C-410/420 Complex Demolition during this period.

B) Due dates for completion of review/modification tasks:

- Kentucky requested an extension for review of D1 RAWP Addendum. Original date for comments was March 22, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

The requirements and time schedules are being met. Use of ARRA funding will allow acceleration of DOE Baseline schedules and SMP projected completion dates.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, congressional staff, and D&D Tri-Party Working Group. Media press releases were developed and issued for the ARRA-related work.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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**D&D OPERABLE UNIT: C-746-A East End Smelter and
C-340 Metals Reduction Plant Complex**

The scope of this project includes demolition of the C-746-A East End Smelter and C-340 Uranium Metals Reduction Complex, using CERCLA removal actions implemented in accordance with the FFA and consistent with the 1995 EPA and DOE Joint Policy Statement on decommissioning activities.

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan) for the C-340 Complex and C-746-A East End Smelter:

- Received comments on the D1 EE/CA from EPA on November 17, 2009, and from Kentucky on November 7, 2009.
- Prepared and submitted the D1 AM on February 26, 2010, and received comments from EPA on March 11, 2010, and Kentucky on March 8, 2010.
- Submitted the D1 RAWP for the C-746-A East End Smelter on March 8, 2010.
- Conducted real-time review meeting on March 17, 2010, with regulatory agencies to accelerate comment resolution. Discussions during the meeting included conditions regarding agency approval for the D2 EE/CA, draft comments on the D1 AM, and draft comments on the RAWPs.
- Placed a public notice in the local newspaper, the *Paducah Sun*, on March 31, 2010, that the EE/CA is available for public comments for 30 days.
- Received comments from EPA on March 11, 2010, on the D1 AM for C-340 and East End Smelter.
- Received conditional approval of the D1 RAWP for C-746-A East End Smelter from Kentucky on April 9, 2010.

II. Schedules of activities to be performed during next reporting period (including projected work/crucial phases of construction):

- Incorporate public comments received on the EE/CA and develop the D2 AM. Obtain regulatory approval on the D2 AM.
- Submit the D1 Removal Action Work Plan for the C-340 Complex.
- Incorporate regulatory agency comments into the RAWPs for the C-340 Complex and the C-746-A East End Smelter and receive regulatory approval.
- Initiate and complete demolition of the C-746-A East End Smelter.

- **III. Identity and assigned tasks of DOE contractors for work to be performed for this project:**

Responsibility for the day-to-day operations of D&D belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The requirements and time schedules are being met. Use of ARRA funding will allow acceleration of DOE baseline schedules and SMP projected completion dates.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

Under review or review completed by regulatory agencies

- C-746-A East End Smelter RAWP is being reviewed by EPA.

Under development by DOE

- AM for the C-340 Complex and C-746-A East End Smelter to be issued at the close of the public comment period.

B) Due dates for completion of review/modification tasks:

- Comments are due on the C-746-A RAWP on or before April 9, 2010.
- The public comment period for the EE/CA will close on April 27, 2010. The time required to revise the AM or RAWPs will depend on the nature and quantity of comments received.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

The requirements and time schedules are being met. Use of ARRA funding will allow acceleration of DOE Baseline schedules and SMP projected completion dates. DOE and their contractors will continue to coordinate closely with the EPA and Kentucky to achieve the schedules for the ARRA Projects.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, Congressional staff, and D&D Tri-Party Working Group. Media press releases were developed and issued for the ARRA-related work.

An ad in the Paducah Sun was placed on March 31, 2010, announcing that the EE/CA is available for public comment for 30 days.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

None.

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COMPREHENSIVE SITE OPERABLE UNIT

There were no reportable activities for the Comprehensive Site Operable Unit during this reporting period.

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ADDITIONAL REPORTING

Presented in this section are updates for WAGs 1 and 7 (C-746-K Landfill, TCE Spill Sites, Underground Storage Tanks, and Kentucky Ordnance Works sites), the Community Relations Plan (CRP), the SMP, and CERCLA Waste Disposal Alternatives Evaluation.

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**PROJECT: WAGs 1 and 7 (C-746-K Landfill, TCE Spill Sites,
Underground Storage Tanks, and Kentucky Ordnance Works Sites)**

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

Surface water and groundwater monitoring continued around the C-746-K Landfill and in Bayou Creek, as required by the WAGs 1 and 7 ROD. The results of the groundwater monitoring for the April 1, 2009, through September 30, 2009, reporting period, which were unavailable in October 2009, have been included as part of this report.

The results of the groundwater monitoring for the October 1, 2009, through March 31, 2010, reporting period are unavailable at this time and will be included in the next report.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

Surface water and groundwater monitoring will continue around C-746-K Landfill and in Bayou Creek, as required by the ROD. This monitoring is conducted and reported in accordance with other PGDP programs, such as the Groundwater Protection Program, Environmental Monitoring Program, and Kentucky Pollutant Discharge Elimination System Permit.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the day-to-day operations of WAGs 1 and 7 belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

The requirements and time schedules are being met.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

None.

B) Due dates for completion of review/modification tasks:

None.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

None.

VII. Summary of all contacts with local community, public interest groups, or state government:

None.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Sampling of the surface water for the C-746-K Landfill has been incorporated into the Watershed Monitoring Program. O&M cost is not broken out separately.

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PROJECT: Community Relations Plan

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- Revision 6 of the CRP was submitted to EPA and Kentucky for review and comment on December 3, 2009.
- Appendix A of the CRP was modified to update the list of key contacts for the PGDP. Several changes to key contacts had occurred since the CRP was approved (e.g., FFA managers), and these changes were reflected in the modified appendix. In addition, the CRP was revised to note the name change of the Kentucky Environmental and Public Protection Cabinet to Kentucky Energy and Environment Cabinet, to update census information, and to provide a summary of public involvement for 2007 and 2008 (Appendix B).
- DOE received approval of the CRP from Kentucky on January 5, 2010, and still is awaiting EPA approval.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

- Obtain EPA approval of Revision 6 of the CRP.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the maintenance of the CRP belongs to PRS, as the DOE prime remediation contractor at PGDP. SST manages the Administrative Record and the Environmental Information Center.

The FFA parties have agreed to revise and submit the CRP for review and approval on a bi-annual basis (i.e., status of major projects in Chapter 2, Appendix A – Key Contacts for the PGDP, Appendix B – Public Involvement History). Biannual submittal of the CRP will begin in January of 2012 and occur every even year thereafter.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Not applicable.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

Revision 6 of the CRP has been under DOE development and EPA and Kentucky review during this reporting period.

B) Due dates for completion of review/modification tasks:

Revision 6 of the CRP was submitted to EPA and Kentucky for review and comment on December 3, 2009. DOE received approval of the CRP from Kentucky on January 5, 2010, and still is awaiting EPA approval.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

None.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Not applicable.

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PROJECT: Site Management Plan

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- Based upon feedback received from scoping meetings held with the FFA managers, the FY 2010 D1 SMP, along with proposed FFA modification language for inclusion of out-year completion dates for pre-gaseous diffusion plant shutdown operable unit projects, was developed and submitted in November 2009.
- On December 4, 2009, the FFA parties agreed that, due to other high-priority projects, the review time for the FY 2010 D1 SMP would be extended to allow for provision of EPA and Kentucky comments, and a 45-day extension request was submitted by EPA and Kentucky documenting the request.
- Comments were received on the FY 2010 D1 SMP on January 26, 2010, and January 29, 2010, from EPA and Kentucky, respectively.
- DOE submitted a 30-day schedule notification on February 12, 2010, to allow for sufficient time to address EPA and Kentucky comments. An additional 30-day extension was requested by DOE on March 5, 2010, to allow for Kentucky submittal of the signed FFA modification language.
- Comment resolution meetings were held on February 24, 2010, and March 18, 2010. Comments have been addressed, and the FY 2010 D2 SMP is scheduled to be issued to EPA and Kentucky no later than April 14, 2010, for final comments and/or approval.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

Finalize the FY 2010 SMP and initiate discussions for development of the FY 2011 D1 SMP.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the maintenance of the SMP belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

FFA Section XVIII requires submittal of the SMP by November 15 of each year.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- The D1 FY 2010 SMP has been under development and EPA and Kentucky review during this reporting period.
- The D2 FY 2010 SMP has been under development during this reporting period.

B) Due dates for completion of review/modification tasks:

- D1 FY 2010 SMP was due to EPA and Kentucky no later than November 15, 2009.
- Comments on the D1 FY 2010 SMP originally were due to DOE within 30 days from the document's being issued or December 15, 2009. A 45-day extension request for review and comment submitted by EPA and Kentucky extended the comment review period to January 29, 2010.
- D2 FY 2010 SMP is routinely due within 15 days of receipt of regulatory comments on the D1 SMP; however, DOE submitted two 30-day extension requests making comments due within 75 days of receipt of regulatory comments or April 14, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

During the scoping of the FY 2010 SMP, EPA requested that DOE establish an enforceable outyear completion milestone for the Dissolved-Phase Plume project. The request was evaluated and, based upon discussions among the FFA managers, milestone dates were proposed in the FY 2010 D1 SMP contingent upon obtaining agreement on proposed FFA modification language for inclusion of out-year completion dates for pre-gaseous diffusion plant shutdown operable unit projects. As a result, any delays in reaching consensus on the FFA modification language will delay approval of the SMP.

In addition, during the comment resolution meetings for the FY 2010 D2 SMP, it was determined that Kentucky and DOE were in disagreement with the inclusion of CERCLA Waste Disposal Alternatives Evaluation as a project within the FY 2010 SMP. No changes have been made to the FY 2010 D2 SMP in response to the comment resolution meeting, at this time. The FFA parties have agreed that any changes made will be consistent with resolution agreed to by DOE and Kentucky senior management. Delays in DOE and Kentucky senior management reaching consensus on the path forward for CERCLA Waste Disposal Alternatives Evaluation could delay approval of the FY 2010 SMP.

VII. Summary of all contacts with local community, public interest groups, or state government:

Routine updates on the subproject were provided to the Paducah Site CAB, FFA managers, local elected officials, and congressional staff.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Not applicable.

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PROJECT: CERCLA Waste Disposal Alternatives Evaluation

I. Work performed during the reporting period (including summaries of findings and any deviations from the work plan):

- A Draft D1 RI/FS Report was prepared in November 2009 for DOE review and comment, and a D1 version currently is being prepared for submittal to the regulators. The RI/FS Report is being prepared as described in the RI/FS Work Plan and through discussions with Kentucky and EPA on specific topics (seismic, siting criteria) that are related primarily with the on-site waste disposal alternative.
- DOE prepared responses to Kentucky and EPA comments on the D1 RI/FS Work Plan, revised it, and issued the D2 RI/FS WP, per agreements reached during a comment resolution meeting with Kentucky and EPA.
- DOE transmitted for Kentucky and EPA review/comment/approval the D2 RI/FS Work Plan on January 14, 2010.

II. Schedules of activities to be performed during the next reporting period (including projected work/crucial phases of construction):

A third public involvement meeting will be held to inform the local community on the progress and to solicit input for the waste disposal evaluation. The D2 CERCLA Waste Evaluation RI/FS Work Plan should be approved by Kentucky. The D1 RI/FS Report will be prepared for submittal to Kentucky and EPA for review in the next reporting period.

III. Identity and assigned tasks of DOE contractors for work to be performed for this project:

Responsibility for the CERCLA waste disposal evaluation belongs to PRS, as the DOE prime remediation contractor at PGDP. In addition, PRS also provides programmatic and technical support, analytical services, and business management. SST manages the Administrative Record and the Environmental Information Center.

IV. Statement of the manner and extent to which the requirements and time schedules are being met:

Following submittal of the RI/FS Work Plan, the standard FFA review and comment periods for primary documents are expected to apply. A 30-day extension request was submitted by DOE for submittal of the D2 RI/FS Work Plan.

V. Primary/Secondary Document Tracking System:

A) Documents under review and/or preparation for this reporting period:

- D1 RI/FS Work Plan comments provided by EPA and Kentucky were incorporated into a comment response summary, and several meetings were held to discuss/resolve the comments.
- D2 RI/FS Work Plan was submitted to EPA/Kentucky January 14, 2010.
- Draft D1 CERCLA Waste Evaluation RI/FS Report was submitted to DOE for review.
- D1 RI/FS Report currently is being developed.

B) Due dates for completion of review/modification tasks:

Comments from Kentucky and EPA were due 90 days after receipt of the D1 RI/FS Work Plan. This due date was met. Per the FFA, DOE is allowed 60 days to respond to comments and issue a D2 RI/FS Work Plan. DOE requested a 30-day extension. EPA approved the D2 Work Plan within 30 days. Kentucky has not formally responded to the D2 submittal of January 14, 2010.

VI. Anticipated problems/delays (provide summary of problems, schedule, reason for delay, and actions taken to prevent or mitigate delay):

There are no FFA dates that are being impacted, but the project is behind the baseline schedule.

VII. Summary of all contacts with local community, public interest groups, or state government:

CAB briefings occur regularly during monthly meetings and working sessions through the various stages of the project. As part of the RI/FS activities, DOE conducted meetings with Kentucky and EPA during this period to discuss ingrowth, facilitated transport, and engineered barriers associated with the design/construction of a potential on-site facility and the preliminary waste acceptance criteria.

During this period, DOE coordinated site visits to the Environmental Management Waste Management Facility in Oak Ridge, TN, with members of The CAB. During this visit, the group met with local representatives from DOE, state regulatory agencies, and the Site-Specific Advisory Board.

VIII. Changes in relevant personnel:

None.

IX. Actual cost for O&M, if appropriate:

Not applicable.

APPENDIX A

**NORTHEAST AND NORTHWEST PLUME
WATER WITHDRAWAL REPORTS**

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**TABLE 1. NORTHEAST PLUME CONTAINMENT SYSTEM
WATER WITHDRAWAL REPORTING FORM (gallons of water pumped)**

Day	October 2009	November 2009	December 2009	January 2010	February 2010	March 2010
1	243,400	256,967	248,100	268,575	258,000	261,800
2	248,733	250,200	248,500	268,575	232,600	242,700
3	248,733	240,500	258,500	268,575	319,400	278,900
4	248,733	260,200	259,000	194,400	207,200	235,000
5	184,600	261,300	259,000	250,500	255,700	263,267
6	246,400	250,900	259,000	258,800	255,700	263,267
7	205,900	250,900	251,000	254,900	255,700	263,267
8	155,800	250,900	254,000	251,767	247,600	252,100
9	203,233	267,600	270,600	251,767	234,400	251,600
10	203,233	251,600	245,200	251,767	284,900	266,900
11	203,233	248,600	256,233	258,500	229,600	262,300
12	342,100	255,200	256,233	258,200	260,433	256,100
13	157,400	249,733	256,233	252,900	260,433	256,100
14	198,000	249,733	259,500	251,200	260,433	256,100
15	255,600	249,733	248,900	253,350	252,500	263,800
16	243,200	254,900	251,300	253,350	264,000	252,800
17	243,200	250,000	252,000	253,350	255,700	262,700
18	243,200	251,700	251,633	253,350	274,100	257,200
19	245,500	264,300	251,633	252,400	162,800	257,233
20	241,300	257,533	251,633	238,100	162,800	257,233
21	245,600	257,533	258,500	271,600	162,800	257,233
22	240,200	257,533	243,800	252,633	261,400	267,600
23	250,967	256,700	37,460	252,633	255,200	249,300
24	250,967	249,900	37,460	252,633	256,100	256,900
25	250,967	257,460	37,460	270,300	266,600	257,000
26	248,000	257,460	37,460	239,900	255,567	256,767
27	245,200	257,460	37,460	246,800	255,567	256,767
28	249,100	257,460	251,500	253,200	255,567	256,767
29	256,400	257,460	249,400	254,133	NA	248,500
30	256,967	264,100	244,900	254,133	NA	266,600
31	256,967	NA	268,575	254,133	NA	255,400
Monthly Total	7,212,833	7,645,567	6,792,175	7,846,425	6,902,800	7,989,200
*Daily Average	232,672	254,852	219,102	253,110	246,529	257,716
Days water pumped	31	30	31	31	28	31

*Value based on number of days water was pumped

**TABLE 2. NORTHWEST PLUME GROUNDWATER SYSTEM
WATER WITHDRAWAL REPORTING FORM**

Day	October 2009	November 2009	December 2009	January 2010	February 2010	March 2010
1	215,760	261,090	299,940	312,750	317,830	278,750
2	252,837	215,430	302,480	312,750	295,330	297,310
3	252,837	293,890	295,160	312,750	326,970	262,840
4	252,837	309,790	311,057	303,940	308,230	298,750
5	306,650	119,520	311,057	308,890	301,743	318,743
6	301,420	348,470	311,057	315,510	301,743	318,743
7	260,030	348,470	304,280	309,590	301,743	318,743
8	260,730	348,470	300,370	303,137	310,860	252,490
9	180,427	297,700	306,500	303,137	268,520	310,250
10	180,427	303,830	301,350	303,137	304,610	308,380
11	180,427	305,870	252,070	271,070	333,590	325,400
12	322,610	306,180	252,070	347,730	319,737	296,093
13	234,700	307,913	252,070	312,180	319,737	296,093
14	211,680	307,913	308,460	300,740	319,737	296,093
15	319,610	307,913	305,350	229,240	312,390	314,210
16	236,723	313,410	308,980	229,240	321,590	306,610
17	236,723	297,360	309,640	229,240	316,020	317,280
18	236,723	304,522	309,840	229,240	326,660	314,500
19	297,880	313,488	309,840	199,080	311,570	312,197
20	298,460	298,957	309,840	273,100	311,570	312,197
21	236,870	298,957	314,950	282,010	311,570	312,197
22	283,020	298,957	287,200	311,917	320,750	325,150
23	305,680	311,210	310,882	311,917	300,340	306,940
24	305,680	321,290	310,882	311,917	309,860	301,260
25	305,680	304,840	310,882	331,460	321,430	251,270
26	317,150	304,840	310,882	295,020	283,547	329,843
27	296,800	304,840	310,882	313,040	283,547	329,843
28	297,810	304,840	282,080	305,350	283,547	329,843
29	301,250	304,840	308,070	84,987	NA	311,800
30	261,090	312,110	300,200	84,987	NA	293,270
31	261,090	NA	312,750	84,987	NA	314,630
Monthly Total	8,211,610	8,976,910	9,321,070	8,424,040	8,644,770	9,461,720
*Daily Average	264,891	299,230	300,680	271,743	308,742	305,217
Days water pumped	31	30	31	31	28	31

