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PRS-158-06

Mr. William E. Murphie, Manager  
Portsmouth/Paducah Project Office  
U.S. Department of Energy  
1017 Majestic Drive, Suite 200  
Lexington, Kentucky 40513

Dear Mr. Murphie:

**Transmittal-U.S. Department of Energy Paducah Gaseous Diffusion Plant Federal Facility Agreement (FFA) Semiannual Progress Report for Fiscal Year (FY) 2006, Paducah, Kentucky (DOE/OR/07-2304/V1) Final**

Enclosed is the subject document for distribution. The enclosed document includes comments received from the Department of Energy and has received legal review.

If you have any questions, please contact April Ladd of my staff at (270) 441-5117.

Sincerely,



John E. Razor, Site Manager  
Paducah Remediation Services LLC

JER:AML:amc

Enclosure: As stated

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*QA HTR 10-25-12*

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**U.S. DEPARTMENT OF ENERGY  
PADUCAH GASEOUS DIFFUSION PLANT  
FEDERAL FACILITY AGREEMENT  
SEMIANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006  
PADUCAH, KENTUCKY**



April 2006

This Document is approved for public release per review by:

*Montgomery R. Brenneman* 4/25/06  
PRS Classification & Information Officer Date

BECHTEL JACOBS COMPANY LLC;  
CDM FEDERAL PROGRAMS;  
CDM FEDERAL SERVICES, INC.;  
PADUCAH REMEDIATION SERVICES LLC;  
and  
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION  
contributed to the preparation of this document and should not  
be considered an eligible contractor for its review.

**DATE OF ISSUE: April 27, 2005**

**DOE/OR/07-2304/V1  
FINAL**

**U.S. DEPARTMENT OF ENERGY  
PADUCAH GASEOUS DIFFUSION PLANT  
FEDERAL FACILITY AGREEMENT  
SEMIANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006  
PADUCAH, KENTUCKY**

**Remedial Action Program**

Prepared for the  
U.S. Department of Energy  
Office of Environmental Management

Environmental Management Activities at the  
Paducah Gaseous Diffusion Plant  
Paducah, Kentucky 42001  
managed by  
Paducah Remediation Services LLC  
for the  
U.S. DEPARTMENT OF ENERGY  
under contract DE-AC30-06EW05001

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## ABBREVIATIONS AND ACRONYMS

BGOU	Burial Grounds Operable Unit
BJC	Bechtel Jacobs Company LLC
CAB	Citizens Advisory Board
CDM	CDM Federal Programs and CDM Federal Services Inc.
D&D	Decontamination and Decommissioning
DMC	Document Management Center
DOE	U.S. Department of Energy
EE/CA	engineering evaluation/cost analysis
EMEF	Environmental Management and Enrichment Facilities
EPA	U.S. Environmental Protection Agency
FFA	Federal Facility Agreement
FFS	focused feasibility study
FS	feasibility study
FY	fiscal year
GMS	Groundwater Modeling System
GWOU	Groundwater Operable Unit
HDPE	high-density polyethylene
IC	institutional control
ICM	interim corrective measures
IRA	interim remedial action
KDEP	Kentucky Department for Environmental Protection
KPDES	Kentucky Pollutant Discharge Elimination System
NEPCS	Northeast Plume Containment System
NSDD	North-South Diversion Ditch
NTS	Nevada Test Site
NW	northwest
NWPGS	Northwest Plume Groundwater System
O&M	operation and maintenance
OU	operable unit
PCB	polychlorinated biphenyl
pCi/L	picoCuries per liter
PGDP	Paducah Gaseous Diffusion Plant
ppb	parts per billion
PRAP	Proposed Remedial Action Plan
PRS	Paducah Remediation Services, LLC
RAWP	Remedial Action Work Plan
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
RL	reporting limit
ROD	Record of Decision
SAIC	Science Applications International Corporation
SOU	Soils Operable Unit
SWMU	solid waste management unit
SWOU	Surface Water Operable Unit
<sup>99</sup> Tc	technetium-99
TCE	trichloroethene
UST	underground storage tank
WAG	waste area group

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# INTRODUCTION

## FEDERAL FACILITY AGREEMENT SEMIANNUAL REPORT FISCAL YEAR (FY) 2006

**Facility: Paducah Gaseous Diffusion Plant (PGDP)**  
**Plant EPA I.D. No.: KY8-890-008-982**  
**Reporting Period: 10/01/2005 – 03/31/2006**

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 remedial actions performed during the reporting period and presents the schedules<sup>1</sup> for the upcoming activities.

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.

As part of the Progress Report requirements, the Paducah Remedial Action Program Regulatory Commitment Tracking Report is included as Appendix E. This tracking report is generated from the Primary/Secondary Document Tracking System that is utilized by the Paducah Site in accordance with Section XXIII of the FFA. This tracking report includes the regulatory-required documents, a listing of documents currently under review by the U.S. Environmental Protection Agency (EPA), Region 4 and/or Kentucky Department for Environmental Protection (KDEP), the status of existing documents, and historical information regarding past actions.

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

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**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Decontamination and Decommissioning (D&D) Operable Unit (OU)**

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

- Completed paint removal on 12 of 13 breached fluorine cells and transferred 6 for reuse.
- Transferred one SeaLand container of copper buswork from the C-410 Complex for reuse.
- Completed infrastructure demolition in Sector 1 of the C-410 Complex.
- Initiated packaging of stored materials in intermodal containers in the C-410 Complex for off-site disposition at Envirocare.
- Subcontractor completed D&D of the C-603 Nitrogen Facility, including free release for recycle of three storage tanks and the 54 foot tall “cold box.”
- Received approval for the Action Memorandum for the C-402 Limehouse, C-405 Contaminated Items Incinerator, and the C-746-A West End Smelter.
- Submitted and received approval on the D1 Removal Action Work Plan for the C-402 Limehouse demolition.
- Initiated field work on the C-402 Limehouse demolition.
- Initiated application of fixative on C-410 Building vent stacks.

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

- Continue removal action work.
- Continue collection, sorting, and packaging of stored material inside C-410 Complex for disposition.
- Continue active D&D inside the C-410 Complex.
- Complete paint removal on last breached cell and transfer of 7 remaining breached fluorine cells for reuse in April 2006.
- Issue Remedial Action Work Plan for the C-405 Contaminated Items Incinerator, and the C-746-A West End Smelter.
- Continue fieldwork on the C-402 Limehouse Demolition.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**V. Primary/Secondary Document Tracking System:**

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

Removal Action Work Plan for the C-405 Contaminated Items Incinerator and the C-746-A West End Smelter is under development.

**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):**

A Uranium Hexafluoride release occurred in the C-410 Complex on March 1, 2006, when D&D personnel inadvertently snagged a ¼ inch copper instrument line, resulting in breakage of the line. These lines are isolated from known outside sources, but were not purged when operations ceased in the 1970s and, as a result, have residual material remaining in them. D&D activities inside the C-410 Complex are temporarily on hold while evaluations are underway to determine controls and actions necessary to prevent similar releases from occurring as D&D activities are performed.

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

Routine meetings with the Citizens Advisory Board (CAB) were held. Monthly project status meetings with Commonwealth of Kentucky and EPA were held. Public comment period held, and no comments were received on the Engineering Evaluation/Cost Assessment (EE/CA) for the C-402 Limehouse, C-405 Incinerator, and C-746-A West End Smelter.

**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

**IX. Actual cost for Operation and Maintenance (O&M), if appropriate:**

None.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Groundwater Operable Unit (GWOU)**

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

**Groundwater C-400 Action Subproject – Electrical Resistance Heating Interim Remedial Action**

- Issued the *D2 Remedial Design Work Plan for the Interim Remedial Action for Volatile Organic Compound Contamination at the C-400 Cleaning Building* and an errata sheet to the EPA and Commonwealth of Kentucky.
- Continued procurement activities for selecting a design/build/operate contractor for implementing the interim remedial action for volatile organic compound contamination at the C-400 Cleaning Building. The submitted technical and cost proposals were completed and a recommendation made to DOE Contracting Officer to award subcontract for implementing the interim remedial action. At the close of the reporting period, approval to award was pending.
- Issued and received approval of the *Remedial Design Support Characterization Plan* from the Commonwealth of Kentucky and EPA.

**Groundwater Assessments Subproject – U.S. Army Corps of Engineers Groundwater Modeling System (GMS)**

- No activity during this reporting period.

**C-746-S & T and SWMU 145 Landfills Site Investigation Subproject**

- Completed development of the *D2 Site Investigation Report* and received approval from the Commonwealth of Kentucky and EPA.

**Southwest Groundwater Plume Site Investigation Subproject**

- Continued incorporation of comments received on the D1 and development of the *D2 SW Plume Site Investigation Report* for issuance early in the next reporting period.
- Continued development of the *Proposed Remedial Action Plan (PRAP)* for the Southwest Plume sources in anticipation of submitting the D1 during the next reporting period.



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

- Resolve and incorporate regulator comments from D1 Site Investigation Report for the Southwest Plume and issue the D2 version of the document for approval.
- Begin development of the Remedial Design Report and the Remedial Action Work Plan for the C-400 Interim Remedial Action.
- Implement the Remedial Design Support Investigation and incorporate findings into the Remedial Design Report and the Remedial Action Work Plan.
- Complete development of the D1 PRAP for the Southwest Plume sources and submit for stakeholder review and comment.
- Initiate development of the Record of Decision (ROD) for the Southwest Plume sources.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**V. Primary/Secondary Document Tracking System:**

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

- D1 Remedial Design Report and the D1 Remedial Action Work Plan for the C-400 Interim Remedial Action;
- D2 Site Investigation Report for the Southwest Groundwater Plume at the Paducah Gaseous Diffusion Plant; and
- D1 Proposed Remedial Action Plan for the Southwest Groundwater Plume Sources at the Paducah Gaseous Diffusion Plant.

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

- Development of the D2 Site Investigation Report for the Southwest Plume Groundwater Sources is expected to be completed 05/17/2006;
- Development of the D1 Proposed Remedial Action Plan for the Southwest Groundwater Plume is expected to be complete on 07/17/2006.

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

Comments resulting from the review of the D1 Southwest Plume Site Investigation Report have required the revision of degradation factors utilized in the supporting groundwater modeling. Also, the modification of these factors has required the re-performance of the groundwater modeling with the revised degradation factors. These factors have impacted the development of the D2 Southwest Plume Site Investigation Report and subsequent supporting documents. Modifications to the development schedules have been coordinated through DOE correspondence.

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

Monthly discussions were held with the CAB concerning the C-746-S&T Landfills and Southwest Plume SIs and the C-400 Interim Remedial Action status during the last reporting period.

**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

None.

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**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Scrap Metal Removal**

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

- Completed sorting, characterizing, packaging of 2,052 net tons of northwest (NW) corner scrap metal and shipped the waste to Energy Solutions of Utah (formerly Envirocare of Utah).
- Completed sorting, characterizing, packaging of 1,962 net tons of D-Yard scrap metal and shipped the waste to Nevada Test Site (NTS).

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

- Receive approval from EPA and KDEP on the Post Construction Report for C-746-D Yard and on the O&M Plan for the Northwest Corner Storm Water Collection Facility.
- Continue sorting, size-reducing, packaging, and shipping of NW scrap metal waste for shipment to Energy Solutions of Utah
- Dispose of approximately 500 tons of C-746-D Yard classified soils to NTS.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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 at this time; schedule date for completion of June 2007 is expected to be met.

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

The PGDP CAB continues to receive in-depth monthly updates on the project. The CAB is comprised of a diverse group of individuals from the local community, as well as representatives of governing bodies and other groups potentially affected by cleanup decisions at the site.

**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

O&M should represent only craft labor to inspect, in-line monitor, and discharge the C 613 Basin, as well as any discrete maintenance repairs that may be required such as potential repairs of the high-density polyethylene (HDPE) basin liner or a pump. Actual costs are not available. Cost is estimated at approximately \$3,831.75.

**FEDERAL FACILITY AGREEMENT  
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**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Soils Operable Unit (SOU)**

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

Identified area of high polychlorinated biphenyl (PCB) contamination in Solid Waste Management Unit (SWMU) 92 as part of the Surface Water Operable Unit (SWOU) (On-Site) Assessment performed from June 2005 to November 2005. Area was posted and roped off to prevent exposure to on-site workers. Data and risk assessment results of the area will be included in the SWOU (On-Site) Site Investigation Report.

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

None.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

None.

**FEDERAL FACILITY AGREEMENT  
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**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Surface Water Operable Unit (SWOU) On-Site Investigation**

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

The upgradient storm sewer sampling that was started in the previous reporting period was completed on 11/4/2005. No further storm sewer sampling is planned. Data validation was performed following receipt of all analytical data from the ditch soil sampling and storm sewer sampling. The data validation was completed in January 2005 and all data has been loaded into the OREIS data base.

The Draft SWOU Site Investigation/Baseline Risk Assessment Report currently is under preparation.

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

The SWOU Site Investigation/Baseline Risk Assessment Report report will be submitted to the Regulators by the FFA milestone date, 8/16/2006.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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:**

Routine meetings with the Citizens Advisory Board (CAB) were held. Monthly project status meetings with Commonwealth of Kentucky and EPA were held.

**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

None.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: North-South Diversion Ditch (NSDD)**

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

Received approval on the Final D2 Remedial Action Completion Report from EPA Region 4 on 10/18/2005, from the Commonwealth of Kentucky on 12/8/2005.

Routine inspections and mowing (seasonal activity) are being implemented per the D2 O&M Plan for Sections 1 & 2 of the NSDD.

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

Scheduled activities include performing and documenting the inspections, and mowing and maintenance as identified in the O&M Plan for Sections 1 & 2 of the NSDD.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

**IX. Actual Cost for O&M, if appropriate:**

Costs for maintenance of the NSDD are not tracked separately. Estimated annual cost of \$37,000 for the O&M has been provided in the final O&M Plan, DOE/OR/07-2057&D2.

**FEDERAL FACILITY AGREEMENT  
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**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Institutional Controls (IC) for Surface Water**

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

During this reporting period, the monthly inspections of the IC locations were completed and filed in the PGDP Environmental Management and Enrichment Facilities (EMEF) Document Management Center (DMC).

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

Scheduled activities include maintenance activities, as required, and continuing the monthly inspections of the IC fences.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

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

Monthly inspections of the IC locations are being made, and inspection reports are filed in the PGDP EMEF DMC.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

Costs for maintenance of the IC fences are not tracked separately. Estimated annual cost of \$57,100 for O&M has been provided in the revised O&M Plan.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Scrapyards Interim Corrective Measures (ICM)**

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

During the past six months, the monthly inspections of the Scrapyards ICM were completed and filed in the PGDP EMEF DMC.

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

None.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

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

Monthly inspections of the Scrapyard ICM were conducted, and inspection reports were filed in the PGDP EMEF DMC.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

No cost is expected to be incurred, since maintenance has been suspended.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Waste Area Groups (WAGs) 1 and 7 [C-746-K Landfill, Trichloroethene (TCE) Spill Sites, Underground Storage Tanks (USTs), and Kentucky Ordnance Works Sites]**

**I. Work performed during the reporting period (include 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.

**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 the C-746-K Landfill and in the 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 Elimination Discharge System (KPDES) Permit.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

**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 and will not be broken out separately.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: WAG 15 – Site Evaluation**

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

Received “no further action” letter from the Commonwealth of Kentucky dated 12/9/2005, for the closure of C-746-A1 (UST #5).

Soils removed during closure of C-746-A1 (UST #5) that were in interim waste storage were repackaged into a suitable container for transport to and disposal at NTS. Approximately 300 ft<sup>3</sup> of soil was repackaged.

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

Dispose of soils at NTS.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

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

Activities associated with this project are on schedule.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

None.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2006**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/01/2005 – 03/31/2006**

**PROJECT: Burial Grounds Operable Unit (BGOU)**

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

Received regulator comments on the D1 Remedial Investigation/Feasibility Study (RI/FS) Work Plan.

Incorporated regulatory comments on the D1 Work Plan and issued the D2 RI/FS Work Plan on December 19, 2005 for regulatory review/approval.

Held several discussions on the D2 Work Plan with the regulators.

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

Receive regulatory approval of the D2 RI/FS Work Plan.

Mobilize field work to implement the remedial investigation.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**V. Primary/Secondary Document Tracking System:**

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

The D2 RI/FS Work Plan is under review with the regulators.

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

Regulator comments on the D2 Work Plan are due 4/21/2006.

**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:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

None.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2005**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/1/05-3/31/06**

**PROJECT: Northeast Plume IRA**

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

The Northeast Plume Containment System (NEPCS) met its operational efficiency goal of 95% during the reporting period of October 2005 through March 2006. During this reporting period, the NEPCS treated 47,481,033 gallons of contaminated groundwater with an average monthly operational efficiency of 99.7%. The average system treatment rate for the reporting period was 181 gal/min and was calculated assuming 100% operational uptime. Operational efficiencies for October, November, December 2005, and January, February, March 2006 were 99.8%, 100%, 99.9%, 98.5%, 99.9%, and 100%, respectively.

**A) Process Operations**

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

For a detailed description of the treatment system, refer to 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, Revision 5.

**B) Process Testing**

Operation of the NEPCS began February 28, 1997. As of March 31, 2006, the NEPCS has processed a total of 757,143,997 gallons of water. The monthly extraction volumes for October, November, December 2005, and January, February, March 2006 are presented in the Northeast Plume Containment System Water Withdrawal Reporting Form included in Appendix A, Table 1, of this report. This form includes a summary of the extracted 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 2005.

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. Influent TCE analytical data from the beginning of routine operations through the end of December 2005 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 2005. High, low, and average influent and effluent TCE concentrations for these months are presented in the following table. Values

reported as less than the reporting limit (RL) of 1 ppb are considered to be 1 ppb for averaging and graphing purposes.

	TCE (ppb)		
	High	Low	Average
Influent	270	200	218
Effluent	<RL*	<RL*	1

\*<RL = less than the reporting limit

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

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 EW-331 had an average TCE concentration of 165 ppb while EW-332 had an average concentration of 260 ppb.

Technetium-99 (<sup>99</sup>Tc) concentrations in water samples collected from the influent or extraction wells did not exceed the data quality objective of 50 pCi/L. The highest reading from the equalization tank was 25.3 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 at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, Revision 3, July 2005.

Instances of minor routine maintenance causing downtime occurred during the reporting period relating to power outages, routine maintenance, and calibration of system components. No major periods of downtime occurred during this reporting period.

##### Non-Routine Maintenance Activities

None.

#### E) Effectiveness Monitoring - Monitoring Well Results

Figures 2a, 2b, 2c, 2d, and 2e, included in Appendix B, show TCE concentrations and <sup>99</sup>Tc 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 <sup>99</sup>Tc migration. During the third and fourth quarters of 2005, <sup>99</sup>Tc activity at MW292 was 37.5 and 34.1 pCi/L, respectively. These results are less than the data quality objective requirement of 50 pCi/L. According to analyses documented in the Contingency Plan for <sup>99</sup>Tc Treatment at the Northeast Plume Containment System, BJC/PAD-12, if <sup>99</sup>Tc were

confirmed in MW292 at activities in excess of 50 pCi/L, there should be approximately one year before the <sup>99</sup>Tc of equal activity would reach the pumping wells of the NEPCS.

Since the extraction wells were rehabilitated in the third quarter of 2001, operation of the NEPCS has been nearly constant with downtimes of a week or less in duration for maintenance and/or equipment/instrument testing. Significant downtime for the NEPCS did not occur during this reporting period.

**F) Modification of the NEPCS Operations or Configuration**

The extraction flow rates in the well field were adjusted to optimize extraction well performance in removing contaminant mass. No other 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.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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 at this time.

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

The *Water Withdrawal Reports* for October 2005, November 2005, December 2005, January 2006, February 2006, and March 2006 were submitted in their respective months.



**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

Actual costs for O&M of the Northwest/Northeast Plume facilities are tracked jointly under the current O&M contract. The operating cost for this reporting period for both facilities was \$1,036,000.00.

**FEDERAL FACILITY AGREEMENT  
SEMIANNUAL REPORT  
FISCAL YEAR (FY) 2005**

**Facility: Paducah Gaseous Diffusion Plant  
Plant EPA I.D. No.: KY8-890-008-982  
Reporting Period: 10/1/05 – 3/31/06**

**PROJECT: Northwest Plume IRA**

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

The Northwest Plume Groundwater System (NWPGS) did not meet its operational efficiency goal of 95% during the reporting period of October 2005 through March 2006. During this reporting period, the NWPGS treated 50,955,329 gallons of contaminated groundwater with an average monthly operational efficiency of 94.4%. The average system treatment rate for the reporting period was 194 gal/min and was calculated assuming 100% operational uptime. Operational efficiencies for October, November, December 2005, and January, February, March 2006 were 100%, 99.8%, 99.8%, 80.8%, 98.1%, and 88.1%, respectively.

Reduced operational efficiency during January 2006 was due to a power outage at the NWPGS facility. Reduced operational efficiency during March 2006 was due to the NWPGS being shut down after rainwater infiltrated an extraction well vault. A more detailed description of this activity is located in Section I, Part E, Non-Routine Maintenance Activities.

**Process Operations:**

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

For a detailed description of the treatment system, refer to 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, R5.

**Process Testing:**

Operation of the NWPGS began on August 28, 1995. As of March 31, 2006, the NWPGS has processed a total of 1,082,276,259 gallons of water. The monthly extraction volumes for October, November, December 2005, and January, February, March 2006 are presented in the Northwest Plume Groundwater System Water Withdrawal Reporting Form included in Appendix A, Table 2 of this report. This form includes a summary of the extracted water volumes and average daily rates.

**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 2005.

The influent sample results, compared to the NWPGS effluent results, indicated that the NWPGS continues to effectively remove TCE and <sup>99</sup>Tc. Influent and effluent TCE and <sup>99</sup>Tc analytical data

from July through December 2005 are presented in Appendix B on Figures 4a, 4b, 5a, and 5b, respectively.

TCE values reported as less than the RL of 1 ppb are considered to be 1 ppb for averaging and graphing purposes. High, low, and average influent and effluent TCE and <sup>99</sup>Tc concentrations from July through December 2005 are presented in the following table.

	TCE (ppb)			<sup>99</sup> Tc (pCi/L)		
	High	Low	Average	High	Low	Average
Influent	1,491	762	982	233	76	155
Effluent	2.0	<RL*	1.3	23.4	-6.9	5.8

\*<RL= less than the method reporting limit of 1 ppb.

The treatment system influent, a composite from four extraction wells, was sampled weekly and the effluent was sampled daily during this reporting period. As presented in the previous table, the NWPGS continued to effectively remove TCE and <sup>99</sup>Tc. The system operated with an average removal efficiency of 99.9% for TCE and 97.8% for <sup>99</sup>Tc.

The average TCE effluent concentration for this reporting period was 2.4 ppb, which is less than the treatment goal of 5 ppb and the KPDES Outfall 001 TCE permit limit of 81 ppb. The average <sup>99</sup>Tc effluent value was 7.0 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 2005 through December 2005. High, low, and average sample results for this reporting period at the extraction wells are shown below.

	TCE (ppb)			<sup>99</sup> Tc (pCi/L)		
	High	Low	Average	High	Low	Average
EW-228	11	9.4	10	11.8	6.03	9
EW-229	33	19	26	21.4	20.1	21
EW-230	4400	3100	3750	911	771	841
EW-231	390	170	280	101	54.5	78

## Treatment Media

### *Ion Exchange Resins*

The NWPGS is equipped with four ion exchange columns used for the removal of <sup>99</sup>Tc. Purolite A-520-E resin is used in the columns, which are arranged in a lead/lag configuration on two parallel skids. No resin changes were required during the reporting period.

### *Activated Carbon Media*

The NWPGS is equipped with two carbon columns containing granular, activated carbon for adsorption of volatile organic compounds from the vapor-phase effluent of the air stripper unit.

The carbon is replaced in each column twice a year. The carbon in both columns was replaced on March 15, 2006, with recycled carbon. The current stock of recycled carbon and future utilization of recycling technology will provide an adequate supply of carbon throughout 2007. The next carbon change is scheduled for September 2006.

## **Maintenance Activities**

### *Routine Activities*

Daily, monthly, quarterly, and annual routine maintenance activities were conducted in accordance with the *Paducah Plume Operations Maintenance, Calibration, and Testing Plan at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, Revision 3, July 2005 (Maintenance and Calibration Plan).

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

### *Non-Routine Maintenance Activities*

The following is a list of non-routine maintenance activities conducted at the NWPGS during the reporting period.

- The carbon column lids in the C-612 facility were removed and replaced in January 2005. The lids had become cracked allowing air leaks to occur. Shortly after the replacement, one of the lids cracked again due to a manufacturing defect. The manufacturer was contacted and supplied a replacement lid that was installed in May 2005.
- A leak developed in the process piping on the discharge side of the ion exchange columns in August 2005. The system was shut down over a weekend to ensure that a major leak did not occur before the repair could be made. The leaking pipe contained treated groundwater, which was contained inside the facility and re-processed through the system. The leak was subsequently repaired and the system was restarted.

## **Effectiveness Monitoring - Monitoring Well Results**

Figures 6a, 6b, 6c, 6d, and 6e included in Appendix B, show TCE concentrations and <sup>99</sup>Tc activities in monitoring wells at the South and North Fields of the Northwest Plume and the extraction wells, respectively. These graphs show all data since monitoring began in 1995 and indicate the position of the monitoring wells relative to the extraction wells (e.g., downgradient, upgradient, adjacent, etc.). Figure 7, included in Appendix B, shows locations of the monitoring wells and extraction wells.

## **Modification of the NWPGS Operations or Configuration**

The extraction flow rates in the south well field were adjusted to optimize extraction well performance in removing contaminant mass. No other modifications were made to the NWPGS operation or configuration during the reporting period.

A new TCE online analyzer was installed in January 2006. The original unit had surpassed its expected lifetime and was considered obsolete by the manufacturer. The new analyzer was the replacement model for the original unit.

**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 operations.

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

Refer to Section VIII for the identity and assigned tasks to be performed for this project.

**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, as agreed by DOE, Commonwealth of Kentucky, and EPA.

**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, and reason for delay, and actions taken to prevent or mitigate delay):**

No future operational problems or delays are anticipated at this time.

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

The Water Withdrawal Reports for October 2005, November 2005, December 2005, January 2006, February 2006, and March 2006 were submitted in their respective months.

**VIII. Changes in relevant personnel:**

No changes have occurred during this period.

Paducah Remediation Services (PRS) LLC, has been selected as the new DOE prime remediation contractor to replace BJC. PRS is a Portage Environmental, Inc., (Portage) and Shaw Environmental, Inc., (Shaw) Joint Venture Company. PRS is transitioning to begin work April 24, 2006.

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

Actual costs for O&M of the Northwest/Northeast Plume facilities are tracked jointly under the current O&M contract. The operating cost for this reporting period for both facilities was \$1,036,000.00.