Monthly Total

*Daily Average

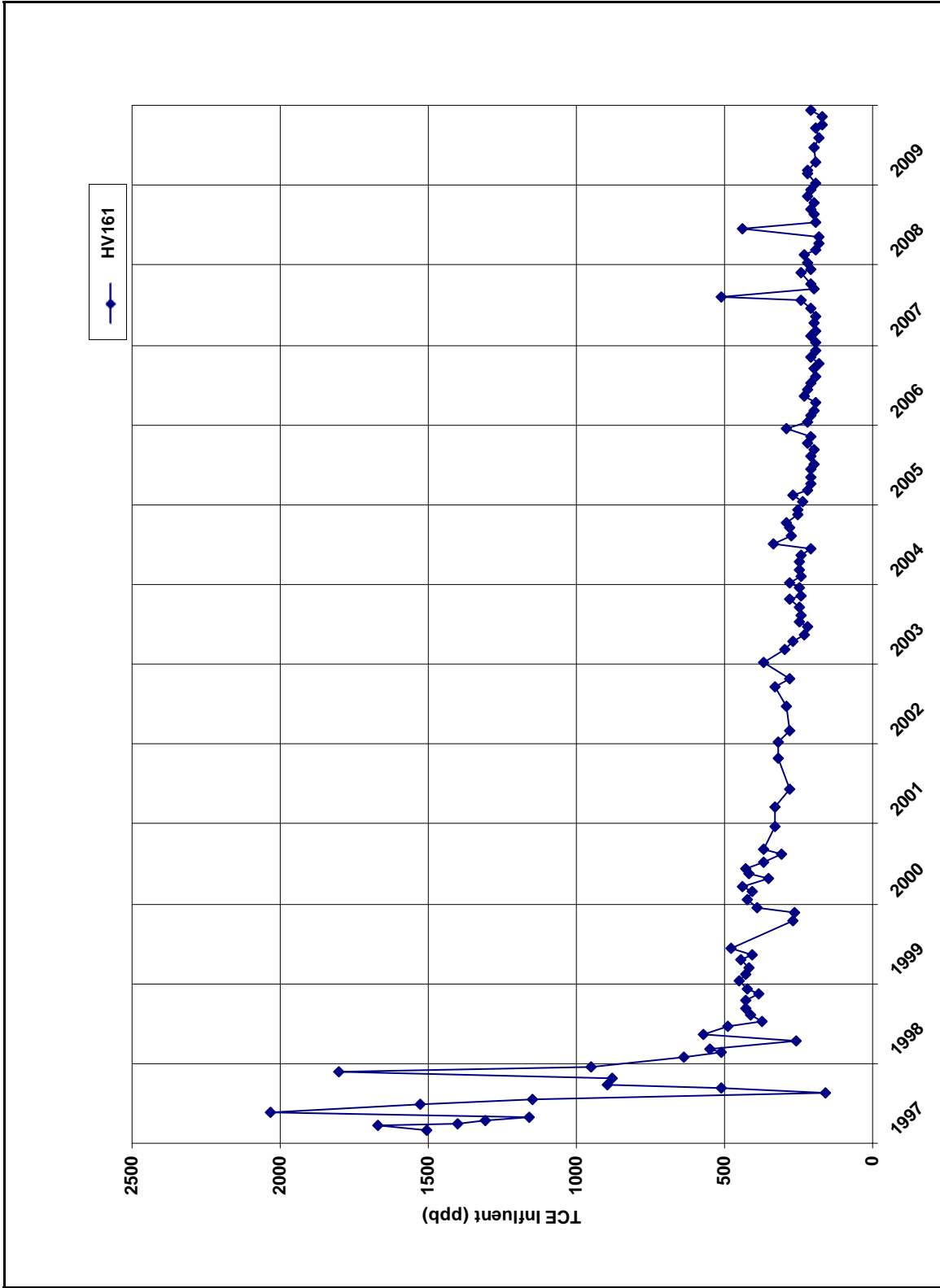
Days water pumped

*Value based on number of days water was pumped

APPENDIX B

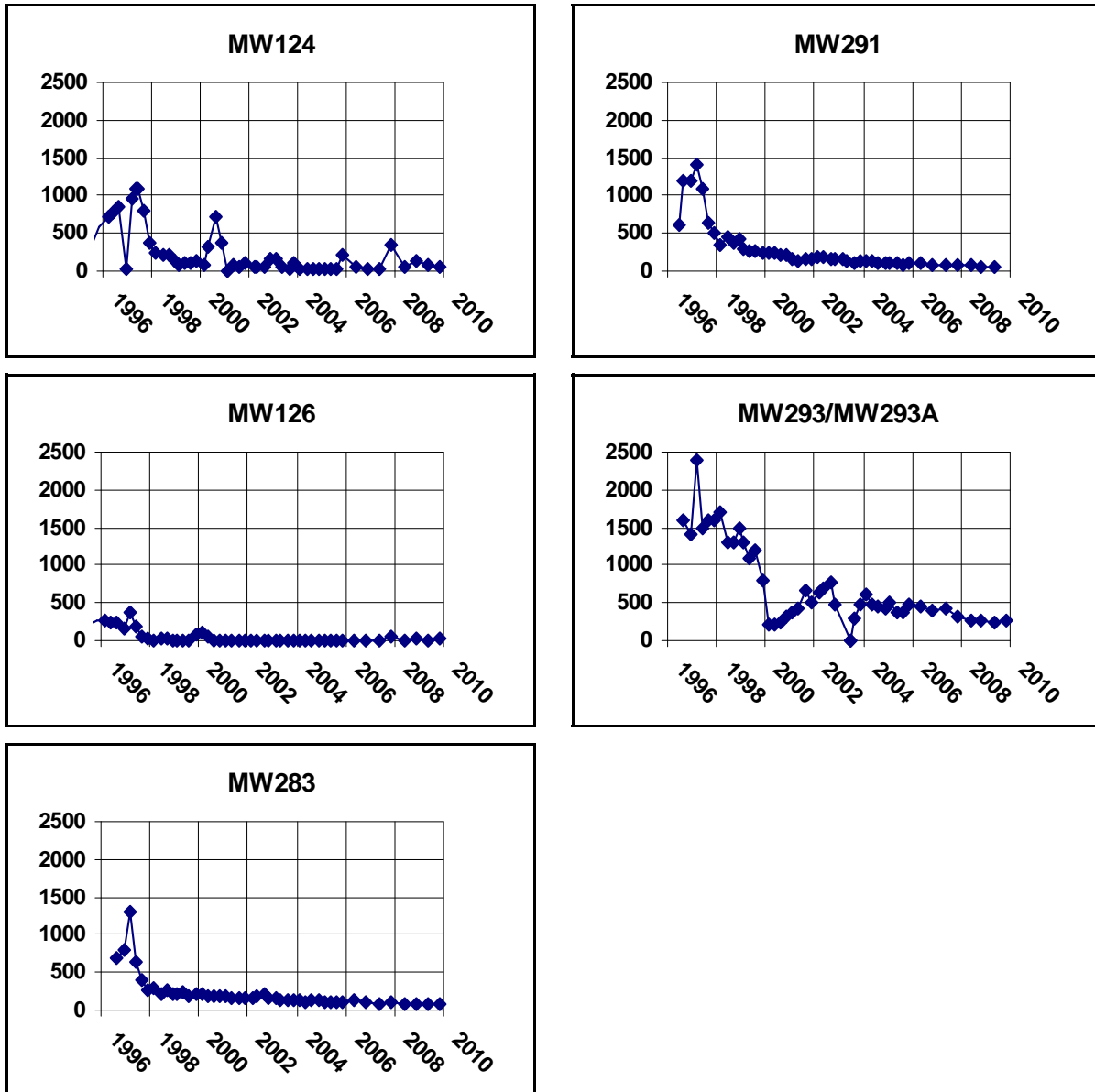
**NORTHEAST PLUME AND NORTHWEST PLUME GRAPHS AND MAPS
FIGURES 1 THROUGH 7**

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NOTE: Data rejected by validation or assessment have not been graphed.
Figure 1. Northeast Plume Containment System Influent TCE Concentration

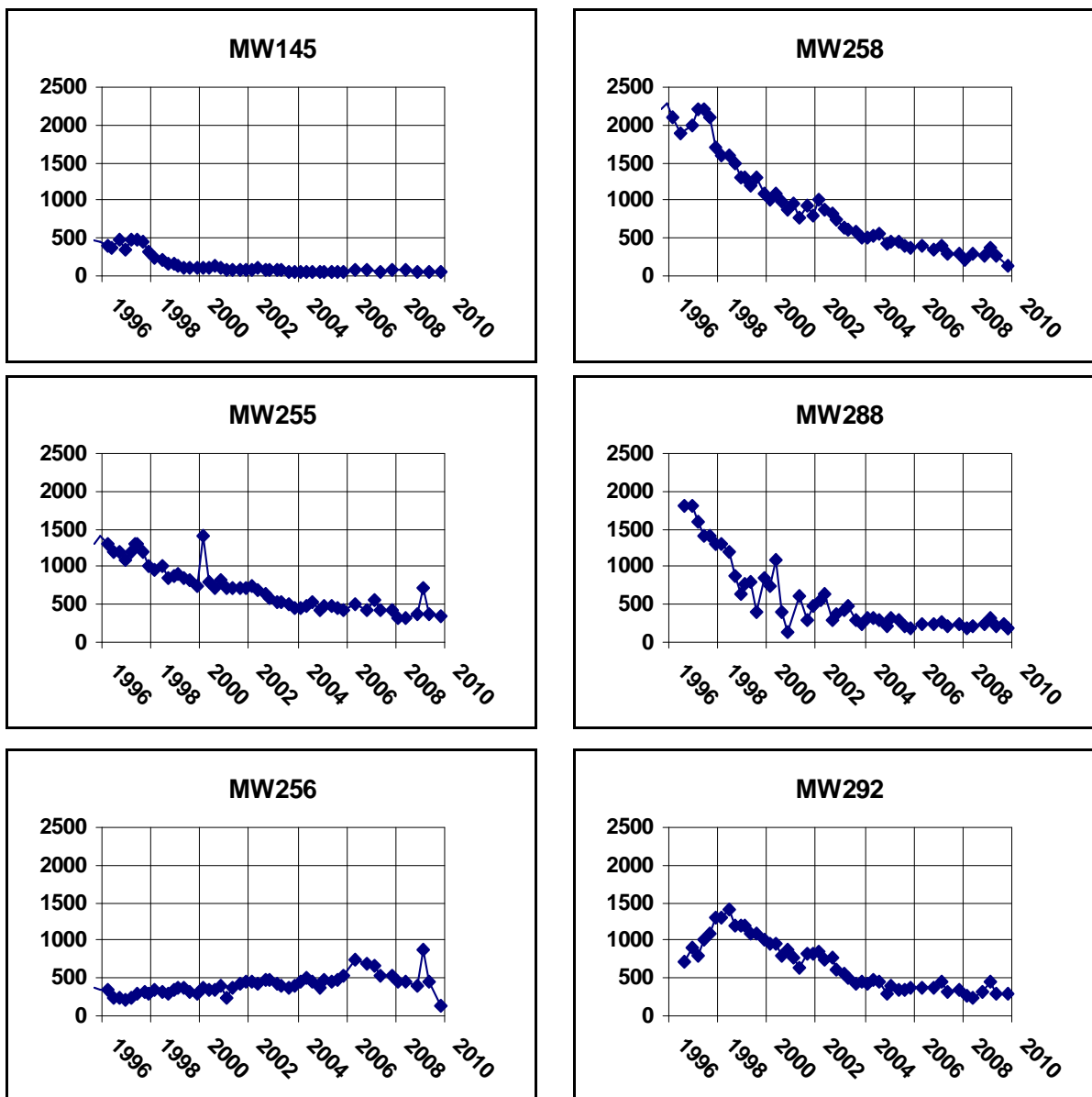
TCE (ppb)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 2a. Northeast Plume—TCE Concentrations in Downgradient Wells

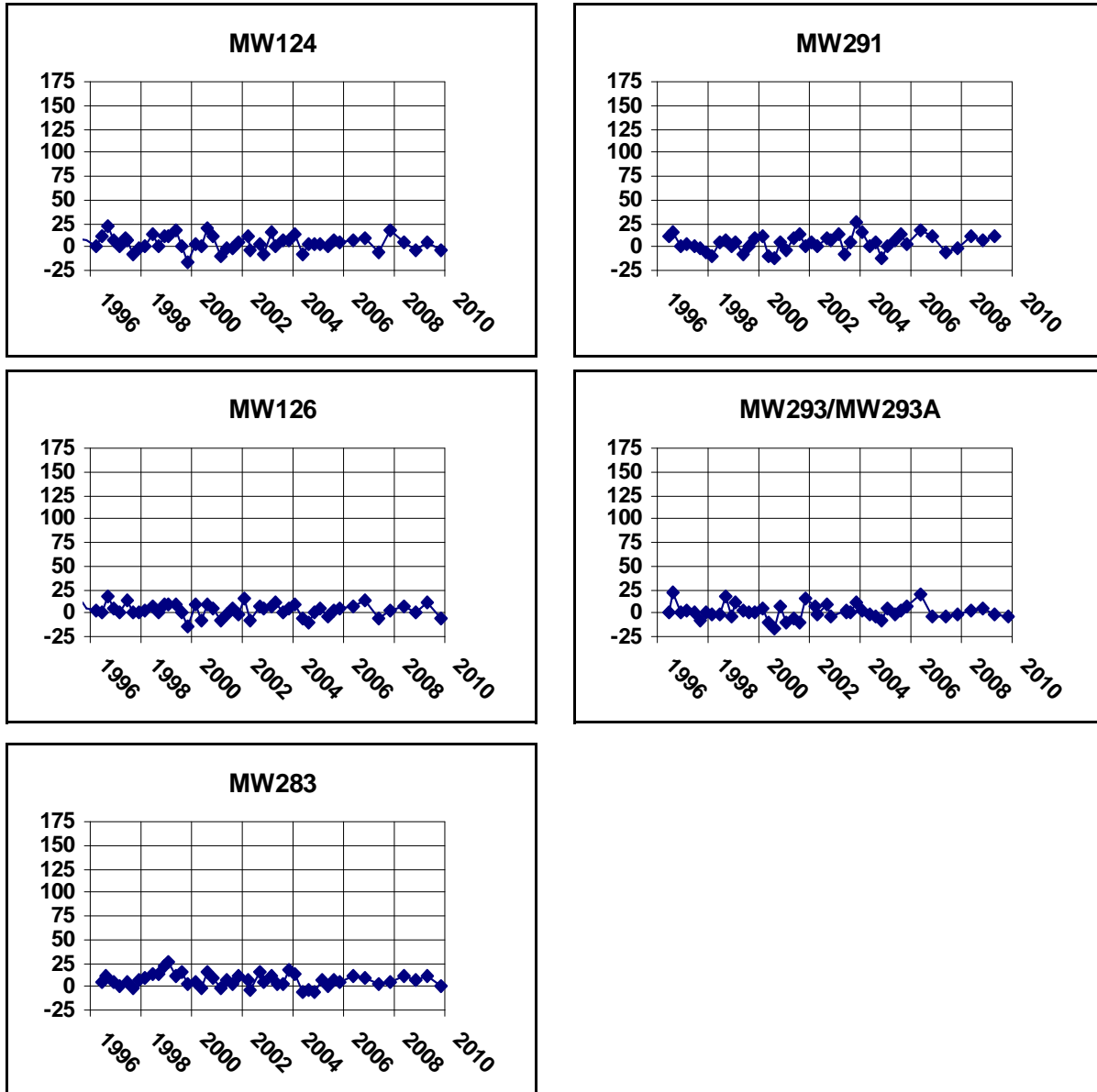
TCE (ppb)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 2b. Northeast Plume—TCE Concentrations in Upgradient Wells

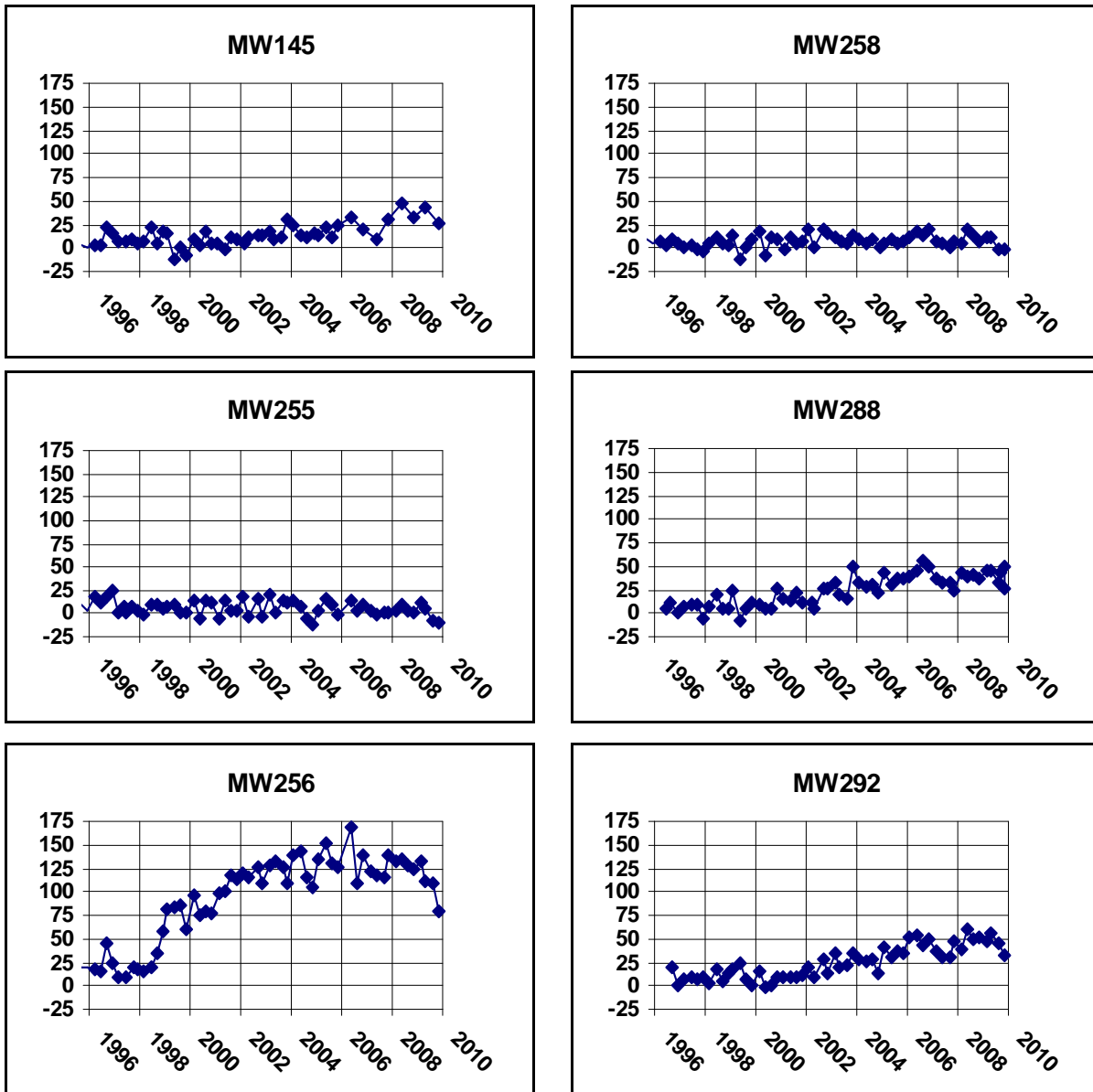
Tc-99 (pCi/L)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 2c. Northeast Plume—Tc-99 Activities in Downgradient Wells

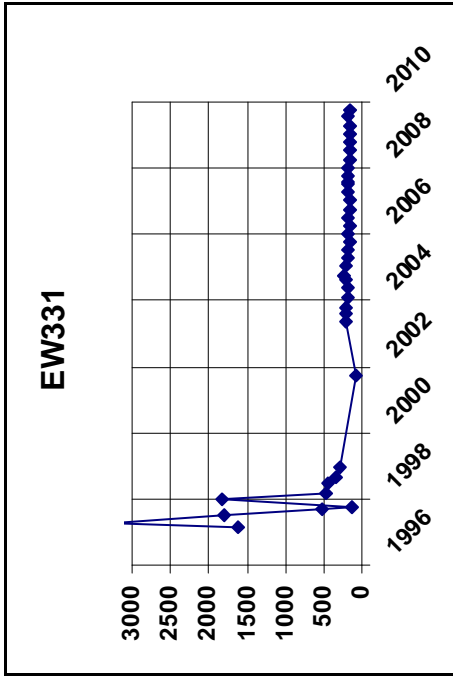
Tc-99 (pCi/L)



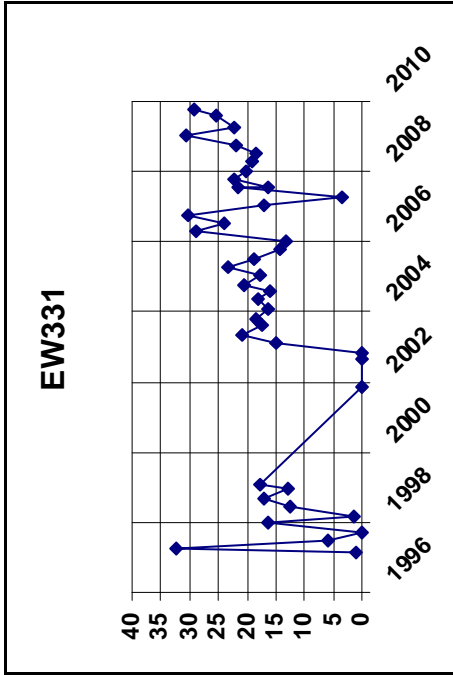
NOTE: Data rejected by validation or assessment have not been graphed.

Figure 2d. Northeast Plume—Tc-99 Activities in Upgradient Wells

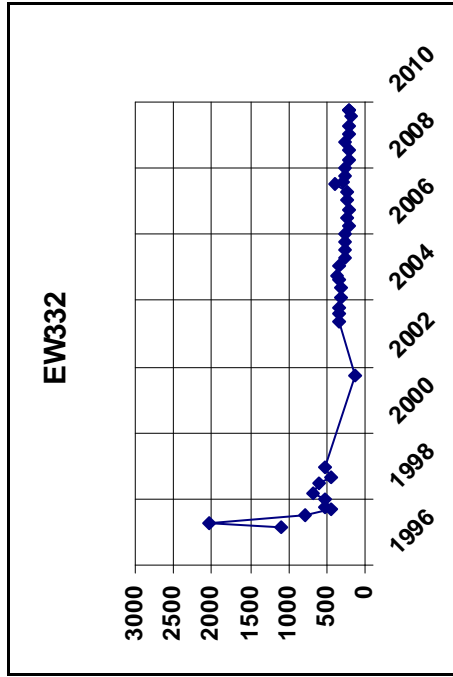
TCE (ppb)



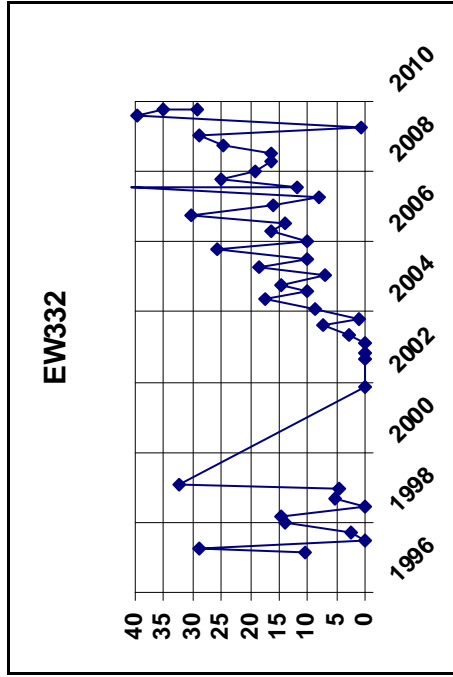
Tc-99 (pCi/L)



TCE (ppb)



Tc-99 (pCi/L)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 2e. Northeast Plume—TCE Concentrations and Tc-99 Activities in Extraction Wells