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**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 2005	November 2005	December 2005	January 2006	February 2006	March 2006
1	248,967	259,500	248,900	273,100	265,700	265,900
2	248,967	263,200	267,667	273,100	273,700	269,400
3	176,100	257,300	267,667	252,500	269,033	256,767
4	132,100	265,367	267,667	268,000	269,033	256,767
5	244,100	265,367	271,200	275,400	269,033	256,767
6	263,400	265,367	265,200	267,633	284,700	271,200
7	253,067	279,400	262,000	267,633	263,400	252,000
8	253,067	252,900	270,500	267,633	252,200	253,600
9	253,067	255,600	264,033	317,400	275,400	269,100
10	255,600	268,700	264,033	204,400	260,633	261,533
11	247,100	256,367	264,033	277,700	260,633	261,533
12	255,800	256,367	276,800	260,400	260,633	261,533
13	248,000	256,367	258,900	268,767	265,200	257,700
14	257,533	255,300	268,600	268,767	263,300	261,100
15	257,533	264,600	269,700	268,767	250,200	246,200
16	257,533	240,900	267,000	280,700	269,100	256,000
17	254,400	270,100	267,000	262,200	258,367	259,800
18	238,900	260,733	267,000	264,600	258,367	259,800
19	257,300	260,733	292,700	302,400	258,367	259,800
20	259,200	260,733	237,200	256,600	266,200	225,200
21	263,400	257,200	267,000	256,600	260,700	294,200
22	263,400	278,800	265,800	256,600	261,900	253,700
23	263,400	258,680	268,850	274,900	252,300	264,800
24	264,300	258,680	268,850	324,000	259,167	257,233
25	261,600	258,680	268,850	217,200	259,167	257,233
26	254,300	258,680	268,850	258,500	259,167	257,233
27	262,100	258,680	274,600	228,133	256,900	259,000
28	272,467	267,800	258,700	228,133	265,900	257,500
29	272,467	255,900	267,000	228,133	n/a	258,500
30	272,467	263,100	273,100	270,900	n/a	255,100
31	261,000	n/a	273,100	281,800	n/a	257,600
Monthly Total	7,772,633	7,831,100	8,272,500	8,202,600	7,368,400	8,033,800
*Daily Average	250,730	261,037	266,855	264,600	263,157	259,155
Days water pumped	31	30	31	31	28	31

\*Value based on number of days water was pumped

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**TABLE 2. NORTHWEST PLUME GROUNDWATER SYSTEM  
WATER WITHDRAWAL REPORTING FORM (gallons of water pumped)**

Day	October 2005	November 2005	December 2005	January 2006	February 2006	March 2006
1	298,463	301,290	297,300	292,988	296,620	302,020
2	298,463	298,740	298,117	292,988	308,440	320,770
3	311,230	305,280	298,117	276,100	302,903	298,593
4	297,200	296,220	298,117	252,510	302,903	298,593
5	298,940	296,220	291,260	309,910	302,903	298,593
6	317,040	296,220	292,700	296,840	318,620	312,770
7	298,213	307,790	253,420	296,840	291,640	307,670
8	298,213	282,830	295,090	296,840	292,970	290,780
9	298,213	301,650	286,140	336,125	320,110	101,390
10	306,040	308,690	286,140	0	246,047	69,920
11	291,950	295,397	286,140	0	246,047	0
12	296,180	295,397	305,020	0	246,047	0
13	297,160	295,397	278,610	0	300,250	239,020
14	301,007	309,280	301,620	0	305,100	283,980
15	301,007	302,930	292,530	0	292,670	241,350
16	301,007	296,570	295,513	330,785	317,470	302,550
17	310,010	306,280	295,513	274,040	281,413	303,527
18	282,440	291,177	295,513	294,580	260,823	303,527
19	300,430	291,177	322,560	297,620	260,823	303,527
20	304,890	291,177	236,880	298,487	289,315	286,620
21	302,373	223,560	289,660	298,487	301,620	302,840
22	302,373	317,880	300,310	298,487	305,790	298,070
23	302,373	293,692	288,778	273,740	301,360	303,560
24	308,220	293,692	288,778	353,080	303,483	311,190
25	299,820	293,692	288,778	211,081	303,483	311,190
26	307,480	293,692	288,778	303,909	303,483	311,190
27	288,220	293,692	291,750	302,817	302,470	283,300
28	304,783	290,800	289,740	302,817	308,960	305,420
29	304,783	265,960	290,900	302,817	n/a	302,660
30	304,783	276,910	292,988	302,830	n/a	294,770
31	289,540	n/a	292,988	306,260	n/a	303,327
Monthly Total	9,322,847	8,813,280	9,009,745	7,402,975	8,213,765	8,192,717
*Daily Average	300,737	293,776	290,637	296,119	293,349	282,507
Days water pumped	31	30	31	25	28	29

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\*Value based on number of days water was pumped

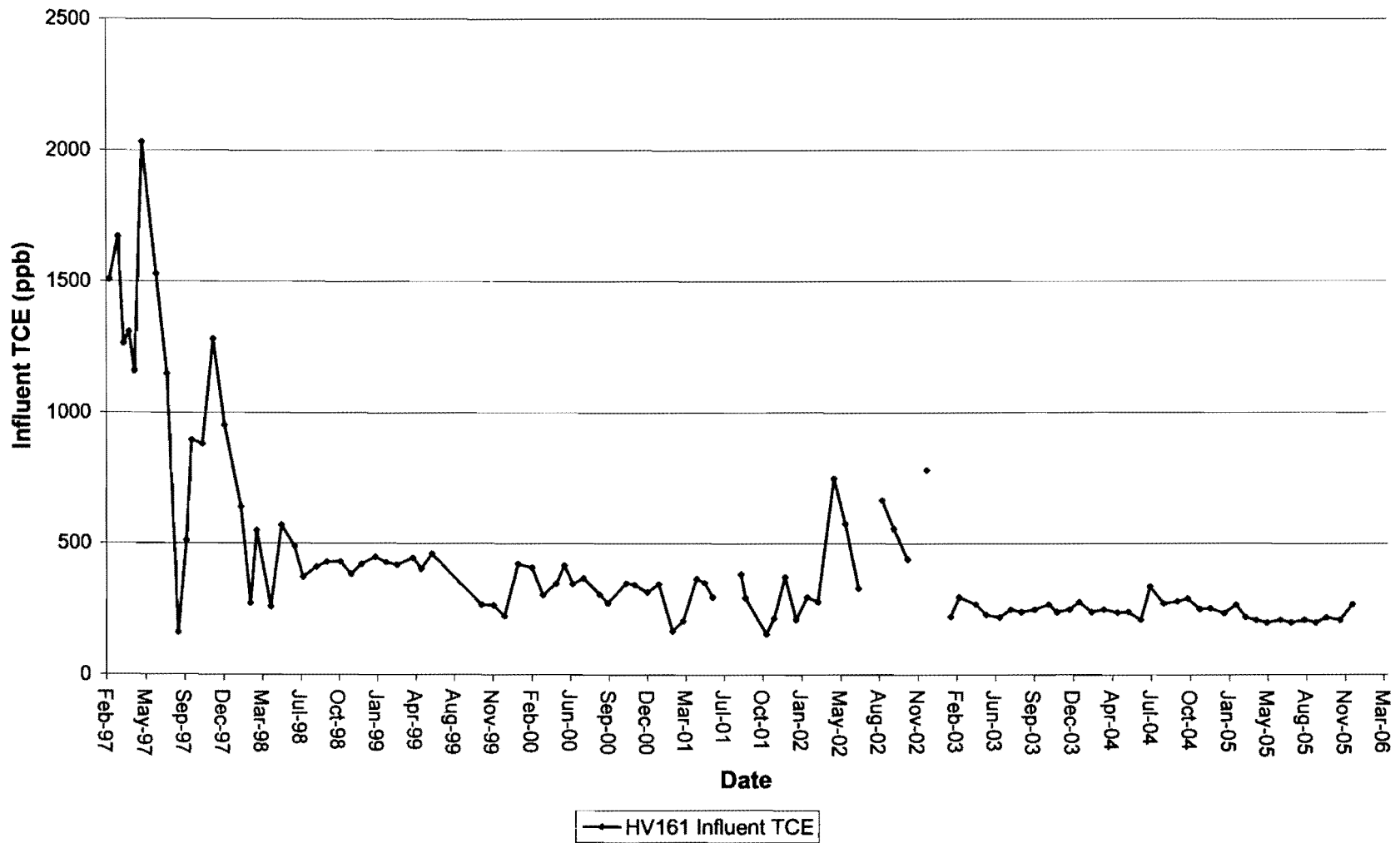
**APPENDIX B**  
**FIGURES 1 THROUGH 7**

50

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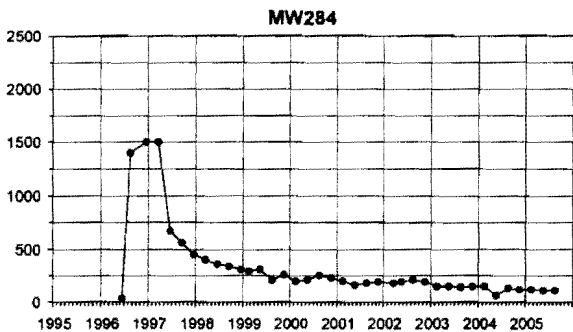
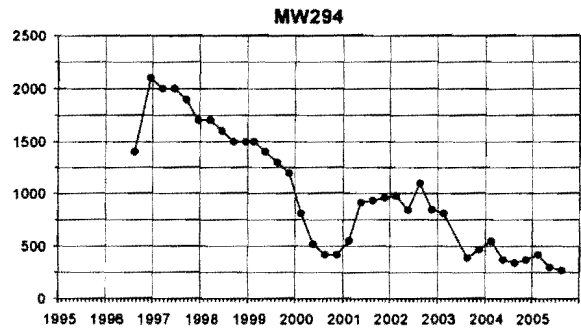
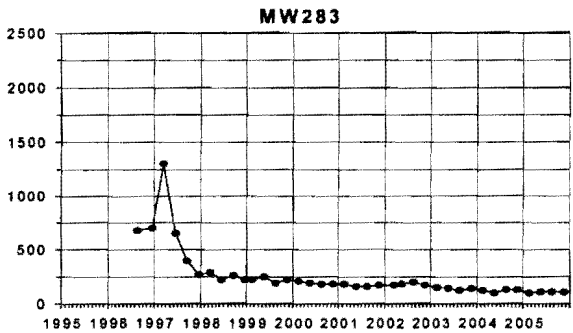
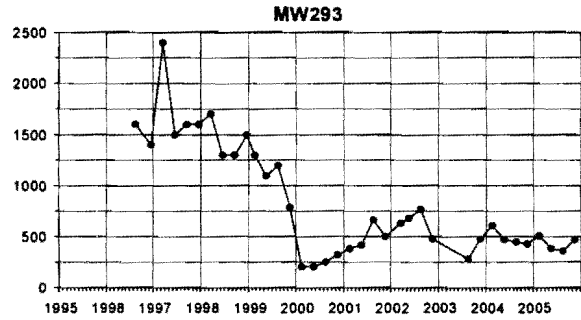
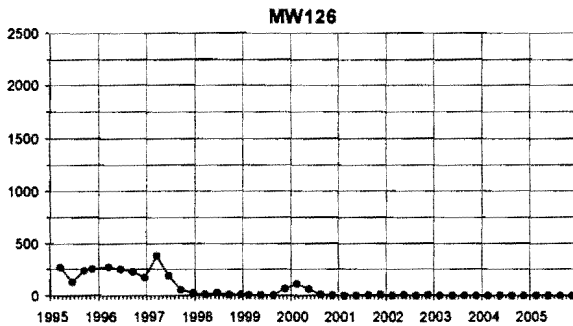
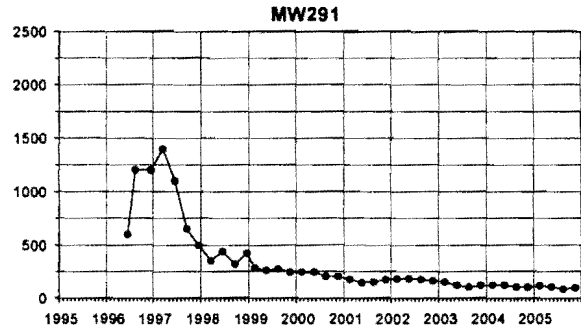
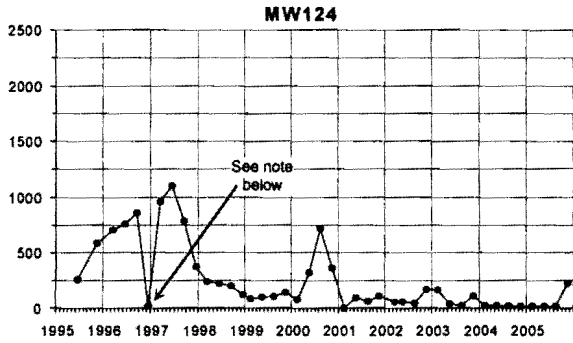
52

**Figure 1. Northeast Plume Containment System Influent Trichloroethene (TCE) Concentration  
FFA Progress Report 10/05-03/06**



Note: Rejected data have been excluded and are represented as gaps in the graph.

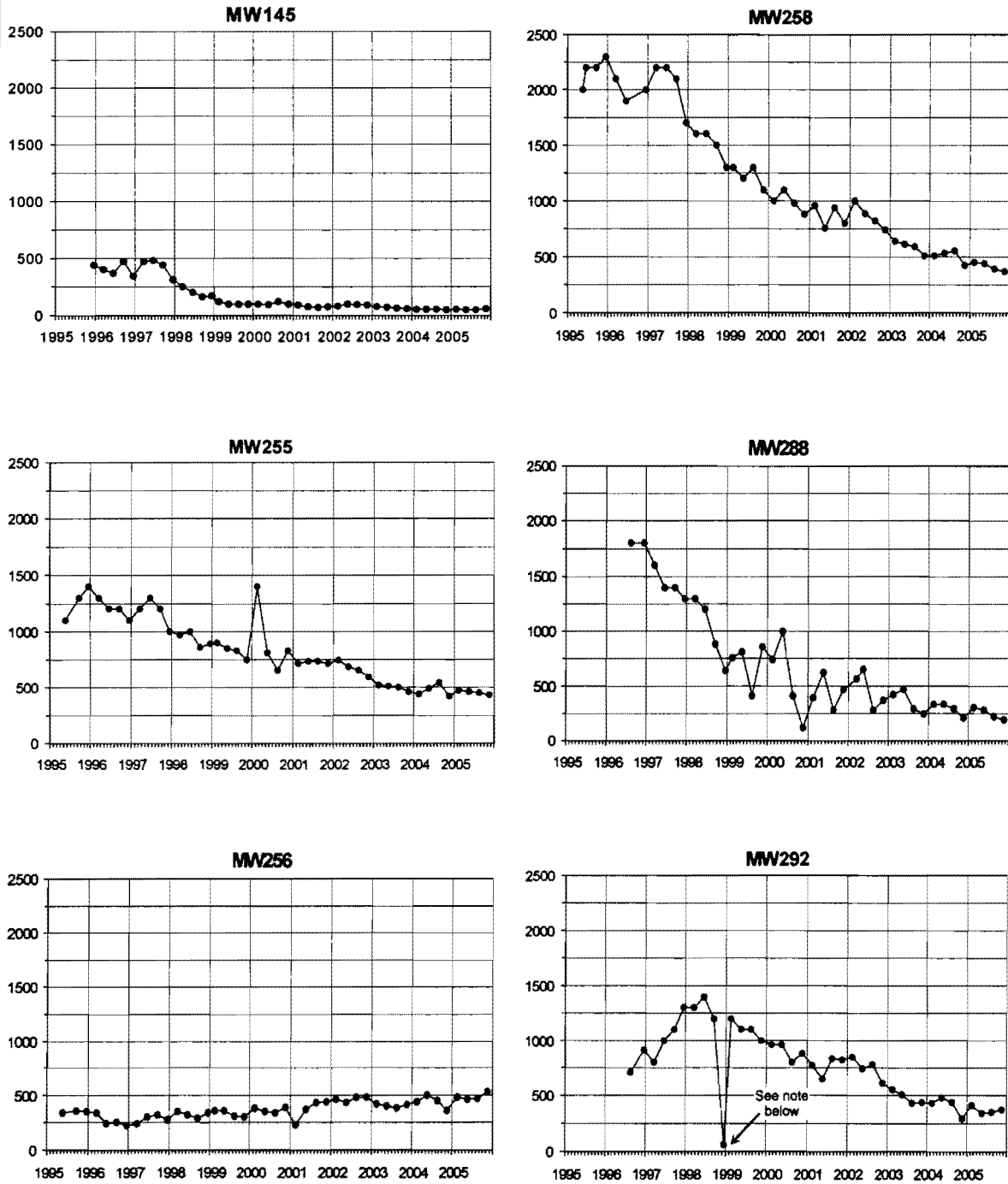
# TCE (ppb)



Note: Data not validated.

Fig. 2a. Northeast Plume—TCE concentrations in vicinity of downgradient wells.

# TCE (ppb)



Note: Suspected field blank reported as regular sample.

Fig. 2b. Northeast Plume—TCE concentrations in upgradient wells.

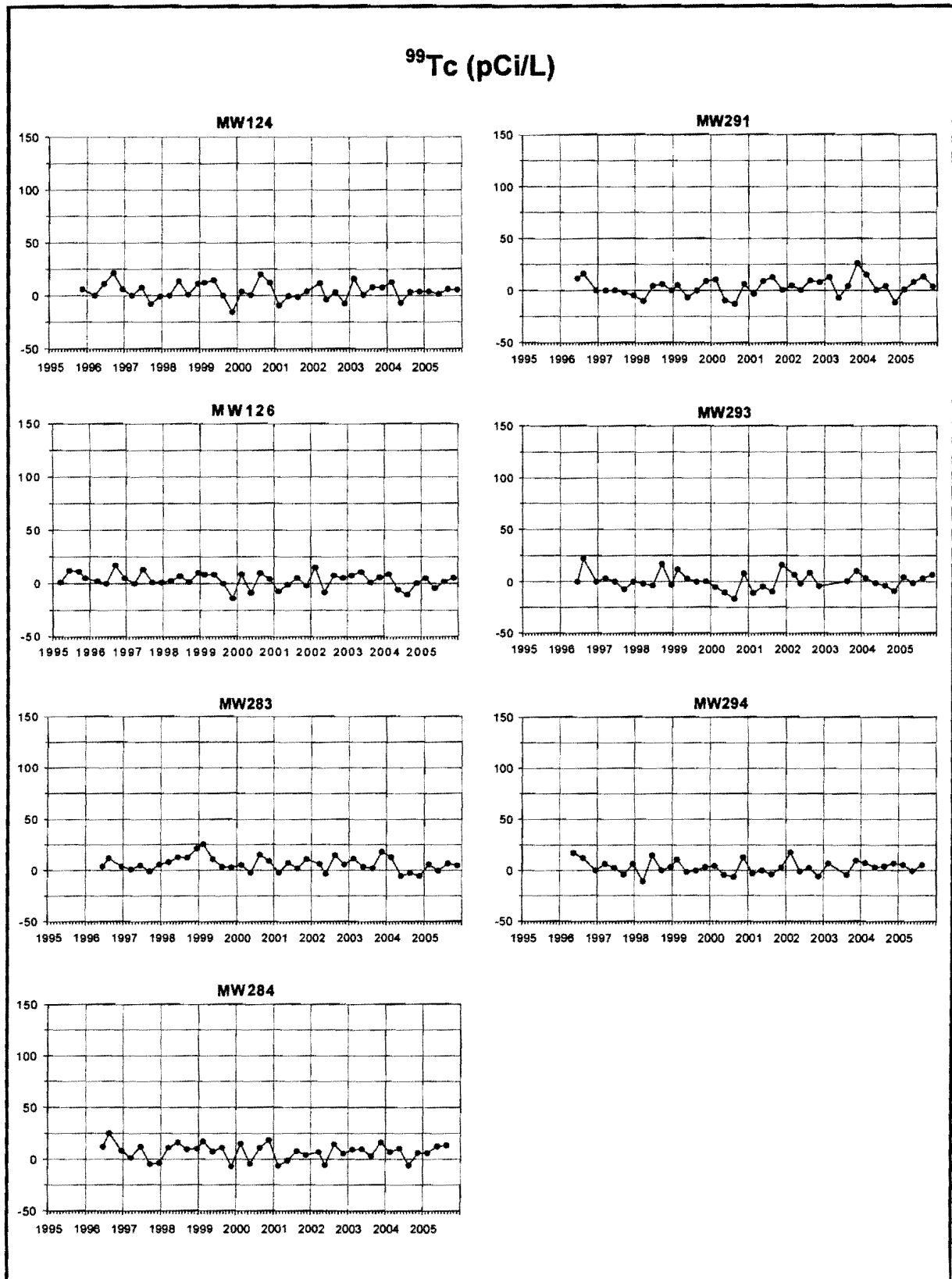


Fig. 2c. Northeast Plume— $^{99}\text{Tc}$  concentrations in vicinity of downgradient wells.

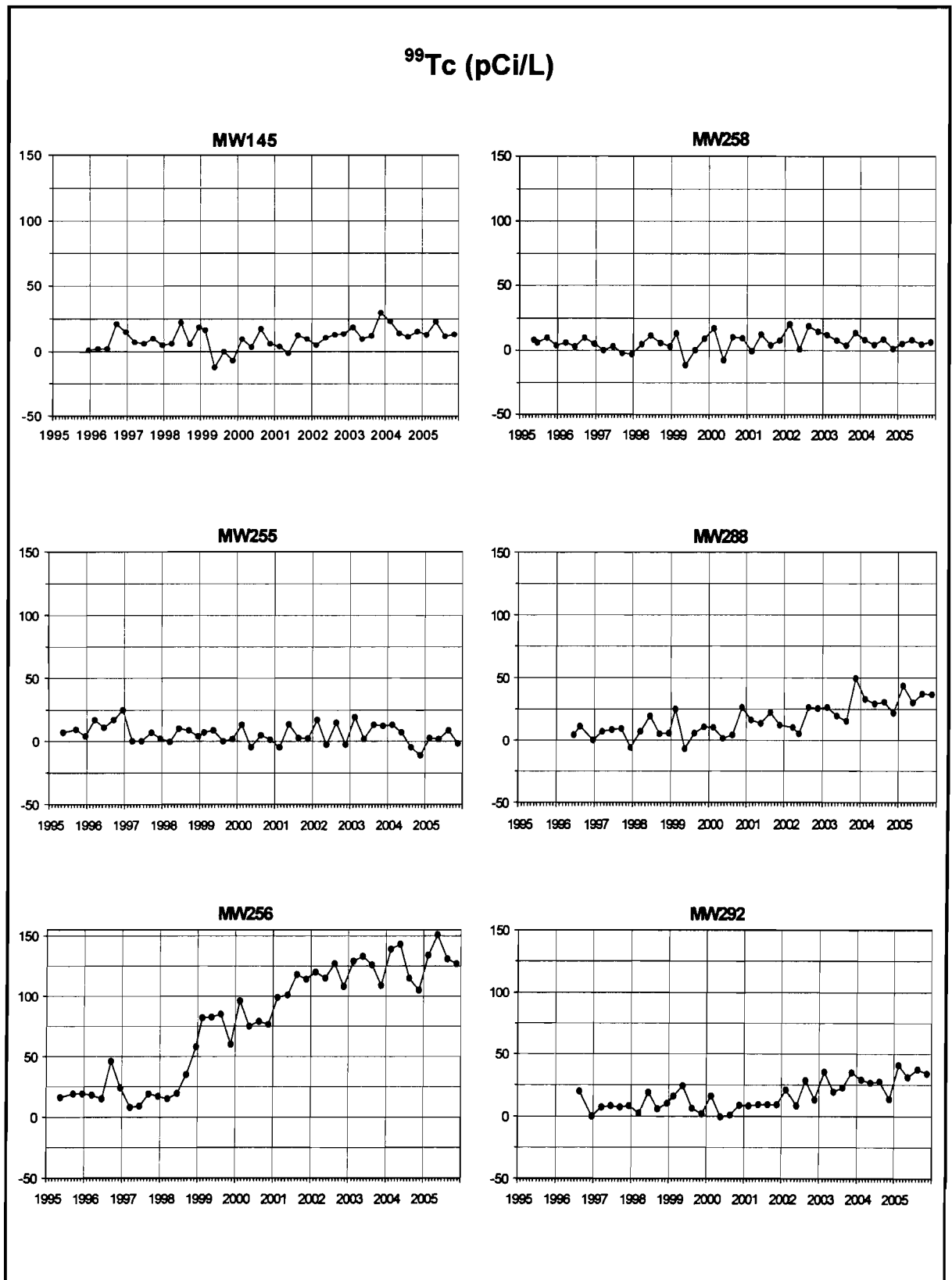


Fig. 2d. Northeast Plume— $^{99}\text{Tc}$  concentrations in upgradient wells.

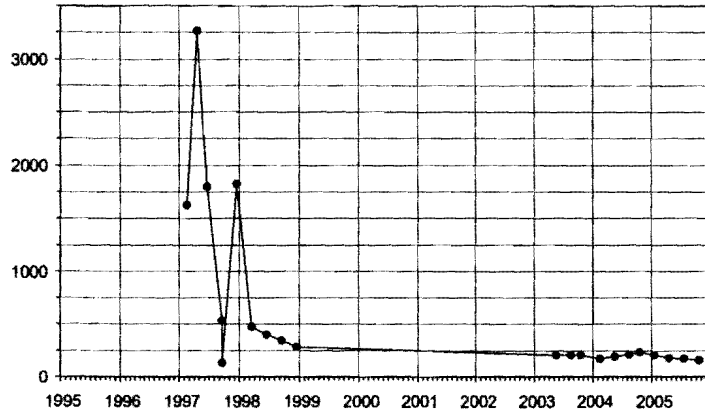


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B-8

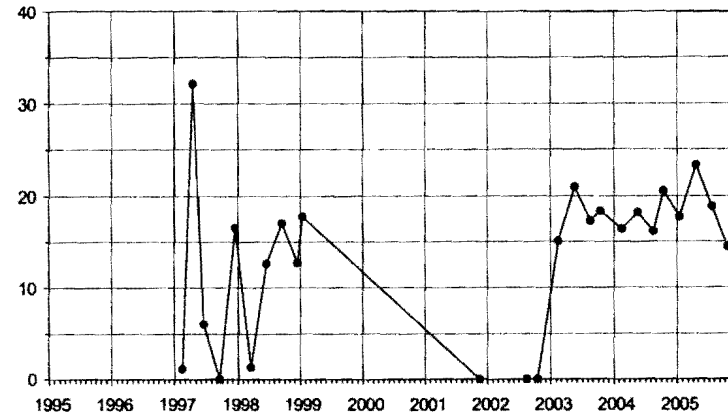
### TCE (ppb)

EW331

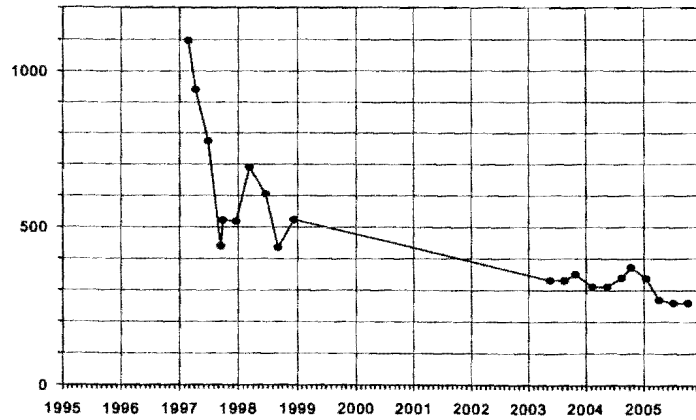


### <sup>99</sup>Tc (pCi/L)

EW331



EW332



EW332

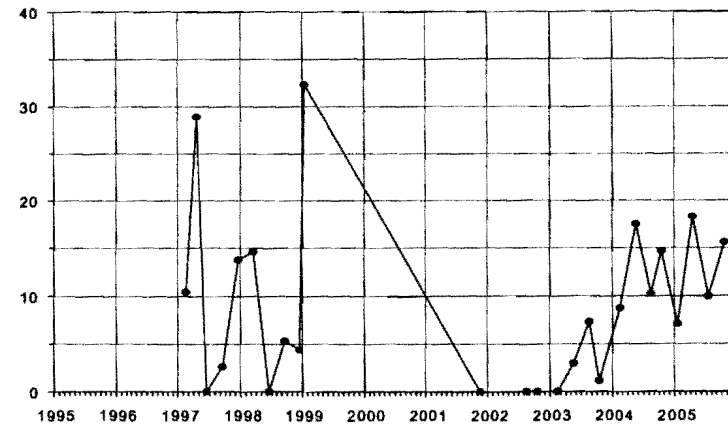
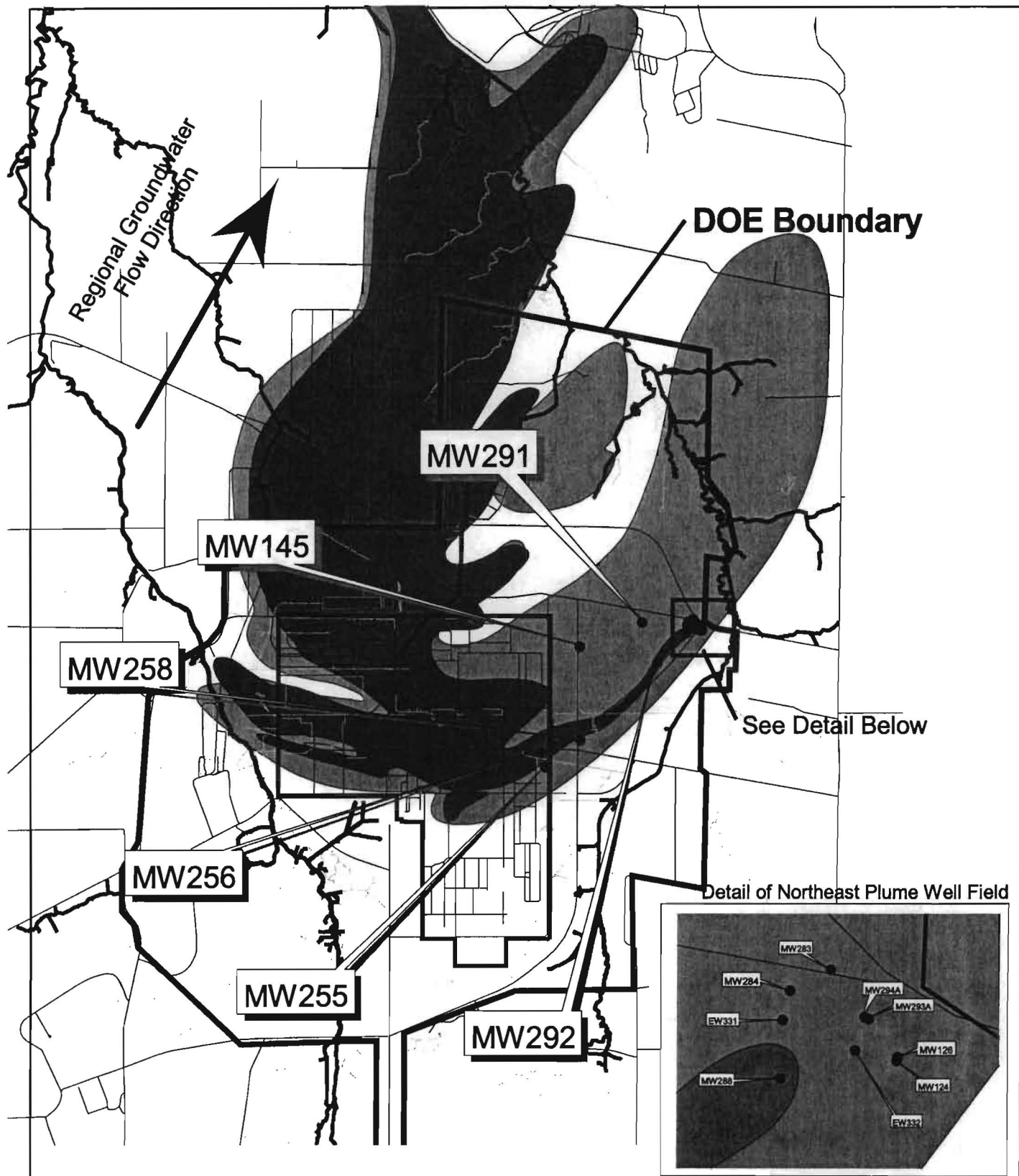


Fig. 2e. Northeast Plume—TCE and <sup>99</sup>Tc concentrations in extraction wells.



**LEGEND:**

- Monitoring Well Location
- Boundary of Tc-99 plume >1ppb as of 2004
- ▭ DOE Boundary
- ▭ Boundary of Tc-99 plume >25pCi/L as of 2004

0 2000 Feet



**U.S. DEPARTMENT OF ENERGY**  
DOE OAK RIDGE OPERATIONS  
PADUCAH GASEOUS DIFFUSION PLANT

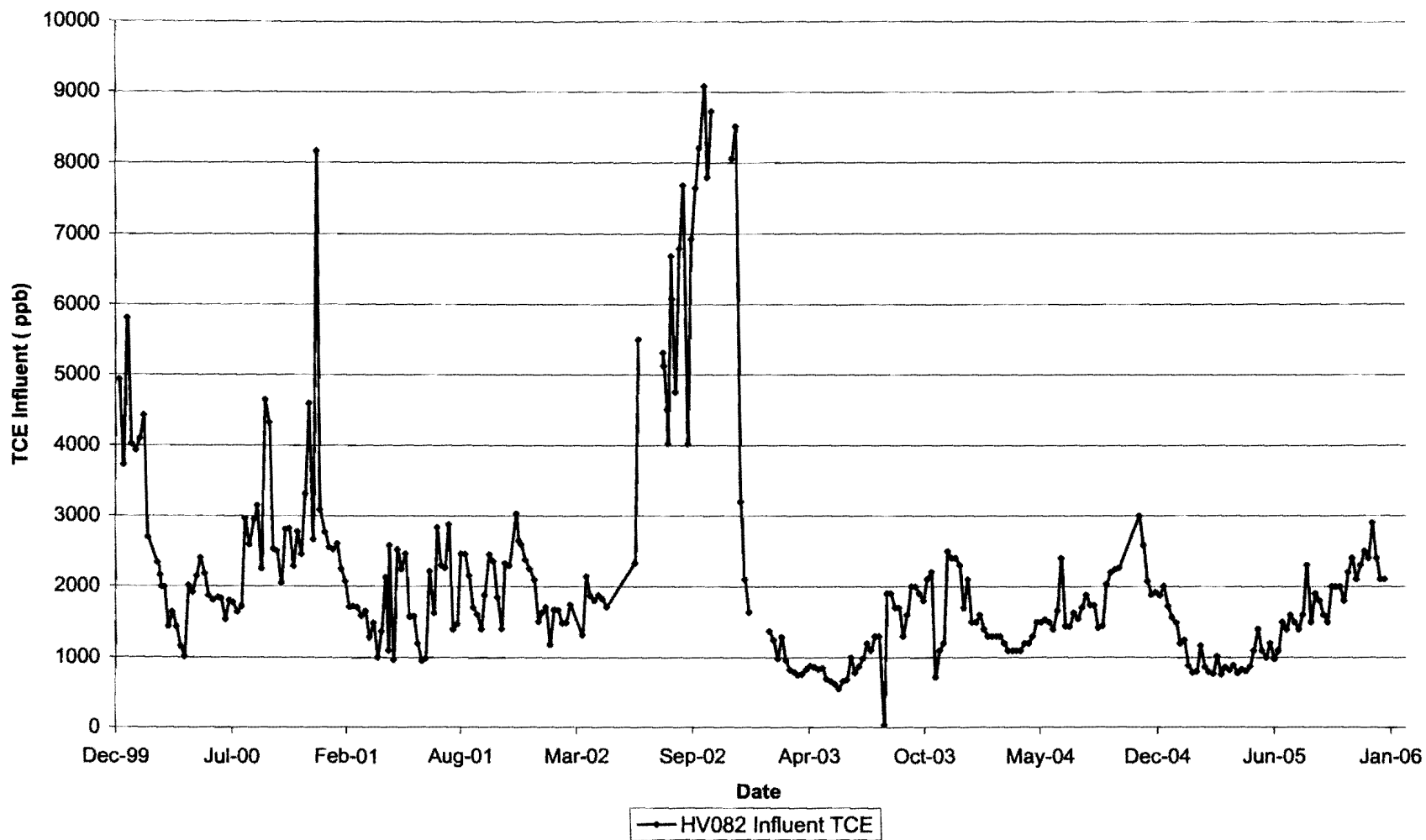
**BECHTEL JACOBS** BECHTEL JACOBS COMPANY LLC  
MANAGED FOR THE US DEPARTMENT OF ENERGY UNDER  
US GOVERNMENT CONTRACT DE-AC-05-03OR22980  
Oak Ridge, Tennessee Paducah, Kentucky Portsmouth, Ohio



FIGURE No. c5ac90002sk264.apr  
DATE 12-15-05

Fig. 3. Northeast plume groundwater wells.

Figure 4a. Northwest Plume Groundwater System Influent Trichloroethene (TCE) Concentrations  
FFA Progress Report 10/05-03/06

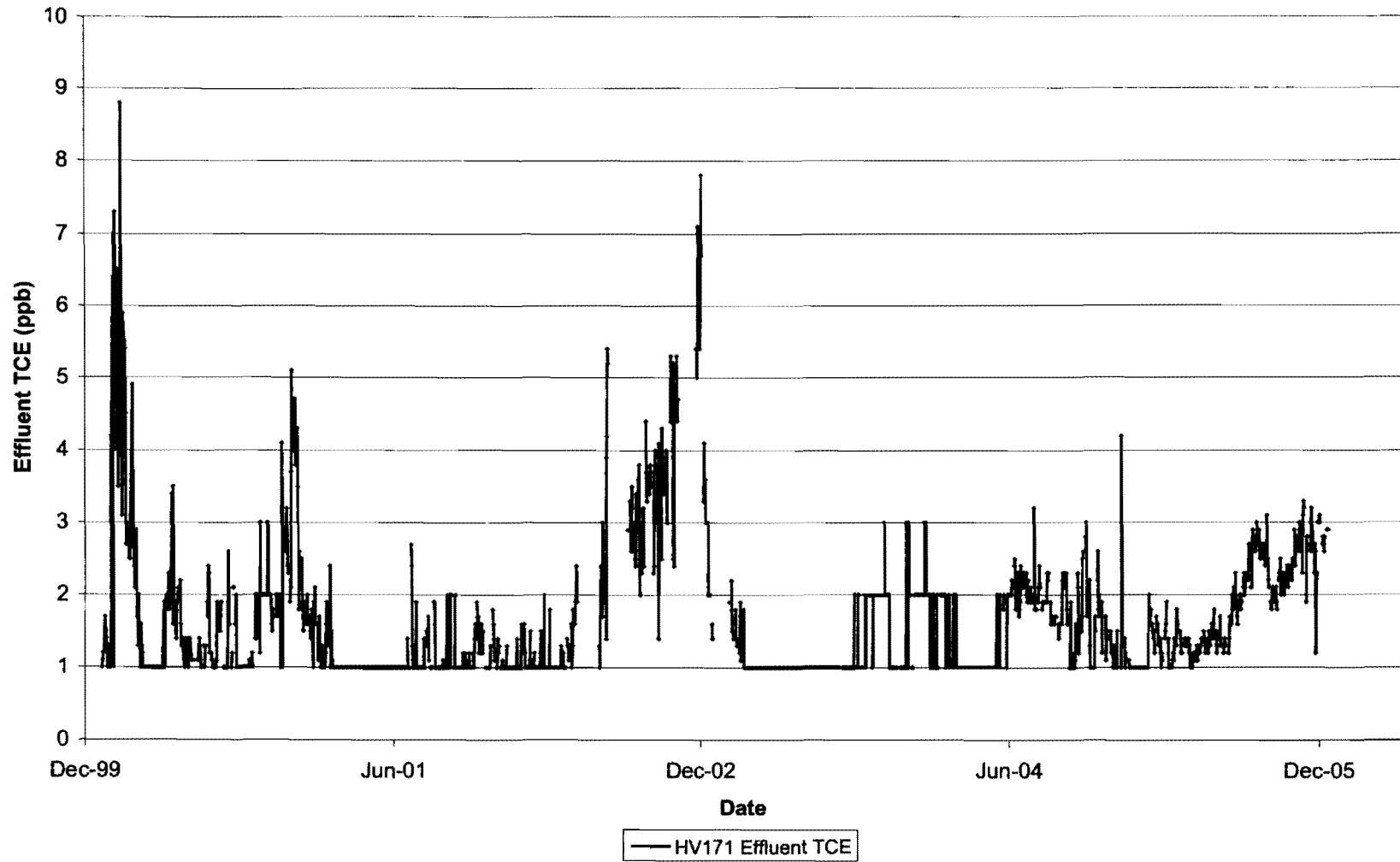


Note: Rejected data have been excluded and are represented as gaps in the graph.

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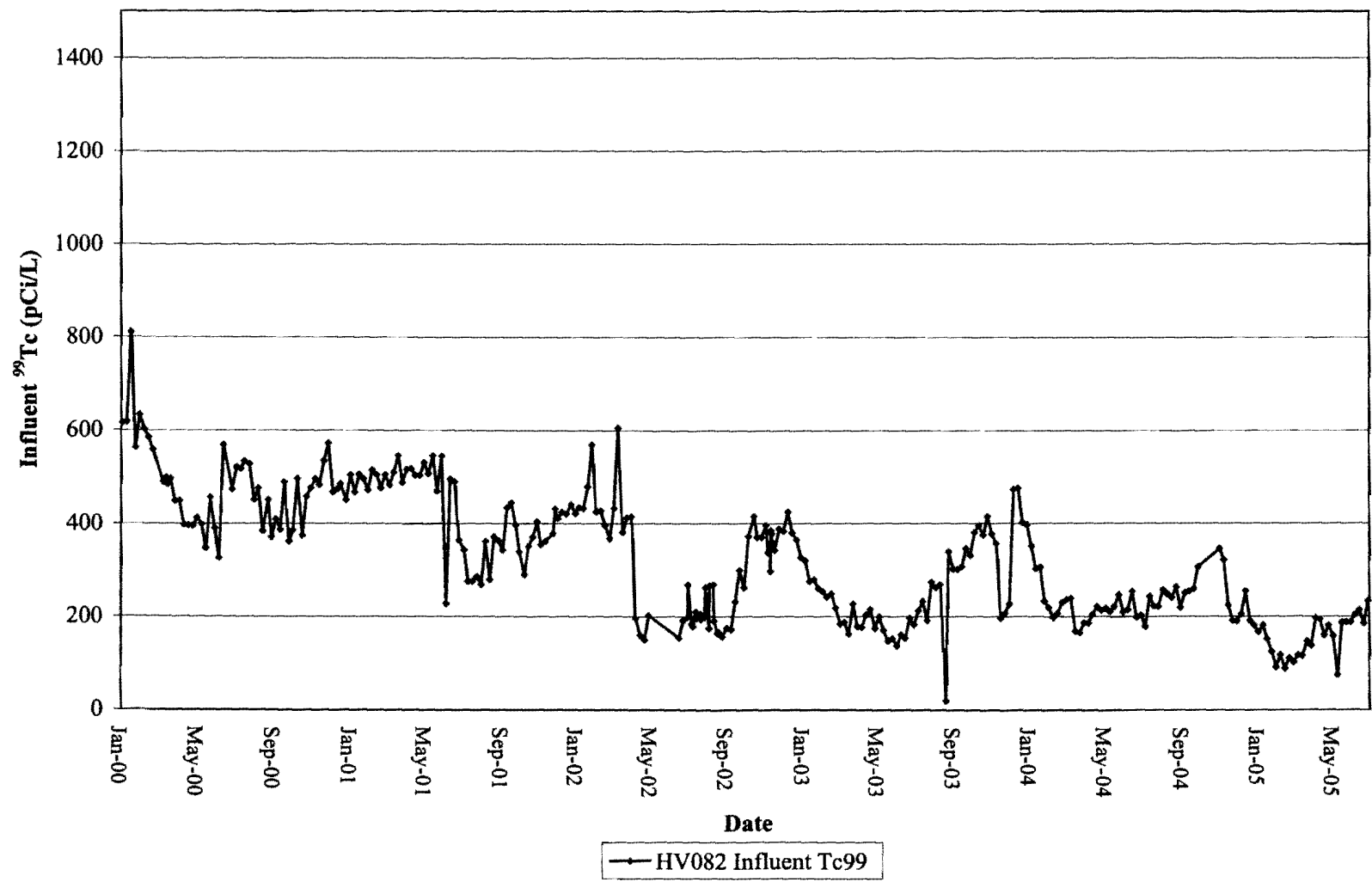
09

Figure 4b. Northwest Plume Groundwater System Effluent Trichloroethene (TCE) Concentrations  
FFA PProgress Report 10/05-03/06



Note: Rejected data have been excluded and are represented as gaps in the graph.

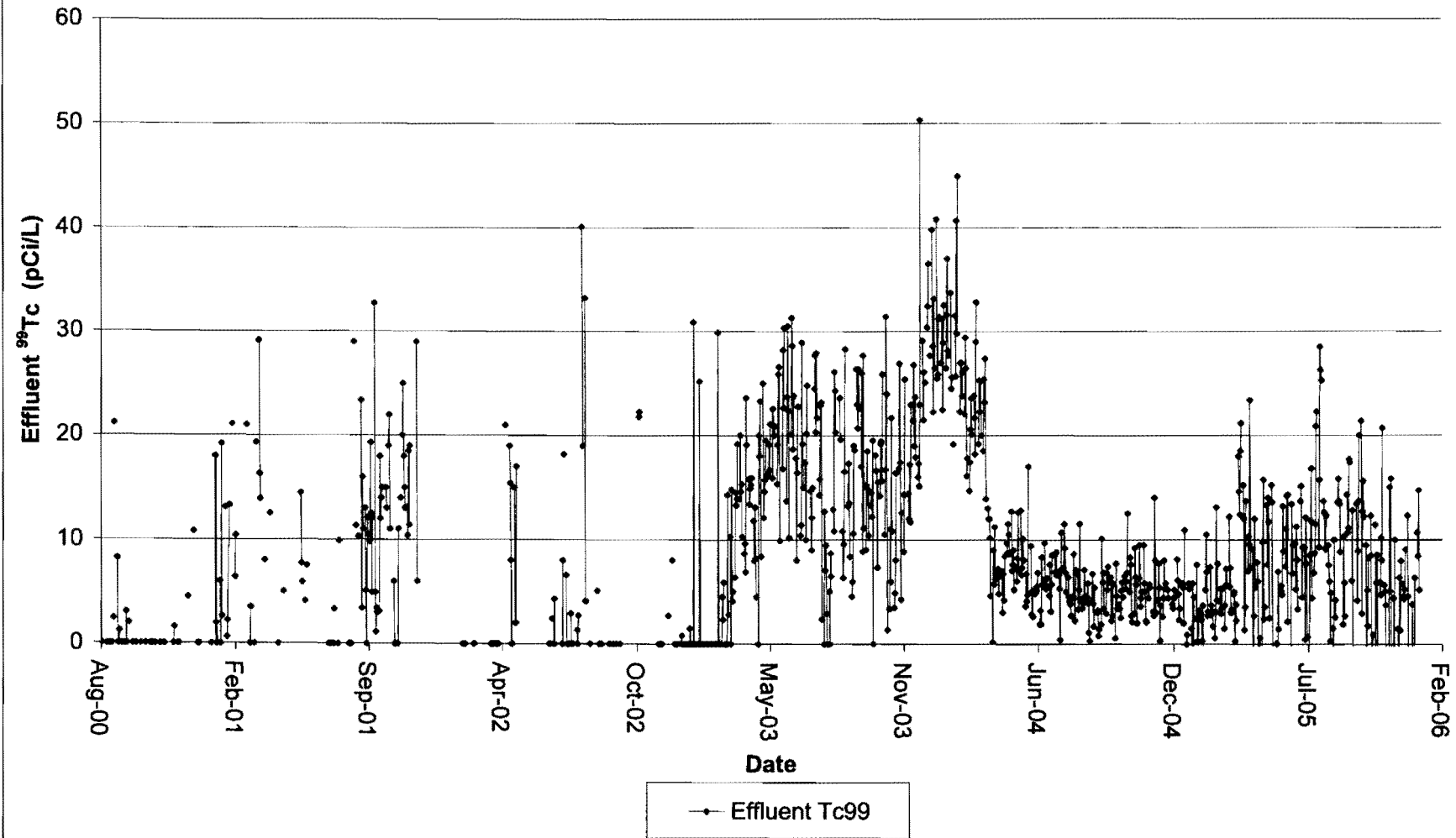
Figure 5a. Northwest Plume Groundwater System Influent Technetium-99 (<sup>99</sup>Tc) Activity  
FFA Progress Report 10/05-03/06



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Figure 5b. Northwest Plume Groundwater System Effluent Technetium-99 (<sup>99</sup>Tc) Activity  
FFA PRGRESS Report 10/05-03/06

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Note: Rejected data have been excluded and are represented as gaps in the graph.

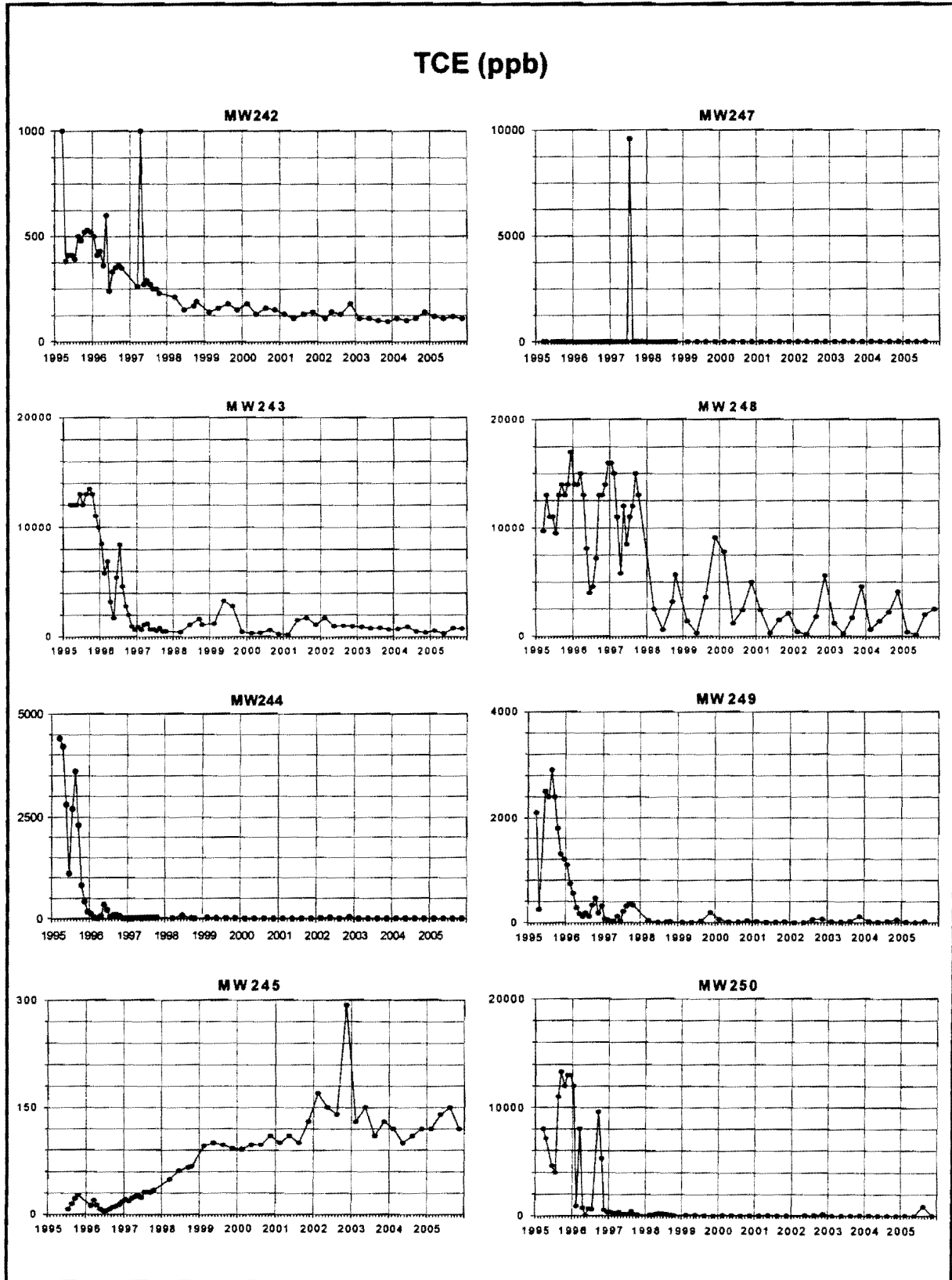
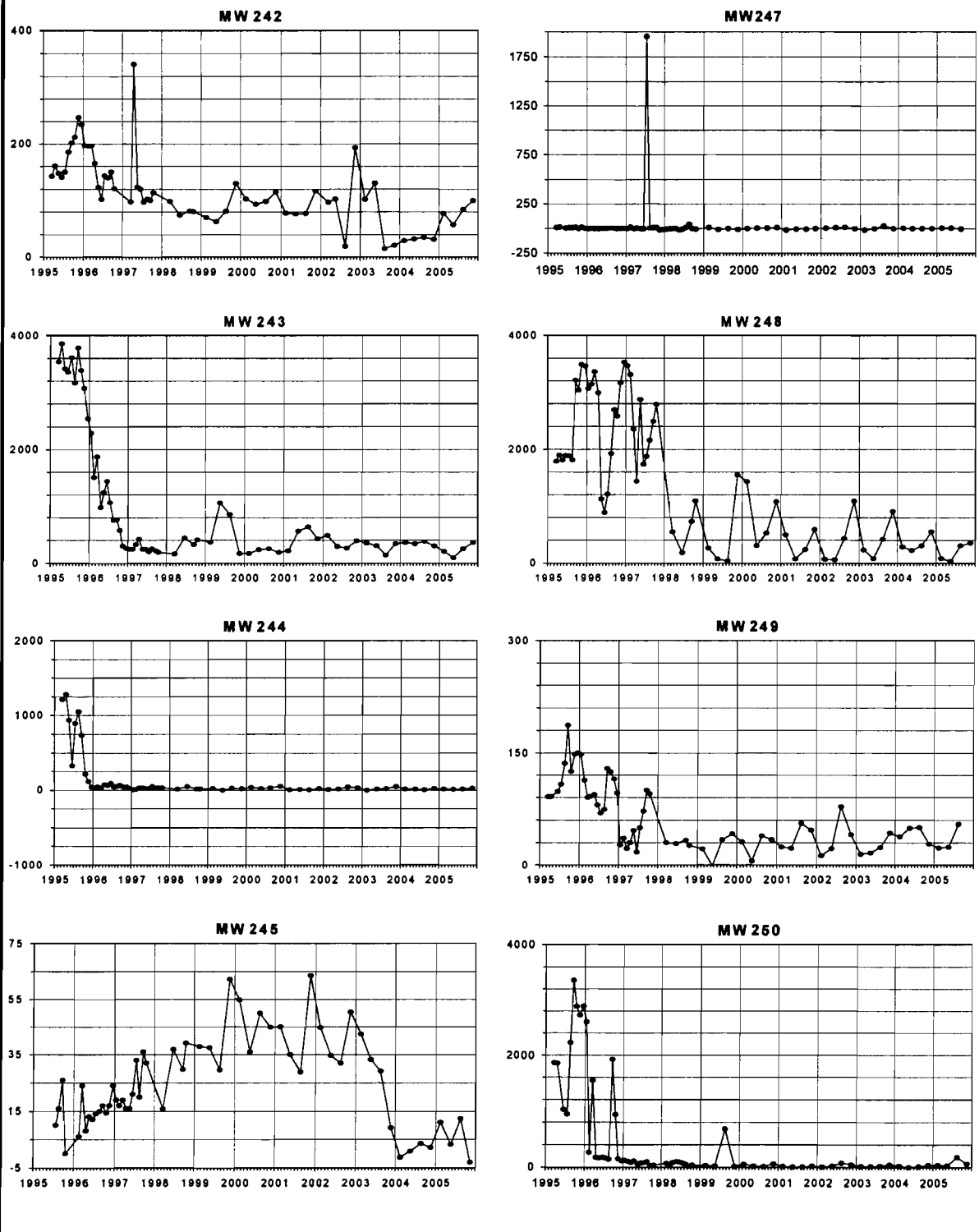


Fig. 6a. Northwest Plume—South Well Field TCE concentrations.