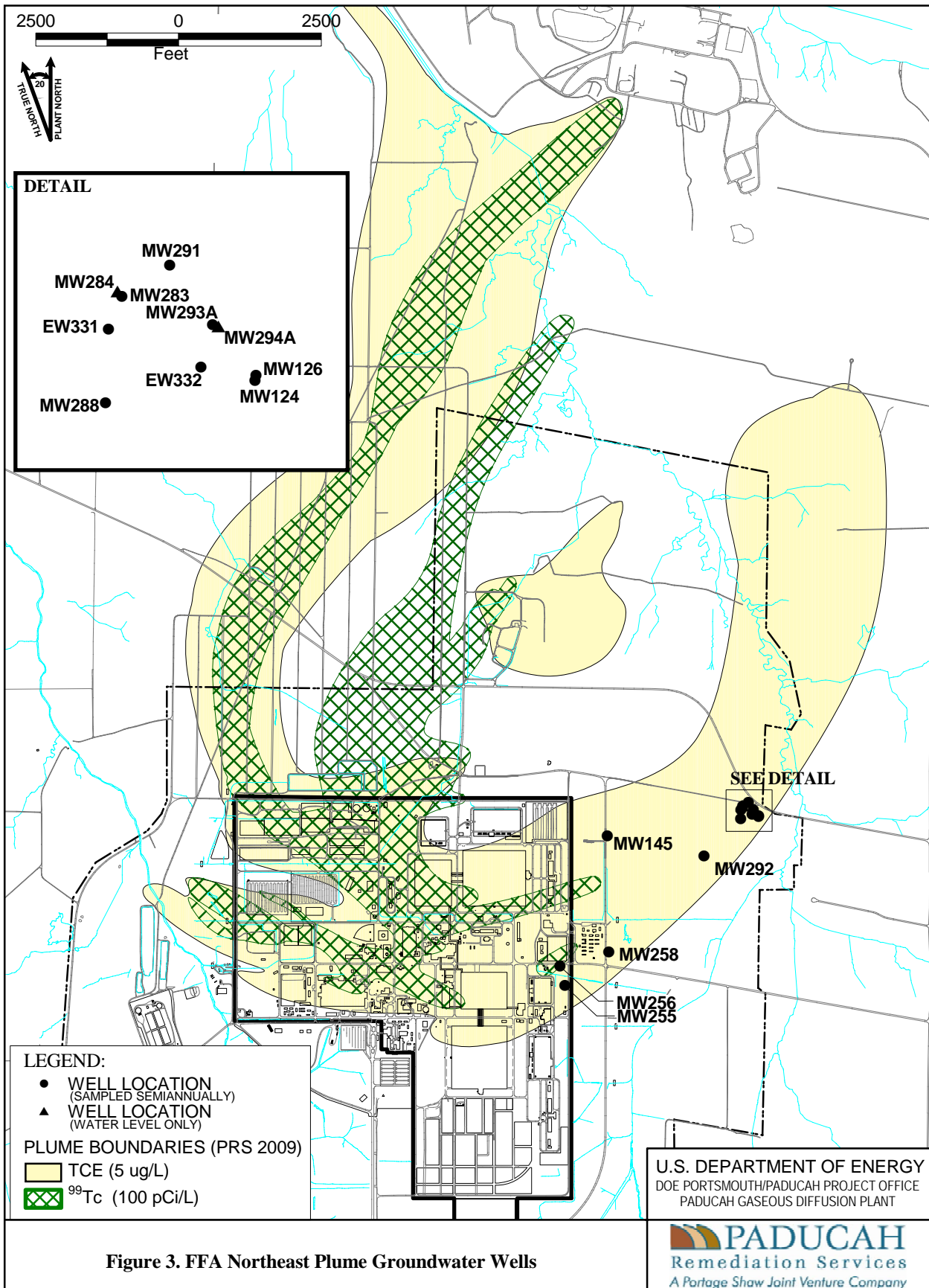
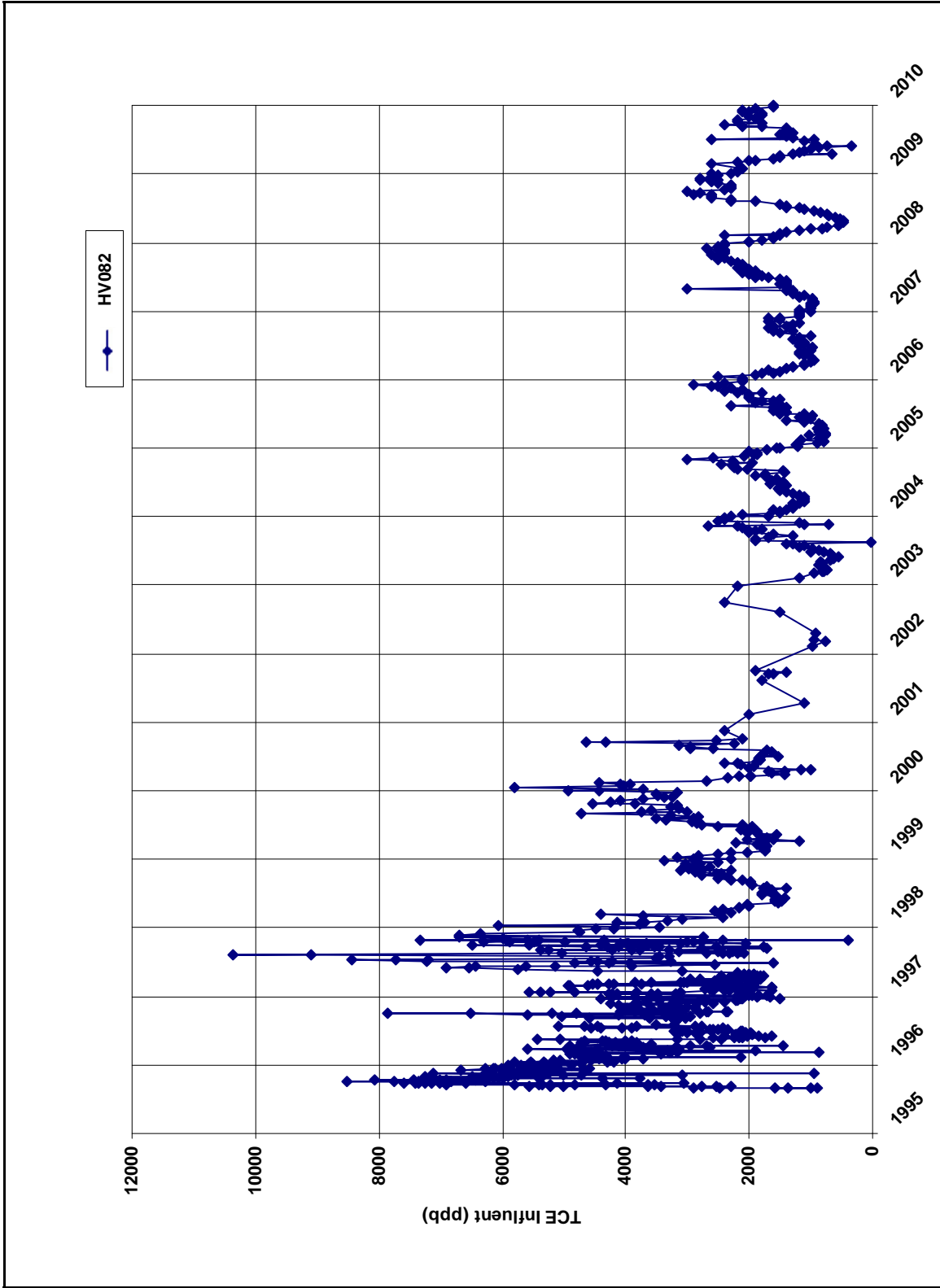


Figure 3. FFA Northeast Plume Groundwater Wells

U.S. DEPARTMENT OF ENERGY
 DOE PORTSMOUTH/PADUCAH PROJECT OFFICE
 PADUCAH GASEOUS DIFFUSION PLANT

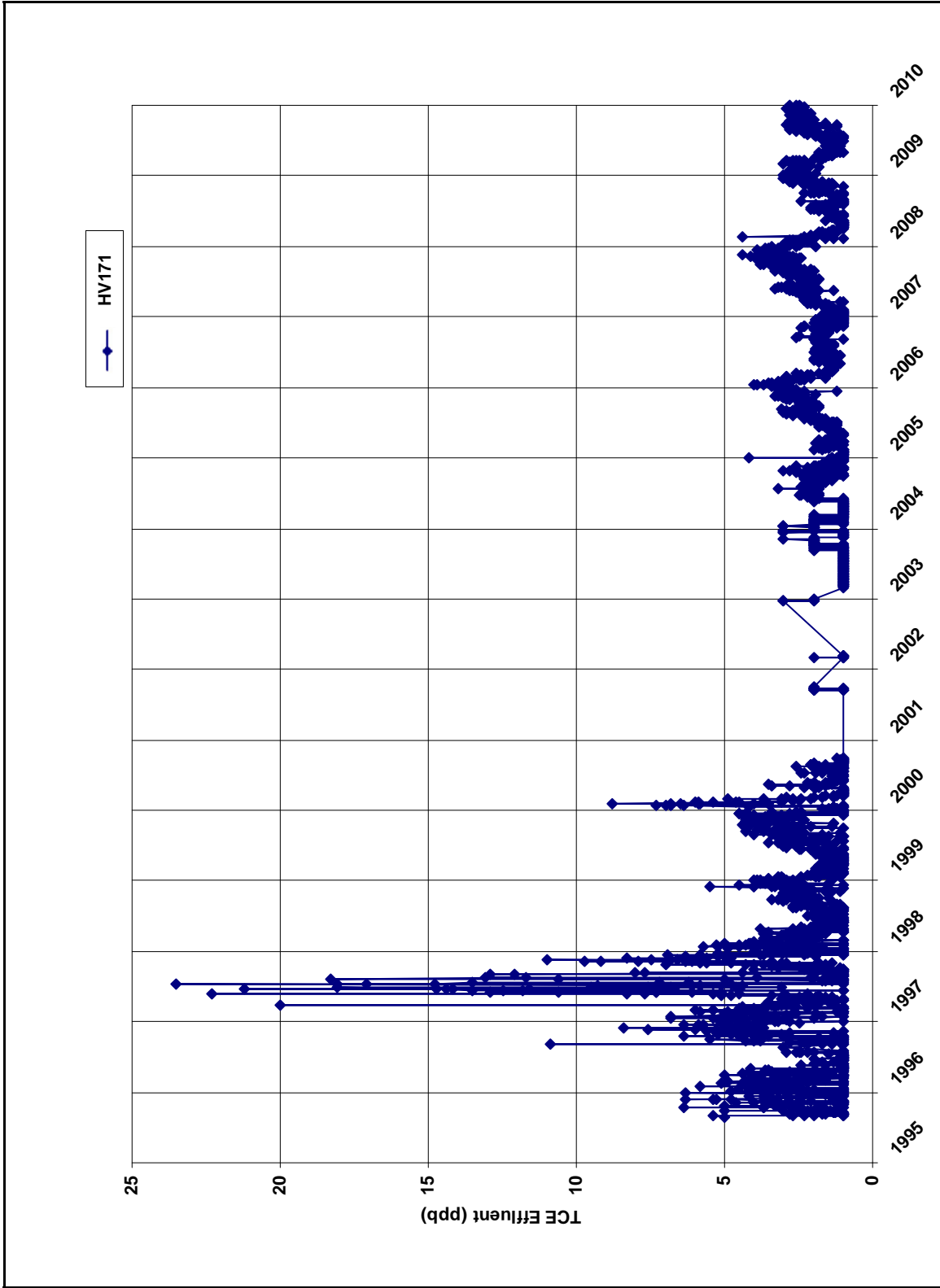
PADUCAH
 Remediation Services
 A Portage Shaw Joint Venture Company

Figure No. c5ac90005sk016r3.apr
 DATE 08-31-09



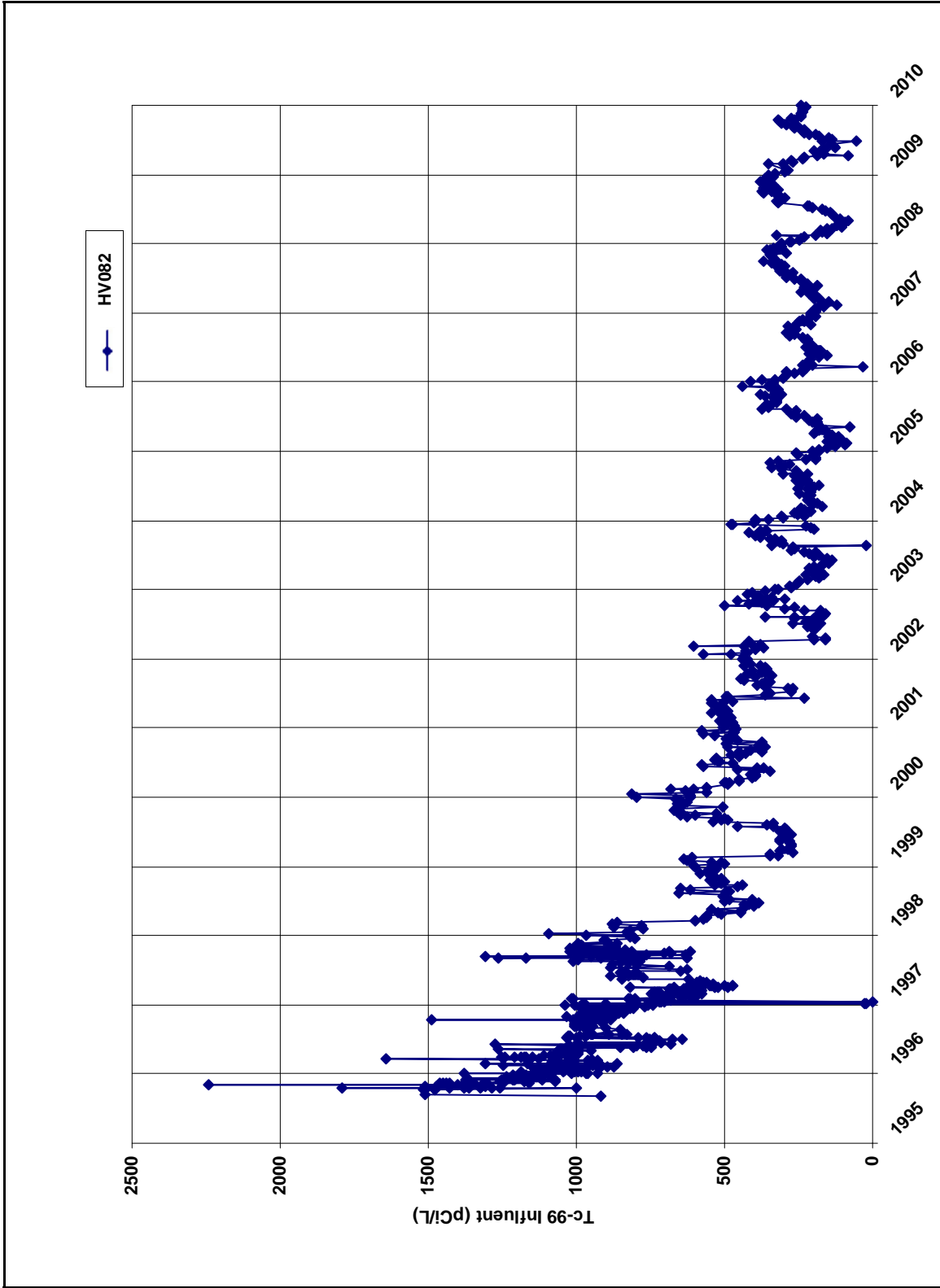
NOTE: Data rejected by validation or assessment have not been graphed.

Figure 4a. Northwest Plume Groundwater System Influent TCE Concentrations



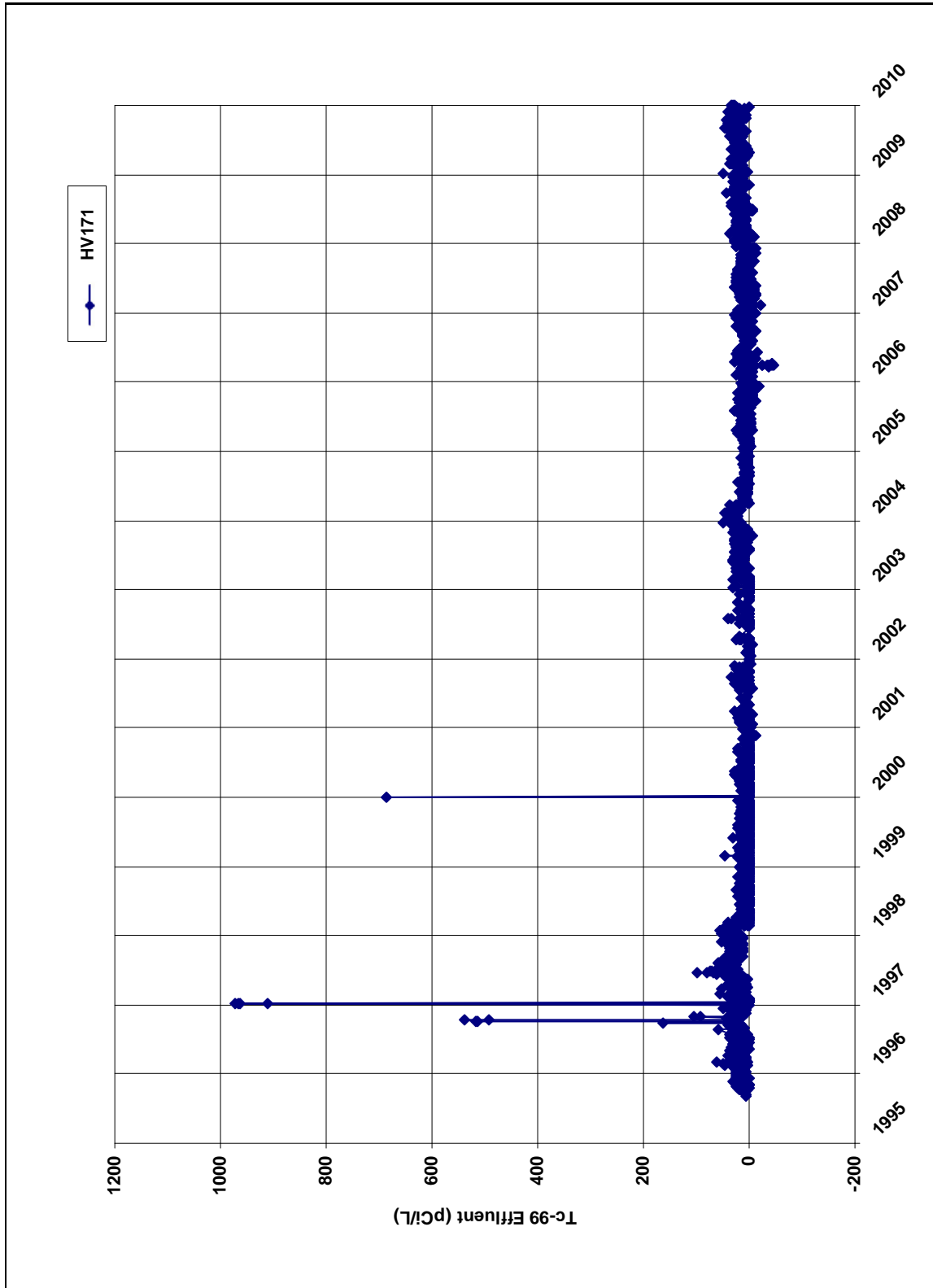
NOTE: Data rejected by validation or assessment have not been graphed.
 Sample result of 280 ug/L collected 9/6/1995 not plotted.

Figure 4b. Northwest Plume Groundwater System Effluent TCE Concentrations



NOTE: Data rejected by validation or assessment have not been graphed.