**$^{99}\text{Tc}$  (pCi/L)**



**Fig. 6b. Northwest Plume—South Well Field  $^{99}\text{Tc}$  concentrations.**



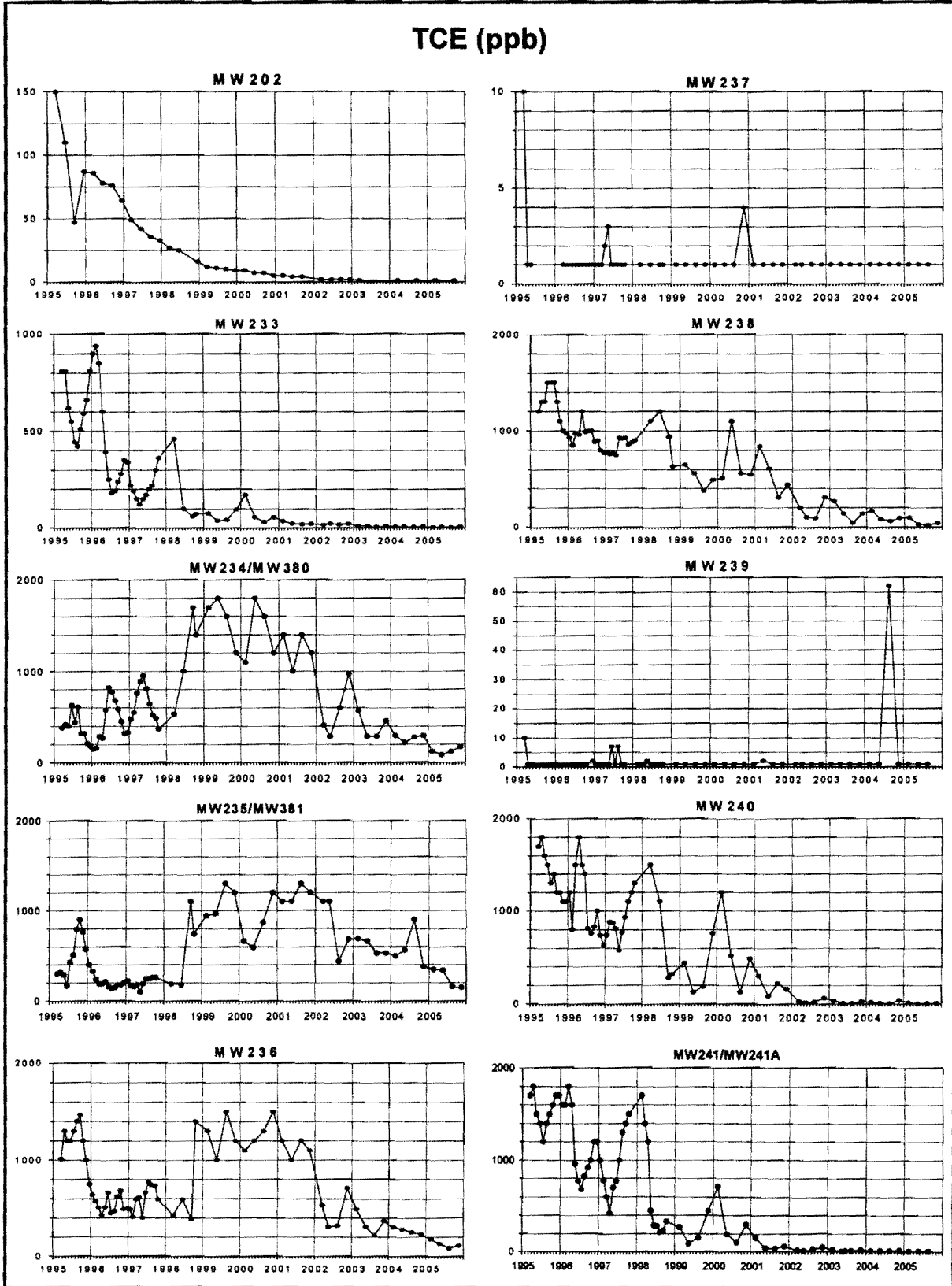


Fig. 6c. Northwest Plume—North Well Field TCE concentrations.

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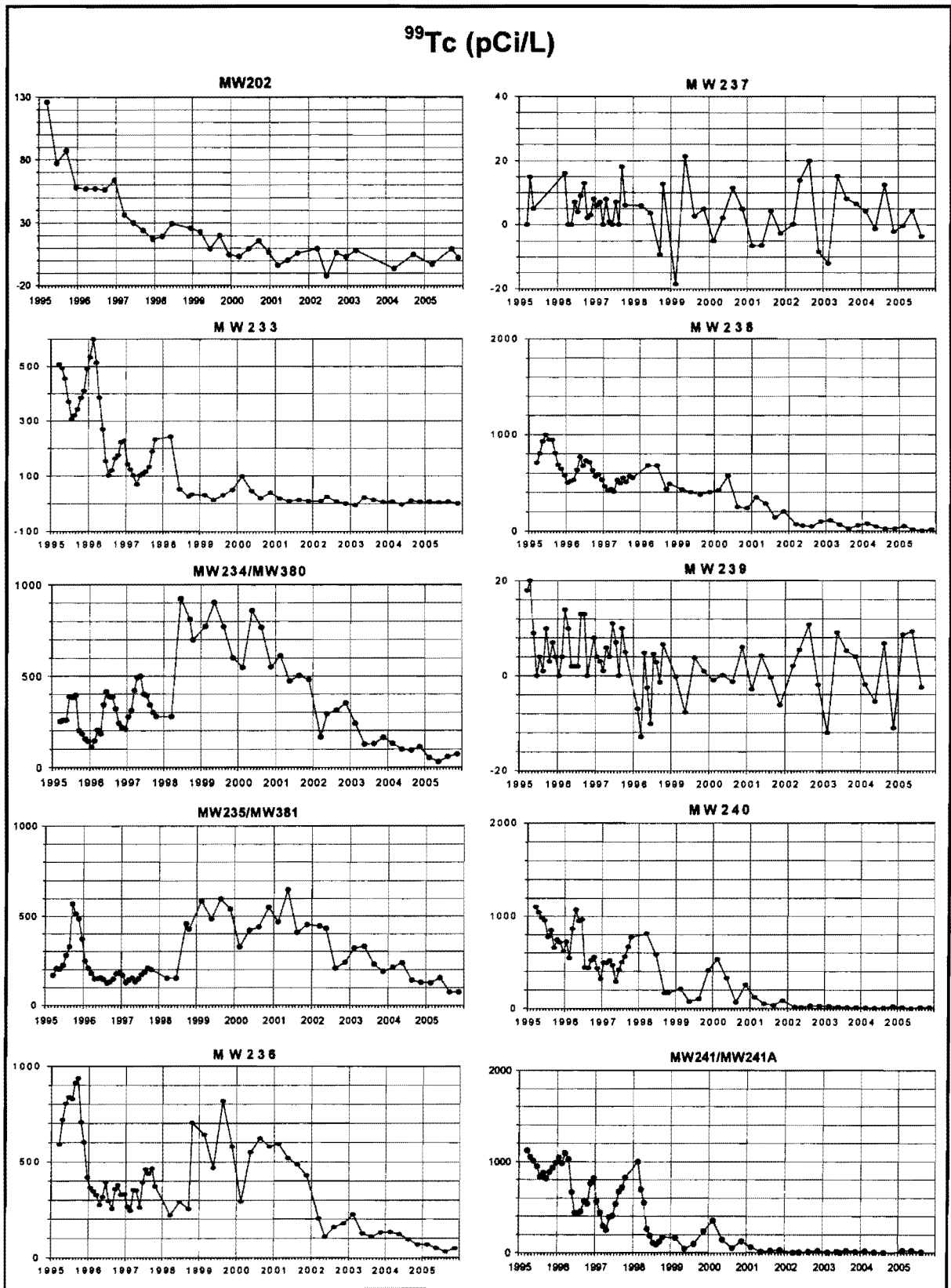


Fig. 6d. Northwest Plume—North Well Field  $^{99}\text{Tc}$  concentrations.

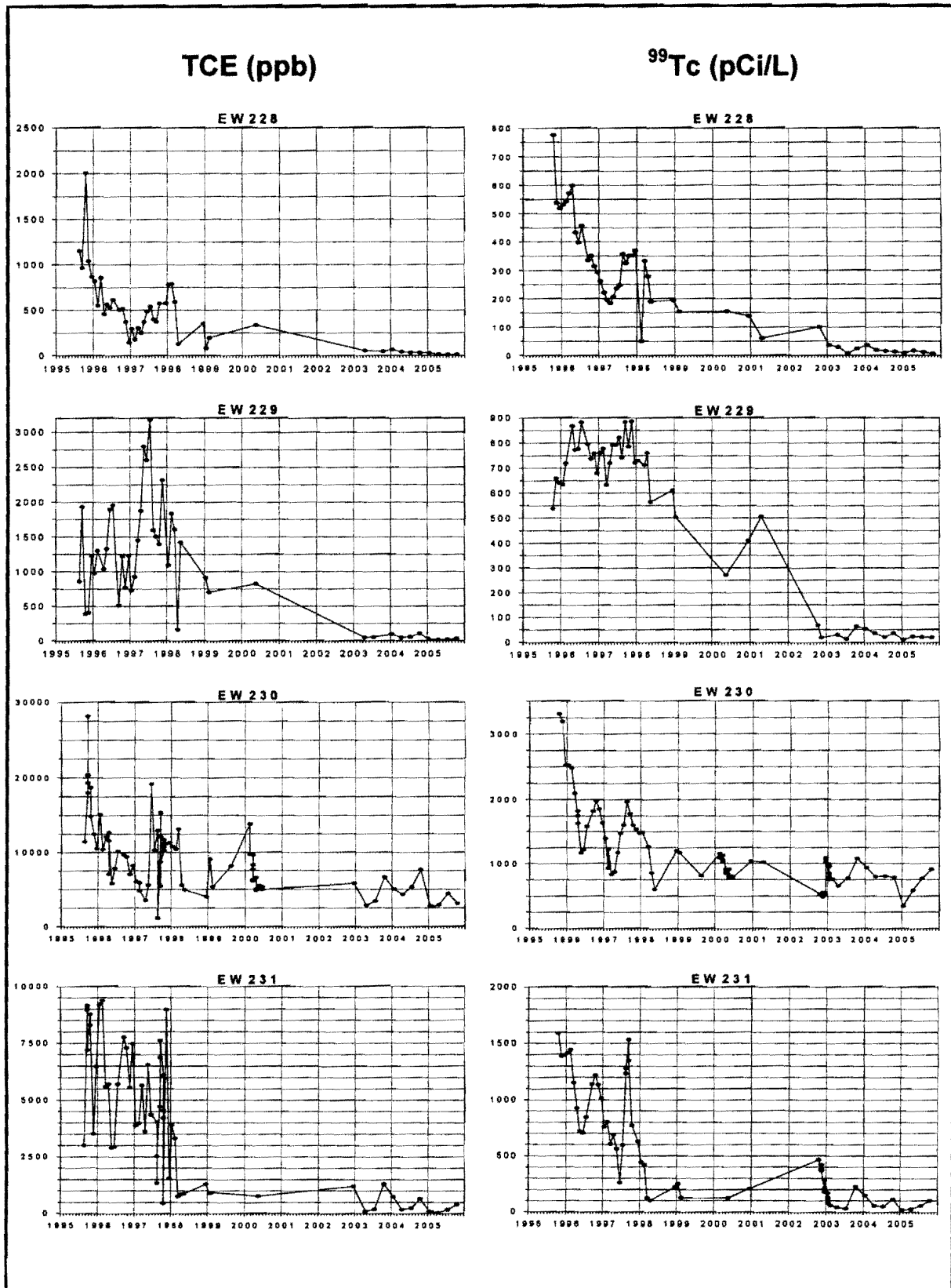
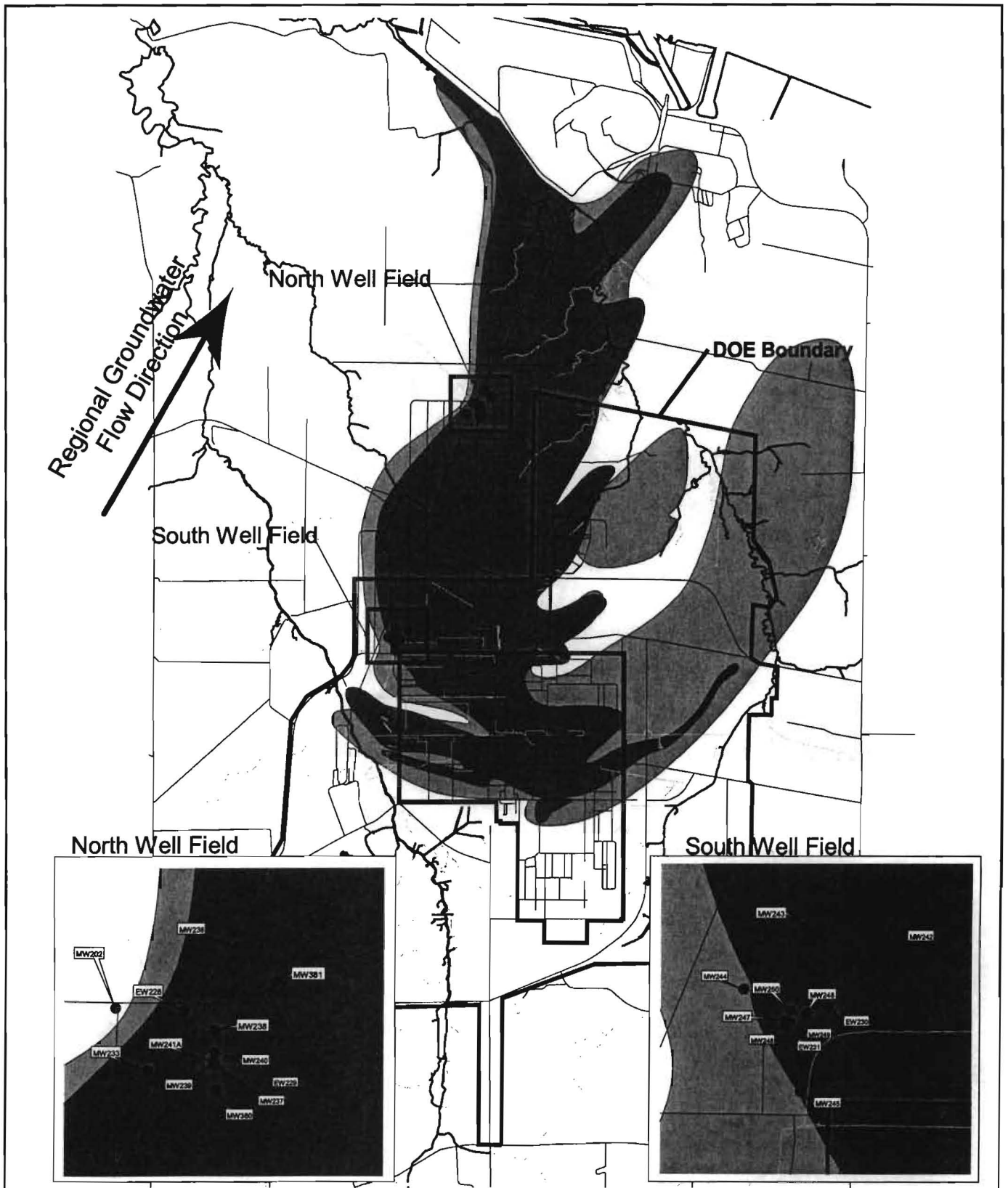


Fig. 6e. Northwest Plume—TCE and <sup>99</sup>Tc concentrations in extraction wells.



**LEGEND:**

- Monitoring Well Location
- Boundary of TCE plume >1ppb as of 2004
- ▭ DOE Boundary
- Boundary of Tc-99 plume >25pCi/L as of 2004

0 2000 Feet



**U.S. DEPARTMENT OF ENERGY**  
**DOE OAK RIDGE OPERATIONS**  
**PADUCAH GASEOUS DIFFUSION PLANT**

**BECHTEL** **JACOBS** **BECHTEL JACOBS COMPANY LLC**  
 MANAGED FOR THE US DEPARTMENT OF ENERGY UNDER  
 US GOVERNMENT CONTRACT DE-AC-05-03OR22980  
 Oak Ridge, Tennessee • Paducah, Kentucky • Portsmouth, Ohio



Fig. 7. Northwest plume groundwater wells.

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**APPENDIX C**  
**C-746-K LANDFILL DATA**

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# C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW300	Collected	Results	Units	Frequency	Semi-Annual
<b>Field Parameters</b>						
<b>Barometric Pressure Reading</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	29.2	Inches/Hg		
Sample	MW300DKG1-06	10/25/2005	29.2	Inches/Hg		
<b>Depth to Water</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	6.3	ft		
Sample	MW300DKG1-06	10/25/2005	6.3	ft		
<b>Dissolved Oxygen</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	2.17	mg/L		
Sample	MW300DKG1-06	10/25/2005	2.17	mg/L		
<b>Iron (2+)</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	0	mg/L		
Sample	MW300DKG1-06	10/25/2005	0	mg/L		
<b>pH</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	3.56	Std Unit		
Sample	MW300DKG1-06	10/25/2005	3.56	Std Unit		
<b>Redox</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	347	mV		
Sample	MW300DKG1-06	10/25/2005	347	mV		
<b>Specific conductance</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	217	umho/cm		
Sample	MW300DKG1-06	10/25/2005	217	umho/cm		
<b>Temperature</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	65.6	deg F		
Sample	MW300DKG1-06	10/25/2005	65.6	deg F		
<b>Turbidity</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	86.7	NTU		
Sample	MW300DKG1-06	10/25/2005	86.7	NTU		
<b>Volatiles</b>						
<b>1,1,1-Trichloroethane</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	U 50	ug/L		
Sample	MW300DKG1-06	10/25/2005	U 50	ug/L		
<b>1,1,2-Trichloroethane</b>					<b>Frequency</b>	<b>Semi-Annual</b>
Sample	MW300KG1-06	10/25/2005	U 50	ug/L		
Sample	MW300DKG1-06	10/25/2005	U 50	ug/L		



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July - December 2005

STATION	MW300	Collected	Results	Units	Frequency	Semi-Annual
	<b>1,1-Dichloroethane</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>1,1-Dichloroethene</b>					
	Sample MW300KG1-06	10/25/2005	D 65	ug/L		
	Sample MW300DKG1-06	10/25/2005	D 55	ug/L		
	<b>1,2-Dichloroethane</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Benzene</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Bromodichloromethane</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Carbon Tetrachloride</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Chloroform</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>cis-1,2-Dichloroethene</b>					
	Sample MW300KG1-06	10/25/2005	D 520	ug/L		
	Sample MW300DKG1-06	10/25/2005	D 530	ug/L		
	<b>Ethylbenzene</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Tetrachloroethene</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
	<b>Toluene</b>					
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		

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STATION	MW300	Collected	Results	Units	Frequency	Semi-Annual
<b>Total Xylene</b>						
	Sample MW300KG1-06	10/25/2005	U 150	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 150	ug/L		
<b>trans-1,2-Dichloroethene</b>						
	Sample MW300KG1-06	10/25/2005	U 50	ug/L		
	Sample MW300DKG1-06	10/25/2005	U 50	ug/L		
<b>Trichloroethene</b>						
	Sample MW300KG1-06	10/25/2005	D 14	ug/L		
	Sample MW300DKG1-06	10/25/2005	D 13	ug/L		
<b>Vinyl Chloride</b>						
	Sample MW300KG1-06	10/25/2005	D 47	ug/L		
	Sample MW300DKG1-06	10/25/2005	D 39	ug/L		
<b>Radionuclides</b>						
<b>Gross Alpha</b>						
	Sample MW300KG1-06	10/25/2005	UX 2.14	pCi/L		
	Sample MW300DKG1-06	10/25/2005	UX 18.1	pCi/L		
<b>Gross Beta</b>						
	Sample MW300KG1-06	10/25/2005	29.6	pCi/L		
	Sample MW300DKG1-06	10/25/2005	38.4	pCi/L		
<b>Technetium-99</b>						
	Sample MW300KG1-06	10/25/2005	U 6.49	pCi/L		
	Sample MW300DKG1-06	10/25/2005	U 8.37	pCi/L		
<b>Metals</b>						
<b>Aluminum</b>						
	Sample MW300KG1-06	10/25/2005	B 0.344	mg/L		
	Sample MW300DKG1-06	10/25/2005	B 0.259	mg/L		
<b>Arsenic</b>						
	Sample MW300KG1-06	10/25/2005	0.00411	mg/L		
	Sample MW300DKG1-06	10/25/2005	0.00432	mg/L		
<b>Barium</b>						
	Sample MW300KG1-06	10/25/2005	0.0183	mg/L		
	Sample MW300DKG1-06	10/25/2005	0.018	mg/L		
<b>Beryllium</b>						
	Sample MW300KG1-06	10/25/2005	U 0.001	mg/L		
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L		

**C-746-K Landfill Monitoring Semiannual Report**  
**July - December 2005**

<b>STATION</b>	<b>MW300</b>	<b>Collected</b>	<b>Results</b>	<b>Units</b>	<b>Frequency</b>	<b>Semi-Annual</b>
	<b>Cadmium</b>					
	Sample MW300KG1-06	10/25/2005	U 0.001	mg/L		
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L		
	<b>Calcium</b>					
	Sample MW300KG1-06	10/25/2005	252	mg/L		
	Sample MW300DKG1-06	10/25/2005	256	mg/L		
	<b>Iron</b>					
	Sample MW300KG1-06	10/25/2005	178	mg/L		
	Sample MW300DKG1-06	10/25/2005	199	mg/L		
	<b>Lead</b>					
	Sample MW300KG1-06	10/25/2005	0.00529	mg/L		
	Sample MW300DKG1-06	10/25/2005	U 0.005	mg/L		
	<b>Magnesium</b>					
	Sample MW300KG1-06	10/25/2005	67.7	mg/L		
	Sample MW300DKG1-06	10/25/2005	68.4	mg/L		
	<b>Manganese</b>					
	Sample MW300KG1-06	10/25/2005	X 15.2	mg/L		
	Sample MW300DKG1-06	10/25/2005	X 16.1	mg/L		
	<b>Nickel</b>					
	Sample MW300KG1-06	10/25/2005	X 0.0843	mg/L		
	Sample MW300DKG1-06	10/25/2005	X 0.0854	mg/L		
	<b>Potassium</b>					
	Sample MW300KG1-06	10/25/2005	14.9	mg/L		
	Sample MW300DKG1-06	10/25/2005	15	mg/L		
	<b>Sodium</b>					
	Sample MW300KG1-06	10/25/2005	B 18.9	mg/L		
	Sample MW300DKG1-06	10/25/2005	B 19.6	mg/L		
	<b>Uranium</b>					
	Sample MW300KG1-06	10/25/2005	U 0.001	mg/L		
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L		
<b>Dissolved Metals</b>						
	<b>Arsenic, Dissolved</b>					
	Sample MW300KG1-06	10/25/2005	0.00288	mg/L		
	Sample MW300DKG1-06	10/25/2005	0.00345	mg/L		

## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW300	Collected	Results	Units	Frequency
	<b>Barium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	0.0166	mg/L	
	Sample MW300DKG1-06	10/25/2005	0.0164	mg/L	
	<b>Beryllium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	0.00103	mg/L	
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L	
	<b>Cadmium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	U 0.001	mg/L	
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L	
	<b>Lead, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	0.0101	mg/L	
	Sample MW300DKG1-06	10/25/2005	U 0.005	mg/L	
	<b>Uranium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	U 0.001	mg/L	
	Sample MW300DKG1-06	10/25/2005	U 0.001	mg/L	
<b>Other</b>					
	<b>Chloride</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	12	mg/L	
	Sample MW300DKG1-06	10/25/2005	12	mg/L	
	<b>Nitrate as Nitrogen</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	U 1	mg/L	
	Sample MW300DKG1-06	10/25/2005	U 1	mg/L	
	<b>Sulfate</b>				<b>Semi-Annual</b>
	Sample MW300KG1-06	10/25/2005	1700	mg/L	
	Sample MW300DKG1-06	10/25/2005	1800	mg/L	

# C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW301	Collected	Results	Units		
<b>Field Parameters</b>						
	<b>Alkalinity</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	100	mg/L		
	<b>Barometric Pressure Reading</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	29.2	Inches/Hg		
	<b>Depth to Water</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	8.83	ft		
	<b>Dissolved Oxygen</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	1.27	mg/L		
	<b>Iron (2+)</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	0.36	mg/L		
	<b>pH</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	6.03	Std Unit		
	<b>Redox</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	22	mV		
	<b>Specific conductance</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	335	umho/cm		
	<b>Temperature</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	63.2	deg F		
	<b>Turbidity</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	113	NTU		
<b>Volatiles</b>						
	<b>1,1,1-Trichloroethane</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>1,1,2-Trichloroethane</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>1,1-Dichloroethane</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	5.6	ug/L		
	<b>1,1-Dichloroethene</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	5.1	ug/L		
	<b>1,2-Dichloroethane</b>				<b>Frequency</b>	<b>Semi-Annual</b>
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		

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July - December 2005

STATION	MW301	Collected	Results	Units	Frequency	Semi-Annual
	<b>Benzene</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Bromodichloromethane</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Carbon Tetrachloride</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Chloroform</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>cis-1,2-Dichloroethene</b>					
	Sample MW301KG1-06	10/25/2005	64	ug/L		
	<b>Ethylbenzene</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Tetrachloroethene</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Toluene</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Total Xylene</b>					
	Sample MW301KG1-06	10/25/2005	U 15	ug/L		
	<b>trans-1,2-Dichloroethene</b>					
	Sample MW301KG1-06	10/25/2005	U 5	ug/L		
	<b>Trichloroethene</b>					
	Sample MW301KG1-06	10/25/2005	U 1	ug/L		
	<b>Vinyl Chloride</b>					
	Sample MW301KG1-06	10/25/2005	3.5	ug/L		
<b>Radionuclides</b>						
	<b>Gross Alpha</b>					
	Sample MW301KG1-06	10/25/2005	UX -12.7	pCi/L		
	<b>Gross Beta</b>					
	Sample MW301KG1-06	10/25/2005	51.3	pCi/L		
	<b>Technetium-99</b>					
	Sample MW301KG1-06	10/25/2005	U 4.49	pCi/L		

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July - December 2005

STATION	MW301	Collected	Results	Units	Frequency
<b>Metals</b>					
	<b>Aluminum</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	BU 0.2	mg/L	
	<b>Arsenic</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	0.0011	mg/L	
	<b>Barium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	0.0255	mg/L	
	<b>Beryllium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Cadmium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Calcium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	528	mg/L	
	<b>Iron</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	289	mg/L	
	<b>Lead</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	U 0.005	mg/L	
	<b>Magnesium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	111	mg/L	
	<b>Manganese</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	X 19.9	mg/L	
	<b>Nickel</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	X 0.00977	mg/L	
	<b>Potassium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	39.2	mg/L	
	<b>Sodium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	B 60.3	mg/L	
	<b>Uranium</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	0.0019	mg/L	
<b>Dissolved Metals</b>					
	<b>Arsenic, Dissolved</b>				<b>Semi-Annual</b>
Sample	MW301KG1-06	10/25/2005	U 0.001	mg/L	

## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW301	Collected	Results	Units	Frequency	Semi-Annual
	<b>Barium, Dissolved</b>					
	Sample MW301KG1-06	10/25/2005	0.02	mg/L		
	<b>Beryllium, Dissolved</b>					
	Sample MW301KG1-06	10/25/2005	U 0.001	mg/L		
	<b>Cadmium, Dissolved</b>					
	Sample MW301KG1-06	10/25/2005	U 0.001	mg/L		
	<b>Lead, Dissolved</b>					
	Sample MW301KG1-06	10/25/2005	U 0.005	mg/L		
	<b>Uranium, Dissolved</b>					
	Sample MW301KG1-06	10/25/2005	0.00203	mg/L		
<b>Other</b>						
	<b>Chloride</b>					
	Sample MW301KG1-06	10/25/2005	48	mg/L		
	<b>Nitrate as Nitrogen</b>					
	Sample MW301KG1-06	10/25/2005	U 1	mg/L		
	<b>Sulfate</b>					
	Sample MW301KG1-06	10/25/2005	2400	mg/L		



## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW302	Collected	Results	Units	Frequency	Semi-Annual
<b>Field Parameters</b>						
	<b>Alkalinity</b>					
	Sample MW302KG1-06	10/25/2005	70	mg/L		
	<b>Barometric Pressure Reading</b>					
	Sample MW302KG1-06	10/25/2005	29.2	Inches/Hg		
	<b>Depth to Water</b>					
	Sample MW302KG1-06	10/25/2005	10.92	ft		
	<b>Dissolved Oxygen</b>					
	Sample MW302KG1-06	10/25/2005	3.42	mg/L		
	<b>Iron (2+)</b>					
	Sample MW302KG1-06	10/25/2005	3	mg/L		
	<b>pH</b>					
	Sample MW302KG1-06	10/25/2005	6.13	Std Unit		
	<b>Redox</b>					
	Sample MW302KG1-06	10/25/2005	189	mV		
	<b>Specific conductance</b>					
	Sample MW302KG1-06	10/25/2005	719	umho/cm		
	<b>Temperature</b>					
	Sample MW302KG1-06	10/25/2005	58.8	deg F		
	<b>Turbidity</b>					
	Sample MW302KG1-06	10/25/2005	2.7	NTU		
<b>Volatiles</b>						
	<b>1,1,1-Trichloroethane</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>1,1,2-Trichloroethane</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>1,1-Dichloroethane</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>1,1-Dichloroethene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>1,2-Dichloroethane</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		

## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW302	Collected	Results	Units	Frequency	Semi-Annual
	<b>Benzene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Bromodichloromethane</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Carbon Tetrachloride</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Chloroform</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>cis-1,2-Dichloroethene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Ethylbenzene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Tetrachloroethene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Toluene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Total Xylene</b>					
	Sample MW302KG1-06	10/25/2005	U 15	ug/L		
	<b>trans-1,2-Dichloroethene</b>					
	Sample MW302KG1-06	10/25/2005	U 5	ug/L		
	<b>Trichloroethene</b>					
	Sample MW302KG1-06	10/25/2005	U 1	ug/L		
	<b>Vinyl Chloride</b>					
	Sample MW302KG1-06	10/25/2005	U 2	ug/L		
<b>Radionuclides</b>						
	<b>Gross Alpha</b>					
	Sample MW302KG1-06	10/25/2005	U -1.17	pCi/L		
	<b>Gross Beta</b>					
	Sample MW302KG1-06	10/25/2005	U 0.46	pCi/L		
	<b>Technetium-99</b>					
	Sample MW302KG1-06	10/25/2005	U 9.83	pCi/L		

**C-746-K Landfill Monitoring Semiannual Report**  
**July - December 2005**

<b>STATION</b>	<b>MW302</b>	<b>Collected</b>	<b>Results</b>	<b>Units</b>	
<b>Metals</b>					
	<b>Aluminum</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	BU 0.2	mg/L	
	<b>Arsenic</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.01	mg/L	
	<b>Barium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	0.0759	mg/L	
	<b>Beryllium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Cadmium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Calcium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	44.9	mg/L	
	<b>Iron</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.1	mg/L	
	<b>Lead</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.005	mg/L	
	<b>Magnesium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	25.8	mg/L	
	<b>Manganese</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	X 1.35	mg/L	
	<b>Nickel</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	UX 0.05	mg/L	
	<b>Potassium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	0.368	mg/L	
	<b>Sodium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	B 82	mg/L	
	<b>Uranium</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
<b>Dissolved Metals</b>					
	<b>Arsenic, Dissolved</b>				<b>Frequency Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	

## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW302	Collected	Results	Units	Frequency
	<b>Barium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	0.0699	mg/L	
	<b>Beryllium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Cadmium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
	<b>Lead, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.005	mg/L	
	<b>Uranium, Dissolved</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 0.001	mg/L	
<b>Other</b>					
	<b>Chloride</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	11	mg/L	
	<b>Nitrate as Nitrogen</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	U 1	mg/L	
	<b>Sulfate</b>				<b>Semi-Annual</b>
	Sample MW302KG1-06	10/25/2005	130	mg/L	

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July - December 2005

STATION	MW344	Collected	Results	Units	Frequency
<b>Field Parameters</b>					
	<b>Alkalinity</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	70	mg/L	
	<b>Barometric Pressure Reading</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	29.2	Inches/Hg	
	<b>Depth to Water</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	24.66	ft	
	<b>Dissolved Oxygen</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	0.97	mg/L	
	<b>Iron (2+)</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	0.1	mg/L	
	<b>pH</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	6.19	Std Unit	
	<b>Redox</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	106	mV	
	<b>Specific conductance</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	643	umho/cm	
	<b>Temperature</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	60.2	deg F	
	<b>Turbidity</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	77.4	NTU	
<b>Volatiles</b>					
	<b>1,1,1-Trichloroethane</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	U 5	ug/L	
	<b>1,1,2-Trichloroethane</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	U 5	ug/L	
	<b>1,1-Dichloroethane</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	U 5	ug/L	
	<b>1,1-Dichloroethene</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	U 5	ug/L	
	<b>1,2-Dichloroethane</b>				<b>Semi-Annual</b>
Sample	MW344KG1-06	10/25/2005	U 5	ug/L	

## C-746-K Landfill Monitoring Semiannual Report

July - December 2005

STATION	MW344	Collected	Results	Units	Frequency	Semi-Annual
	<b>Benzene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Bromodichloromethane</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Carbon Tetrachloride</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Chloroform</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>cis-1,2-Dichloroethene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Ethylbenzene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Tetrachloroethene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Toluene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Total Xylene</b>					
	Sample MW344KG1-06	10/25/2005	U 15	ug/L		
	<b>trans-1,2-Dichloroethene</b>					
	Sample MW344KG1-06	10/25/2005	U 5	ug/L		
	<b>Trichloroethene</b>					
	Sample MW344KG1-06	10/25/2005	U 1	ug/L		
	<b>Vinyl Chloride</b>					
	Sample MW344KG1-06	10/25/2005	U 2	ug/L		
<b>Radionuclides</b>						
	<b>Gross Alpha</b>					
	Sample MW344KG1-06	10/25/2005	U 2.1	pCi/L		
	<b>Gross Beta</b>					
	Sample MW344KG1-06	10/25/2005	U 5.13	pCi/L		
	<b>Technetium-99</b>					
	Sample MW344KG1-06	10/25/2005	U 8.07	pCi/L		

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July - December 2005

STATION	MW344	Collected	Results	Units	Frequency
<b>Metals</b>					<b>Semi-Annual</b>
<b>Aluminum</b>					
Sample	MW344KG1-06	10/25/2005	B 1.49	mg/L	
<b>Arsenic</b>					
Sample	MW344KG1-06	10/25/2005	0.00453	mg/L	
<b>Barium</b>					
Sample	MW344KG1-06	10/25/2005	0.0807	mg/L	
<b>Beryllium</b>					
Sample	MW344KG1-06	10/25/2005	U 0.001	mg/L	
<b>Cadmium</b>					
Sample	MW344KG1-06	10/25/2005	U 0.001	mg/L	
<b>Calcium</b>					
Sample	MW344KG1-06	10/25/2005	67.9	mg/L	
<b>Iron</b>					
Sample	MW344KG1-06	10/25/2005	5.25	mg/L	
<b>Lead</b>					
Sample	MW344KG1-06	10/25/2005	U 0.005	mg/L	
<b>Magnesium</b>					
Sample	MW344KG1-06	10/25/2005	21.9	mg/L	
<b>Manganese</b>					
Sample	MW344KG1-06	10/25/2005	X 0.714	mg/L	
<b>Nickel</b>					
Sample	MW344KG1-06	10/25/2005	X 0.00641	mg/L	
<b>Potassium</b>					
Sample	MW344KG1-06	10/25/2005	1.49	mg/L	
<b>Sodium</b>					
Sample	MW344KG1-06	10/25/2005	B 32.3	mg/L	
<b>Uranium</b>					
Sample	MW344KG1-06	10/25/2005	U 0.001	mg/L	
<b>Dissolved Metals</b>					
<b>Arsenic, Dissolved</b>					
Sample	MW344KG1-06	10/25/2005	0.00364	mg/L	

**C-746-K Landfill Monitoring Semiannual Report**  
**July - December 2005**

<b>STATION</b>	<b>MW344</b>	<b>Collected</b>	<b>Results</b>	<b>Units</b>	<b>Frequency</b>	<b>Semi-Annual</b>
	<b>Barium, Dissolved</b>					
	Sample MW344KG1-06	10/25/2005	0.0637	mg/L		
	<b>Beryllium, Dissolved</b>					
	Sample MW344KG1-06	10/25/2005	U 0.001	mg/L		
	<b>Cadmium, Dissolved</b>					
	Sample MW344KG1-06	10/25/2005	U 0.001	mg/L		
	<b>Lead, Dissolved</b>					
	Sample MW344KG1-06	10/25/2005	U 0.005	mg/L		
	<b>Uranium, Dissolved</b>					
	Sample MW344KG1-06	10/25/2005	U 0.001	mg/L		
<b>Other</b>						
	<b>Chloride</b>					
	Sample MW344KG1-06	10/25/2005	22	mg/L		
	<b>Nitrate as Nitrogen</b>					
	Sample MW344KG1-06	10/25/2005	U 1	mg/L		
	<b>Sulfate</b>					
	Sample MW344KG1-06	10/25/2005	170	mg/L		



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**APPENDIX D**  
**ADMINISTRATIVE RECORD INDEX**

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**ADMINISTRATIVE RECORD AND POST-DECISION RECORDS FOR PERIOD 10/01/05 THROUGH 3/31/06**

Date on Document	Title	To Affiliation	Author Affiliation	Accession Number	Document Status
10/07/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04610-0014.PDF	ARFGWOU, ARFSWP
10/07/05	BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORK PLAN AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2179&D1)	DOE-PPPO, BJC-PAD	KDEP, USEPA-IV	I-05209-0006.PDF	ARFBGOU
10/12/05	CULTURAL RESOURCE SURVEY AND NATIONAL REGISTER ASSESSMENT FOR THE C-402 LIME HOUSE, C-405 INCINERATOR, AND THE C-746-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	DOE-PPPO	BJC-PAD	I-05112-0048.PDF	ARF55
10/12/05	PROPOSED MILESTONE MODIFICATIONS FOR THE SURFACE WATER (ON-SITE) OPERABLE UNIT, PADUCAH, MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04807-0040.PDF	ARFSWOUOSD
10/14/05	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT C-400 INTERIM REMEDIAL ACTION	KDEP, USEPA-IV	DOE-PPPO	I-04615-0002.PDF	6-PHASE-PD
10/14/05	FEDERAL FACILITY AGREEMENT PROJECT MANAGER'S MEETING SEPTEMBER 15, 2005	KDEP, USEPA-IV	DOE-PPPO	I-02001-0403.PDF	ARFREF
10/15/05	REMEDIAL DESIGN 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/OR/07-2214&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-04614-0010.PDF	6PHASE-PD
10/18/05	MILESTONE MODIFICATIONS FOR THE SURFACE WATER (ON-SITE) OPERABLE UNIT	DOE-PPPO, BJC-PAD	USEPA-IV	I-04807-0039.PDF	ARFSWOUOSD
10/18/05	MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT C-400 INTERIM REMEDIAL ACTION	DOE-PPPO, BJC-PAD	USEPA-IV	I-04614-0028.PDF	6PHASE-PD
10/18/05	REMEDIAL ACTION COMPLETION REPORT FOR THE NORTH-SOUTH DIVERSION DITCH SECTIONS 1 AND 2 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, VOLUMES 1 AND 2, (DOE/OR/07-2195&D2)	DOE-PPPO, BJC-PAD	USEPA-IV	I-04816-0156.PDF	NSDD-PD
10/18/05	MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION	DOE-PPPO, BJC-PAD	USEPA-IV	I-04610-0031.PDF	ARFSWP
10/24/05	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT C-400 INTERIM REMEDIAL ACTION PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0030.PDF	6PHASE-PD
10/24/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2), PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04610-0032.PDF	ARFSWP

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10/26/05	FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGER'S MEETING CONDUCTED OCTOBER 20, 2005	DOE-PPPO	BJC-PAD	I-02001-0406.PDF	ARFC-410, ARFS&T, ARFREF, ARF55.ARFS, 6PHASE-PD, ARFBGOU
10/28/05	U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT FEDERAL FACILITY AGREEMENT SEMIANNUAL PROGRESS REPORT FOR FISCAL YEAR 2005, PADUCAH, KENTUCKY	DOE-PPPO	BJC-PAD, SAIC-PAD	I-02001-0407.PDF	ARFREF
10/28/05	U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT FEDERAL FACILITY AGREEMENT SEMIANNUAL PROGRESS REPORT FOR FISCAL YEAR 2005, PADUCAH, MCCRACKEN COUNTY, KENTUCKY (DOE/OR/07-2221/V2) PERMIT NUMBER KENTUCKY KY8-890-008-982	KDEP, KDEP, KDEP, USEPA-IV, KDEP	DOE-PPPO	I-02001-0410.PDF	ARFREF
10/28/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-746-A WEST END SMELTER, C-402 LIME HOUSE, AND THE C-405 INCINERATOR AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-05113-0022.PDF	ARF55
10/28/05	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212&D1)	BJC-PAD, DOE-PPPO	USEPA-IV	I-02823-0142.PDF	ARFS&T
10/28/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-402 LIME HOUSE, THE C-405 INCINERATOR, AND THE C-746-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D1), MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	USEPA-IV	I-05113-0033.PDF	ARFDDOU
10/30/05	REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2211&D1) MCCRACKEN COUNTY, KY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0008.PDF	6PHASE-PD
10/30/05	REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2211&D1), MCCRACKEN CO., KY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0012.PDF	6PHASE-PD
10/30/05	REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PGDP, PADUCAH, KENTUCKY (DOE/OR/07-2211&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-04614-0013.PDF	6PHASE-PD
11/01/05	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212/D1), MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-02823-0136.PDF	ARFS&T

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11/03/05	FEDERAL FACILITY AGREEMENT (FFA) BUDGET NOTIFICATION OF CONTINUING RESOLUTION	DOE-PPPO	BJC-PAD	I-02001-0412.PDF	ARFREF
11/04/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04610-0015.PDF	ARFSWP
11/04/05	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION	KDEP, USEPA-IV	DOE-PPPO	I-04612-0054.PDF	ARFSWP
11/07/05	OPERATIONS AND MAINTENANCE PLAN FOR THE NORTHWEST STORM WATER CONTROL FACILITY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2044&D1/R2)	DOE-PPPO	BJC-PAD, SAIC	I-01716-0177.PDF	24-PD
11/10/05	OPERATIONS AND MAINTENANCE PLAN FOR THE NORTHWEST STORM WATER CONTROL FACILITY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2044&D1/R2)	KDEP, USEPA-IV	DOE-PPPO	I-01716-0178.PDF	24-PD
11/11/05	TRANSMITTAL OF D1 FISCAL YEAR (FY) 2006 SITE MANAGEMENT PLAN (SMP)	DOE-PPPO	BJC-PAD	I-02001-0414.PDF	ARFREF, 6PHASE-PD
11/14/05	TRANSMITTAL OF D1 FISCAL YEAR 2006 SITE MANAGEMENT PLAN	KDEP, USEPA-IV	DOE-PPPO	I-02001-0413.PDF	ARFREF, 6PHASE-PD, ARFS&T, ARFSWP
11/16/05	FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING OCTOBER 20, 2005	KDEP, USEPA-IV	DOE-PPPO	I-02001-0416.PDF	ARFREF, ARFBGOU, ARFSWOU
11/22/05	FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGER'S MEETING CONDUCTED NOVEMBER 17, 2005	DOE-PPPO	BJC-PAD	I-02001-0423.PDF	ARFREF
11/22/05	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION, PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04610-0030.PDF	ARFSWP
11/25/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	DOE-PPPO, BJC-PAD	KDEP	I-04610-0018.PDF	ARFSWP
11/28/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-218&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04610-0017.PDF	ARFSWP
11/28/05	NOTIFICATION OF SCHEDULE EXTENSION FOR THE REMEDIAL DESIGN 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, KY (DOE/OR/04-2214&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04614-0014.PDF	6PHASE-PD
11/29/05	REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION 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/OR/07-2211&D2)	DOE-PPPO	BJC-PAD	I-04614-0018.PDF	6PHASE-PD

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11/30/05	REMEDIAL DESIGN 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/OR/07-2214&D2)	DOE-PPPO	BJC-PAD	I-04614-0015.PDF	6PHASE-PD
12/01/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-402 LIME HOUSE, C-405 INCINERATOR, AND C-746-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	DOE-PPPO	BJC-PAD	I-05113-0024.PDF	ARF55
12/01/05	LAND USE CONTROL IMPLEMENTATION PLAN FOR THE GROUNDWATER OPERABLE UNIT FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PGDP, PADUCAH, KY (DOE/OR/07-2151&D1)□,	DOE-PPPO	BJC-PAD	I-04614-0011.PDF	6PHASE-PD
12/01/05	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-02823-0151.PDF	ARFS&T
12/02/05	TRANSMITTAL OF THE REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE C-400 CLEANING BUILDING AT THE PGDP, PADUCAH, KY (DOE/OR/07-2211&D2 - SECONDARY DOCUMENT)	KDEP, USEPA-IV	DOE-PPPO	I-04614-0017.PDF	6-PHASE-PD
12/03/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-746-A WEST END SMELTER, C-402 LIME HOUSE, AND C-405 INCINERATOR AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D2)	KDEP, USEPA-IV	DOE-PPPO	I-05113-0025.PDF	ARF55
12/06/05	FEDERAL FACILITY AGREEMENT PROJECT MANAGER'S MEETING NOVEMBER 7, 2005	KDEP, USEPA-IV	DOE-PPPO	I-02001-0424.PDF	ARFREF
12/07/05	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07/2180&D2), PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04610-0035.PDF	ARFSWP
12/08/05	REMEDIAL ACTION COMPLETION REPORT FOR THE NORTH-SOUTH DIVERSION DITCH SECTIONS 1 & 2 AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2195&D2) PADUCAH, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04816-0153.PDF	NSDD-PD
12/08/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-402 LIME HOUSE, THE C-405 INCINERATOR, AND THE C-756-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D2), MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-05113-0037.PDF	ARF55
12/12/05	SITE MANAGEMENT PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY ANNUAL REVISION FY 2006 (DOE/OR/07-2280&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-02001-0427.PDF	ARFREF, 6-PHASE-PD, ARFSWP, ARFS&T

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12/12/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-746-A WEST END SMELTER, C-402 LIME HOUSE, AND THE C-405 INCINERATOR AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D2)	DOE-PPPO, DOE-PPPO, DOE-PPPO	BJC-PAD, BJC-PAD	I-05113-0026.PDF	ARF55
12/12/05	COMMENTS TO THE OPERATION AND MAINTENANCE PLAN FOR THE NORTHWEST STORM WATER CONTROL FACILITY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, MCCracken COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-01716-0187.PDF	24-PD
12/17/05	WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	KDEP, USEPA-IV	DOE-PPPO	I-05209-0003	ARFBGOU
12/17/05	WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	KDEP, USEPA-IV	DOE-PPPO	I-05209-0003a.PDF	ARFBGOU
12/17/05	WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	KDEP, USEPA-IV	DOE-PPPO	I-05209-0003b.PDF	ARFBGOU
12/17/05	WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	KDEP, USEPA-IV	DOE-PPPO	I-05209-0003c.PDF	ARFBGOU
12/20/05	SCHEDULE EXTENSION FOR THE REMEDIAL DESIGN 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/OR/07-2214&D2)	DOE-PPPO, BJC-PAD	USEPA-IV	I-04614-0022.PDF	6PHASE-PD
12/20/05	MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION	DOE-PPPO, BJC-PAD	USEPA-IV	I-04610-0020.PDF	ARFSWP
12/20/05	REQUEST FOR SCHEDULE EXTENSION FOR THE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	DOE-PPPO, BJC-PAD	USEPA-IV	I-04610-0021.PDF	ARFSWP
12/20/05	ACTION MEMORANDUM FOR THE REMOVAL OF THE C-746-A WEST END SMELTER, C-402 LIME HOUSE, AND THE C-405 INCINERATOR AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2237&D2)	DOE-PPPO, BJC-PAD	USEPA-IV	I-05113-0029.PDF	ARF55
12/21/05	REMOVAL ACTION WORK PLAN (RAWP) FOR THE C-402 LIME HOUSE INACTIVE FACILITY DECONTAMINATION AND DECOMMISSIONING PROJECT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/OR/07-2247&D1	DOE-PPPO	BJC-PAD	I-05116-0034.PDF	ARF55
12/28/05	REMEDIAL DESIGN 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/OR/07-2214&D2)	DOE-PPPO	BJC-PAD	I-04614-0024.PDF	6PHASE-PD

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12/29/05	TRANSMITTAL OF THE REMEDIAL DESIGN 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/OR/07-2214&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04614-0021.PDF	6PHASE-PD
01/03/06	FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGER'S MEETING CONDUCTED DECEMBER 14, 2005	DOE-PPPO	BJC-PAD	I-02001-0431.PDF	ARFREF
01/04/06	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION	KDEP, USEPA-IV	DOE-PPPO	I-04613-0080.PDF	ARFSWP
01/04/06	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04610-0022.PDF	ARFSWP
01/04/06	COMMUNITY RELATIONS PLAN FOR COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT ACTIVITIES AT THE U.S. DEPARTMENT OF ENERGY PADUCAH GASEOUS DIFFUSION PLANT, (DOE/OR/07-2099&D2,R3) AND COMMENT RESPONSE SUMMARY	DOE-PPPO	BJC-PAD	I-02001-0430.PDF	ARFREF
01/05/06	REMEDIAL DESIGN SUPPORT INVESTIGATION CHARACTERIZATION PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE VOLATILE ORGANIC COMPOUND CONTAMINATION AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KY (DOE/OR/07-2211&D2) MCCRACKEN COUNTY, KY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0025.PDF	6PHASE-PD
01/06/06	SUBMITTAL OF THE SURFACE WATER OPERABLE UNIT (SWOU) SITE INVESTIGATION (SI)/BASELINE RISK ASSESSMENT REPORT SCHEDULE	DOE-PPPO	BJC-PAD, BJC-PAD	I-04807-0037.PDF	ARFSWOUOSD
01/09/06	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2110&D2), PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04610-0029.PDF	ARFSWP
01/10/06	FEDERAL FACILITY AGREEMENT PROJECT MANAGER'S MEETING DECEMBER 14, 2005	KDEP, USEPA-IV	DOE-PPPO	I-02001-0435.PDF	ARFREF
01/11/06	NOTIFICATION OF INCORRECT LETTER DATES ON DEPARTMENT OF ENERGY PORTSMOUTH/PADUCAH PROJECT OFFICE LETTERS	KDEP, USEPA-IV	DOE-PPPO	I-04600-0260.PDF	ARFSWP
01/12/06	BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORK PLAN AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2179&D2)	DOE-PPPO, BJC-PAD	USEPA-IV	I-05209-0007.PDF	ARFBGOU
01/12/06	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION, PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04610-0033.PDF	ARFSWP

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Date on Document	Title	To Affiliation	Author Affiliation	Accession Number	Document Status
01/15/06	REQUEST TO EXTEND REVIEW PERIOD FOR THE SITE MANAGEMENT PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2280&D1), MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-02001-0440.PDF	ARFREF, ARFS&T, 6-PHASE-PD, ARFSWP
01/17/06	REQUEST TO EXTEND REVIEW PERIOD FOR WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2179&D2), MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-05209-0004.PDF	ARFBGOU, 22-2&3-PD
01/25/06	SCHEDULE EXTENSION FOR D1 REMOVAL ACTION WORK PLAN (RAWP) FOR THE C-402 LIME HOUSE	DOE-PPPO	BJC-PAD	I-05113-0034.PDF	ARFDDOU
01/26/06	FEDERAL FACILITY AGREEMENT (FFA) MANAGERS' MEETING CONDUCTED JANUARY 16, 2006	DOE-PPPO	BJC-PAD	I-02001-0436.PDF	ARFSWOU, ARF55, ARFSWP, ARFS&T, ARFBGOU, 24-PD, 6PHASE-PD, ARFREC
01/30/06	PROPOSED SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST GROUNDWATER PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	DOE-PPPO	BJC-PAD, BJC-PAD	I-04610-0025.PDF	ARFSWP
02/01/06	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04610-0026.PDF	ARFSWP
02/03/06	FEDERAL FACILITY AGREEMENT PROJECT MANAGER'S MEETING JANUARY 18, 2006	KDEP, USEPA-IV	DOE-PPPO	I-02001-0437.PDF	ARFREF
02/03/06	REMOVAL ACTION WORK PLAN FOR THE C-402 LIME HOUSE INACTIVE FACILITY DECONTAMINATION AND DECOMMISSIONING PROJECT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2247&D1)	KDEP, USEPA-IV	DOE-PPPO	I-05116-0035.PDF	ARF55
02/03/06	TRANSMITTAL OF THE REMOVAL ACTION WORK PLAN FOR THE C-402 LIME HOUSE INACTIVE FACILITY D&D PROJECT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY DOE/OR/07-2247&D1	DOE-PPPO	BJC-PAD	I-05116-0036.PDF	ARF55
02/06/06	REQUEST TO EXTEND COMMENT PERIOD FOR C-400 REMEDIAL DESIGN WORK PLAN (DOE/OR/07-2214&D2), PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0029.PDF	6PHASE-PD
02/09/06	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILL AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212&D2)	DOE-PPPO	BJC-PAD	I-02823-0153.PDF	ARFS&T
02/09/06	COMMENTS ON C-400 REMEDIAL DESIGN WORK PLAN (DOE/OR/07-2214&D2), PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-04614-0033.PDF	6PHASE-PD