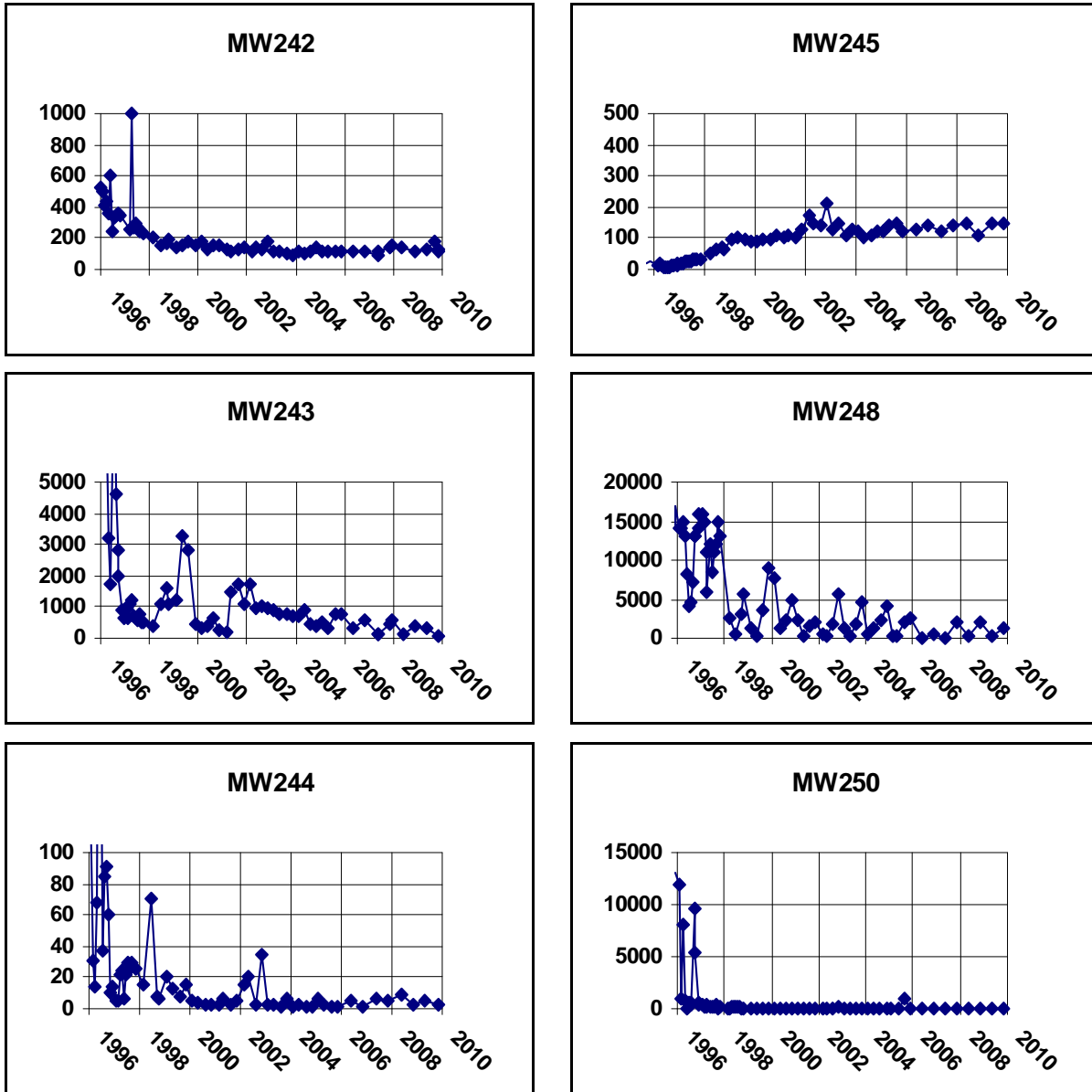
Figure 5a. Northwest Plume Groundwater System Influent Tc-99 Activity



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 5b. Northwest Plume Groundwater System Effluent Tc-99 Activity

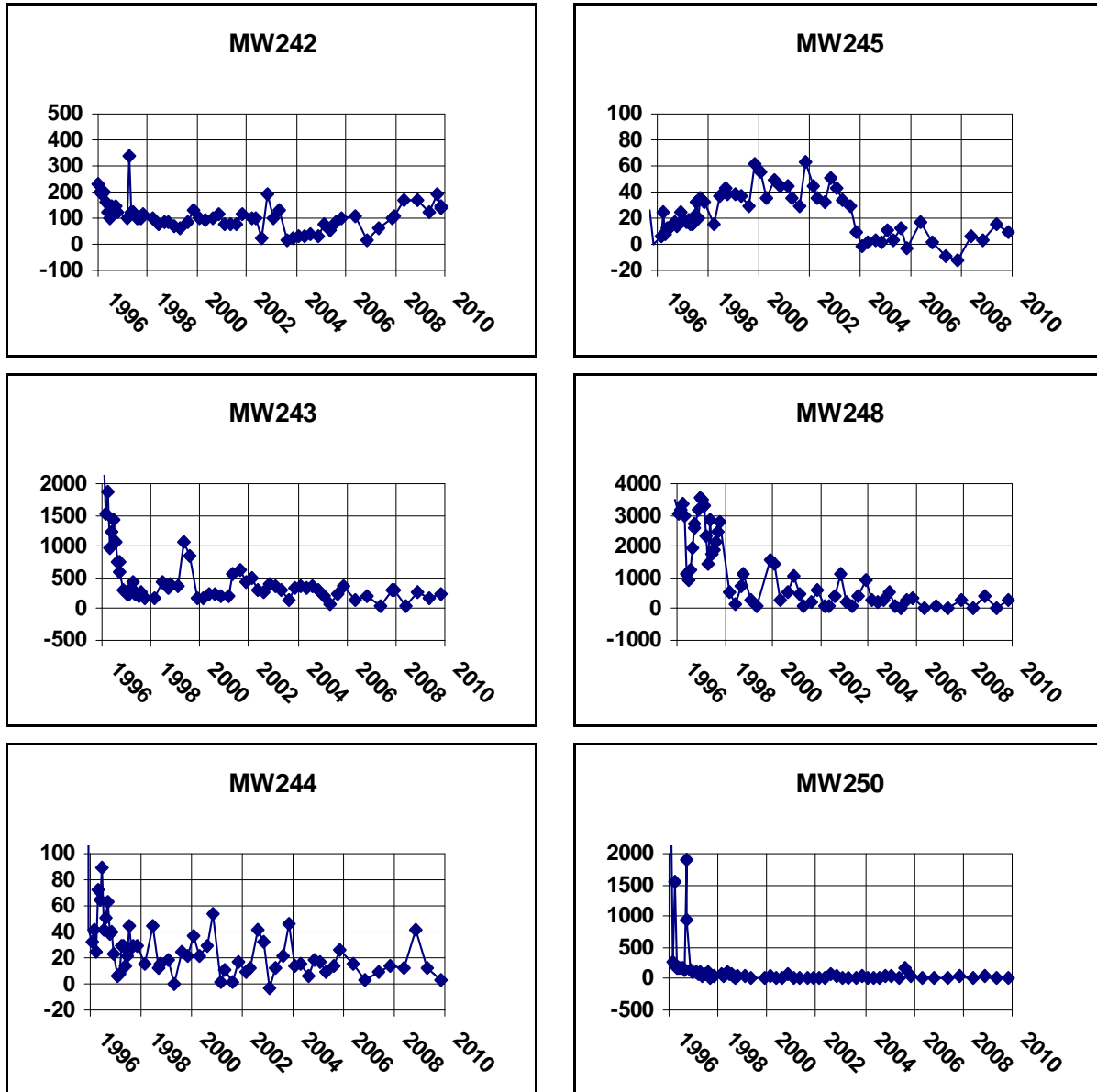
TCE (ppb)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 6a. Northwest Plume—South Well Field TCE Concentrations

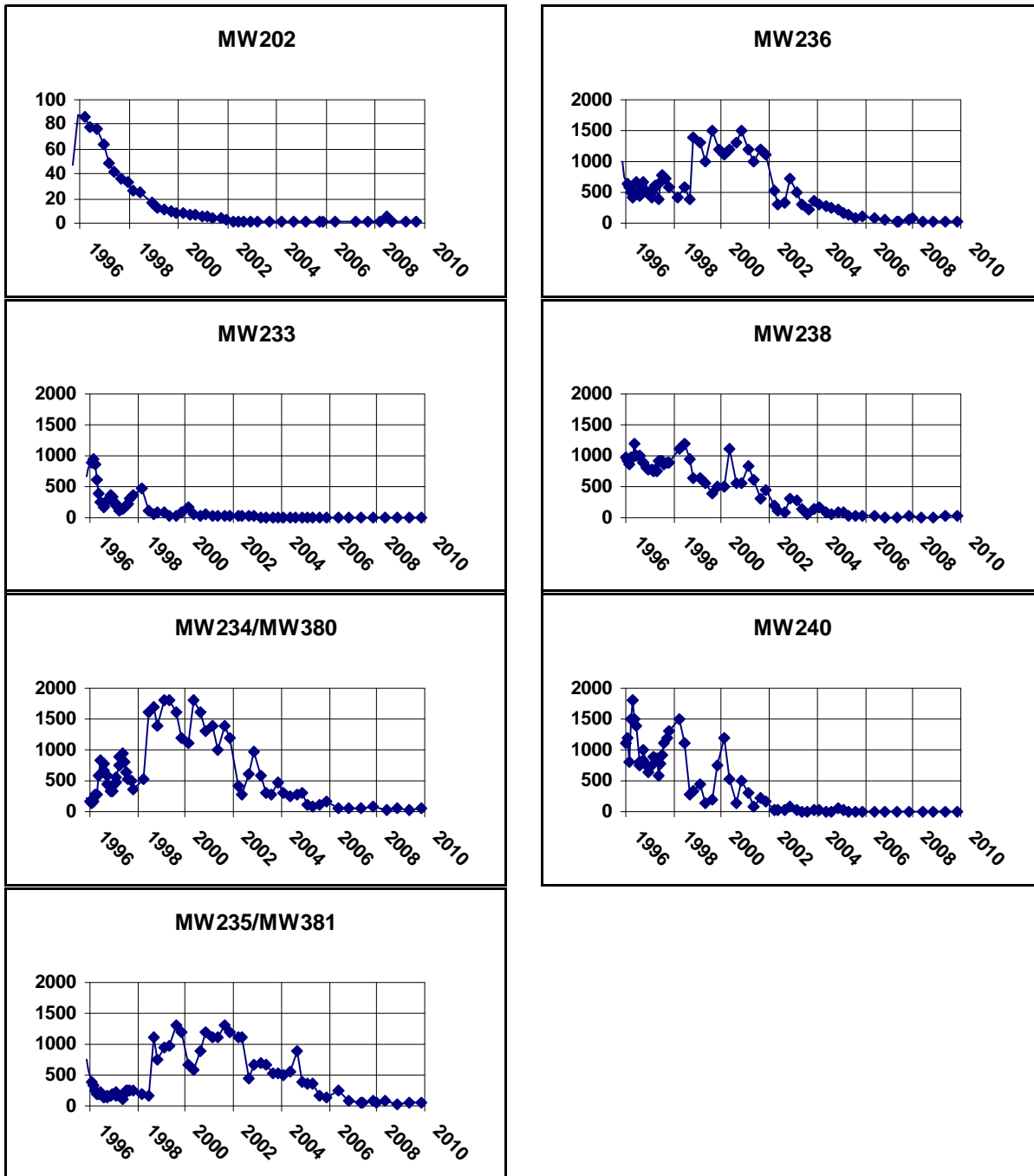
Tc-99 (pCi/L)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 6b. Northwest Plume—South Well Field Tc-99 Activities

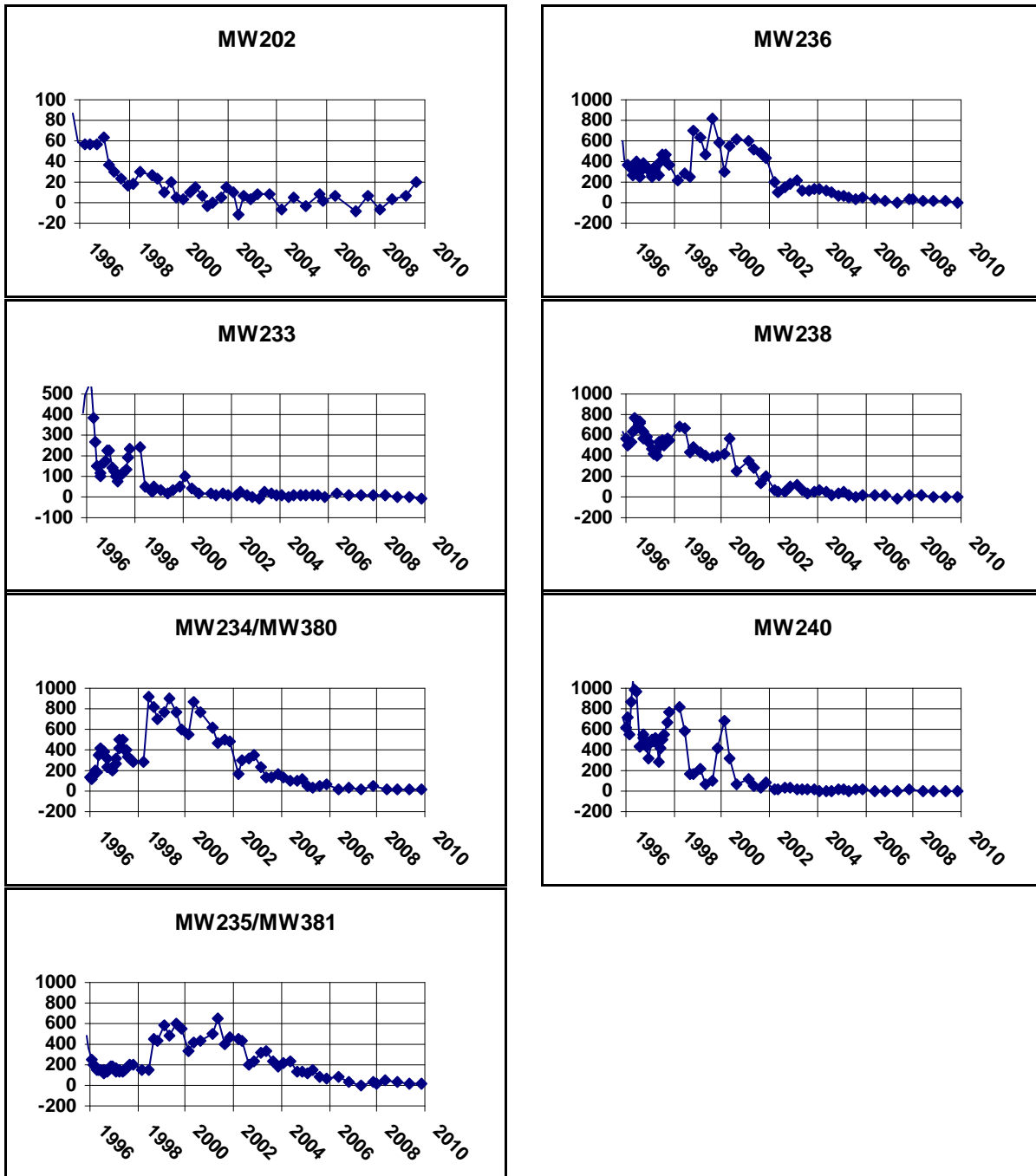
TCE (ppb)



NOTE: Data rejected by validation or assessment have not been graphed.

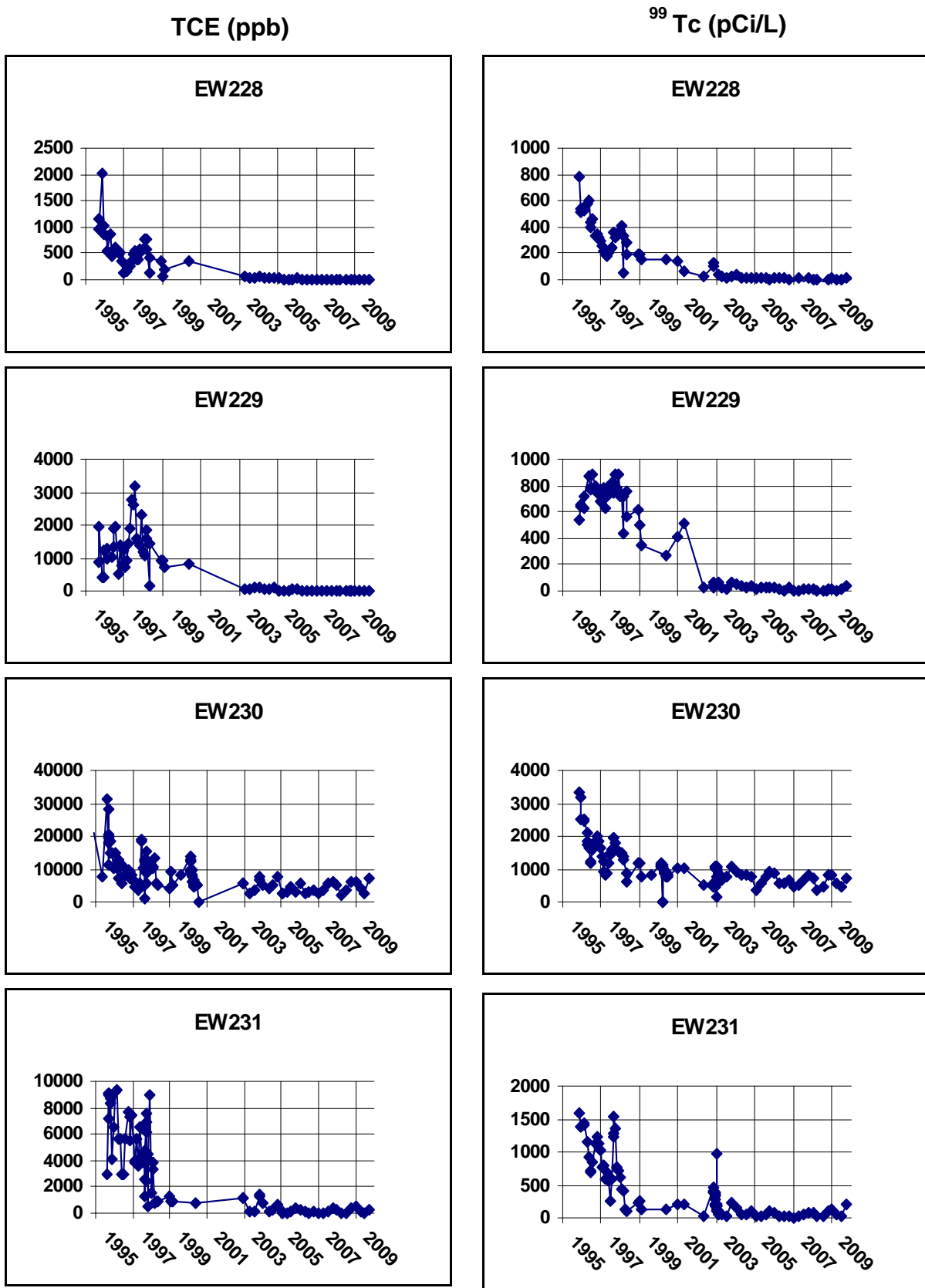
Figure 6c. Northwest Plume—North Well Field TCE Concentrations

Tc-99 (pCi/L)



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 6d. Northwest Plume—North Well Field Tc-99 Activities



NOTE: Data rejected by validation or assessment have not been graphed.

Figure 6e. Northwest Plume—TCE Concentrations and Tc-99 Activities in Extraction Wells

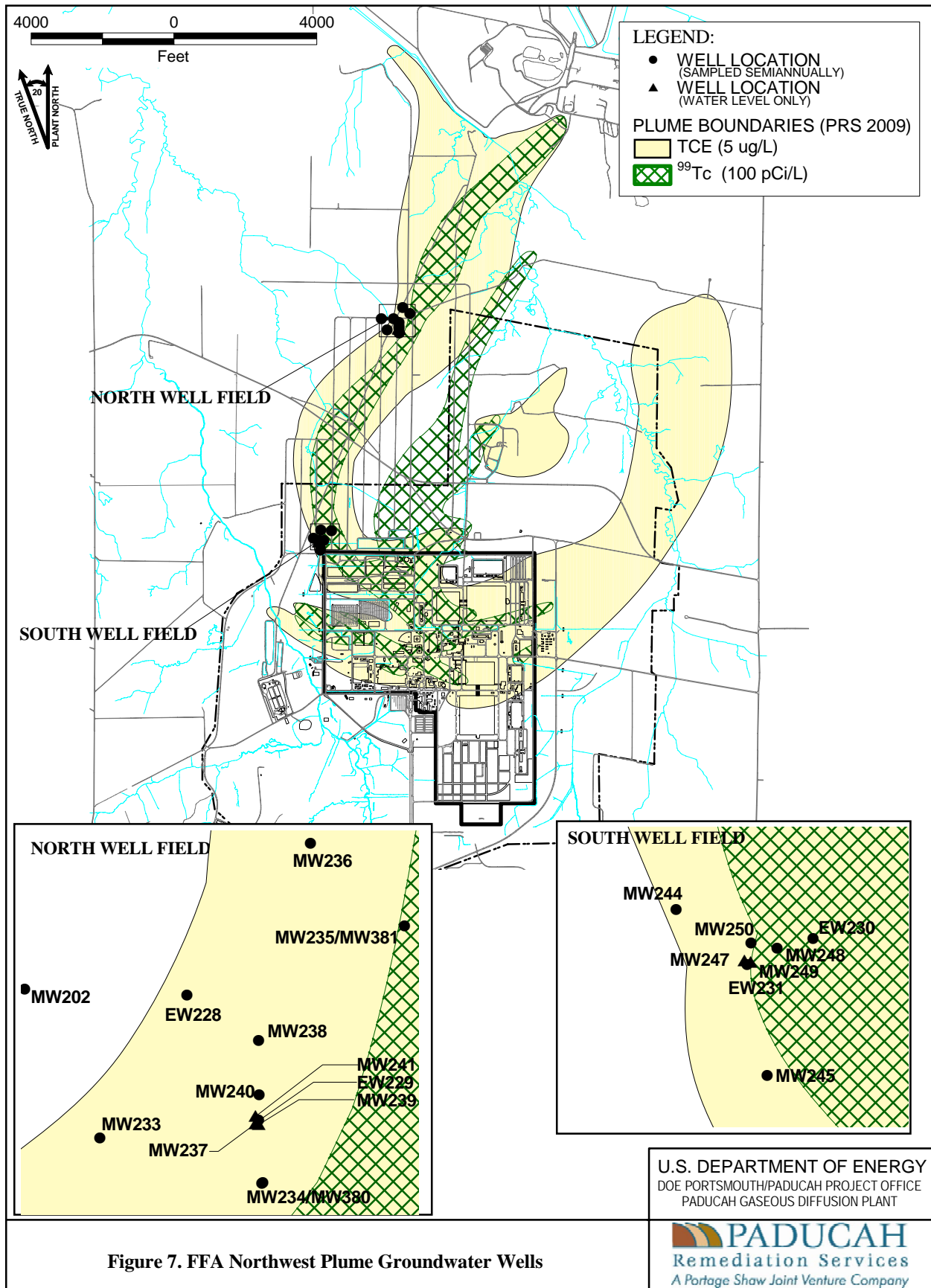


Figure No. c5ac90005sk016r3.apr
DATE 08-31-09

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APPENDIX C

C-746-K LANDFILL DATA

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C-746-K Landfill groundwater data for reporting period 10/1/2009-3/31/2010 are not available at the time of preparation of this report. The data will be included in the next report.

C-746-K Landfill groundwater data for Reporting Period 4/01/2009 -9/30/2009 has been included.

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Paducah OREIS Report for KG09-02

MW300KG2-09

from: MW300

on 4/30/2009

Media: WG

SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride	15		mg/L			2		SW846-9056	/ = /
Nitrate as Nitrogen	1		mg/L	U		1		SW846-9056	/ = /
Sulfate	1070		mg/L			100		SW846-9056	IS / = /
FS									
Barometric Pressure Reading	30.06		Inches/Hg					FS	/ /
Conductivity	196		umho/cm					FS	/ /
Depth to Water	4.41		ft					FS	/ /
Dissolved Oxygen	88		mg/L					FS	/ /
pH	5.21		Std Unit					FS	/ /
Redox	290		mV					FS	/ /
Temperature	59.2		deg F					FS	/ /
Turbidity	107		NTU					FS	/ /
METAL									
Aluminum	0.2		mg/L	U		0.2		SW846-6010B	/ = /
Arsenic	0.00285		mg/L			0.001		SW846-6020	/ = /
Barium	0.0129		mg/L			0.005		SW846-6020	/ = /
Beryllium	0.001		mg/L	U		0.001		SW846-6020	/ = /
Cadmium	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Calcium	297		mg/L			1		SW846-6010B	/ = /
Iron	104		mg/L			0.1		SW846-6010B	1 / = /
Iron (2+)	96		mg/L			26		SM-3500-Fe B 17	/ = /
Lead	0.0013		mg/L	UX		0.0013		SW846-6020	/ = /
Magnesium	59.4		mg/L			0.125		SW846-6010B	/ = /
Manganese	27.4		mg/L	X		0.5		SW846-6020	1 / J /
Nickel	0.0421		mg/L	X		0.005		SW846-6020	S / J /
Potassium	20.8		mg/L			0.2		SW846-6010B	/ = /
Sodium	21.2		mg/L			1		SW846-6010B	/ = /
Uranium	0.001		mg/L	U		0.001		SW846-6020	/ = /
METAL-D									
Arsenic, Dissolved	0.00259		mg/L			0.001		SW846-6020	/ = /
Barium, Dissolved	0.0137		mg/L	X		0.005		SW846-6020	/ J /
Beryllium, Dissolved	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Cadmium, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Lead, Dissolved	0.0013		mg/L	U		0.0013		SW846-6020	/ = /
Uranium, Dissolved	0.001		mg/L	UJ		0.001		SW846-6020	/ = /
RADS									
Alpha activity	-0.39	0.156	pCi/L	UX		15.9	0.176	SW846-9310	/ U /
Beta activity	37	3.39	pCi/L			13.9	5.56	SW846-9310	/ = /
Technetium-99	5.55	11.4	pCi/L	U		17.1	11.4	RL-7100	/ U /
VOA									
1,1,1-Trichloroethane	5		ug/L	U		5		SW846-8260B	/ U /
1,1,2-Trichloroethane	5		ug/L	U		5		SW846-8260B	/ U /
1,1-Dichloroethane	52		ug/L	D		5		SW846-8260B	/ = /
1,1-Dichloroethene	93		ug/L	D		5		SW846-8260B	1 / = /
1,2-Dichloroethane	5		ug/L	U		5		SW846-8260B	/ U /
Benzene	25		ug/L	U		25		SW846-8260B	/ U /
Bromodichloromethane	25		ug/L	U		25		SW846-8260B	/ U /
Carbon tetrachloride	5		ug/L	U		5		SW846-8260B	/ U /
Chloroform	25		ug/L	U		25		SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

cis-1,2-Dichloroethene	640	ug/L	D	5	SW846-8260B	I / = /
Ethylbenzene	25	ug/L	U	25	SW846-8260B	/ U /
Tetrachloroethene	5	ug/L	U	5	SW846-8260B	/ U /
Toluene	25	ug/L	U	25	SW846-8260B	/ U /
Total Xylene	75	ug/L	U	75	SW846-8260B	/ U /
trans-1,2-Dichloroethene	5	ug/L	U	5	SW846-8260B	/ U /
Trichloroethene	14	ug/L	D	5	SW846-8260B	I / = /
Vinyl chloride	120	ug/L	D	10	SW846-8260B	I / = /
WETCHEM						
Alkalinity	90	mg/L		10	EPA-310.1	/ = /

Paducah OREIS Report for KG09-02

MW301DKG2-09

from: MW301

on 4/30/2009

Media: WG

SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride	82		mg/L			8		SW846-9056	S / = /
Nitrate as Nitrogen	1		mg/L	U		1		SW846-9056	/ = /
Sulfate	1870		mg/L			100		SW846-9056	l / = /
FS									
Barometric Pressure Reading	30.06		Inches/Hg					FS	/ /
Conductivity	359		umho/cm					FS	/ /
Depth to Water	8.15		ft					FS	/ /
Dissolved Oxygen	1.43		mg/L					FS	/ /
pH	5.83		Std Unit					FS	/ /
Redox	209		mV					FS	/ /
Temperature	60		deg F					FS	/ /
Turbidity	82.2		NTU					FS	/ /
METAL									
Aluminum	0.2		mg/L	U		0.2		SW846-6010B	/ = /
Arsenic	0.01		mg/L	U		0.01		SW846-6020	/ = /
Barium	0.05		mg/L	U		0.05		SW846-6020	/ = /
Beryllium	0.01		mg/L	U		0.01		SW846-6020	/ = /
Cadmium	0.01		mg/L	UB		0.01		SW846-6020	/ = /
Calcium	450		mg/L			1		SW846-6010B	/ = /
Iron	160		mg/L			0.1		SW846-6010B	l / = /
Iron (2+)	200		mg/L			51		SM-3500-Fe B 17	/ = /
Lead	0.013		mg/L	UX		0.013		SW846-6020	/ = /
Magnesium	120		mg/L			0.125		SW846-6010B	S / = /
Manganese	14.5		mg/L	X		0.5		SW846-6020	l / J /
Nickel	0.05		mg/L	UX		0.05		SW846-6020	/ UJ /
Potassium	33.4		mg/L			0.2		SW846-6010B	/ = /
Sodium	66.3		mg/L			1		SW846-6010B	/ = /
Uranium	0.01		mg/L	U		0.01		SW846-6020	/ = /
METAL-D									
Arsenic, Dissolved	0.002		mg/L			0.001		SW846-6020	/ = /
Barium, Dissolved	0.0209		mg/L	X		0.005		SW846-6020	/ J /
Beryllium, Dissolved	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Cadmium, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Lead, Dissolved	0.0013		mg/L	U		0.0013		SW846-6020	/ = /
Uranium, Dissolved	0.00423		mg/L	J		0.001		SW846-6020	/ J /
RADS									
Alpha activity	17.8	5.64	pCi/L	UX		31.5	6.75	SW846-9310	/ U /
Beta activity	85	7.55	pCi/L			27.7	12.6	SW846-9310	l / = /
Technetium-99	12.3	11.6	pCi/L	U		17.1	11.6	RL-7100	/ U /
VOA									
1,1,1-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1,2-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethane	4.4		ug/L			1		SW846-8260B	/ = /
1,1-Dichloroethene	4.5		ug/L			1		SW846-8260B	S / = /
1,2-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
Benzene	5		ug/L	U		5		SW846-8260B	/ U /
Bromodichloromethane	5		ug/L	U		5		SW846-8260B	/ U /
Carbon tetrachloride	1		ug/L	U		1		SW846-8260B	/ U /
Chloroform	5		ug/L	U		5		SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

cis-1,2-Dichloroethene	51	ug/L		1	SW846-8260B	/ = /
Ethylbenzene	5	ug/L	U	5	SW846-8260B	/ U /
Tetrachloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Toluene	5	ug/L	U	5	SW846-8260B	/ U /
Total Xylene	15	ug/L	U	15	SW846-8260B	/ U /
trans-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Trichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Vinyl chloride	4.6	ug/L		2	SW846-8260B	l / = /
WETCHEM						
Alkalinity	404	mg/L		10	EPA-310.1	/ = /

Paducah OREIS Report for KG09-02

MW301KG2-09

from: MW301

on 4/30/2009

Media: WG

SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride	83		mg/L			8		SW846-9056	S / = /
Nitrate as Nitrogen	1		mg/L	U		1		SW846-9056	/ = /
Sulfate	1910		mg/L			100		SW846-9056	l / = /
FS									
Barometric Pressure Reading	30.06		Inches/Hg					FS	/ /
Conductivity	359		umho/cm					FS	/ /
Depth to Water	8.15		ft					FS	/ /
Dissolved Oxygen	1.43		mg/L					FS	/ /
pH	5.83		Std Unit					FS	/ /
Redox	209		mV					FS	/ /
Temperature	60		deg F					FS	/ /
Turbidity	82.2		NTU					FS	/ /
METAL									
Aluminum	0.2		mg/L	U		0.2		SW846-6010B	/ = /
Arsenic	0.01		mg/L	U		0.01		SW846-6020	/ = /
Barium	0.05		mg/L	U		0.05		SW846-6020	/ = /
Beryllium	0.01		mg/L	U		0.01		SW846-6020	/ = /
Cadmium	0.01		mg/L	UB		0.01		SW846-6020	/ = /
Calcium	638		mg/L			5		SW846-6010B	S / = /
Iron	228		mg/L			0.1		SW846-6010B	l / = /
Iron (2+)	220		mg/L			51		SM-3500-Fe B 17	/ = /
Lead	0.013		mg/L	UX		0.013		SW846-6020	/ = /
Magnesium	134		mg/L			0.125		SW846-6010B	S / = /
Manganese	15.9		mg/L	X		0.5		SW846-6020	l / J /
Nickel	0.05		mg/L	UX		0.05		SW846-6020	/ UJ /
Potassium	45.9		mg/L			0.2		SW846-6010B	S / = /
Sodium	96.7		mg/L			1		SW846-6010B	S / = /
Uranium	0.01		mg/L	U		0.01		SW846-6020	/ = /
METAL-D									
Arsenic, Dissolved	0.00195		mg/L			0.001		SW846-6020	/ = /
Barium, Dissolved	0.0199		mg/L	X		0.005		SW846-6020	/ J /
Beryllium, Dissolved	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Cadmium, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Lead, Dissolved	0.0013		mg/L	U		0.0013		SW846-6020	/ = /
Uranium, Dissolved	0.00321		mg/L	J		0.001		SW846-6020	/ J /
RADS									
Alpha activity	7.32	2.63	pCi/L	UX		31.6	3.04	SW846-9310	/ U /
Beta activity	71	6.57	pCi/L			27.8	10.7	SW846-9310	l / = /
Technetium-99	7.74	11.5	pCi/L	U		17.1	11.5	RL-7100	/ U /
VOA									
1,1,1-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1,2-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethane	3.9		ug/L			1		SW846-8260B	/ = /
1,1-Dichloroethene	3.8		ug/L			1		SW846-8260B	S / = /
1,2-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
Benzene	5		ug/L	U		5		SW846-8260B	/ U /
Bromodichloromethane	5		ug/L	U		5		SW846-8260B	/ U /
Carbon tetrachloride	1		ug/L	U		1		SW846-8260B	/ U /
Chloroform	5		ug/L	U		5		SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

cis-1,2-Dichloroethene	48	ug/L		1	SW846-8260B	/ = /
Ethylbenzene	5	ug/L	U	5	SW846-8260B	/ U /
Tetrachloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Toluene	5	ug/L	U	5	SW846-8260B	/ U /
Total Xylene	15	ug/L	U	15	SW846-8260B	/ U /
trans-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Trichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Vinyl chloride	4	ug/L		2	SW846-8260B	l / = /
WETCHEM						
Alkalinity	236	mg/L		10	EPA-310.1	/ = /

Paducah OREIS Report for KG09-02

MW302KG2-09

from: MW302

on 4/30/2009

Media: WG

SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride	8		mg/L			2		SW846-9056	S / = /
Nitrate as Nitrogen	1		mg/L	U		1		SW846-9056	/ = /
Sulfate	140		mg/L			10		SW846-9056	/ = /
FS									
Barometric Pressure Reading	30.03		Inches/Hg					FS	/ /
Conductivity	740		umho/cm					FS	/ /
Depth to Water	6.95		ft					FS	/ /
Dissolved Oxygen	1.41		mg/L					FS	/ /
pH	6.12		Std Unit					FS	/ /
Redox	448		mV					FS	/ /
Temperature	57.7		deg F					FS	/ /
Turbidity	4.1		NTU					FS	/ /
METAL									
Aluminum	0.2		mg/L	U		0.2		SW846-6010B	/ = /
Arsenic	0.001		mg/L	U		0.001		SW846-6020	/ = /
Barium	0.0564		mg/L			0.005		SW846-6020	/ = /
Beryllium	0.001		mg/L	U		0.001		SW846-6020	/ = /
Cadmium	0.001		mg/L	U		0.001		SW846-6020	/ = /
Calcium	48.9		mg/L			1		SW846-6010B	/ = /
Iron	0.1		mg/L	U		0.1		SW846-6010B	/ = /
Iron (2+)	0.5		mg/L	U		0.5		SM-3500-Fe B 17	/ = /
Lead	0.0219		mg/L	X		0.0013		SW846-6020	/ = /
Magnesium	26.3		mg/L			0.025		SW846-6010B	/ = /
Manganese	0.215		mg/L	X		0.005		SW846-6020	/ J /
Nickel	0.00574		mg/L	X		0.005		SW846-6020	/ J /
Potassium	0.294		mg/L			0.2		SW846-6010B	/ = /
Sodium	74.6		mg/L			1		SW846-6010B	/ = /
Uranium	0.001		mg/L	U		0.001		SW846-6020	/ = /
METAL-D									
Arsenic, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Barium, Dissolved	0.0585		mg/L	X		0.005		SW846-6020	/ J /
Beryllium, Dissolved	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Cadmium, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Lead, Dissolved	0.0013		mg/L	U		0.0013		SW846-6020	/ = /
Uranium, Dissolved	0.001		mg/L	UJ		0.001		SW846-6020	/ = /
RADS									
Alpha activity	1.78	1.26	pCi/L	U		7.56	1.31	SW846-9310	/ U /
Beta activity	1.17	0.274	pCi/L	U		5.84	0.308	SW846-9310	/ U /
Technetium-99	1.39	11	pCi/L	U		17.1	11	RL-7100	/ U /
VOA									
1,1,1-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1,2-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethene	1		ug/L	U		1		SW846-8260B	/ U /
1,2-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
Benzene	5		ug/L	U		5		SW846-8260B	/ U /
Bromodichloromethane	5		ug/L	U		5		SW846-8260B	/ U /
Carbon tetrachloride	1		ug/L	U		1		SW846-8260B	/ U /
Chloroform	5		ug/L	U		5		SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

cis-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Ethylbenzene	5	ug/L	U	5	SW846-8260B	/ U /
Tetrachloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Toluene	5	ug/L	U	5	SW846-8260B	/ U /
Total Xylene	15	ug/L	U	15	SW846-8260B	/ U /
trans-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Trichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Vinyl chloride	2	ug/L	U	2	SW846-8260B	/ U /
WETCHEM						
Alkalinity	234	mg/L		10	EPA-310.1	/ = /

Paducah OREIS Report for KG09-02

MW344KG2-09

from: MW344

on 4/30/2009

Media: WG

SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride	22		mg/L			2		SW846-9056	/ = /
Nitrate as Nitrogen	1		mg/L	U		1		SW846-9056	/ = /
Sulfate	150		mg/L			10		SW846-9056	S / = /
FS									
Barometric Pressure Reading	30		Inches/Hg					FS	/ /
Conductivity	543		umho/cm					FS	/ /
Depth to Water	19.5		ft					FS	/ /
Dissolved Oxygen	1.23		mg/L					FS	/ /
pH	6.08		Std Unit					FS	/ /
Redox	344		mV					FS	/ /
Temperature	62.1		deg F					FS	/ /
Turbidity	58.7		NTU					FS	/ /
METAL									
Aluminum	4		mg/L			0.2		SW846-6010B	/ = /
Arsenic	0.00439		mg/L	X		0.001		SW846-6020	S / = /
Barium	0.0592		mg/L			0.005		SW846-6020	/ = /
Beryllium	0.001		mg/L	U		0.001		SW846-6020	/ = /
Cadmium	0.001		mg/L	U		0.001		SW846-6020	/ = /
Calcium	54.5		mg/L			1		SW846-6010B	/ = /
Iron	3.56		mg/L			0.1		SW846-6010B	/ = /
Iron (2+)	0.5		mg/L	U		0.5		SM-3500-Fe B 17	/ = /
Lead	0.00567		mg/L	X		0.0013		SW846-6020	/ = /
Magnesium	18.3		mg/L			0.025		SW846-6010B	/ = /
Manganese	0.19		mg/L	X		0.005		SW846-6020	IS / J /
Nickel	0.00536		mg/L	X		0.005		SW846-6020	/ J /
Potassium	1.71		mg/L			0.2		SW846-6010B	/ = /
Sodium	29.9		mg/L			1		SW846-6010B	/ = /
Uranium	0.001		mg/L	U		0.001		SW846-6020	/ = /
METAL-D									
Arsenic, Dissolved	0.00365		mg/L			0.001		SW846-6020	/ = /
Barium, Dissolved	0.0426		mg/L	X		0.005		SW846-6020	S / J /
Beryllium, Dissolved	0.001		mg/L	UB		0.001		SW846-6020	/ = /
Cadmium, Dissolved	0.001		mg/L	U		0.001		SW846-6020	/ = /
Lead, Dissolved	0.0013		mg/L	U		0.0013		SW846-6020	/ = /
Uranium, Dissolved	0.001		mg/L	UJ		0.001		SW846-6020	/ = /
RADS									
Alpha activity	2.62	1.58	pCi/L	U		6.01	1.67	SW846-9310	/ U /
Beta activity	5.57	1.11	pCi/L			5.46	1.3	SW846-9310	/ = /
Technetium-99	10.1	11.5	pCi/L	U		17.1	11.5	RL-7100	/ U /
VOA									
1,1,1-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1,2-Trichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
1,1-Dichloroethene	1		ug/L	U		1		SW846-8260B	/ U /
1,2-Dichloroethane	1		ug/L	U		1		SW846-8260B	/ U /
Benzene	5		ug/L	U		5		SW846-8260B	/ U /
Bromodichloromethane	5		ug/L	U		5		SW846-8260B	/ U /
Carbon tetrachloride	1		ug/L	U		1		SW846-8260B	/ U /
Chloroform	5		ug/L	U		5		SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

cis-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Ethylbenzene	5	ug/L	U	5	SW846-8260B	/ U /
Tetrachloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Toluene	5	ug/L	U	5	SW846-8260B	/ U /
Total Xylene	15	ug/L	U	15	SW846-8260B	/ U /
trans-1,2-Dichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Trichloroethene	1	ug/L	U	1	SW846-8260B	/ U /
Vinyl chloride	2	ug/L	U	2	SW846-8260B	/ U /
WETCHEM						
Alkalinity	85	mg/L		10	EPA-310.1	/ = /

Paducah OREIS Report for KG09-02

FBMW301KG2-09

from: QC

on 4/30/2009

Media: WQ

SmpMethod:

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride		2	mg/L	U			2	SW846-9056	/ = /
Nitrate as Nitrogen		1	mg/L	U			1	SW846-9056	/ = /
Sulfate		2	mg/L	U			2	SW846-9056	/ = /
METAL									
Aluminum		0.2	mg/L	U			0.2	SW846-6010B	/ = /
Arsenic		0.001	mg/L	U			0.001	SW846-6020	/ = /
Barium		0.005	mg/L	U			0.005	SW846-6020	/ = /
Beryllium		0.001	mg/L	U			0.001	SW846-6020	/ = /
Cadmium		0.001	mg/L	U			0.001	SW846-6020	/ = /
Calcium		1	mg/L	U			1	SW846-6010B	/ = /
Iron		0.1	mg/L	U			0.1	SW846-6010B	/ = /
Lead		0.0013	mg/L	UX			0.0013	SW846-6020	/ = /
Magnesium		0.025	mg/L	U			0.025	SW846-6010B	/ = /
Manganese		0.005	mg/L	UX			0.005	SW846-6020	/ UJ /
Nickel		0.005	mg/L	UX			0.005	SW846-6020	/ UJ /
Potassium		0.2	mg/L	U			0.2	SW846-6010B	/ = /
Sodium		1	mg/L	U			1	SW846-6010B	/ = /
Uranium		0.001	mg/L	U			0.001	SW846-6020	/ = /
RADS									
Alpha activity		0.354	0.268pCi/L	U			2.2	0.278 SW846-9310	/ U /
Beta activity		0.0746	0.0182pCi/L	U			3.99	0.0203 SW846-9310	/ U /
Technetium-99		15.2	11.7 pCi/L	U			17.1	11.7 RL-7100	/ U /
VOA									
1,1,1-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1,2-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
1,2-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
Benzene		5	ug/L	U			5	SW846-8260B	/ U /
Bromodichloromethane		5	ug/L	U			5	SW846-8260B	/ U /
Carbon tetrachloride		1	ug/L	U			1	SW846-8260B	/ U /
Chloroform		5	ug/L	U			5	SW846-8260B	/ U /
cis-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Ethylbenzene		5	ug/L	U			5	SW846-8260B	/ U /
Tetrachloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Toluene		5	ug/L	U			5	SW846-8260B	/ U /
Total Xylene		15	ug/L	U			15	SW846-8260B	/ U /
trans-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Trichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Vinyl chloride		2	ug/L	U			2	SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

RIMW301KG2-09

from: QC

on 4/30/2009

Media: WQ

SmpMethod:

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Chloride		2	mg/L	U			2	SW846-9056	/ = /
Nitrate as Nitrogen		1	mg/L	U			1	SW846-9056	/ = /
Sulfate		2	mg/L	U			2	SW846-9056	/ = /
METAL									
Aluminum		0.2	mg/L	U			0.2	SW846-6010B	/ = /
Arsenic		0.001	mg/L	U			0.001	SW846-6020	/ = /
Barium		0.005	mg/L	U			0.005	SW846-6020	/ = /
Beryllium		0.001	mg/L	U			0.001	SW846-6020	/ = /
Cadmium		0.001	mg/L	U			0.001	SW846-6020	/ = /
Calcium		1	mg/L	U			1	SW846-6010B	/ = /
Iron		0.1	mg/L	U			0.1	SW846-6010B	/ = /
Lead		0.0013	mg/L	UX			0.0013	SW846-6020	/ = /
Magnesium		0.025	mg/L	U			0.025	SW846-6010B	/ = /
Manganese		0.005	mg/L	UX			0.005	SW846-6020	/ UJ /
Nickel		0.005	mg/L	UX			0.005	SW846-6020	/ UJ /
Potassium		0.2	mg/L	U			0.2	SW846-6010B	/ = /
Sodium		1	mg/L	U			1	SW846-6010B	/ = /
Uranium		0.001	mg/L	U			0.001	SW846-6020	/ = /
RADS									
Alpha activity		0.73	0.487 pCi/L	U			2.18	0.51 SW846-9310	/ U /
Beta activity		0.193	0.0469 pCi/L	U			3.94	0.0522 SW846-9310	/ U /
Technetium-99		2.56	11.4 pCi/L	U			17.1	11.4 RL-7100	/ U /
VOA									
1,1,1-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1,2-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
1,2-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
Benzene		5	ug/L	U			5	SW846-8260B	/ U /
Bromodichloromethane		5	ug/L	U			5	SW846-8260B	/ U /
Carbon tetrachloride		1	ug/L	U			1	SW846-8260B	/ U /
Chloroform		5	ug/L	U			5	SW846-8260B	/ U /
cis-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Ethylbenzene		5	ug/L	U			5	SW846-8260B	/ U /
Tetrachloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Toluene		5	ug/L	U			5	SW846-8260B	/ U /
Total Xylene		15	ug/L	U			15	SW846-8260B	/ U /
trans-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Trichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Vinyl chloride		2	ug/L	U			2	SW846-8260B	/ U /

Paducah OREIS Report for KG09-02

TBMW301KG2-09

from: QC

on 4/30/2009

Media: WQ

SmpMethod:

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
VOA									
1,1,1-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1,2-Trichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
1,1-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
1,2-Dichloroethane		1	ug/L	U			1	SW846-8260B	/ U /
Benzene		5	ug/L	U			5	SW846-8260B	/ U /
Bromodichloromethane		5	ug/L	U			5	SW846-8260B	/ U /
Carbon tetrachloride		1	ug/L	U			1	SW846-8260B	/ U /
Chloroform		5	ug/L	U			5	SW846-8260B	/ U /
cis-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Ethylbenzene		5	ug/L	U			5	SW846-8260B	/ U /
Tetrachloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Toluene		5	ug/L	U			5	SW846-8260B	/ U /
Total Xylene		15	ug/L	U			15	SW846-8260B	/ U /
trans-1,2-Dichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Trichloroethene		1	ug/L	U			1	SW846-8260B	/ U /
Vinyl chloride		2	ug/L	U			2	SW846-8260B	/ U /

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APPENDIX D

**ADMINISTRATIVE RECORD AND
POST-DECISION RECORD INDICES**

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Paducah Documents Added to the Administrative Record Files- Fourth Quarter CY2009

Document Status	Date On Document	Document Id	Title	Author Affiliation	To Affiliation	Protected Information	Object Name
ARFBGOU	10/20/08		RE: EXTENSION NOTICE FOR REVIEW OF THE D-1 REMEDIAL INVESTIGATION REPORT AND BASELINE RISK ASSESSMENT FOR THE BURIAL GROUNDS OPERABLE UNIT (OU22) AT PADUCAH GASEOUS DIFFUSION PLANT (PGDP)	USEPA-4	DOE-PPPO	No	I-05210-0026
ARFBGOU	10/28/08		RE: EPA COMMENTS ON THE D1 REMEDIAL INVESTIGATION WORK PLAN ADDENDUM FOR THE BURIAL GROUNDS OPERABLE UNIT (OU-22): FIELD SAMPLING PLAN (FSP) FOR SOLID WASTE MANAGEMENT UNIT (SWMU) AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP)	USEPA-4	DOE-PPPO	No	I-05209-0052
ARFBGOU	08/03/09	PPPO-02-590-09	EXTENSION REQUEST FOR SUBMITTAL OF THE D1 FEASIBILITY STUDY FOR BURIAL GROUNDS OPERABLE UNIT AT THE PADUCAH GASEOUS DIFFUSION PLANT	DOE-PPPO	USEPA-4	No	I-05211-0007
ARFBGOU	10/06/09	DOE/LX/07-0030&D2	TRANSMITTAL OF THE D2 REMEDIAL INVESTIGATION REPORT FOR THE BURIAL GROUNDS OPERABLE UNIT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0030&D2)	DOE-PPPO	USEPA-4	No	I-05210-0021
ARFBGOU	11/03/09	DOE/LX/07-0030&D2	RE: EXTENSION NOTIFICATION FOR KENTUCKY'S RESPONSE TO THE D2 REMEDIAL INVESTIGATION REPORT FOR THE BURIAL GROUNDS OPERABLE UNIT (DOE/LX/07-0030&D2)	KDEP	DOE-PPPO	No	I-05210-0024
ARFBGOU	11/17/09	DOE/LX/07-0030&D2	EPA CONDITIONAL CONCURRENCE ON THE D-2 REMEDIAL INVESTIGATION REPORT FOR THE BURIAL GROUNDS OPERABLE UNIT (OU 22) AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/07-0030&D2)	USEPA-4	DOE-PPPO	No	I-05210-0030
ARFBGOU	12/04/09	DOE/LX/07-0030&D2	KENTUCKY'S CONDITIONAL CONCURRENCE ON THE D2 REMEDIAL INVESTIGATION REPORT FOR THE BURIAL GROUNDS OPERABLE UNIT (DOE/LX/07-0030&D2)	KDEP	DOE-PPPO	No	I-05210-0029
ARFC-410	06/16/09		PADUCAH AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS-REGULATORY APPROACH	DOE-PPPO	USEPA-4	No	I-05602-0009
ARFC-410	07/01/09		RESPONSE TO PROPOSED REGULATORY PATH FOR PROJECTS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT AT THE PADUCAH GASEOUS DIFFUSION PLANT	USEPA-4	DOE-PPPO	No	I-05602-0007
ARFC-410	09/16/09	DOE/LX/07-0273&D1	TRANSMITTAL OF THE ACTION MEMORANDUM ADDENDUM FOR THE C-410 INFRASTRUCTURE REMOVAL AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0273&D1)	DOE-PPPO	USEPA-4	No	I-05113-0042

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ARFC-410	09/25/09		[KDEP AGREES] REGULATORY FRAMEWORK FOR ARRA WORK FOR C-340, C-410, AND C-746-A EES	KDEP	DOE-PPPO	No	I-05602-0008
ARFC-410	10/20/09		[KDEP] APPROVAL OF THE AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS- REGULATORY PROCESS FOR RCRA REPORTING AND CLOSURE OF AREAS CONTAINING NEWLY DISCOVERED HAZARDOUS WASTE	KDEP	DOE-PPPO	No	I-05602-0010
ARFCC	10/23/09	DOE/LX/07-0099&D2	NOTIFICATION OF SCHEDULE EXTENSION FOR SUBMITTAL OF THE D2 WORK PLAN FOR CERCLA WASTE DISPOSAL ALTERNATIVE EVALUATION REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0099&D2)	DOE-PPPO	USEPA-4	No	I-05309-0008
ARFCC	11/30/09	PPPO-02-217-10	REQUEST FOR A 45-DAY EXTENSION FOR SUBMITTAL OF THE D2 WORK PLAN FOR CERCLA WASTE DISPOSAL ALTERNATIVE EVALUATION REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0099&D2)	DOE-PPPO	USEPA-4	No	I-05309-0012
ARFDDOU	06/16/09	PPPO-02-435-09	PADUCAH AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS-REGULATORY APPROACH	DOE-PPPO	KDEP	No	I-05602-0009
ARFDDOU	07/01/09		RESPONSE TO PROPOSED REGULATORY PATH FOR PROJECTS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT AT THE PADUCAH GASEOUS DIFFUSION PLANT	USEPA-4	DOE-PPPO	No	I-05602-0007
ARFDDOU	09/04/09	DOE/LX/07-0131&D1	TRANSMITTAL OF THE ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-1 EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0131&D1)	DOE-PPPO	USEPA-4	No	I-05612-0003
ARFDDOU	09/25/09		[KDEP AGREES] REGULATORY FRAMEWORK FOR ARRA WORK FOR C-340, C-410, AND C-746-A EES	KDEP	DOE-PPPO	No	I-05602-0008
ARFDDOU	10/20/09		[KDEP] APPROVAL OF THE AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS- REGULATORY PROCESS FOR RCRA REPORTING AND CLOSURE OF AREAS CONTAINING NEWLY DISCOVERED HAZARDOUS WASTE	KDEP	DOE-PPPO	No	I-05602-0010

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ARFDDOU	11/17/09		EPA COMMENTS ON THE ENGINEERING EVALUATION COST ANALYSIS FOR DECOMMISSIONING THE C-340 AND C-746-A BUILDINGS AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) AS A NON-TIME-	USEPA-4	DOE-PPPO	No	I-05612-0002
ARFDDOU	11/23/09	DOE/LX/07-0273&D2	[USEPA] APPROVAL OF THE ACTION MEMORANDUM ADDENDUM FOR THE C-410 BUILDING COMPLEX AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0273&D2)	USEPA-4	DOE-PPPO	No	I-05613-0002
ARFREF	01/16/09	CPI-L-0007	FEEDBACK SUMMARY FROM THE TWO PUBLIC INFORMATION EXCHANGES HELD IN NOVEMBER 2008	PRS	DOE-PPPO	No	A-00010-1247
ARFREF	03/30/09	PPPO-02-391-09	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETINGS CONDUCTED JANUARY 14-15, 2009 AND FEBRUARY 17-19, 2009	DOE-PPPO	USEPA-4	No	I-02001-0674
ARFREF	04/28/09		RE: PADUCAH FEDERAL FACILITY AGREEMENT MODIFICATION TO SECTION XVIII PADUCAH, MCCracken COUNTY, KENTUCKY KY8-890-008-982	KDEP	DOE-PPPO	No	I-02001-0671
ARFREF	05/07/09	PPPO-02-438-09	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETINGS CONDUCTED MARCH 12, 2009	DOE-PPPO	USEPA-4	No	I-02001-0672
ARFREF	05/20/09	DOE/LX/07-0117&D2	TRANSMITTAL OF THE REPLACEMENT PAGES FOR THE D2 FIVE-YEAR REVIEW FOR REMEDIAL ACTIONS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0117&D2)	DOE-PPPO	USEPA-4	No	I-02001-0673
ARFREF	05/21/09		PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD MEETING MINUTES, MAY 21, 2009	CAB	ADMINISTRATIVE RECORD	No	A-00010-1246
ARFREF	07/10/09	DOE/LX/07-0185&D2/R1	TRANSMITTAL OF THE REPLACEMENT PAGE FOR APPENDIX 5 OF THE SITE MANAGEMENT PLAN-FISCAL YEAR 2009, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0185&D2/R1)	DOE-PPPO	USEPA-4	No	I-02001-0670
ARFREF	10/21/09	PPPO-02-108-10	FEDERAL FACILITY AGREEMENT AND 1997 AGREED ORDER (DWM-30039-042) BUDGET NOTIFICATION	DOE-PPPO	USEPA-4	No	I-02001-0665

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ARFREF	11/16/09	DOE/LX/07-0305&D1	TRANSMITTAL OF THE D1 SITE MANAGEMENT PLAN-FISCAL YEAR 2010, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0305&D1) AND PROPOSED FEDERAL FACILITY AGREEMENT MODIFICATION	DOE-PPPO	USEPA-4	No	I-02001-0686
ARFREF	12/03/09	PPPO-02-143-10	TRANSMITTAL OF THE COMMUNITY RELATIONS PLAN UNDER THE FEDERAL FACILITY AGREEMENT AT THE U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT, DOE/OR/07-2099&D2/R6	DOE-PPPO	USEPA-4	No	I-02001-0688
ARFSOU	10/28/08	DOE/LX/07-0060&D2	[KDEP APPROVES] SAMPLING AND ANALYSIS PLAN FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0060&D2)	KDEP	DOE-PPPO	No	I-04909-0088
ARFSOU	11/06/08	DOE/LX/07-0115&D2	THE SITE EVALUATION REPORT FOR SOIL PILE I AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0108&D2) AND SOIL PILE I PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT AND SOLID WASTE MANAGEMENT UNIT ASSESSMENT REPORT (DOE/LX/07-0115&D2)	DOE-PPPO	USEPA-4	No	I-04907-0024
ARFSOU	12/11/08	DOE/LX/07-0108&D2	SITE EVALUATION REPORT FOR SOIL PILE I AT PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0108&D2	USEPA-4	DOE-PPPO	No	I-04907-0039
ARFSOU	12/15/08	DOE/LX/07-0060&D2	REPLACEMENT PAGE FOR SECTION 3 OF THE SAMPLING AND ANALYSIS PLAN FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0060&D2, SECONDARY DOCUMENT)	USEPA-4	DOE-PPPO	No	I-04909-0086
ARFSOU	02/26/09	DOE/LX/07-0121&D2	PROPOSED EXTENSION REQUEST FOR THE SUBMITTAL OF THE D2 ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2)	USEPA-4	DOE-PPPO	No	I-04913-0027
ARFSOU	06/18/09	DOE/LX/07-0188&D2	TRANSMITTAL OF THE D2 SITE EVALUATION REPORT FOR ADDENDUM 2 SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0188&D2)	DOE-PPPO	USEPA-4	No	I-04907-0034
ARFSOU	07/09/09	DOE/LX/07-0220&D1	RE: REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0220&D1	USEPA-4	DOE-PPPO	No	I-04916-0012

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ARFSOU	07/10/09	DOE/LX/07-0220&D1	COMMONWEALTH OF KENTUCKY'S COMMENTS TO THE REMOVAL ACTION WORK PLAN FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES FOR SWMUs 19 (HF NEUTRALIZATION LAGOON) & 181 FIRING RANGE (DOE/LX/07-0220&D1)	USEPA-4	DOE-PPPO	No	I-04916-0013
ARFSOU	08/07/09	PPPO-02-592-09	TRANSMITTAL OF THE REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0220&D2)	DOE-PPPO	USEPA-4	No	I-04916-0019
ARFSOU	09/10/09	DOE/LX/07-0227&D1	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0227&D1)	DOE-PPPO	USEPA-4	No	I-04907-0033
ARFSOU	10/06/09	DOE/LX/07-0121&D2	RE: EXTENSION REQUEST FOR REVIEW OF THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (DOE/LX/07-0120&D2)	KDEP	DOE-PPPO	No	I-04909-0082
ARFSOU	10/07/09	DOE/LX/0220&D2/R1	TRANSMITTAL OF THE D2/R1 REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0220&D2/R1)	DOE-PPPO	USEPA-4	No	I-04916-0009
ARFSOU	10/13/09	DOE/LX/07-0227&D1	REVIEW COMMENTS ON THE SITE EVALUATION REPORT FOR THE RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KY (DOE/LX/07-0227&D1)	USEPA-4	DOE-PPPO	No	I-04907-0035
ARFSOU	10/13/09	DOE/LX/07-0120&D2	RE: EXTENSION REQUEST FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0120&D2)	USEPA-4	DOE-PPPO	No	I-04909-0083
ARFSOU	10/14/09	DOE/LX/07-0220&D2/R1	RE: [KDEP APPROVES] APPROVAL OF THE REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 (DOE/LX/07-0220&D2/R1)	KDEP	DOE-PPPO	No	I-04916-0010
ARFSOU	10/20/09	DOE/LX/07-0225&D2	RE: COMMENTS ON THE SITE EVALUATION REPORT FOR ADDENDUM 1-B SOILS PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0225&D2)	KDEP	DOE-PPPO	No	I-04907-0036
ARFSOU	10/22/09	PPPO-02-151-10	NOTIFICATION OF SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 181 AND SWMU 19 REMOVAL ACTION	DOE-PPPO	USEPA-4	No	I-04916-0014

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ARFSOU	11/04/09	PPPO-02-124-10	NOTIFICATION LETTER FOR CONDUCTING A MAINTENANCE ACTION FOR RUBBLE PILE KY-19 (AREA OF CONCERN 565) AT THE PADUCAH GASEOUS DIFFUSION PLANT	DOE-PPPO	USEPA-4	No	I-04900-0089
ARFSOU	11/12/09	DOE/LX/07-0120&D2	EXTENSION REQUEST FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY, AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0120&D2)	USEPA-4	DOE-PPPO	No	I-04909-0089
ARFSOU	11/12/09	DOE/LX/07-0120&D2	EXTENSION REQUEST FOR REVIEW OF THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (DOE/LX/07-0120&D2)	KDEP	DOE-PPPO	No	I-04909-0090
ARFSOU	11/18/09	DOE/LX/07-0225&D2	CLARIFICATION REQUESTED REGARDING THE D2 SITE EVALUATION REPORT FOR ADDENDUM 1-B SOILS PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0225&D2)	DOE-PPPO	KDEP	No	I-04907-0041
ARFSOU	11/24/09	DOE/LX/07-0225&D2	CONDITIONAL APPROVAL AND RESPONSE TO CLARIFICATION AS TO THE STATUS OF THE SITE EVALUATION REPORT FOR ADDENDUM 1-B SOILS PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0225&D2)	KDEP	DOE-PPPO	No	I-04907-0045
ARFSOU	11/24/09	DOE/LX/07-0015/1B&D2	CONDITION MET FOR APPROVAL OF ADDENDUM 2 TO THE SAMPLING AND ANALYSIS PLAN FOR SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0015/A2&D2) AND ADDENDUM 1-B TO THE SAMPLING AND ANALYSIS PLAN FOR SOIL PILES AT PGDP (DOE/LX/07-0015/1B&D2)	KDEP	DOE-PPPO	No	I-04909-0093
ARFSOU	11/25/09	DOE/LX/07-0121&D1	ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D1)	USEPA-4	DOE-PPPO	No	I-04913-0026
ARFSOU	11/25/09	DOE/LX/07-0188&D2	CONDITIONAL APPROVAL OF THE SITE EVALUATION REPORT FOR ADDENDUM 2 SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0188&D2)	KDEP	DOE-PPPO	No	I-04907-0044
ARFSOU	12/03/09	DOE/LX/07-0188&D2	CONDITIONAL APPROVAL OF THE SITE EVALUATION REPORT FOR ADDENDUM 2 SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0188&D2)	USEPA-4	DOE-PPPO	No	I-04907-0043

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ARFSOU	12/11/09	PPPO-02-113-10	CHANGE IN SCHEDULE FOR THE C-403 NEUTRALIZATION TANK (SOLID WASTE MANAGEMENT UNIT 40) OF THE SOILS OPERABLE UNIT INACTIVE FACILITIES NON-TIME-CRITICAL REMOVAL ACTION AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	DOE-PPPO	DMC-KEVIL	No	I-04907-0048
ARFSOU	12/14/09	DOE/LX/07-0120&D2	CONDITIONAL APPROVAL OF THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY, AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0120&D2)	USEPA-4	DOE-PPPO	No	I-04909-0094
ARFSWOUOSD	12/10/08	DOE/LX/07-0119&D1	[KDEP] CONDITIONAL APPROVAL OF THE ACTION MEMORANDUM FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (DOE/LX/07-0119&D1)	KDEP	DOE-PPPO	No	I-04813-0075
ARFSWOUOSD	09/21/09	DOE/LX/07-0221&D2	RE: CONDITIONAL APPROVAL OF THE D2 REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0221&D2)	USEPA-4	DOE-PPPO	No	I-04816-0171
ARFSWOUOSD	09/23/09	DOE/LX/07-0221&D2	RE: [KY APPROVES] CONDITIONAL APPROVAL OF THE REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE)(DOE/LX/07-0221&D2)PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY	KDEP	DOE-PPPO	No	I-04816-0173
ARFSWOUOSD	10/22/09	PPPO-02-115-10	NOTIFICATION OF MOBILIZATION FOR SURFACE WATER OPERABLE UNIT REMOVAL ACTION	DOE-PPPO	USEPA-4	No	I-04816-0174
ARFSWOUOSD	11/03/09	DOE/LX/07-0221&D2	RE: [KDEP] APPROVAL OF THE REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE) (DOE/LX/07-0221&D2)	KDEP	DOE-PPPO	No	I-04816-0177
ARFSWP	09/30/09	DOE/LX/07-0186&D1	RE: EXTENSION REQUEST FOR THE FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0186&D1)	USEPA-4	DOE-PPPO	No	I-04611-0301

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ARFSWP	10/08/09	DOE/LX/07-0186&D1	RE: COMMENTS ON THE FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0186&D1)	USEPA-4	DOE-PPPO	No	I-046111-0302
ARFSWP	12/18/09	DOE/LX/07-0186&D2	NOTIFICATION OF SCHEDULE EXTENSION FOR SUBMITTAL OF THE D2 FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES (OIL LANDFARM AND C-720 NORTHEAST AND SOUTHEAST SITES) AT THE PGDP (DOE/LX/07-0186&D2)	DOE-PPPO	USEPA-4	No	I-046111-0304

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6PHASE-PD	10/14/08	PRS/I-0974	[KDEP] APPROVAL OF THE REMEDIAL ACTION WORK PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0004&D2/R1)	KDEP	DOE-PPPO	No	I-04616-0084
6PHASE-PD	12/11/08	PRS-ER-C-400 IRA-SAMPLING-001	SAMPLING LOGBOOK, 12-11-08 TO 05/28/2009 TRACY KULIK PRS-ER-C-400IRA-SAMPLING-001	PRS	ADMINISTRATIVE RECORD	No	I-04624-0037
6PHASE-PD	07/01/09	DOE/LX/07-0187&D2	TRANSMITTAL OF THE OPERATIONS AND MAINTENANCE PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0187&D2)	DOE-PPPO	USEPA-4	No	I-04616-0076
6PHASE-PD	07/08/09	PPPO-02-452-09	RESPONSE TO LETTER FROM KENTUCKY DIVISION OF WASTE MANAGEMENT REGARDING BASELINE GROUNDWATER SAMPLE COLLECTION AT THE NORTHWEST CORNER OF THE C-400 BUILDING	DOE-PPPO	KDEP	No	I-04616-0077
6PHASE-PD	07/28/09	DOE/LX/07-0187&D2	[KDEP APPROVES] RE: OPERATIONS AND MAINTENANCE PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0187&D2)	KDEP	DOE-PPPO	No	I-04616-0075