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**ADMINISTRATIVE RECORD AND POST-DECISION RECORDS FOR PERIOD 10/01/05 THROUGH 3/31/06**

Date on Document	Title	To Affiliation	Author Affiliation	Accession Number	Document Status
02/10/06	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212&D2)	KDEP, USEPA-IV	DOE-PPPO	I-02823-0152.PDF	ARFS&T
02/10/06	SITE INVESTIGATION REPORT FOR THE C-746-S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2212&D2)	KDEP, USEPA-IV	DOE-PPPO	I-02823-0159.PDF	ARFS&T
02/15/06	SITE MANAGEMENT PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY ANNUAL REVISION FY 2006 (DOE/OR/07-2280&D1)	DOE-PPPO, BJC-PAD	USEPA-IV	I-02001-0442.PDF	ARFREF, 6PHASE-PD, ARFNSDD
02/20/06	REQUEST TO EXTEND COMMENT PERIOD FOR COMMUNITY RELATIONS PLANT DOE/OR/07-2099&D2/R3, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-02001-0444.PDF	ARFREF
02/21/06	REQUEST TO EXTEND REVIEW PERIOD FOR WORK PLAN FOR THE BURIAL GROUNDS OPERABLE UNIT REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2179&D2), MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, BJC-PAD	KDEP	I-05209-0010.PDF	ARFBGOU
02/24/06	SITE INVESTIGATION REPORT FOR THE S&T LANDFILLS AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2211&D2)	DOE-PPPO, BJC-PAD	KDEP	I-02823-0158.PDF	ARFS&T
03/02/06	TRANSMITTAL OF THE C-400 LAND USE CONTROL IMPLEMENTATION PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, (DOE/OR/07-2151&D1)	KDEP, USEPA-IV	DOE-PPPO	I-04614-0032.PDF	6PHASE-PD
03/02/06	ERRATA SHEET FOR REMEDIAL DESIGN 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/OR/07-2214&D2)	DOE-PPPO	BJC-PAD	I-04614-0035.PDF	6PHASE-PD
03/02/06	PROPOSED MILESTONE MODIFICATIONS FOR THE GROUNDWATER OPERABLE UNIT SOUTHWEST PLUME INTERIM REMEDIAL ACTION	DOE-PPPO	BJC-PAD	I-04610-0037.PDF	ARFSWP
03/03/06	REMOVAL ACTION WORK PLAN FOR THE C-402 LIME HOUSE INACTIVE FACILITY D&D PROJECT AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2247&D1)	DOE-PPPO, BJC-PAD, PRS	KDEP	I-05116-0039.PDF	ARF55
03/07/06	FEDERAL FACILITIES AGREEMENT (FFA) PROJECT MANAGERS' MEETING CONDUCTED FEBRUARY 16, 2006	DOE-PPPO	BJC-PAD	I-02001-0446.PDF UC	ARFREF
03/08/06	REQUEST FOR SCHEDULE EXTENSION FOR THE SITE INVESTIGATION REPORT FOR THE SOUTHWEST PLUME AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2180&D2), PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY KY8-890-008-982	DOE-PPPO, PRS-PAD, BJC-PAD	KDEP	I-04610-0036.PDF	ARFSWP

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**ADMINISTRATIVE RECORD AND POST-DECISION RECORDS FOR PERIOD 10/01/05 THROUGH 3/31/06**

Date on Document	Title	To Affiliation	Author Affiliation	Accession Number	Document Status
03/08/06	SECOND REVISED CULTURAL RESOURCE SURVEY AND NATIONAL REGISTER ASSESSMENT FOR THE C-403 LIME HOUSE, C-405 INCINERATOR, AND THE C-746-A WEST END SMELTER AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY	DOE-PPPO	BJC-PAD	I-05116-0040.PDF UC	ARF55
03/09/06	TRANSMITTAL OF ERRATA SHEET FOR THE REMEDIAL DESIGN 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/OR/07-2214&D2)	KDEP, USEPA-IV	DOE-PPPO	I-04614-0034.PDF	6PHASE-PD
03/10/06	FEDERAL FACILITY AGREEMENT PROJECT MANAGER'S MEETING FEBRUARY 16, 2006	KDEP, USEPA-IV	DOE-PPPO	I-02001-0445.PDF	ARFREF
03/14/06	REQUEST TO EXTEND REVIEW PERIOD FOR SITE MANAGEMENT PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY (DOE/OR/07-2280&D1), PADUCAH, MCCRACKEN COUNTY, KENTUCKY, KY8-890-008-982	DOE-PPPO, USEPA-IV	KDEP	I-02001-0443.PDF	ARFREF, ARFNSDD, 6PHASE-PD
03/14/06	TECHNICAL MEMORANDUM PREPARED FOR STEP 3 STORM-SEWER SAMPLING - SAMPLING AND ANALYSIS PLAN FOR THE SITE INVESTIGATION AND RISK ASSESSMENT OF THE SURFACE WATER OPERABLE UNIT (ON-SITE), DOE/OR/07-2137&D2/R2, PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY	DOE-PPPO, PRS, BJC-PAD	KDEP	I-04807-0043.PDF	ARFSWOUOSD
03/20/06	APPROVAL FOR C-402 LIME HOUSE INACTIVE FACILITY D&D, TASKS 1 THROUGH 3	BJC-PAD	BJC-PAD	I-05106-0008.PDF	ARF55

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**APPENDIX E**  
**PADUCAH REMEDIAL ACTION PROGRAM**  
**REGULATORY COMMITMENT TRACKING REPORT**

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**DOE REGULATORY COMMITMENTS (FY, FY+1, FY+2):  
PRIMARY/SECONDARY DOCUMENTS BY DUE DATE**

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Remedial Action Program  
Primary/Secondary Documents by Due Date

04/12/06

Description	Responsible	Due Date
P GWOU SW Plume D2 Site Investigation/ Risk Assessment Report	Murphie, W. \ Fleming, Lance	04/18/06
S FFA Semiannual Progress Report	Murphie, W. \ Morgan, John	04/30/06
P GWOU SW Plume D1 Proposed Plan	Murphie, W. \ Fleming, Lance	06/16/06
P GWOU ROD 2 (C-400) D1 RA WP	Murphie, W. \ Fleming, Lance	07/15/06
P GWOU ROD 2 (C-400) D1 RD Report	Murphie, W. \ Fleming, Lance	08/04/06
P SWOU Phase I Assessment D1 Site Investigation/Risk Assessment Report	Murphie, W. \ Fleming, Lance	08/16/06
P SWOU Phase I Assessment Removal Notification	Murphie, W. \ Fleming, Lance	10/12/06
S FFA Semiannual Progress Report	Murphie, W. \ Morgan, John	10/30/06
P Paducah SMP-FY 2007 Annual Revision with annual certification of LUCIPs	Murphie, W. \ Morgan, John	11/15/06
P D1 ROD SW Plume	Murphie, W. \ Fleming, Lance	12/20/06
* S FFA Semiannual Progress Report	Murphie, W. \ Morgan, John	04/30/07
P SWOU Onsite D1 Action Memorandum	Murphie, W. \ Fleming, Lance	08/01/07
* S FFA Semiannual Progress Report	Murphie, W. \ Morgan, John	10/30/07
P Paducah SMP-FY 2008 Annual Revision with annual certification of LUCIPs	Murphie, W. \ Morgan, John	11/15/07
P SWOU Onsite D1 Removal Action Work Plan	Murphie, W. \ Fleming, Lance	11/29/07

NOTE: Negotiations concerning some of the deliverables, including schedules, still are ongoing.

P - Primary documents S - Secondary documents

# - See following section for

*Commitments added since last report are designated with an*

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System  
(MACS2)**

Remedial Action Program  
Primary/Secondary Documents by Due Date

04/12/06

Description	Responsible	Due Date
P SWOU Scrap Yards Final Remedial Action Report D1	Murphie, W. \ Jones, Craig S	12/31/07
* S FFA Semiannual Progress Report	Murphie, W. \ Morgan, John	04/30/08
S Five Year Review of the Remedial Actions	Murphie, W. \ Ulrich, Donald M	07/18/08

NOTE: Negotiations concerning some of the deliverables, including schedules, still are ongoing.

P - Primary documents S - Secondary documents

# - See following section for

*Commitments added since last report are designated with an*

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System  
(MACS2)**

**DOE REGULATORY COMMITMENTS (FY, FY+1, FY+2):  
PRIMARY/SECONDARY DOCUMENTS PAST DUE**

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Remedial Action Program  
Primary/Secondary Documents Past Due

Description	Due Date	Comments
<i>No primary/secondary documents past due as of 3/31/06.</i>		

P - Primary documents S - Secondary  
*Commitments added since last report are designated with an*

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System  
(MACS2)**

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**DOE REGULATORY COMMITMENTS (FY, FY+1, FY+2):  
PRIMARY/SECONDARY DOCUMENTS WITH UNKNOWN SUBMITTAL  
DATE – MODIFICATIONS OR DISPUTES IN PROCESS**

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**Remedial Action Program  
Primary/Secondary Documents with Unknown Submittal Date  
Modifications or Disputes in Process**

<b>Description</b>	<b>Responsible</b>
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*No modifications or disputes in process as of 3/31/06.*

P - Primary documents S - Secondary  
*Commitments added since last report are designated with an*

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System  
(MACS2)**

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**EPA/COMMONWEALTH OF KENTUCKY COMMITMENTS**

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## EPA/KY Review Status

04/12/06

Description	Document	Comment	Response Received	Status
P Paducah SMP--FY 2006 Annual Revision with annual certification of LUCIPs	11/14/05	KY	04/15/06	OPEN
		EPA	04/17/06	OPEN
S D2 Five-Year Review of the Remedial Actions	10/07/03	EPA		CLSD
		KY	12/07/03	OPEN
P D2 BGOU RI/FS Workplan	12/19/05	KY	04/21/06	OPEN
		EPA	04/24/06	OPEN
P Revised Community Relations Plan D3	01/18/06	EPA	02/18/06	03/06/06
		KY	04/30/06	CLSD
S C-400 LUCIP	03/02/06	EPA	05/31/06	OPEN
		KY	05/31/06	OPEN
S O&M Plan for the Northwest Sediment Control Basin for Scrapyards	03/15/06	EPA		OPEN
		KY		OPEN

P - Primary documents S - Secondary

PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)



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## **HISTORICAL STATUS OF COMMITMENTS BY PROJECT**

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**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**BURIAL GROUND**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
BGOU D1 WAG 3 RI Report (DOE/OR/07-1895&D1)	09/30/00	09/26/00	CRS submitted to regulators 05/10/01. A D2 document will not be submitted.	CLSD
			EPA 01/08/01 CLSD KY 03/12/01 CLSD	
BGOU D1 Five-Year Review (DOE/OR/07-1822&D1)	08/22/00	08/18/00		CLSD
			EPA 09/27/00 CLSD KY 03/14/01 CLSD	
BGOU D1 RI/FS WP	06/30/05	06/28/05	On 9/30/05, KY requested a 15 day extension for review of the document.	CLSD
			EPA 10/18/05 CLSD KY 10/11/05 CLSD	

**C-400 Action**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 GWOU Six-Phase Heating TSWP (DOE/OR/07-1889&D1)	09/05/00	08/30/00	Document approved. No D2 required.	CLSD
			EPA 12/06/00 CLSD KY 11/16/00 CLSD	
60% Design Drawings and Technical Specifications Pkg for the Six-Phase Heating TS (DOE/OR/07-1921&D1)	02/22/01	02/22/01		CLSD
			EPA 04/02/01 CLSD KY 03/23/01 CLSD	
CQCP for the Six-Phase Heating TS (DOE/OR/07-1944&D1)	02/22/01	02/22/01		CLSD
			EPA 04/02/01 CLSD KY 03/23/01 CLSD	

**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**C-400 Action**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Certified for Construction Design Drawings and Technical Specifications Pkg for the Six-Phase Heating TS (DOE/OR/07-1921&D2)		04/09/02	EPA and KY conditionally approves the construction drawings. EPA comments are to be incorporated into the next document submittal. KDAQ comments need to be addressed before the fieldwork starts.  Letter submitted 9/03/02, addressing KDAQ air permit requirements.  EPA      05/02/02 CLSD KY        05/02/02 CLSD KY        05/22/02 CLSD	CLSD
GWOU ROD 2 (C-400) D1 ROD	08/16/04	08/16/04	DOE submitted an extension request on 8/2/04, due to date the public comment period ended. KY approved extension request. EPA granted extension request.  KY requested an extension to review the document an additional 15 days. KY submitted another extension request for 15 days. Received comments 10/21/04 from KY.  EPA comments received on 10/4/04 by letter dated 9/30/04. EPA      10/04/04 CLSD KY        10/21/04 CLSD	CLSD

Environmental Restoration Program  
Historical Status of Commitments by Project

04/12/06

**C-400 Action**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 2 (C-400) D1 RD WP	08/11/05	08/10/05	DOE submitted a modification to extend due date 43 days from 1/30/05 to 3/14/05 based on public comment and review extensions. EPA approved the mod on 12/10/04. KY approved the mod on 12/7/04.	CLSD
			DOE submitted a modification request on 3/22/05 for 75 days from 3/14/05 to 5/28/05 based on KY review extensions of the D2 ROD. Mod approved.	
			DOE submitted a mod request for this item on 5/27/05 to 8/11/05. EPA and KY approved mod. Modification still needed to incorporated delays due to ROD reviews and revisions.	
			KY requested an additional 15 days to review the workplan.	
			EPA 11/14/05 CLSD KY 10/07/05 CLSD	
GWOU ROD 2 (C-400) D1 Proposed Plan	01/30/04	01/30/04		CLSD
			EPA 03/08/04 CLSD KY 03/08/04 CLSD	
D2 PRAP for C-400 Source Action	04/07/04	04/07/04	KY approved the D2 PRAP but had some comments and questions that require answering. EPA approved the D2 with no additional	CLSD
			EPA 05/20/04 CLSD KY 05/17/04 CLSD	
Final Report 6-Phase Heating Treatability Study	12/19/03	12/19/03		CLSD
			EPA 03/08/04 CLSD KY 02/02/04 CLSD	
D2 Final Report 6-Phase Heating Treatability Study	04/22/04	03/31/04		CLSD
			EPA 05/24/04 CLSD KY 04/28/04 CLSD	

PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)

**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**C-400 Action**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 2 (C-400) D2 ROD	12/22/04	12/02/04	<p>Note: 11/20/04 is a Sat. Due date changed to reflect the following Monday. DOE took the FFA allowed extension of 30 days by letter dated 11/19/04. Date revised to 12/22/04. KY submitted a review extension letter for comments to be received by 2/4/05. KY submitted another review extension letter until 2/19/05. KY requested an additional review until 3/7/05. KY requested additional review time until 3/22/05.</p> <p>EPA approved the D2 on March 15, 2005. KY requested another extension request until 4/6/05. Another extension has been requested for 15 days by KY at DOE's behest.</p> <p>DOE submitted a D3 redline ROD on 4/20/05. KY requested a 15 day extension to 5/6/05 to review the D3 version. An additional 30 day extension was requested by KY on 5/9/05 to work out final document changes. Comments on the D3 received on 6/16/05 from KY.</p> <p>DOE submitted an official D2R1 on July 12, 2005 for review and approval. DOE submitted a D2/R2 on 8/4/05.</p> <p>DOE and EPA signed the D2R2 ROD on 8/9/05. KY provided concurrence on 8/9/05. DOE submitted the signed ROD to EPA and KY on 8/10/05.</p>	CLSD
			<p>EPA            03/21/05 CLSD KY             06/16/05 CLSD</p>	

**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**C-400 Action**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 2 (C-400) D2 RD WP	12/29/05	12/29/05	DOE requested an additional 30 days to incorporate comments. Date revised from 11/29/05 to 12/29/05.  KY requested a 15 day extension to review the document.  KY provided one comment, which will be addressed by an errata sheet. The issue will be closed with the submittal of the errata sheet.  Errata sheet issued on 3/9/06 EPA CLSD KY 02/15/06 CLSD	CLSD
D1 Remedial Design Support Investigation Characterization Plan C-400	09/22/05	09/22/05	Not an enforceable document with an agreed date. Document necessary in order to help design the treatment system.  EPA 11/03/06 CLSD KY 11/02/05 CLSD	CLSD
D2 Remedial Design Support Investigation Characterization Plan C-400	12/02/05	12/02/05	EPA granted approval on the  KY 01/09/06 CLSD	CLSD

**C-720 ACTION**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 1 D1 Proposed Plan for C-720 (DOE/OR/07-1910&D1)	05/17/01	05/17/01	Document was to be resubmitted when D2 GWOU FS was approved. See GWOU for D2 PP, other documents, and  EPA 06/22/01 CLSD KY 06/19/01 CLSD	CLSD



**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**C-720 ACTION**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 1 D1 ROD for C-720	11/21/01	01/17/02	D2 is required. DOE submitted an extension request per the informal dispute resolution meeting on 04/23/02. On 05/01/02, KY requested that revised modification forms be submitted.  DOE has not yet submitted the revised modification forms. Status is considered open until the new modification forms are submitted and approved.  See GWOU for D2 PP, other documents, and history.	CLSD
			EPA 02/15/02 KY 02/25/02	CLSD CLSD

**C-745-G AND -T CYLINDER YARD CONSTRUCTION**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Time-Critical Removal Notification for Petroleum-Contaminated Soil at SWMU 193 (DOE/OR/07-1999&D1)	11/20/01	12/20/01		CLSD
			EPA 12/27/01 KY 12/28/01	CLSD CLSD
Time-Critical Removal Notification for Petroleum-Contaminated Soil at SWMU 193 (DOE/OR/07-1999&D2)	02/19/02	02/19/02	KEDP's 03/11/02 response was conditional approval; DOE responded 03/18/02; KDEP sent final approval 03/20/02.	CLSD
			EPA 03/12/02 KY 03/11/02	CLSD CLSD

**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**CERCLA WASTE DISPOSAL**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	<b>CLSD</b>
D1 C-746-U Landfill Risk Evaluation/Performance Evaluation	08/23/02	08/15/02	Submittal deferred pending resolution of negotiations with regulators on accelerated cleanup strategy.	CLSD
			D0 was submitted to DOE in December 2001.	
			D1 was provided to DOE on 02/26/02. The document was not submitted to the regulators. A revised D0 was due to DOE on 06/07/02.	
			EPA submitted comments on the document. EPA wants these comments resolved through the Core Team so the landfill can be approved for CERCLA-derived, nonhazardous waste disposal. KY provided comments.	
			EPA 10/21/02 CLSD	
			KY 10/24/02 CLSD	

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**CERCLA WASTE DISPOSAL**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	<b>CLSD</b>
Seismic Investigation Report (DOE/OR/07-2038&D1)	08/09/02	07/31/02	<p>KY requested a 30-day extension to the 90 days for comments on the D1; therefore, comments are due on 12/07/02. On 12/06/02, KY asked for an additional extension for comments and requested that DOE submit a data package for an independent review. The independent review comments will be incorporated with theirs. KY will provide the comments two weeks after receipt of the data package. DOE submitted S-wave data to EPA and KY on 01/09/03.</p> <p>EPA provided comments on 12/18/02. DOE received comments via email from KY Radiation and Environmental Laboratory Division on 12/18/02. DOE received draft comments from KY via email on 02/25/03, and official comments dated 02/27/03.</p> <p>EPA      12/30/02 CLSD            KY        12/16/02 CLSD            KY        03/03/03 CLSD</p>	CLSD

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**CERCLA WASTE DISPOSAL**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
C-746-U Landfill Risk Evaluation/Performance Evaluation	01/21/03	01/17/03	<p>Comments received on D1. D2 resolving comments to be prepared.</p> <p>On 12/20/02, DOE requested an extension for submittal of this document until 1/10/03.</p> <p>On 1/9/03, DOE requested an additional extension due to the nature of some of the comments until 1/21/03.</p> <p>KY approved extension request until 1/21/03.</p> <p>DOE submitted document on 1/17/03. Additional information (Attachment 2) was submitted on 2/11/02.</p> <p>KY submitted comments on the D2 (received 3/26/03) and requested a revision to this document regarding the PRGs. EPA submitted additional comments received on 4/14/03. These are to be addressed before approval is granted.</p> <p>EPA 04/14/03 CLSD KY 03/26/03 CLSD</p>	CLSD

**D&D OPERABLE UNIT**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D&D OU D1 EE/CA C-410	05/15/01	05/14/01	<p>EPA 06/11/01 CLSD EPA 08/13/01 CLSD KY 06/08/01 CLSD KY 08/08/01 CLSD</p>	CLSD

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**D&D OPERABLE UNIT**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D&D OU C-410 D1 AM (DOE/OR/07-2002&D1)	10/31/01	05/31/02	Dispute resolution process was complete.  Date is past due. DOE submitted the D1 revision on 5/31/02.  This deliverable is on "HOLD" pending DOE's overall program review.	CLSD
D&D OU C-410 D1 RAWP	10/31/01	07/08/02	Dispute resolution process was complete. Date is past due.  A D2 is required based on comments received from the regulators  DOE submitted RAWP on 7/8/02. Awaiting regulatory review and comments.  This deliverable is on "HOLD" pending DOE's overall program review.	CLSD
D&D OU C-410 AM Signature	06/04/02	08/03/02	DOE submitted a modification request on 5/30/02. KY denies this modification, stating there was not "good cause."  EPA stated in their letter of 6/20/02, that since the SMP is in dispute, the extension requests for this project also are in dispute.  DOE signed the AM on 8/3/02.	CLSD
			EPA 07/08/02 CLSD KY 07/10/02 CLSD	
			EPA 08/14/02 CLSD KY 08/19/02 CLSD	
			EPA 07/08/02 CLSD KY 06/26/02 CLSD	

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**D&D OPERABLE UNIT**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D&D OU C-410 D1 Removal Notification and SE Report (DOE/OR/07-1983&D1)	07/27/01	07/26/01		CLSD
			EPA      08/13/01	CLSD
			KY        08/13/01	CLSD
D&D OU C-410 D2 EE/CA	10/07/01	10/04/01	DOE took the 30 day extension.	CLSD
			EPA & KY each granted	
			EPA      10/29/01	CLSD
			KY        11/08/01	CLSD

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**D&D OPERABLE UNIT**

Description	Due Date	Submitted	Comments	CLSD
D&D OU C-410 D2 RAWP	09/18/02	10/22/02	<p>Document submitted and waiting on comment and/or approval. KY conditionally approved document. DOE needs to revise document or provide errata sheets. Area requiring further discussion is the timeframe for completion of work. DOE requested the schedule requirement be part of the current dispute resolution process currently being negotiated.</p> <p>Errata sheets sent on 1/27/03.</p> <p>EPA states that the D2 document is deficient due to fact that a schedule was not included. EPA will grant approval of this document provided a schedule is provided within 30 days that goes through to the post-construction report. This action is open until the schedule requested is submitted and approved. See Action # AA01-420.</p> <p>Letter dated 3/19/03, from KY states, as agreed at the Lexington meeting, that the D2 RAWP is conditionally approved and the issue with the</p>	CLSD
			<p>EPA 12/30/02 CLSD KY 11/27/02 CLSD</p>	

**DRUM MOUNTAIN**

Description	Due Date	Submitted	Comments	CLSD
SWOU - Drum Mountain AM (DOE/OR/07-1863&D1)	03/17/00	03/01/00	D1 Approved	CLSD
			<p>EPA 03/14/00 CLSD KY 03/14/00 CLSD</p>	

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**DRUM MOUNTAIN**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU - Drum Mountain D1 RAWP (DOE/OR/07-1870&D1)	05/18/00	04/20/00		CLSD
			EPA 05/26/00 CLSD KY 05/17/00 CLSD	
SWOU - Drum Mountain EE/CA (DOE/OR/07-1848&D1)	11/08/99	11/05/99		CLSD
			EPA 12/20/99 CLSD KY 12/02/99 CLSD	
SWOU - Drum Mountain D2 RAWP (DOE/OR/07-1870&D2)	05/19/00	05/19/00		CLSD
			EPA 06/16/00 CLSD KY 06/08/00 CLSD	
SWOU - Drum Mountain D1 Removal Action Report (DOE/OR/07-1962&D1)	05/04/01	05/03/01	EPA approved. Still waiting approval from KY.	CLSD
			EPA 05/16/01 CLSD KY 05/11/05 CLSD	

**FFA 5-Year OU Reviews**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Five-Year ROD Review (SW Institutional Controls ICMs, Scrapyards Silt Fence ICMs, NSDD IRA ROD, WAGs 1&7 RA, and planned activities for SWOU) DOE/OR/07-1822&D1	08/17/99	08/17/99		CLSD
			EPA CLSD KY 07/17/00 CLSD	
D1 Five-Year Review of the Remedial Actions	07/18/03	07/17/03	DOE requested a 45 day review time frame instead of the 90-days. Comments are requested by 09/02/03.	CLSD
			Kentucky requested a revision to the document that addressed the water policy. In addition, they had specific questions to be answered via letter by DOE. EPA also provided comments to be addressed.	
			EPA 08/22/03 CLSD KY 08/14/03 CLSD	

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**



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**FFA Quarterly Report**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
ER Program Quarterly Report	07/31/96	07/25/96	EPA has never commented on a quarterly report; therefore, this item was closed.	CLSD
			EPA KY	OPEN 09/10/96 CLSD

**General Environmental Protection Program**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Revised Community Relations Plan	04/28/05	04/28/05	Not an enforceable date. Plan was revised due to being outdated.	CLSD
			EPA KY	07/06/05 CLSD 06/06/05 CLSD
Revised Community Relations Plan D2	10/04/05	10/04/05	DOE extended the response time by 30 days via correspondence dated 9/2/05.	CLSD
			EPA KY	12/19/06 CLSD 12/08/05 CLSD

**GROUNDWATER GENERAL**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Five-Year Review of Water Policy	08/31/98	08/28/98	Issues regarding this document are addressed in the GWOU Five-Year Review submitted	CLSD
			EPA KY	12/17/98 CLSD CLSD
D1 Groundwater Strategy Document	06/30/93	06/28/93	This document will be an appendix to the SMP.	CLSD
			EPA KY	04/18/94 CLSD 06/16/94 CLSD
D1 Water Policy EE/CA	05/19/93	05/17/93		CLSD
			EPA KY	06/24/94 CLSD 07/13/93 CLSD
D1 Action Memorandum--Water Policy	10/26/93	10/22/93		CLSD
			EPA KY	11/09/93 CLSD 04/28/94 CLSD