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ARF6	05/05/99	DOE/OR/07-1727&D2, VOL 1-4	WAG 6 (C-400 AREA) REMEDIAL INVESTIGATION REPORT (DOR/OR/07-1727&D2) PGDP, PADUCAH, KENTUCKY (4 DRAWINGS FOR DOE REQUEST)	DOE-PAD	USEPA-4, KDEP	OUO	I-00810-0072
ARF6PHASE	05/05/99	DOE/OR/07-1727&D2, VOL 1-4	WAG 6 (C-400 AREA) REMEDIAL INVESTIGATION REPORT (DOR/OR/07-1727&D2) PGDP, PADUCAH, KENTUCKY (4 DRAWINGS FOR DOE REQUEST)	DOE-PAD	USEPA-4, KDEP	OUO	I-00810-0072
ARFBGOU	10/02/08	PPPO-02-654-08	ADDENDUM TO THE WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY-SOLID WASTE MANAGEMENT UNIT 13 FIELD SAMPLING PLAN (DOE/OR/07-2179/A1&D1)	DOE-PPPO	USEPA-4, KDEP	No	I-05209-0053
ARFBGOU	11/17/08	PRS/I-1002	EPA COMMENTS ON THE D-1 REMEDIAL INVESTIGATION REPORT AND BASELINE RISK ASSESSMENT FOR THE BURIAL GROUNDS OPERABLE UNIT (OU 22) AT PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/ &-0030&D1)	USEPA-4	DOE-PPPO, PRS	No	I-05210-0023
ARFBGOU	12/05/08	PPPO-02-209-09	ADDENDUM TO THE WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY-SOLID WASTE MANAGEMENT UNIT 13 FIELD SAMPLING PLAN (DOE/OR/07-2179/A1&D2)	USEPA-4	USEPA-4, KDEP	No	I-05209-0054
ARFBGOU	01/07/09	PRS/I-1042, DOE/OR/07-2179/A1&D2	EXTENSION REQUEST FOR THE D2 ADDENDUM TO THE WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY-SWMMU 13 FIELD SAMPLING PLAN (DOE/OR/07-2179/A1&D2)	KDEP	DOE-PPPO, PRS	No	I-05209-0049
ARFBGOU	02/26/09		[EPA APPROVES] EXTENSION APPROVAL FOR SUBMITTAL OF THE D-2 REMEDIAL INVESTIGATION REPORT AND BASELINE RISK ASSESSMENT FOR THE BURIAL GROUNDS OPERABLE UNIT (OU22) AT PADUCAH GASEOUS DIFFUSION PLANT (PGDP)	USEPA-4	DOE-PPPO	No	I-05210-0032
ARFBGOU	06/29/09	DOE/LX/07-0030&D1R1	EPA COMMENTS ON THE BURIAL GROUNDS RI REPORT, D1/R1 FOR THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/07-0030&D1/R1)	USEPA-4	DOE-PPPO	No	I-05210-0034
ARFBGOU	08/31/09	PPPO-02-650-09	NOTIFICATION OF SCHEDULE EXTENSION FOR SUBMITTAL OF THE D2 REMEDIAL INVESTIGATION REPORT FOR THE BURIAL GROUNDS OPERABLE UNIT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0030&D2)	DOE-PPPO	USEPA-4, KDEP	No	I-05210-0033
ARFBGOU	11/02/09	DOE/LX/07-0030&D2	NOTICE OF EXTENSION FOR SUBMITTAL OF COMMENTS ON THE BURIAL GROUNDS RI REPORT, D2, FOR THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/07-0030&D2)	USEPA-4	DOE-PPPO	No	I-05210-0031
ARFBGOU	12/22/09	PPPO-02-704-09	REVISED ASSESSMENT REPORTS FOR SOLID WASTE MANAGEMENT UNITS 7 AND 30	DOE-PPPO	USEPA-4, KDEP	No	I-05207-0001

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ARFBGOU	01/07/10	PPPO-02-275-10	EXTENSION REQUEST FOR SUBMITTAL OF BURIAL GROUNDS OPERABLE UNIT DOCUMENTS; D2/R1 REMEDIAL INVESTIGATION RPT, D1 FEASIBILITY STUDY, D1 PROPOSED PLAN, AND EXTENDED DEADLINE FOR INVOKING DISPUTE RESOLUTION REGARDING CONDITIONAL CONCURRENCE FOR THE D2 RI RPT	DOE-PPPO	USEPA-4, KDEP	No	I-05211-0012
ARFBGOU	01/08/10		COMMONWEALTH OF KENTUCKY'S APPROVAL OF DOE'S EXTENSION REQUEST TO SUBMIT THE FEASIBILITY STUDY AND D2/R1 REMEDIAL INVESTIGATION REPORT, D1 FEASIBILITY STUDY, D1 PROPOSED PLAN, AND EXTENDED DEADLINE FOR INVOKING DISPUTE RESOLUTION FOR THE BGOU	KDEP	DOE-PPPO	No	I-05211-0011
ARFBGOU	01/28/10	PPPO-02-319-10	MILESTONE MODIFICATION REQUEST FOR SUBMITTAL OF THE D1 FEASIBILITY STUDY FOR THE BURIAL GROUNDS OPERABLE UNIT AND THE D1 PROPOSED PLAN FOR THE BGOU, AND EXTENSION REQUEST FOR SUBMITTAL OF THE D2/R1 REMEDIAL INVESTIGATION REPORT FOR THE BGOU	DOE-PPPO	USEPA-4	No	I-05211-0014
ARFBGOU	02/02/10		[KDEP GRANTS] COMMONWEALTH OF KENTUCKY'S APPROVAL OF DOE'S EXTENSION REQUEST TO SUBMIT THE D2/R1 REMEDIAL INVESTIGATION REPORT, THE D1 FEASIBILITY STUDY AND THE D1 PROPOSED PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT	KDEP	DOE-PPPO	No	I-05211-0015
ARFC-340	07/23/09	DOE/LX/07-0184&D1	COMMENTS ON REMOVAL NOTIFICATION FOR DECOMMISSIONING OF THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-1 EAST END SMELTER (DOE/LX/07-0184&D1) UNDER OPERABLE UNIT 22 (DEACTIVATION AND DECOMMISSIONING AT THE PGDP	USEPA-4	DOE-PPPO	No	I-05607-0002
ARFC-340	08/25/09	DOE/LX/07-0184&D2	TRANSMITTAL OF THE REMOVAL NOTIFICATION FOR DECOMMISSIONING OF THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-1 EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0184&D2)	DOE-PPPO	USEPA-4	No	I-05607-0004
ARFC-340	09/16/09	DOE/LX/07-0184&D1	TRANSMITTAL OF THE REMOVAL NOTIFICATION FOR DECOMMISSIONING OF THE C-340 METALS BUILDING COMPLEX AND THE C-746-1 EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0184&D1)	DOE-PPPO	USEPA-4	No	I-05607-0001
ARFC-340	09/23/09	DOE/LX/07-0184&D2	[KDEP APPROVES] REMOVAL NOTIFICATION FOR DECOMMISSIONING OF THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER (DOE/LX/07-01084&D2)	KDEP	DOE-PPPO	No	I-05607-0003
ARFC-340	10/05/09	DOE/LX/07-0184&D2	[EPA APPROVES] REMOVAL NOTIFICATION FOR DECOMMISSIONING OF THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER (DOE/LX/07-0184&D2) FOR THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP)	USEPA-4	DOE-PPPO	No	I-05607-0005
ARFC-340	10/06/09	PPPO-02-624-09	AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS- REGULATORY PROCESS FOR RESOURCE CONSERVATION AND RECOVERY ACT REPORTING AND CLOSURE OF AREAS CONTAINING NEWLY DISCOVERED HAZARDOUS WASTE	DOE-PPPO	KDEP	No	I-05602-0016

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ARFC-340	10/08/09	DOE/LX/07-0131&D1	ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER (DOE/LX/07-0131&D1)	KDEP	DOE-PPPO	No	I-05612-0012
ARFC-340	10/23/09	PPPO-02-135-10	NOTIFICATION OF NEW SOLID WASTE MANAGEMENT UNIT FOR NEWLY DISCOVERED HAZARDOUS WASTE IN C-340, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, MCCracken COUNTY KY 8-890-008-982, AGENCY INTEREST NO. 3059	DOE-PPPO	KDEP	No	I-05607-0006
ARFC-340	11/06/09	DOE/LX/07-0131&D1	KENTUCKY'S COMMENTS ON THE D1 ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER (DOE/LX/07-0131&D1)	KDEP	DOE-PPPO	No	I-05612-0011
ARFC-340	12/21/09	DOE/LX/07-0131&D2	NOTIFICATION OF SCHEDULE EXTENSION FOR SUBMITTAL OF THE D2 ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METAL REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KY (DOE/LX/07-0131&D2)	DOE-PPPO	USEPA-4	No	I-05612-0006
ARFC-340	12/22/09	DOE/LX/07-0131&D2	[KDEP GRANTS] APPROVAL OF THE EXTENSION REQUEST FOR THE D2 ENGINEERING EVALUATION/COST ANALYSIS FOR THE C-340 AND C-746-A COMPLEXES (DOE/LX/07-0131&D2)	KDEP	DOE-PPPO	No	I-05612-0005
ARFC-340	01/25/10	PPPO-02-270-10	TRANSMITTAL OF THE ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0131&D2	DOE-PPPO	USEPA-4	No	I-05612-0009
ARFC-340	01/27/10	PPPO-02-300-10	EXTENSION REQUEST FOR SUBMITTAL OF THE D2 ENGINEERING EVALUATION/COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0131&D2)	DOE-PPPO	USEPA-4	No	I-05612-0013
ARFC-340	02/01/10		MEMORANDUM TO ADMINISTRATIVE RECORD FILES-STATUS CODE CHANGE, FOR CLARIFICATION PURPOSES. EXISTING CODE IS SIMILAR TO ANOTHER STATUS CODE. ARFDDOU CHANGED TO ARFC-340.	SST	PRS	No	I-05600-0010
ARFC-340	02/22/10	PPPO-02-377-10	TRANSMITTAL OF THE REPLACEMENT PAGES FOR THE ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0131&D2	DOE-PPPO	USEPA-4	No	I-05612-0010
ARFC-340	03/26/10	PPPO-02-451-10, DOE/LX/07-0131&D2/R1	TRANSMITTAL OF THE REPLACEMENT PAGES FOR THE ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0131&D2/R1)	DOE-PPPO	USEPA-4, KDEP	No	I-05612-0014
ARFC-340	03/29/10	DOE/LX/07-0131&D2/R1	[KDEP] APPROVAL OF THE ENGINEERING EVALUATION COST ANALYSIS FOR THE C-340 METALS REDUCTION PLANT COMPLEX AND THE C-746-A EAST END SMELTER (DOE/LX/07-0131&D2/R1)	KDEP	DOE-PPPO	No	I-05612-0015

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ARFC-410	10/06/09		AMERICAN RECOVERY AND REINVESTMENT ACT PROJECTS- REGULATORY PROCESS FOR RESOURCE CONSERVATION AND RECOVERY ACT REPORTING AND CLOSURE OF AREAS CONTAINING NEWLY DISCOVERED HAZARDOUS WASTE	DOE-PPPO	KDEP	No	I-05602-0016
ARFC-410	11/13/09	PPPO-02-160-10	TRANSMITTAL OF THE ACTION MEMORANDUM ADDENDUM FOR THE C-410 INFRASTRUCTURE REMOVAL AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0273&D2)	DOE-PPPO	USEPA-4	No	I-05113-0043
ARFC-410	11/16/09	DOE/LX/07-0273&D2	[KDEP APPROVES] ACTION MEMORANDUM ADDENDUM FOR THE C-410 INFRASTRUCTURE REMOVAL AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0273&D2)	KDEP	DOE-PPPO	No	I-05113-0045
ARFC-410	11/23/09	DOE/LX/07-0273&D2	[EPA] APPROVAL OF THE ACTION MEMORANDUM ADDENDUM FOR THE C-410 BUILDING COMPLEX AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0273&D2)	USEPA-4	DOE-PPPO	No	I-05113-0044
ARFC-410	12/21/09	DOE/LX/0304&D1	EXTENSION REQUEST FOR THE REMOVAL ACTION WORK PLAN ADDENDUM FOR THE C-410 INFRASTRUCTURE AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0304&D1)	DOE-PPPO	USEPA-4	No	I-05116-0083
ARFC-410	12/22/09	DOE/LX/07-0304&D1	[KDEP GRANTS] APPROVAL OF THE EXTENSION REQUEST FOR THE REMOVAL ACTION WORK PLAN ADDENDUM FOR THE C-410 INFRASTRUCTURE REMOVAL (DOE/LX/07-0304&D1)	KDEP	DOE-PPPO	No	I-05116-0084
ARFC-410	02/22/10	PPPO-02-226-10	TRANSMITTAL OF THE REMOVAL ACTION WORK PLAN ADDENDUM FOR THE C-410 INFRASTRUCTURE REMOVAL AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0304&D1	DOE-PPPO	USEPA-4	No	I-05116-0091
ARFCC	02/11/08		THREE REQUESTS RELATED TO RADIOLOGICAL SAMPLING AND RESULTS DISTRIBUTED BY KENTUCKY ENVIRONMENTAL AND PUBLIC PROTECTION CABINET (EPPC)	CHFS	DOE-PPPO	No	I-05302-0052
ARFCC	06/03/09		WASTE DISPOSITION OPTIONS SEISMIC MEETING TO BE HELD IN OAK RIDGE, TN	KDEP	DOE-PPPO	No	I-05302-0053
ARFCC	06/19/09	DOE/OR/07-2038&D2	SEISMIC INVESTIGATION REPORT FOR SITING OF A POTENTIAL ON-SITE CERCLA WASTE DISPOSAL FACILITY AT THE PADUCAH GASEOUS DIFFUSION PLANT PADUCAH, KENTUCKY (DOE/OR/07-2038&D2)	KDEP	DOE-PPPO	No	I-05306-0108
ARFCC	09/03/09	ENM-L-1226	TRANSMITTAL OF PRELIMINARY LIST OF POTENTIAL APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS FOR THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT WASTE DISPOSAL OPTIONS PROJECT	PRS	USEPA-4	No	I-05309-0017
ARFCC	12/01/09	DOE/LX/07-0099&D2	EPA APPROVAL OF EXTENSION REQUEST FOR SUBMITTAL OF THE D-2 WORK PLAN FOR CERCLA WASTE DISPOSAL ALTERNATIVE EVALUATION RIFS AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/07-0099&D2)	USEPA-4	DOE-PPPO	No	I-05309-0015
ARFCC	12/09/09	DOE/LX/07-0099&D2	APPROVAL OF 45-DAY EXTENSION REQUEST FOR SUBMITTAL OF THE D2 WORK PLAN FOR THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT WASTE DISPOSAL ALTERNATIVE EVALUATION REMEDIAL INVESTIGATION FEASIBILITY STUDY AT PGDP (DOE/LX/07-0099&D2)	KDEP	DOE-PPPO	No	I-05309-0013

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ARFCC	01/14/10	DOE/LX/07-0099&D2	TRANSMITTAL OF THE WORK PLAN FOR CERCLA WASTE DISPOSAL ALTERNATIVES EVALUATION REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0099&D2)	DOE-PPPO	USEPA-4	No	I-05309-0014
ARFNSDD	05/05/99		WAG 6 (C-400 AREA) REMEDIAL INVESTIGATION REPORT (DOR/OR/07-1727&D2) PGDP, PADUCAH, KENTUCKY (4 DRAWINGS FOR DOE REQUEST)	DOE-PAD	USEPA-4, KDEP	OUO	I-00810-0072
ARFREF	02/08/08	PPPO-02-300-08	FEDERAL FACILITY AGREEMENT MANAGERS' MEETING CONDUCTED JANUARY 17, 2008	DOE-PPPO	KDEP	No	I-02001-0710
ARFREF	04/29/08	PPPO-02-409-08	U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT FEDERAL FACILITY AGREEMENT SEMI-ANNUAL PROGRESS REPORT FOR THE FIRST HALF OF FISCAL YEAR 2008, PADUCAH, KENTUCKY	DOE-PPPO	USEPA-4	No	I-02001-0714
ARFREF	05/06/08	PPPO-02-437-08	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED APRIL 17, 2008	DOE-PPPO	USEPA-4	No	I-02001-0713
ARFREF	05/12/08	DOE/LX/07-0105	REVIEW OF THE FISCAL YEAR 2008 SITE MANAGEMENT PLAN, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0105&D1)	USEPA-4	DOE-PPPO	No	I-02001-0703
ARFREF	06/05/08	PPPO-02-494-08	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED MAY 15, 2008	DOE-PPPO	USEPA-4	No	I-02001-0716
ARFREF	06/06/08	(DOE/LX/07-0105&D2)	SITE MANAGEMENT PLAN-ANNUAL REVISION--FY 2008 (DOE/LX/07-0105&D2)	KDEP	DOE-PPPO	No	I-02001-0711
ARFREF	09/02/08	PPPO-02-642-08	PADUCAH FEDERAL FACILITY AGREEMENT MODIFICATION-FISCAL YEAR 2008 SITE MANAGEMENT PLAN, ENFORCEABLE COMMITMENTS, AND LIST OF SOLID WASTE MANAGEMENT UNITS/AREAS OF CONCERNS	DOE-PPPO	USEPA-4	No	I-02001-0705
ARFREF	09/15/08	DOE/LX/07-0060&D1	PADUCAH FEDERAL FACILITY AGREEMENT MODIFICATION-FISCAL YEAR 2008 SITE MANAGEMENT PLAN, ENFORCEABLE COMMENTS, AND LIST OF SOLID WASTE MANAGEMENT UNITS/AREAS OF CONCERNS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0060&D1)	KDEP	DOE-PPPO	No	I-02001-0694
ARFREF	10/15/08	PRS/I-0965, PPPO-02-106-09	FEDERAL FACILITY AGREEMENT AND 1997 AGREED ORDER (DWM-30039-042) BUDGET NOTIFICATION	DOE-PPPO	USEPA-4, KDEP	No	I-02001-0667
ARFREF	12/16/08	PRS/I-1026	RE: REPLY TO EXTENSION REQUEST BY THE U.S. DEPARTMENT OF ENERGY FOR THE D1 FISCAL YEAR 2009 SITE MANAGEMENT PLAN, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0185&D1)	USEPA-4	DOE-PPPO, PRS	No	I-02001-0659
ARFREF	02/16/09	PPPO-02-322-09	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED NOVEMBER 20, 2008	DOE-PPPO	USEPA-4	No	I-02001-0719
ARFREF	02/16/09	PPPO-02-300-09	FEDERAL FACILITY AGREEMENT INTEGRATED PRIORITY LIST AND ASSESSMENT OF BUDGET TARGETS ON SITE PRIORITIES	DOE-PPPO	USEPA-4	No	I-02001-0720
ARFREF	03/12/09	PRS/I-1082, DOE/LX/07-0185&D2	APPROVAL OF THE 2009 SITE MANAGEMENT PLAN ANNUAL REVISION (DOE/LX/07-0185&D2), PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, MCCracken COUNTY, KENTUCKY, KY8-890-008-982	KDEP	DOE-PPPO	No	I-02001-0664