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**GROUNDWATER GENERAL**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 Groundwater Strategy Document	08/15/94	08/29/94	Per ROC dated 03/27/96, this document is no longer necessary as agreed by KY, EPA, and DOE. It is superseded by the current SMP and later, by the groundwater and surface water integrator unit documents.	CLSD
			KY 01/05/96	CLSD
D2 Water Policy EE/CA	07/29/93	07/29/93	EPA 08/13/93 KY 08/25/93	CLSD CLSD
D2 Action Memorandum - Water Policy	12/28/93	06/09/94	EPA 09/02/94 KY 09/25/95	CLSD CLSD
D1 Postconstruction Report for Water Policy Implementation	07/30/95	07/27/95	EPA 08/25/95 KY 08/25/95	CLSD CLSD

**GROUNDWATER NORTHEAST IRA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
O&M Plan for the NE Plume Groundwater System IRA (DOE/OR/07-1535&D3 Rev.2)	01/15/02	01/29/02	Semiannual progress report stated that revised O&M plan will be submitted by 1/15/02.	CLSD
			EPA 08/14/96 KY 07/31/96	CLSD CLSD
95% Design Package for construction of pipeline from extraction wells to security fence - Northeast Plume	07/26/96	07/22/96	This is in place of the CFC that was due on 07/02/96, that was changed due to changes in	CLSD
			EPA 08/14/96 KY 07/31/96	CLSD CLSD
Northeast Plume IRA 1 Postconstruction Report	01/30/97	02/07/97	Proposed 1997 deliverable	CLSD
			EPA 11/18/97 KY 11/18/97	CLSD CLSD
Northeast Plume IRA 1 O&M Plan	12/25/96	11/06/96	EPA 12/23/96 KY 12/09/96	CLSD CLSD

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**GROUNDWATER NORTHEAST IRA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 O&M Plan--Northeast Plume Containment System	04/01/97	03/28/97		CLSD
			KY 05/06/97	CLSD
D3 O&M Plan--NE Plume IRA	01/23/98	01/21/98		CLSD
			EPA 02/12/98	CLSD
			KY 02/12/98	CLSD
NE Plume O&M Plan for IRA (DOE/OR/07-1535&D3, Rev 1)	01/04/99	01/04/99		CLSD
			EPA 06/07/99	CLSD
			KY 06/07/99	CLSD
D1 Field Sampling Plan--Northeast Plume	01/13/94	01/12/94		CLSD
			EPA 03/07/94	CLSD
			KY 02/18/94	CLSD
D1 Preliminary Characterization Summary Report--Northeast Plume	02/07/95	02/06/95		CLSD
			EPA 05/01/95	CLSD
			KY 05/04/95	CLSD
D1 ICM Work Plan--Northeast Plume	10/05/93	10/04/93		CLSD
			EPA 11/05/93	CLSD
			KY 12/27/93	CLSD
D2 ICM Work Plan - Northeast Plume	01/15/94	01/24/94	Approved 3/7/94	CLSD
			EPA 03/07/94	CLSD
			KY 02/18/94	CLSD
D1 Technical Memorandum for Northeast Plume	02/02/95	01/31/95		CLSD
			EPA 02/08/95	CLSD
			KY 02/15/95	CLSD
D1 ROD - Northeast Plume	05/24/95	05/23/95	Signature Dates: DOE: 06/06/95 EPA: 06/15/95 KY concurrence by permit modification 06/26/95	CLSD
			EPA 05/24/95	CLSD
			KY 06/05/95	CLSD
D2 Technical Memorandum for Northeast Plume	02/27/95	03/03/95		CLSD
			EPA 03/10/95	CLSD
			KY 03/10/95	CLSD

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**GROUNDWATER NORTHEAST IRA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
DOE D2 ROD Signature - Northeast	06/14/95			CLSD
			EPA 06/15/95 CLSD KY 06/26/95 CLSD	
D1 Proposed Plan for Northeast Plume	02/02/95	01/31/95		CLSD
			EPA 02/08/95 CLSD KY 02/15/95 CLSD	
D2 Proposed Plan for Northeast Plume	02/27/95	03/03/95		CLSD
			EPA 03/10/95 CLSD KY 03/10/95 CLSD	
30% Design for extraction well field complete - Northeast Plume	01/04/96	12/28/95	Dates and structure have been changed per ROC dated 12/28/95, from DOE to EPA and KY that outlines such an agreement.	CLSD
			EPA 01/28/96 CLSD KY 01/26/96 CLSD	
30% Design Document for construction of pipelines from extraction wells to security fence--Northeast Plume	04/30/96	04/22/96	Dates and structure have been changed per ROC dated 12/28/95, from DOE to EPA and KY that outlines such an agreement.	CLSD
			EPA 06/05/96 CLSD KY 05/23/96 CLSD	
30% Design Document for construction of pipelines from cooling towers to security fence--Northeast Plume	03/12/96		Dates and structure have been changed per ROC dated 12/28/95, from DOE to EPA and KY that outlines such	CLSD
			EPA 06/05/96 CMPL KY CMPL	
90% Design Document for construction of pipelines from cooling towers to security fence - Northeast Plume	04/16/96	04/05/96	Dates and structure have been changed per ROC dated 12/28/95, from DOE to EPA and KY that outlines such	CLSD
			EPA 06/10/96 CLSD KY 04/23/96 CLSD	

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**GROUNDWATER NORTHWEST IRA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 RI Report (Baseline RA)--Dissolved-Phase Risk Assessment	08/01/94	07/29/94	On hold based on EPA/KY negotiations	CLSD
			EPA 06/26/95 OPEN KY OPEN	
D1 Feasibility Study Work Plan--Dissolved-Phase Northwest Plume	04/10/94	04/26/94		CLSD
			EPA 09/12/94 CLSD KY 08/02/94 CLSD	
D2 Feasibility Study Work Plan - Dissolved-Phase Northwest Plume	08/10/94	11/09/94		CLSD
			EPA CLSD KY 03/14/95 CLSD	

**GROUNDWATER NORTHWEST IRA 1**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
O&M Plan for the NW Plume Groundwater System IRA (DOE/OR/07-1253&D4 Rev. 2)	01/15/02	01/29/02	Semiannual progress report stated that revised O&M plan will be submitted by 1/15/02.	CLSD
			EPA CLSD KY CLSD	
Explanation of Significant Differences the Northwest Plume IRA	08/05/96	08/05/96		CLSD
			EPA 11/25/96 CLSD KY 08/27/96 CLSD	
D1 Five-Year ROD Review--NW Plume	07/13/98	07/09/98	Issues regarding this document are addressed in the GWOU Five-Year Review submitted	CLSD
			EPA CLSD KY 09/29/98 CLSD	
D4 O&M Plan--NW Plume IRA	01/23/98	01/21/98		CLSD
			EPA CLSD KY 05/04/98 CLSD	
NW Plume O&M Plan for IRA (DOE/OR/07-1253&D4, Rev 1)	01/04/99	01/04/99		CLSD
			EPA CLSD KY 05/17/99 CLSD	

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**GROUNDWATER NORTHWEST IRA 1**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 ICM Work Plan--Northwest Plume IRA 1	05/22/92	05/21/92		CLSD
			EPA KY	CLSD 04/02/93 CLSD
D1 FS/PP--Northwest Plume IRA 1	03/08/93	03/03/93		CLSD
			EPA KY	CLSD 03/12/93 CLSD
D1 IROD--Northwest Plume IRA 1	05/03/93	05/17/93	Signature Dates: DOE 07/16/93 EPA 07/22/93 KY 08/13/93	CLSD
			EPA KY	CLSD 05/17/93 CLSD 06/23/93 CLSD
D1 RD Work Plan--Northwest Plume IRA	05/10/93	05/04/93		CLSD
			EPA KY	CLSD 09/01/93 CLSD 09/01/93 CLSD
D1 Remedial Action Work Plan--Northwest Plume IRA 1	11/05/93	11/05/93		CLSD
			EPA KY	CLSD 12/14/93 CLSD 03/28/94 CLSD
D1 Remedial Design Report--Northwest Plume IRA 1	12/04/93	10/30/93		CLSD
			EPA KY	CLSD 11/10/93 CLSD 12/03/93 CLSD
D1 Northwest Plume Groundwater Screening Risk Assessment	12/20/93	12/17/93	Comments will be addressed as part of the Risk Assessment Strategy included in the SMP.	CLSD
			EPA KY	CLSD 06/21/94 CLSD 01/17/95 CLSD
D1 TSWP (Iron Filings) - Northwest Plume IRA 1	10/30/93	07/29/94		CLSD
			EPA KY	CLSD 01/12/95 CLSD CLSD
D2 ICM Work Plan - Northwest Plume IRA 1	01/16/93	03/06/93		CLSD
			EPA KY	CLSD 04/02/93 CLSD 04/02/93 CLSD

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**GROUNDWATER NORTHWEST IRA 1**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 FS/PP - Northwest Plume IRA 1	04/01/93	03/16/93	EPA KY	04/15/93 CLSD CLSD
D2 IROD - Northwest Plume IRA 1	06/30/93	06/28/93	EPA KY	07/14/93 CLSD CLSD
D2 Remedial Design Report - Northwest Plume IRA 1	01/02/94	12/22/94	EPA KY	02/14/94 CLSD 03/15/94 CLSD
D2 TSWP (Iron Filings) - Northwest Plume IRA 1	02/16/95	02/02/95	EPA KY	04/19/95 CLSD CLSD
D1 O&M Plan--Northwest Plume IRA 1	05/31/94	05/27/94	EPA KY	08/26/94 CLSD 11/17/94 CLSD
D2 O&M Plan - Northwest Plume IRA 1	12/06/94	12/05/94	EPA KY	03/06/95 CLSD 01/09/95 CLSD
Response to EPA/KY comments on D1 Remedial Action Work Plan - Northwest Plume IRA 1	03/22/94	03/22/94	EPA KY	03/28/94 CLSD 03/28/94 CLSD
Request for extension for D2 ICM Work Plan - Northwest Plume IRA 1	12/21/92	12/21/93	EPA KY	01/22/92 CLSD CLSD
Northwest Plume IRA 1 - ROD Signature	07/24/93	07/16/93	EPA KY	07/22/93 CLSD 08/13/93 CLSD
D1 Remedial Action Report (Postconstruction Report)--Northwest Plume IRA 1	04/03/95	09/05/95	EPA KY	09/28/95 CLSD 09/11/95 CLSD

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**GROUNDWATER NORTHWEST IRA 1**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Phase I Site Investigation Work Plan	01/22/89	01/20/89	EPA 02/22/89 CLSD KY 02/21/89 CLSD	CLSD
D2 Phase I Site Investigation Work Plan	03/24/89	03/23/89	Submitted additional response to comments to NREPC on EPA 04/10/89 CLSD KY 03/30/89 CLSD	CLSD
D1 Phase I Site Investigation Report	07/21/90	12/21/90	EPA 02/19/91 CLSD KY 02/19/91 CLSD	CLSD
Response to 5/25/90 EPA/KY Response to second extension request for D1 Phase I Site Investigation Report	06/08/90	06/07/90	EPA 12/21/90 CLSD KY 06/29/90 CLSD	CLSD
D1 Phase II Site Investigation Work Plan	07/17/90	07/17/90	EPA 08/20/90 CLSD KY 08/28/90 CLSD	CLSD
D1 Phase II Site Investigation Report	10/28/91	10/25/91	EPA required no further revisions; however, the Final Report will not be approved until a complete schedule for implementation of post-Phase II activities is approved. EPA 02/06/92 CLSD KY 02/06/92 CLSD	CLSD
D1 Phase II Public Health and Ecological Assessment	12/29/91	12/19/91	Review comments to be addressed in post-Phase II documents submitted in accordance with approved schedules. Draft report not required to be finalized but to support the final documents developed in accordance with the Administrative Consent Order/SMP. EPA 12/07/92 CLSD KY 12/07/92 CLSD	CLSD

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**GROUNDWATER NORTHWEST IRA 1**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
EPA/KY response to D2 Phase II Site Investigation Report		09/14/90		CLSD
			EPA 10/09/90 CLSD KY 11/26/94 CLSD	
D3 O&M Plan - Northwest Plume IRA 1	10/01/95	09/28/95		CLSD
			EPA 03/06/96 CLSD KY 12/08/95 CLSD	

**GROUNDWATER NORTHWEST IRA 2**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Focused Feasibility Study-- Northwest Plume Source Containment	01/20/94	01/19/94	Agreements made to further delay action on the Northwest Plume.	CLSD
			EPA 04/26/94 CLSD KY 06/09/94 CLSD	
D2 Focused Feasibility Study - Northwest Plume Source Containment	07/01/94	08/03/94		CLSD
			EPA 12/02/94 CLSD KY 12/02/94 CLSD	
D1 Proposed Plan - Northwest Plume Source Containment	08/02/94	09/07/94	Received letter on 12/02/94, disapproving the report based on agreements made to delay further action on the Northwest	CLSD
			EPA 12/02/94 CLSD KY 12/02/94 CLSD	

**GROUNDWATER OU**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU D1 TS Work Plan for the Permeable Treatment Zone (DOE/OR/07-1861&D1)	03/18/00	03/08/00		CLSD
			EPA 04/10/00 CLSD KY 04/20/00 CLSD	
Mass Water Balance Report--GWOU (DOE/OR/07-1888&D1)	06/15/00	06/16/00		CLSD
			KY 09/22/00 CLSD	

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**GROUNDWATER OU**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Permeable Treatment Zone (PTZ) 60% Design Drawings and Technical Spec Package (DOE/OR/07-1875&D1)	04/05/00	04/05/00		CLSD
			EPA KY	CLSD 04/24/00 CLSD
GWOU D2 TS Work Plan for the PTZ at the PGDP (DOE/OR/07-1861&D2)	05/19/00	05/19/00	Approved on condition that errata inserts be provided.	CLSD
			EPA KY	06/16/00 CLSD 06/13/00 CLSD
90% Design Drawings and Technical Spec Package for the PTZ TS at the PGDP (DOE/OR/07-1875&D1/R1)	05/19/00	05/19/00		CLSD
			EPA KY	06/29/00 CLSD 06/13/00 CLSD
Draft final CFC Design Drawings and Technical Specifications Package w/CRS for the PTZ (DOE/OR/07-1875&D2)	07/14/00	07/14/00		CLSD
			EPA KY	CLSD 07/31/00 CLSD
D2 Construction Quality Control Plan (CQCP) for PTZ at PGDP (DOE/OR/07-1864&D2)	05/30/00	05/19/00		CLSD
			EPA KY	07/10/00 CLSD 02/22/01 CLSD
D2 FS Report--GWOU DOE/OR/07-1857&D2	08/03/01	08/22/01		CLSD
			EPA KY	09/18/01 CLSD 09/24/01 CLSD
GWOU FS (Internal Draft DOE/OR/07-1857)	06/13/01	06/13/01		CLSD
			EPA KY	CLSD CLSD
GWOU D2 PRAP (DOE/OR/07-1910&D2)	08/30/01	08/30/01	Ky comments received.	CLSD
			EPA KY	10/05/01 CLSD 09/24/01 CLSD

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

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**GROUNDWATER OU**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU D2 PRAP (DOE/OR/07-1910&D2/R1)	10/16/01	10/24/01	EPA granted conditional approval, requesting revised	CLSD
			EPA 10/29/01 CLSD KY 10/30/01 CLSD	
GWOU D2 PRAP (DOE/OR/07-1910&D2/R2)	11/14/01	11/20/01	No response required. This revision satisfies EPA's conditional approval granted with the first revision.	CLSD
			EPA CLSD KY 11/28/01 CLSD	
D1 SAP for Groundwater OU	06/16/98	06/16/98		CLSD
			EPA 08/07/98 CLSD KY 07/20/98 CLSD	
D2 SAP to Support a Side-Wide Remedial Evaluation for Source Areas Contributing to Off-Site GW Contamination (DOE/OR/07-1719&D2)--GWOU	09/19/98	09/10/98		CLSD
			EPA 11/10/98 CLSD KY 10/29/98 CLSD	
D1 FS Report--GWOU DOE/OR/07-1857&D1	07/14/00	07/13/00	DOE requested an extension on submittal from 06/18/00 to 07/14/00.	CLSD
			EPA 11/01/00 CLSD KY 01/08/01 CLSD	
GWOU Five-Yr Review (Water Policy, NW Plume IRA ROD, NE Plume IRA ROD, and Lasagna) (DOE/OR/07-1823&D1)	09/21/99	09/17/99	EPA and KY are not required to comment on Secondary Documents.	CLSD
			EPA OPEN KY 01/10/00 CLSD	
FS Work Plan Scoping Document for the GWOU (DOE/OR/07-1757&D1) (D2 will be submitted 18 days after D1 comments are resolved)	02/03/99	02/03/99		CLSD
			EPA 06/14/99 CLSD KY 05/14/99 CLSD	

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**GROUNDWATER OU**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>													
TSWP for C-Sparge, Groundwater Operable Unit, (DOE/OR/07-2018&D1) and the Draft Technology Installation and Operations Manual for the Treatability Study C-Sparge (DOE/OR/07-2026)	04/22/02	04/22/02	<p>DOE sent letter to EPA UIC permitting on 6/18/02. DOE requests a Rule Authorization by 6/26/02.</p> <p>On 6/06/02, a comment resolution meeting was held on the D1. A D2 was submitted. Item open until rule authorization received from EPA.</p> <p>EPA requested additional information, which was supplied by letter dated 8/16/02.</p> <p>Based upon agreed upon milestones (4/15/03) and ongoing negotiations among the DOE, KDEP, and EPA, C-Sparge TS will not occur; therefore, it is being eliminated as a project and the rule authorization letter from EPA is</p>	CLSD												
			<table border="0"> <tr> <td>EPA</td> <td></td> <td>OPEN</td> </tr> <tr> <td>EPA</td> <td>05/28/02</td> <td>CLSD</td> </tr> <tr> <td>KY</td> <td>05/17/02</td> <td>CLSD</td> </tr> <tr> <td>KY</td> <td>05/24/02</td> <td>CLSD</td> </tr> </table>	EPA		OPEN	EPA	05/28/02	CLSD	KY	05/17/02	CLSD	KY	05/24/02	CLSD	
EPA		OPEN														
EPA	05/28/02	CLSD														
KY	05/17/02	CLSD														
KY	05/24/02	CLSD														



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**GW S&T**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU ROD 3 S&T D2 Site Investigation Work Plan for the C-746-S&T Landfill (Scoping Plan)	12/18/03	11/25/03	KY granted conditional approval. EPA submitted additional comments that require addressing before approval is granted. On 3/3/04, DOE submitted errata sheets and addressed comments on the D2.  On 3/23/04, KY stated that only 2 of the 3 conditions have been met and that approval is not yet granted pending final submittal analytical methods and detection limits to be used for this investigation. On 4/15/04, DOE submitted a modification sheet addressing final comments. EPA 01/12/04 CLSD EPA 03/29/04 CLSD KY 01/07/04 CLSD KY 04/26/04 CLSD	CLSD
GWOU ROD 3 S&T Site Evaluation	02/10/06	02/10/06	EPA 03/07/06 CLSD KY 03/01/06 CLSD	CLSD

Environmental Restoration Program  
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**LASAGNA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU Lasagna D1 Remedial Action Report	07/09/02	09/05/02	Forecast date was 9/6/02. The 7/9/02 date was based on a 10/01/99 start. Actual start date was 12/30/99. A modification was never submitted due to Top-to-Bottom review.  On 7/12/02, DOE submitted a modification request to extend the date. KY approved the modification request. EPA has not approved the modification request to date.  KY and EPA approved the document.	CLSD
D1 Proposed Plan--Lasagna (SWMU 91)	01/11/98	08/13/97	EPA 10/31/02 CLSD KY 07/26/02 CLSD KY 10/25/02 CLSD	CLSD
D1 ROD--Lasagna	05/08/98	05/05/98	EPA 10/14/97 CLSD KY 10/31/97 CLSD	CLSD
DOE ROD Signature--Lasagna	07/13/98	07/09/98	EPA 05/18/98 CLSD KY 06/12/98 CLSD	CLSD
D2 Feasibility Evaluation for TCE-Contaminated Soil at SWMU	07/15/97	07/15/97	DOE signed 07/09/98. KY concurred 06/09/98. EPA signed 08/10/98. (A 06/09/98 letter from KDEP gave conditional approval of the D1 ROD. KDEP representatives related in conversation on 09/21/98 that the 06/09/98 letter serves as their concurrence for this ROD.)  EPA 08/10/98 CLSD	CLSD
			EPA 10/06/97 CLSD KY 10/01/97 CLSD	

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**LASAGNA**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D3 Feasibility Evaluation for TCE-Contaminated Soil at SWMU	12/05/97	12/05/97		CLSD
			EPA 03/30/98 CLSD KY 03/02/98 CLSD	
D2 PRAP--Lasagna (SWMU 91)	12/08/97	12/05/97		CLSD
			EPA 02/02/98 CLSD KY 02/25/98 CLSD	
D3 PRAP for SWMU 91--Lasagna	02/17/98	02/17/98		CLSD
			KY 03/02/98 CLSD	
D1 Remedial Design Rpt (90 percent) RA Work Plan and D1 Construction QC Plan for RA at SWMU 91, WAG 27--Lasagna (DOE/OR/07-1811&D1)	05/18/99	05/17/99		CLSD
			EPA 07/01/99 CLSD KY 06/22/99 CLSD	
O&M Plan for Lasagna Phase IIb In Situ Remediation of SWMU 91 (DOE/OR/07-1814&D1)	06/03/99	06/02/99		CLSD
			EPA 07/01/99 CLSD KY 08/06/99 CLSD	
Postconstruction Report for Lasagna IIb In Situ Remediation of SWMU 91 (DOE/OR/07-1856&D1)	01/24/00	01/21/00		CLSD
			EPA 03/14/00 CLSD KY 03/27/00 CLSD	
O&M Plan for Lasagna Phase IIb In Situ Remediation of SWMU 91 (DOE/OR/07-1814&D2)	09/20/99	09/17/99	EPA approval received 12/13/99.	CLSD
			KY is not required to comment	
			EPA 12/13/99 CLSD KY OPEN	

**MISCELLANEOUS DOCUMENTS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Background Soils Project Report for Radionuclides and Selected Inorganics at PGDP	04/15/97	04/09/97		CLSD
			EPA 06/09/97 CLSD KY 06/09/97 CLSD	

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**



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**MISCELLANEOUS DOCUMENTS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 Project Plan for the Background Soils Project at PGDP				CLSD
			KY 05/23/96	CLSD
C-746-S&T Assessment Report	03/23/97	02/28/97		CLSD
			KY 06/02/97	CLSD
Response to KY comments on C-746-S&T Landfill GW Assessment Report issued 02/28/97	08/01/97	06/17/97		CLSD
			KY	CLSD
Response to Comments on Methods for Conducting Human Health Risk Assessments and Risk Evaluations at PGDP (DOE/OR/07-1506&D1)--LMES Commitment No. 650	06/30/97	06/30/97	Closed 04/10/01.	CLSD
			EPA KY	CLSD 02/20/98 CLSD
D2 Background Levels of Selected Radionuclides and Metals in Soils and Geologic Media at PGDP (DOE/OR/07-1586&D2)	06/30/97	06/26/97		CLSD
			EPA	07/15/97 CLSD
D2 Community Relations Plan	07/18/97	07/18/97		CLSD
			EPA KY	09/19/97 CLSD CLSD
Data and Documents Management and DQ Plan for EMEF (DOE/OR/07-1595&D2)	10/06/98	10/05/98		CLSD
			EPA KY	11/10/98 CLSD 10/29/98 CLSD
Paducah Land Use Control Assurance Plan (DOE/OR/07-1799&D1)	04/15/99	04/15/99		CLSD
			EPA KY	08/16/99 CLSD 06/14/99 CLSD
Paducah Land Use Control Assurance Plan (DOE/OR/07-1799&D2)	02/07/00	02/07/00	Approved.	CLSD
			EPA KY	03/30/00 CLSD 03/02/00 CLSD
D1 Data Management Plan	03/31/94	03/30/94		CLSD
			EPA KY	01/25/96 CLSD 10/22/96 CLSD

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

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**MISCELLANEOUS DOCUMENTS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Data Management Plan	05/13/98	05/12/98	Due date is 90 days after signature of FFA.	CLSD
			EPA 06/16/98 CLSD	
			KY 07/08/98 CLSD	
D0 Community Relations Master Plan	02/01/94	02/01/94	As agreed by all Parties, a D1 was developed once the FFA was signed.	CLSD
			EPA 10/04/94 CLSD	
			KY 03/19/96 CLSD	
Resubmittal of FY 1994 Deliverables	01/21/94	01/20/94		CLSD
			EPA 02/10/94 CLSD	
			KY 07/25/94 CLSD	
Revised FY 1995 Deliverables	01/06/95	01/09/95		CLSD
			EPA CLSD	
			KY 01/19/95 CLSD	
D2 Background Concentrations and Human Health Risk-Based Screening Criteria for Metals in Soil at PGDP	09/18/95	09/22/95	Due Date changed to 9/25/95 from 9/18/95, per E-mail message from Chris Marshall regarding request made per telephone with Carlos Alvarado, DOE, to Jack Stickney of UK-AIP which was	CLSD
			EPA 12/18/95 CLSD	
			KY 12/11/95 CLSD	
Project Plan for the Background Soils Project at PGDP	09/18/95	09/22/95		CLSD
			EPA 12/18/95 CLSD	
			KY 12/11/95 CLSD	
Response to KY comments on the D2 Background Concentrations and Human Health Risk-Based Screening Criteria for Metals in Soil at PGDP	01/18/96	01/31/96	LMES submitted responses to DOE in a letter dated	CLSD
			EPA 03/22/96 CLSD	
			KY 03/21/96 CLSD	

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

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**Non-Time Critical Removal Actions**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>		
EE/CA for the C-405 Inincerator, C-746-A West End Smelter, and C-402 Limehouse	05/19/05	06/09/05	EPA KY	07/06/05 CLSD 07/12/05 CLSD	CLSD
D2 EE/CA for the C-405 Inincerator, C-746-A West End Smelter, and C-402	08/11/05	08/04/05	EPA KY	09/07/05 CLSD 08/22/05 CLSD	CLSD
Action Memorandum for the C-402 Limehouse, C-746-A West End Smelter, and the C-410 incinerator	11/30/05	09/28/05	EPA KY	11/04/05 CLSD 11/03/05 CLSD	CLSD
Action Memorandum for the C-402 Limehouse, C-746-A West End Smelter, and the C-410 incinerator	12/05/05	12/05/05	Date is 12/5/05 due to weekend.		CLSD
RAWP for Removal of the C-402 Limehouse	02/03/06	02/03/06	DOE requested a 15 day extension. Date revised from 1/19/06 to 2/3/06.	Kentucky approved the RAWP provided that DOE would forward a more specific waste determination protocol for PCB wastes, subject to regulatory approval.	CLSD
			EPA KY	03/07/06 CLSD 03/07/06 CLSD	