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ARFREF	03/27/09	PPPO-02-390-09	TRANSMITTAL OF THE D2/R1 SITE MANAGEMENT PLAN ANNUAL REVISION FISCAL YEAR 2009, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0185&D2/R1)	DOE-PPPO	USEPA-4	No	I-02001-0696
ARFREF	03/30/09	DOE/LX/07-0117&D2	FIVE-YEAR REVIEW FOR REMEDIAL ACTIONS AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0117&D2)	KDEP	DOE-PPPO	No	I-02001-0735
ARFREF	04/27/09	DOE/LX/07-0185&D2/R1	APPROVAL FOR THE FY 2009 SITE MANAGEMENT PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/07-0185&D2/R1)	USEPA-4	DOE-PPPO	No	I-02001-0718
ARFREF	05/15/09	PPPO-02-445-09	FISCAL YEAR 2010 PRESIDENT'S BUDGET	DOE-PPPO	USEPA-4	No	I-02001-0704
ARFREF	06/04/09	DOE/LX/07-0117&D2	[EPA] APPROVAL OF THE 2008 CERCLA FIVE-YEAR REVIEW FOR THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0117&D2)	USEPA-4	DOE-PPPO	No	I-02001-0732
ARFREF	06/18/09	PPPO-02-513-09	FEDERAL FACILITY AGREEMENT BUDGET REPORTING-FISCAL YEAR 2011 BUDGET TARGET FUNDING GUIDANCE	DOE-PPPO	USEPA-4	No	I-02001-0721
ARFREF	10/06/09	PPPO-02-102-10	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED AUGUST 18-20, 2009	DOE-PPPO	USEPA-4	No	I-02001-0731
ARFREF	10/30/09	PPPO-02-132-10	U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT FEDERAL FACILITY AGREEMENT SEMI-ANNUAL PROGRESS REPORT FOR THE SECOND HALF OF FISCAL YEAR 2009, PADUCAH, KENTUCKY	DOE-PPPO	USEPA-4	No	I-02001-0702
ARFREF	12/03/09	PPPO-02-227-10	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED SEPTEMBER 16-17, 2009	DOE-PPPO	USEPA-4	No	I-02001-0693
ARFREF	12/14/09	DOE/LX/07-0303&D1	2010 SITE MANAGEMENT PLAN EXTENSION REQUEST (DOE/LX/07-0305&D1)	KDEP	DOE-PPPO	No	I-02001-0692
ARFREF	01/05/10	DOE/OR/07-2099&D2/R6	[KDEP] APPROVAL OF THE COMMUNITY RELATIONS PLAN (DOE/OR/07-2099&D2/R6)	KDEP	DOE-PPPO	No	I-02001-0695
ARFREF	01/12/10	PPPO-02-256-10	FISCAL YEAR 2010 FUNDING ALLOCATION EVALUATION	DOE-PPPO	USEPA-4	No	I-02001-0712
ARFREF	01/26/10	DOE/LX/07-0305&D1	US EPA COMMENTS ON THE D1 FISCAL YEAR 2010 SITE MANAGEMENT PLAN, PADUCAH GASEOUS DIFFUSION PLANT (PGDP), PADUCAH, KENTUCKY (DOE/LX/07-0305&D1)	USEPA-4	DOE-PPPO	No	I-02001-0715
ARFREF	01/29/10	DOE/LX/07-0305&D1	COMMENTS TO THE 2010 SITE MANAGEMENT PLAN (DOE/LX/07-0305&D1)	KDEP	DOE-PPPO	No	I-02001-0717
ARFREF	02/03/10	PPPO-02-326-10	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING CONDUCTED NOVEMBER 18-19, 2009	DOE-PPPO	USEPA-4	No	I-02001-0722
ARFREF	02/11/10	PPPO-02-338-10	FISCAL YEAR 2011 PRESIDENT'S BUDGET	DOE-PPPO	USEPA-4	No	I-02001-0733
ARFREF	02/11/10	PPPO-02-337-10	FEDERAL FACILITY AGREEMENT INTEGRATED PRIORITY LIST AND ASSESSMENT OF BUDGET TARGETS ON SITE PRIORITIES	DOE-PPPO	USEPA-4	No	I-02001-0734
ARFSOU	01/03/08		KENTUCKY RADIATION HEALTH BRANCH UNRESOLVED QUESTION ON SAMPLING AND ANALYSIS PLAN FOR SOIL PILES AT PGDP	CHFS	KDEP	No	I-04909-0098
ARFSOU	10/01/08	PRS/I-0933, DOE/LX/07-0108&D1	D1 SITE EVALUATION REPORT FOR SOIL PILE 1 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, MCCracken COUNTY, KENTUCKY (DOE/LX/07-0108&D1), KY8-890-008-982	KDEP	DOE-PPPO	No	I-04902-0072
ARFSOU	10/07/08	DOE/LX/07-0108&D1	COMMENTS ON THE SITE EVALUATION REPORT FOR SOIL PILE 1 AT PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-0108&D1	USEPA-4	DOE-PPPO	No	I-04907-0053
ARFSOU	11/04/08	PPPO-02-129-09	NOTIFICATION LETTER REGARDING SAMPLING AT THE C--218 FIRING RANGE, SOLID WASTE MANAGEMENT UNIT 181	DOE-PPPO	USEPA-4	No	I-04909-0101

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Document Status	Date On Document	Document Id	Title	Author Affiliation	To Affiliation	Protected Information	Object Name
ARFSOU	11/10/08	DOE/LX/07-0015/A2&D2	[EPA APPROVES] NOTIFICATION LETTER REGARDING SAMPLING AT THE C-218 FIRING RANGE, SOLID WASTE MANAGEMENT UNIT 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	USEPA-4	DOE-PPPO	No	I-04909-0102
ARFSOU	11/18/08	KY8-890-008-982	[KDEP] APPROVAL OF THE SOLID WASTE MANAGEMENT UNIT ASSESSMENT REPORT FOR SOLID WASTE MANAGEMENT UNIT 561	KDEP	DOE-PPPO	No	I-04907-0057
ARFSOU	11/18/08		SOLID WASTE MANAGEMENT UNIT INFORMATION REQUESTS	KDEP	DOE-PPPO	No	I-04907-0065
ARFSOU	12/29/08		ANALYSIS OF ISOTOPES BY THE DOE CONTRACT LABORATORY AT PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY KY8-890-008-982	KDEP	DOE-PPPO	No	I-04909-0099
ARFSOU	01/16/09	PPPO-02-269-09	EXTENSION REQUEST TO RESPOND TO INFORMATION REQUEST FOR TEN SOLID WASTE MANAGEMENT UNITS	DOE-PPPO	KDEP	No	I-04907-0064
ARFSOU	01/23/09	PPPO-02-290-09	[EPA APPROVES] EXTENSION REQUEST FOR SUBMITTAL OF THE D2 ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2)	DOE-PPPO	USEPA-4	No	I-04913-0029
ARFSOU	01/26/09		[KDEP] APPROVAL OF THE EXTENSION REQUEST FOR THE INFORMATION REQUEST FOR 10 SOLID WASTE MANAGEMENT UNITS PADUCAH GASEOUS DIFFUSION PLANT KY8-890-008-982	KDEP	DOE-PPPO	No	I-04907-0067
ARFSOU	02/12/09	PPPO-02-316-09	EXTENSION REQUEST TO RESPOND TO INFORMATION REQUEST FOR TEN SOLID WASTE MANAGEMENT UNITS	DOE-PPPO	KDEP	No	I-04907-0066
ARFSOU	02/16/09		APPROVAL OF THE EXTENSION REQUEST FOR THE INFORMATION REQUEST FOR 10 SOLID WASTE MANAGEMENT UNITS, PADUCAH GASEOUS DIFFUSION PLANT, MCCracken COUNTY, KENTUCKY KY8-890-008-982	KDEP	DOE-PPPO	No	I-04907-0069
ARFSOU	02/24/09	DOE/LX/07-0121&D2	[KDEP APPROVES] EXTENSION REQUEST FOR THE SUBMITTAL OF THE D2 ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2)	KDEP	DOE-PPPO	No	I-04913-0028
ARFSOU	02/24/09	PRS/I-1065, DOE/LX/07-0121&D2	EXTENSION REQUEST FOR THE SUBMITTAL OF THE D2 ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2)	KDEP	DOE-PPPO, PRS	No	I-04913-0018
ARFSOU	03/09/09	DOE/LX/07-0121&D2	[KDEP APPROVES] ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2)	KDEP	DOE-PPPO	No	I-04913-0021
ARFSOU	03/10/09	PPPO-02-319-09	RESPONSE TO REQUEST REGARDING ANALYSIS OF ISOTOPES BY THE DOE CONTRACT LABORATORY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KY, MCCracken COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO	USEPA-4	No	I-04909-0109
ARFSOU	03/18/09	PPPO-02-377-09	RESPONSE TO KENTUCKY DIVISION OF WASTE MANAGEMENT REQUEST FOR INFORMATION CONCERNING TEN SOLID WASTE MANAGEMENT UNIT ASSESSMENT REPORTS, AGENCY INTEREST NO. 3059	DOE-PPPO	KDEP	No	I-04907-0071

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ARFSOU	05/14/09	DOE/LX/07-0121&D2/R1	ACTION MEMORANDUM FOR THE SOILS OPERABLE UNIT INACTIVE FACILITIES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0121&D2/R1)	KDEP	DOE-PPPO	No	I-04913-0030
ARFSOU	05/18/09	DOE/LX/07-0188&D1	SITE EVALUATION REPORT FOR ADDENDUM 2 SOILS PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0188&D1)	KDEP	DOE-PPPO	No	I-04907-0070
ARFSOU	05/26/09	DOE/LX/07-0120&D1	REVIEW TIMEFRAME FOR RECENTLY SUBMITTED HISTORICAL DATA FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0120&D1)	USEPA-4	DOE-PPPO	No	I-04909-0110
ARFSOU	06/05/09	DOE/LX/07-0120&D1	EXTENSION REQUEST FOR REVIEW OF THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (DOE/LX/07-0120&D1)	KDEP	DOE-PPPO	No	I-04909-0112
ARFSOU	06/15/09	DOE/LX/07-0120&D1	WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0120&D1)	KDEP	DOE-PPPO	No	I-04909-0111
ARFSOU	08/06/09	PPPO-02-548-09	REVIEW TIME FRAME FOR RECENTLY SUBMITTED HISTORICAL DATA FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0120&D1)	DOE-PPPO	USEPA-4	No	I-04909-0108
ARFSOU	09/10/09	DOE/LX/07-0120&D1	RESPONSE TO DOE LETTER REVIEW TIMEFRAME FOR RECENTLY SUBMITTED HISTORICAL DATA FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT	USEPA-4	DOE-PPPO	No	I-04909-0104
ARFSOU	09/24/09	PPPO-02-690-09	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR ADDENDUM 1-B SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0225&D2)	DOE-PPPO	USEPA-4	No	I-04907-0063
ARFSOU	09/30/09	PPPO-02-716-09	RESPONSE TO LETTER FROM KENTUCKY DIVISION OF WASTE MANAGEMENT REGARDING FURTHER INVESTIGATION STATUS DETERMINATION FOR SOLID WASTE MANAGEMENT UNITS 465, 469, 470, 474, 486, AND 487	DOE-PPPO	USEPA-4	No	I-04907-0068
ARFSOU	10/07/09		COMMENTS TO THE SITE EVALUATION REPORT FOR RUBBLE AREAS (DOE/LX/07-0227&D1)	KDEP	DOE-PPPO	No	I-04907-0061
ARFSOU	10/22/09	DOE/LX/07-0225&D2	CONDITIONAL APPROVAL OF THE D2 SITE EVALUATION REPORT FOR ADDENDUM 1-B SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0225&D2)	USEPA-4	DOE-PPPO	No	I-04907-0054
ARFSOU	11/12/09	PPPO-02-177-10	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0227&D2)	DOE-PPPO	USEPA-4	No	I-04907-0056
ARFSOU	11/12/09	DOE/LX/07-0220&D1/R1	APPROVAL OF THE REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0220&D2/R1)	USEPA-4	DOE-PPPO	No	I-04916-0022

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ARFSOU	12/14/09	PPPO-02-220-10	TRANSMITTAL OF THE ERRATA PAGES AND REPLACEMENT PAGES FOR THE REMOVAL ACTION WORK PLAN FOR SOILS OPERABLE UNIT INACTIVE FACILITIES SWMU 19 AND SWMU 181 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0220&D2/R1)	DOE-PPPO	USEPA-4	No	I-04916-0020
ARFSOU	12/15/09		C-218 FIRING RANGE RECORD OF CONVERSATION (E-MAIL FROM JOHN MORGAN DATED DECEMBER 15, 2009, 8:43 A.M.)	PRS	USEPA-4	No	I-04916-0021
ARFSOU	12/15/09	DOE/LX/07-0227&D2	CONDITIONAL APPROVAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0227&D2)	KDEP	DOE-PPPO	No	I-04907-0050
ARFSOU	12/15/09	DOE/LX/07-0227&D2	CONDITIONAL APPROVAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0227&D2)	USEPA-4	DOE-PPPO	No	I-04907-0055
ARFSOU	12/15/09	DOE/LX/07-0120&D2	CONDITIONAL APPROVAL OF THE WORK PLAN FOR SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY (DOE/LX/07-0120&D2)	KDEP	DOE-PPPO	No	I-04909-0105
ARFSOU	12/22/09	PPPO-02-240-10	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR ADDENDUM 1-B SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0225&D2/R1)	DOE-PPPO	USEPA-4	No	I-04907-0051
ARFSOU	01/14/10	PPPO-02-291-10	EXTENSION REQUEST FOR AN EXTENDED DEADLINE FOR INVOKING DISPUTE RESOLUTION FOR THE WORK PLAN FOR THE SOILS OPERABLE UNIT REMEDIAL INVESTIGATION FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT	DOE-PPPO	USEPA-4	No	I-04909-0100
ARFSOU	01/15/10	PPPO-02-264-10	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR ADDENDUM 2 SOIL PILES AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0188&D2/R1)	DOE-PPPO	USEPA-4	No	I-04907-0058
ARFSOU	01/25/10	PPPO-02-306-10	TRANSMITTAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0227&D2/R1)	DOE-PPPO	USEPA-4	No	I-04907-0059
ARFSOU	01/27/10	PPPO-02-312-10	EXTENSION REQUEST FOR EXTENDED DEADLINE FOR INVOKING DISPUTE RESOLUTION REGARDING CONDITIONAL CONCURRENCE FOR THE D2 WORK PLAN FOR THE SOILS OPERABLE UNIT RI/FS, AND SUBMITTAL OF THE D2/R1 WORK PLAN FOR THE SOILS OPERABLE UNIT RI/FS AT THE PGDP	DOE-PPPO	USEPA-4	No	I-04909-0106
ARFSOU	01/28/10	DOE/LX/07-0227&D2/R1	APPROVAL OF THE SITE EVALUATION REPORT FOR RUBBLE AREAS (DOE/LX/07-0227&D2/R1)	KDEP	DOE-PPPO	No	I-04907-0062
ARFSOU	02/03/10		APPROVAL OF THE SAMPLING AND ANALYSIS PROPOSAL FOR THE INSTALLATION OF NEW MONITORING WELLS AT THE PADUCAH GASEOUS DIFFUSION PLANT	KDEP	DOE-PPPO	No	I-04909-0107
ARFSWOUOSD	09/24/08	DOE/LX/07-0012&D2	ENGINEERING EVALUATION/COST ANALYSIS FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0012&D2)	KDEP	DOE-PPPO	No	I-04812-0141

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ARFSWOUOSD	09/25/08	DOE/LX/07-0012&D2	EXTENSION REQUEST FOR THE ENGINEERING EVALUATION/COST ANALYSIS FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0012&D2)	USEPA-4	DOE-PPPO	No	I-04812-0142
ARFSWOUOSD	03/23/09	DOE/LX/07-0119&D2/R1	APPROVAL OF THE ACTION MEMORANDUM FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0119&D2/R1)	USEPA-4	DOE-PPPO	No	I-04813-0077
ARFSWOUOSD	10/23/09	PPPO-02-150-10	TRANSMITTAL OF THE D2/R1 REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0221&D2/R1)	DOE-PPPO	USEPA-4	No	I-04816-0181
ARFSWOUOSD	11/12/09	DOE/LX/07-0221&D2/R1	APPROVAL OF THE D2 REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0221&D2/R1)	USEPA-4	DOE-PPPO	No	I-04816-0182
ARFSWOUOSD	12/14/09	PPPO-02-219-10	TRANSMITTAL OF THE ERRATA PAGES AND REPLACEMENT PAGES FOR THE REMOVAL ACTION WORK PLAN FOR CONTAMINATED SEDIMENT ASSOCIATED WITH THE SURFACE WATER OPERABLE UNIT (ON-SITE) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0221&D2/R1)	DOE-PPPO	USEPA-4	No	I-04816-0180
ARFSWP	02/15/08	PPPO-02-329-08	EXTENSION REQUEST FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST GROUNDWATER PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2), MCCracken COUNTY, KENTUCKY, KY8-890-008-892	DOE-PPPO	USEPA-4	No	I-04610-0112
ARFSWP	10/07/09	DOE/LX/07-0186&D1	FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES (OIL LANDFARM AND C-720 NORTHEAST AND SOUTHEAST SITES) (DOE/LX/07-0186&D1)	KDEP	DOE-PPPO	No	I-04611-0309
ARFSWP	01/20/10	PPPO-02-303-10	TRANSMITTAL OF THE D2 FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES (OIL LANDFARM AND C-720 NORTHEAST AND SOUTHEAST SITES) AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0186&D2)	DOE-PPPO	USEPA-4	No	I-04611-0306
ARFSWP	02/19/10	DOE/LX/07-0186&D2	EXTENSION REQUEST FOR THE FOCUSED FEASIBILITY STUDY FOR THE SOUTHWEST GROUNDWATER PLUME VOLATILE ORGANIC COMPOUND SOURCES (OIL LANDFARM AND C-720 NORTHEAST AND SOUTHEAST SITES), AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0186&D2)	USEPA-4	DOE-PPPO	No	I-04611-0308

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55-PD	06/02/08	PPPO-02-492-08	TRANSMITTAL OF THE REMOVAL ACTION REPORT FOR THE C-746-A WEST END SMELTER INACTIVE FACILITY AT THE PADUCAH ENVIRONMENTAL REMEDIATION PROJECT, PADUCAH, KENTUCKY (DOE/LX/07-0122&D1)	DOE-PPPO	USEPA-4	No	I-05116-0090
55-PD	10/06/08	DOE/LX/07-0106&D2	[KDEP APPROVES] REMOVAL ACTION REPORT FOR THE C-405 INCINERATOR AT THE PADUCAH ENVIRONMENTAL REMEDIATION PROJECT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH KENTUCKY (DOE/LX/07-0106&D2)	KDEP	DOE-PPPO	No	I-05116-0086
55-PD	10/24/08	DOE/LX/07-0122&D1	[USEPA] APPROVAL OF THE REMOVAL ACTION REPORT FOR THE C-746-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP)(DOE/LX/07-0122&D1)	USEPA-4	DOE-PPPO	No	I-05116-0085
6PHASE-PD	02/11/08	PPPO-02-277-08	TRANSMITTAL OF THE CONSTRUCTION QUALITY CONTROL PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0031&D1)	DOE-PPPO	KDEP	No	I-04615-0066
6PHASE-PD	03/28/08	PRS/I-0805	REQUEST TO EXTEND REVIEW PERIOD FOR REMEDIAL DESIGN REPORT, CERTIFIED FOR CONSTRUCTION DESIGN DRAWINGS AND TECHNICAL SPECIFICATION PACKAGE, FOR THE GROUNDWATER OPERABLE UNIT FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT C-400 CLEANING BLDG AT PGDP	KDEP	DOE-PPPO	No	I-04615-0065
6PHASE-PD	05/08/08	DOE/LX/07-0005 D2	CONDITIONAL CONCURRENCE ON THE D2 100% REMEDIAL DESIGN REPORT CERTIFIED FOR CONSTRUCTION (CFC) FOR THE INTERIM REMEDIAL ACTION FOR THE GWOU AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0005 D2)	USEPA-4	DOE-PPPO	No	I-04615-0064
6PHASE-PD	06/03/08		EPA REVIEW OF THE CONSTRUCTION QUALITY CONTROL PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, D1	USEPA-4	DOE-PPPO	No	I-04615-0063
6PHASE-PD	10/23/08	PRS/I-0982, DOE/LX/0004&D2/R1	APPROVAL OF THE REMEDIAL ACTION WORK PLAN (RAWP) FOR THE INTERIM REMEDIAL ACTION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP) (DOE/LX/0004&D2/R1), SEPTEMBER, 2008	USEPA-4	DOE-PPPO, PRS	No	I-04616-0080
6PHASE-PD	11/07/08	DOE/LX/07-0031&D2/R1	APPROVAL OF THE CONSTRUCTION QUALITY CONTROL PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0031&D2/R1)	KDEP	DOE-PPPO	No	I-04615-0062
6PHASE-PD	04/06/09		BASELINE GROUNDWATER SAMPLE COLLECTION AT THE NORTHWEST CORNER OF THE C-400 BUILDING, PADUCAH GASEOUS DIFFUSION PLANT	KDEP	DOE-PPPO	No	I-04616-0094
6PHASE-PD	05/15/09	DOE/LX/07-0187&D1	OPERATIONS AND MAINTENANCE PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0187&D1)	KDEP	DOE-PPPO	No	I-04616-0096

Paducah Documents Added to the Post-Decision File First Quarter CY2010

Document Status	Date On Document	Document Id	Title	Author Affiliation	To Affiliation	Protected Information	Object Name
6PHASE-PD	05/18/09		EPA REVIEW OF THE OPERATION AND MAINTENANCE PLAN FOR THE INTERIM REMEDIAL ACTION (IRA) AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT (PGDP)	USEPA-4	DOE-PPPO	No	I-04616-0093
6PHASE-PD	07/30/09	PPPO-02-566-09	TRANSMITTAL OF THE D2/R2 REMEDIAL ACTION WORK PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0004&D2/R2)	DOE-PPPO	USEPA-4	No	I-04616-0089
6PHASE-PD	08/19/09	DOE/LX/07-0004&D2/R2	REMEDIAL ACTION WORK PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/LX/07-0004&D2/R2)	KDEP	DOE-PPPO	No	I-04616-0090
6PHASE-PD	10/27/09	PPPO-02-674-09	SAMPLING AND ANALYSIS PROPOSAL FOR THE INSTALLATION OF NEW MONITORING WELLS AT THE PADUCAH GASEOUS DIFFUSION PLANT	DOE-PPPO	KDEP	No	I-04616-0091
6PHASE-PD	02/05/10	PPPO-02-678-09	RESPONSE TO LETTER FROM KENTUCKY DIVISION OF WASTE MANAGEMENT REGARDING CONDITIONAL CONCURRENCE FOR CHANGES TO THE REMEDIAL ACTION WORK PLAN FOR C-400 CLEANING BUILDING AT THE PADUCAH GASEOUS DIFFUSION PLANT (DOE/LX/07-0004&D2/R2)	DOE-PPPO	USEPA-4	No	I-04616-0092
6PHASE-PD	02/17/10	DOE/LX/07-0004&D2/R2	[KDEP] APPROVAL OF THE REMEDIAL ACTION WORK PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING (DOE/LX/07-0004&D2/R2)	KDEP	DOE-PPPO	No	I-04616-0095
GW1-PD	03/27/09	PPPO-02-366-09	NOTIFICATION OF POWER OUTAGE AT THE NORTHWEST AND NORTHEAST GROUNDWATER TREATMENT SYSTEMS	DOE-PPPO	KDEP, USEPA-4	No	I-00225-0022
GW3-PD	03/27/09	PPPO-02-366-09	NOTIFICATION OF POWER OUTAGE AT THE NORTHWEST AND NORTHEAST GROUNDWATER TREATMENT SYSTEMS	DOE-PPPO	KDEP, USEPA-4	No	I-00225-0022

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