**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>		
SWOU Scrap Yards D1 NSDD Proposed RA Plan (DOE/OR/07-1923&D1)	01/08/01	01/05/01			CLSD
			EPA KY	02/08/01 CLSD 03/12/01 CLSD	

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU NSDD D1 ROD	03/28/01	12/20/01	Received "contained in" comments from KY on 03/11/02. D2 ROD now due on 04/10/02.  New strategy developed from the D1 ROD. The remedial action became a removal action, which resulted in the need for a removal notification to be submitted and an Action Memorandum. EPA 01/28/02 CLSD KY 02/04/02 CLSD	CLSD
SWOU NSDD D1 Remedial Design/Remedial Action WP for Hardpiping (DOE/OR/07-1967&D1)	04/30/01	02/07/02	D2 is required; official comments will not be provided until the ROD is signed. This will then determine the D2 date.  EPA 03/07/02 CLSD KY 03/18/02 CLSD	CLSD
SWOU Scrap Yards D2 Focused FS for NSDD (DOE/OR/07-1922&D2) (previously RAAA)	03/10/01	03/08/01	  EPA 03/26/01 CLSD KY 03/29/01 CLSD	CLSD
SWOU Scrap Yards D2 NSDD Proposed RA Plan (DOE/OR/07-1923&D2)	04/11/01	03/21/01	  EPA 04/18/01 CLSD KY 04/20/01 CLSD	CLSD
SWOU NSDD D2 PRAP (DOE/OR/07-1923&D2/Rev.	09/21/01	09/21/01	Approved.  EPA 09/27/01 CLSD KY 09/28/01 CLSD	CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU NSDD D1 Remedial Design/Remedial Action WP for Phase I Surge Basin	12/24/02	11/25/02	<p>Modification to include in Appendix C was submitted 12/01, with a proposed milestone date of 03/05/02. Not an enforceable commitment until modification is approved. Modification was never approved.</p> <p>The NSDD ROD was signed on 09/25/02; it specified that the D1 RD/RAWP for the surge basin would be due 90 days from ROD signature.</p> <p>DOE requested accelerated review times for the document. Both EPA and KY extended the review times for 30 days for the D1 Work Plan. EPA and KY provided comments on the RAWP which were received on 01/30/03.</p>	CLSD
			<p>EPA            01/30/03 CLSD KY             01/30/03 CLSD</p>	

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	<b>CLSD</b>
SWOU NSDD D1 RD/RAWP for Phase II Activities	02/03/04	09/12/03	<p>NSDD ROD was signed for Phase I and Phase II inside the fence on 9/25/02. Schedule in ROD states that this will be submitted as specified in approved Phase I RD/RAWP. Phase I Hardpiping Work Plan specifies it will be submitted 90 days after approval of the Phase I Surge Basin RD/RAWP.</p> <p>SMP dispute resolution of 04/15/03, established new milestones for this project instead of what was in the ROD.</p> <p>The conditional approval of the NSDD RAWP Surge Basin was disputed on 5/15/03. Dispute was resolved 8/7/03, which resulted in a schedule delay (from 9/30/03 to 2/3/04). DOE submitted a modification request on 8/25/03. DOE received approval of the modification request from KY and EPA (letters dated 9/10/03 and 9/8/03, respectively). DOE needs to submit the modification form for signature prior to the dates becoming official. Form submitted and approved by regulators.</p>	CLSD
			<p>EPA      11/02/03 CLSD KY        10/20/03 CLSD</p>	

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU NSDD D1 Final Remedial Action Report	05/16/05	05/12/05	Modification to include in Appendix C was submitted 12/01 with a milestone date of 02/05/04. Not an enforceable commitment until modification is approved. Regulators requested DOE submit modification form.	CLSD
			NSDD ROD signed 09/25/02, for Phase I and Phase II inside the fence. Submittal date not specified in the work plan.	
			EPA 07/06/05 KY 07/25/05	CLSD CLSD
SWOU NSDD D2 Remedial Design/Remedial Action WP for Hardpiping (DOE/OR/07-1967&D2)	04/17/02	09/26/02	This document previously was issued as the Removal Action WP for the Piping and Pump Modifications on 06/17/02. This document was reissued as the Remedial Design/ Remedial Action for the Piping and Pump Modifications. DOE requested the regulators review and provide approval or comments within 30 days.	CLSD
			EPA and KY approved the document.	
			EPA 10/21/02 KY 10/14/02	CLSD CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU NSDD ROD Signature	06/26/01	10/10/02	<p>Modification to delete milestone was submitted. Neither agency signed the modification form. Footnote in modification request stated that the proposed date is consistent with the FY 02 D1 SMP.</p> <p>The D2 Rod was submitted 08/02/02. EPA and KY revised the ROD and then signed it. DOE received their signed ROD on 08/22/02. DOE needed to sign the ROD and then KY could issue letter of concurrence.</p> <p>KY issued letter of concurrence on 09/18/02, and DOE signed the ROD on 09/25/02.</p> <p>KY and EPA issued letters of concurrence dated 12/10/02, on the signed D2 ROD. These letters provided milestone dates to be incorporated into the D2 RAWP.</p>	CLSD
			<p>EPA            08/22/02 CLSD KY              08/22/02 CLSD</p>	



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NSDD

Description	Due Date	Submitted	Comments	CLSD
SWOU NSDD D2 Remedial Design/Remedial Action WP for Phase I Surge Basin	03/01/03	02/28/03	D1 was submitted on 11/25/02. Comments were received 01/30/03. D2 was submitted on 02/28/03.  KY granted conditional approval 04/03/02. DOE had 30 days (until 05/02/03) from date of receipt to dispute conditions.  EPA granted approval 04/09/03. EPA approved all revisions to the documents except for the LUCIP. LUCIP was conditionally approved.  DOE invoked dispute resolution on 05/01/03.  DOE met with the regulators on 05/15/03, to resolve the informal dispute. DOE requested a 15-day extension of the informal dispute.  Formal dispute was invoked 07/16/03. A senior manager's meeting was held on 07/17/03. The parties have resolved the technical issues. By correspondence dated 08/07/03, KY approved the D2 RD/RAWP. Dispute resolved	CLSD
			EPA 04/14/03 CLSD KY 04/03/03 CLSD	

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**NSDD**

Description	Due Date	Submitted	Comments	CLSD
SWOU NSDD D2 Remedial Design/Remedial Action WP for Phase II Activities (Section 1)	12/02/03	12/01/03	<p>DOE requested comments by 12/31/03. KY requested an extension until 2/4/04, by correspondence dated 1/5/04.</p> <p>On 1/15/04, DOE discussed with the regulators the waste characterization sampling strategy to be implemented for Section 1 of the NSDD. An agreement was reached to collect 30 waste characterization samples.</p> <p>KY requested a second extension until 2/19/04. On 2/20/04, KY faxed their approval notification, with the requirement to resend a revised document based on the changes in the attached document to their letter.</p> <p>The revised document (D2/R1) was submitted on 2/25/04. On 3/23/04, EPA approved the D2/R1 document.</p>	CLSD
SWOU NSDD Sampling and Analysis Plan for NSDD Phase I (including Phase II schedule for submission of the Phase II D1 RD/RA Work Plan) and the D1 LUCIP	12/24/02	11/25/02	<p>EPA 03/26/04 CLSD KY 02/20/04 CLSD</p> <p>NSDD ROD signed on 09/25/02. ROD specifies submittal date as being 90 days from ROD Signature. DOE requested an accelerated review period of the documents. Sampling Plan was submitted as an Appendix to the Phase I Surge Basin RD/RAWP.</p> <p>KY and EPA did not approve the documents; they provided comments that need to be resolved.</p> <p>EPA 01/30/03 CLSD KY 01/30/03 CLSD</p>	CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU NSDD Sampling and Analysis Plan for NSDD Phase I (including Phase II schedule for submission of the Phase II D1 RD/RAWP)	03/01/03	02/28/03	Even though this is a secondary document, DOE requested a 30-day review time instead of 90 days. KY conditionally approved the D2 RD/RAWP. The comments received were on the Sampling Plan appendix.  EPA granted approval in a letter dated 04/09/03. EPA approved all revisions to the documents except for the LUCIP. LUCIP was conditionally approved.  DOE submitted maps with the sampling locations on 05/16/03, per the regulators request.  DOE met with the regulators to resolve the informal dispute on 05/15/03. DOE requested a 15-day extension of the informal EPA 04/14/03 CLSD KY 04/03/03 CLSD	CLSD
SWOU NSDD O&M Plan for Sections 1&2 of the NSDD	03/26/03	03/26/03	EPA and KY requested clarification on a couple of points to be submitted by letter. No D2 is required. DOE submitted the information on 06/12/03.  EPA 05/09/03 CLSD KY 04/28/03 CLSD	CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	<b>CLSD</b>
SWOU NSDD Sections 3,4, 5 D1 Sampling and Analysis Plan (SWOU Phase 1 Assessment)	04/30/04	04/29/04	<p>The three individual SAPs specified by the SMP dispute resolution have been combined into one document.</p> <p>Received 30-day extension request from KY on 6/24/04, requesting extension for review until 6/30/04. KY requested an additional extension until 7/15/04.</p> <p>Received KY comments via fax on 7/15/04. Received EPA comments on 7/16/04. D2 document required.</p> <p>See SWOU Sampling and Analysis Plan D2 for completion of the NSDD SAP.</p> <p>This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.</p> <p>EPA            07/16/04 CLSD KY              07/15/04 CLSD</p>	CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
NSDD D2 LUCIP	03/01/03	02/28/03	D2 was submitted on 02/28/03. DOE requested a 30-day review time frame on the documents. This document is a secondary document that normally has a 90-day review time frame (05/30/03).  EPA granted approval 04/09/03. EPA conditionally approved the LUCIP. KY provided final comments dated 05/27/03. KY requires that a specific date be included for recording property notices and that the land use controls will remain in place until KY/EPA approve a DOE request to remove them. If these changes are made, KY will approve the document.  DOE provided a comment response summary on 06/12/03. KY responded (7/2/03) that it disagrees with DOE and stands by their original requirements. EPA responded (7/11/03) that the 30-day requirement for filing Propoerty Record Notice must be included in the LUCIP.  Correspondence dated 11/4/03, from EPA requests DOE resubmit the LUCIP with the language DOE proposes. EPA states they consider the 30-day time frame to be practicable for the purposes of filing the notice. KY concurred with using the 30-day time frame for "practicable." DOE issued a D2/R2 on 11/21/03, incorporating the comments from the EPA and KY letters dated 11/4/03.	CLSD
			EPA	04/14/03 CLSD
			KY	05/29/03 CLSD

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
NSDD LUCIP	12/10/03	11/21/03	Correspondence dated 11/4/03, from EPA requested that DOE resubmit the LUCIP (D2/R1) with the language DOE proposes. EPA stated they consider the 30-day time frame to be practicable for the purposes of filing the notice. KY concurred with using the 30-day time frame for "practicable." KY conditional approval granted and is considered final with the errata sheets submitted.	CLSD
			DOE used 30 days from date received for submittal date.	
			Kentucky conditionally approved this version of the LUCIP pending language in the D2/R1 regarding wastes being characterized prior to disposal is retained.	
			EPA 04/01/04	CLSD
SWOU NSDD D2 Final Remedial Action Report	09/23/05	09/22/05		CLSD
			EPA 10/24/05 KY 01/09/06	CLSD CLSD
NSDD D1 ICM Work Plan	03/26/93	03/24/93		CLSD
			EPA 05/05/93 KY 07/19/93	CLSD CLSD
D1 Proposed Plan--NSDD	10/04/93	09/10/93	Approved upon signature of ROD.	CLSD
			EPA 10/12/93 KY CLSD	CLSD CLSD
NSDD D1 & D2 ROD	02/18/94	02/17/94		CLSD
			EPA 03/10/94 KY 03/11/94	CLSD CLSD
D2 ICM Work Plan--NSDD	09/10/93	09/10/93		CLSD
			EPA 03/28/94 KY 03/28/94	CLSD CLSD

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

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**NSDD**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 Proposed Plan--NSDD	10/25/93	10/14/93	EPA KY	10/26/93 CLSD CLSD
NSDD ROD Signature	03/18/94	03/16/94	DOE EPA KY	03/15/94 CLSD 03/28/94 CLSD 03/28/94 CLSD
NSDD 90% Design	09/30/94	09/15/94	EPA KY	CLSD 01/30/95 CLSD
NSDD O&M Plan	11/18/95	11/15/95	EPA KY	01/30/96 CLSD 02/14/96 CLSD
NSDD 50% Design	05/27/94	07/18/94	This was changed from a 30% design report to a 50% design report and was verbally approved by KDEP/EPA. A new schedule was submitted on 05/25/94, reflecting the change.	
			EPA KY	CLSD CLSD
Response to Comments from KY on the O&M Plan and an appendix requested by EPA, which is to include the C-400 Ion Exchange Unit Procedures - NSDD	04/27/96	06/27/96	Pursuant to a letter from KY dated 02/14/96. Request to change submission date in a letter dated 05/01/96, based on agreements with the agencies.	
			KY	08/28/96 CLSD

**SCRAP REMOVAL (WAG 24)**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
EE/CA for Scrap Removal at PGDP--WAG 24	05/27/99	05/25/99	EPA KY	07/12/99 CLSD 07/07/99 CLSD

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

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**SCRAP REMOVAL (WAG 24)**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
EE/CA for Scrap Removal at PGDP-- WAG 24 (DOE/OR/07-1797&D2)	08/11/99	08/06/99	This evolved into the EE/CA for the Scrap Yards Removal. EE/CA submitted on 7/11/00 (DOE/OR/07-1880&D1).	CLSD
			EPA 09/20/99 CLSD KY 09/30/99 CLSD	
D1 ICM Work Plan--Containment of Scrapyard Sediment Runoff	02/02/93	02/01/93		CLSD
			EPA 03/29/93 CLSD KY 03/29/93 CLSD	
D1 ICM Report (Postconstruction)--Scrapyards	08/04/94	08/02/94		CLSD
			EPA 01/30/95 CLSD KY 10/21/94 CLSD	
D2 ICM Work Plan - Containment of Scrapyard Sediment Runoff	05/17/93	05/14/93		CLSD
			EPA 07/23/93 CLSD KY 07/23/93 CLSD	
ICM Design and Construction Specifications - Containment of Scrap Yard Sediment Runoff	10/05/93	10/05/93		CLSD
			EPA 10/28/93 CLSD KY CLSD	
D1 O&M Plan--Scrapyards	08/04/94	08/02/94		CLSD
			EPA 01/30/95 CLSD KY 10/21/94 CLSD	

**SCRAP YARDS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Scrap Yards D1 EE/CA (DOE/OR/07-1880&D1)	07/11/00	07/11/00	KDEP letter received 02/09/00, requested submittal of SWOU EE/CA; however, DOE letter dated 03/03/00, invoked informal dispute resolution.	CLSD
			A revised D2 document was submitted to the regulators 11/30/00.	
			EPA 08/21/00 CLSD KY 08/28/00 CLSD	

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**



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**SCRAP YARDS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Scrap Yards Work Plan for Maintenance and Upgrade of Scrap Yard Sediment Runoff Containment at the PGDP (DOE/OR/07-1865&D1)	03/20/00	03/15/00		CLSD
			EPA KY	04/24/00 CLSD
SWOU Scrap Yards D1 Focused FS for NSDD (DOE/OR/07-1922&D1)	01/08/01	01/05/01		CLSD
			EPA KY	02/08/01 CLSD 02/08/01 CLSD
SWOU Scrap Yards D1 AM (DOE/OR/07-1965&D1)	06/15/01	06/14/01		CLSD
			EPA KY	06/22/01 CLSD 07/06/01 CLSD
SWOU Scrap Metal D1 Scrap Metal Removal Action WP for Aluminum Ingots(DOE/OR/07-1968&D1)	05/30/01	05/30/01		CLSD
			EPA KY	07/06/01 CLSD 06/13/01 CLSD
SWOU Scrap Yards D2 EE/CA for Scrap Metal Disposition (DOE/OR/07-1880&D2)	11/30/00	11/30/00	Received conditional approval from regulators 03/23/01.	CLSD
			EPA KY	03/23/01 CLSD 03/23/01 CLSD
SWOU Scrap Metal D2 AM (DOE/OR/07-1965&D2)	09/21/01	09/21/01	EPA and KY approved 10/17/01 and 10/01/01, respectively.	CLSD
			EPA KY	10/17/01 CLSD 10/01/01 CLSD
SWOU Scrap Metal D1 Removal Action WP for Scrap Metal Removal and Disposal at PGDP (DOE/OR/07-2013&D1)	01/31/02	01/31/02	D2 is required.	CLSD
			EPA KY	03/07/02 CLSD 03/10/02 CLSD

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**SCRAP YARDS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Scrap Yards D1 RI/FS Scoping Document (DOE/OR/07-1798&D1)	04/06/99	03/29/99	Includes WAGs 18&25 and suspected sources.	CLSD
			EPA KY	CLSD 04/30/99 CLSD
RAWP for Scrap Metal Disposition Infrastructure Modification (DOE/OR/07-1966&D1)	08/10/01	08/10/01	Please note that modification #071901 was signed by EPA and not KY. DOE submitted a CRS on 10/19/01, addressing the D1 comments.	CLSD
			Conditional approval was granted. A D2 to be submitted with as-builts per Program Manager; therefore, due date as specified in the FFA for a D2 is not applicable.	
			EPA KY	09/17/01 CLSD 09/14/01 CLSD
SWOU Scrap Metal D2 RAWP for Scrap Metal Removal and Disposal at PGDP	05/10/02	05/07/02	D2 due date was originally 4/10/02, based on DOE receipt of KY comments. DOE notified the regulators of an automatic extension on 4/22/02, for D2 submission per the FFA Section XX.G.6. Extension notification was for 5/10/02, due to top-to-bottom review.	CLSD
			Dispute resolution resolved by letter dated 7/03/02. EPA and KY rescinded stipulation of additional sampling and approve RAWP as written.	
			EPA KY	06/03/02 CLSD 05/28/02 CLSD

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**SCRAP YARDS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
O&M Plan for the Scrap Metal Storm Water Collection Basin	09/10/02	09/10/02	Agreed date was 9/30/02. DOE submitted correspondence on 8/23/02, stating submittal date will be 9/10/02. Requests EPA and KY return comments by 9/17/02, instead of the 90 day review period.  Correspondence with submittal requested regulators respond by 10/10/02.  KY requested additional information by 11/14/02. Does not require a D2 but will not approve plan until additional information is received. EPA stated will not approve plan until the additional information is submitted. EPA does not require a D2.	CLSD
Scrap Metal Small Mammals Sampling Project Report	09/01/02	08/28/02	DOE has requested comments on the subject report and concurrence.  Issue closed due to no comments received to date of 4/20/03.	CLSD
			EPA 10/21/02 CLSD KY 10/15/02 CLSD	
SWOU Scrap Yards D1 Post-Construction Report	08/13/03	08/13/03	DOE requested an expedited review with comments to be received by 9/12/03. Issue open until comments received.	CLSD
			EPA 10/25/04 CLSD KY 05/19/05 CLSD	
O&M Plan for the Northwest Sediment Control Basin for Scrapyards	10/23/03	10/23/03	D2 will be required per KY comments. Still waiting on EPA's Comments. EPA provided a "no comment" via telephone on 10/25/04.	CLSD
			EPA 10/25/04 CLSD KY 01/28/04 CLSD	

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**SCRAP YARDS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Scrap Yards D1 Post-Construction Report for Aluminum Ingots	04/01/04	04/01/04		CLSD
			EPA 10/25/04 CLSD KY 05/16/05 CLSD	
O&M Plan for the Northwest Sediment Control Basin for Scrapyards	10/13/04	11/10/05		CLSD
			EPA 02/21/06 CLSD KY 12/13/05 CLSD	

**SEDIMENT CONTROLS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Sediment Controls D1/R1EE/CA	02/11/02	02/11/02	D1/R1 was submitted and was approved. A 45-day public comment period must be held following approval of the EE/CA, prior to the D1 Action Memo.	CLSD
			EPA 02/22/02 CLSD KY 02/25/02 CLSD	
SWOU Sediment Controls D1 EE/CA (DOE/OR/07-1958&D1)	06/29/01	06/29/01		CLSD
			EPA 08/17/01 CLSD KY 08/08/01 CLSD	

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**SEDIMENT CONTROLS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Sediment Controls D1 Sampling and Analysis Plan	04/30/04	04/29/04	<p>The three individual SAPs specified by the SMP dispute resolution have been combined into one document.</p> <p>Received 30-day extension request from KY on 6/24/04, requesting extension for review until 6/30/04. KY requests an additional extension until 7/15/04.</p> <p>Received KY comments via fax on 7/15/04. Received EPA comments on 7/16/04. D2 document required.</p> <p>See SWOU Sampling and Analysis Plan D2 for completion of the Sediment Controls SAP.</p> <p>This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.</p>	CLSD
			<p>EPA        07/15/04 CLSD KY         07/16/04 CLSD</p>	

**SITE MANAGEMENT PLAN**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Paducah SMP--D2 FY 2001 Annual Revision (DOE/OR/07-1849&D2)	05/03/01	05/03/01	<p>Currently in dispute resolution regarding updated enforceable commitments.</p> <p>EPA conditionally approves the D2. DOE invoked informal dispute resolution. KY submitted a letter stating D2 submittal incomplete.</p> <p>SMP dispute resolved. Letter dated 4/15/03, included the new milestones.</p>	CLSD
			<p>EPA        06/05/01 CLSD KY         07/09/01 CLSD</p>	

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**SITE MANAGEMENT PLAN**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 Program SMP	07/15/96	07/15/96	EPA KY	CLSD CLSD
Paducah SMP--FY 2000 Annual Revision	11/15/99	11/15/99	EPA KY	02/03/00 CLSD 02/02/00 CLSD
Paducah SMP--FY 2001 Annual Revision	11/15/00	11/15/00	D2 was submitted 05/03/01.	
Paducah SMP--FY 1999 Annual Revision (DOE/OR/07-1780&D1)	11/15/98	11/10/98	EPA KY	01/16/01 CLSD 02/22/01 CLSD
Paducah SMP--FY 1999 Annual Revision (DOE/OR/07-1780&D2)	02/03/99	02/01/99	EPA KY	01/19/99 CLSD 12/28/98 CLSD
Paducah SMP--FY 2003 Annual Revision D1.	11/15/02	11/14/02	Updated - issued 11/14/02. DOE received comments. A D2 will be required.	
Paducah SMP--FY 2004 Annual Revision with annual certification of LUCIPs	11/15/03	11/13/03	EPA KY	12/30/02 CLSD 12/23/02 CLSD
			EPA requested an extension until 1/14/04.	
			Comments have been received and a D2 is required.	
			EPA KY	01/16/04 CLSD 01/20/04 CLSD

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**SITE MANAGEMENT PLAN**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Paducah SMP--FY 2003 Annual Revision D2.	05/19/03	05/15/03	DOE received comments on the D1 by EPA (12/30/02) and KY (12/23/02). Per the FFA, the D2 is to be submitted within 15 days of receipt of comments. DOE notified the FFA parties of a 30-day extension on 1/03/03, and specified a submittal date of 2/06/03.  EPA concurred with the extension by correspondence dated 1/09/03. KY concurred with the extension by correspondence dated 1/09/03.  DOE requested on 2/05/03, that submittal of the SMP be delayed until after negotiation of the dispute. SMP dispute resolved. Letter dated 4/15/03, included the new milestones. An Agreed Order was signed 10/02/03. DOE submitted the FY04 D1 SMP to incorporate the agreements in the LOI and AO.  D2 submitted on 5/15/03. Issue open until regulator approval received.  EPA did not approve the D2. EPA states that the continuing meetings on the dispute resolution will help resolve	CLSD
Paducah SMP--FY 2005 Annual Revision with annual certification of LUCIPs	11/15/04	11/12/04	KY requested a 30- day extension. KY requested another 30 day extension until 2/15/05. KY requested another extension until 3/17/05. KY requested another extension	CLSD
			EPA 07/14/03 KY CLSD	CLSD
			EPA 12/29/04 KY 04/14/05	CLSD CLSD

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**SITE MANAGEMENT PLAN**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Paducah SMP--FY 2004 Annual Revision with annual certification of LUCIPs	02/27/04	02/26/04	DOE sent in written notification on 1/29/04, extending the D2 submittal date to 2/27/04.  DOE sent in a D2/R1 on 4/13/04, to update the previous D2 submittal of 2/26/04.  Regulators request an extension until 4/16/04. EPA 04/19/04 CLSD KY 04/22/04 CLSD	CLSD
Paducah SMP--FY 2005 Annual Revision with annual certification of LUCIPs	04/29/05	04/28/05	EPA 06/03/05 CLSD KY 05/06/05 CLSD	CLSD
D0 Program SMP	12/31/92	12/30/92	EPA 08/02/93 CLSD KY 10/12/93 CLSD	CLSD
D1 Program SMP	08/23/95	08/22/95	EPA 11/01/95 CLSD KY 11/22/95 CLSD	CLSD
FY 1994 Deliverable/Generic Baseline SMP Response	12/15/93	12/14/93	EPA 01/04/94 CLSD EPA 02/03/94 CLSD KY 01/05/94 CLSD KY 07/25/94 CLSD	CLSD
Resubmittal of Generic Baseline SMP Response	02/25/94	08/08/94	EPA 01/24/95 CLSD KY 01/19/95 CLSD	CLSD
D1 Framework for Site Management Plan	08/06/92	08/05/92	EPA 09/22/92 CLSD KY 09/22/92 CLSD	CLSD



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**SOUTH WEST PLUME**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
GWOU SW Plume Site Investigation Work Plan (Sampling and Analysis Plan)	10/30/03	10/27/03	DOE asked for comments by 12/1/03. The following supporting documents were also submitted: QA Project Plan (BJC/PAD-588), WM Plan (BJC/PAD 590), Data Management Plan (BJC/PAD-589).	CLSD
			This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.	
			EPA 01/16/04 CLSD KY 12/04/03 CLSD	
GWOU SW Plume D1 Site Investigation/ Risk Assessment Report	01/03/05	02/16/05	12/30/04 - DOE submitted a 45-day extension request until 2/17/05 for this document. KY responds on 1/13/05 requesting a modification form. KY will approve extension when they receive the form.	CLSD
			KY requested an additional 15 (to June 2) days to review document.	
			EPA 06/08/05 CLSD KY 06/01/05 CLSD	
GWOU SW Plume D2 Site Investigation Work Plan (Sampling and Analysis Plan)	03/17/04	02/13/04	KY requires either errata sheets or a redline/strikeout revision to address remaining concerns before final approval is granted.	CLSD
			On 4/15/04, DOE submitted a modification sheet addressing final comments.	
			This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.	
			EPA 04/01/04 CLSD KY 03/29/04 CLSD KY 04/26/04 CLSD	

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**SULFURIC ACID TANK TIME CRITICAL REMOVAL ACTION**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Sulfuric Acid Tank Time Critical Removal Notification (DOE/OR/07-2007&D1)	04/24/02	04/24/02		CLSD
			EPA 06/03/02 CLSD KY 05/28/02 CLSD	
Sulfuric Acid Tank Time Critical Removal from receipt of final comments.	07/03/02	07/01/02	Submittal required from 30 days	CLSD
			DOE received comments on the D1 6/03/02.	
			EPA 07/26/02 CLSD KY 07/24/02 CLSD	

**SURFACE WATER**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 RI/FS Work Plan for the SWOU (DOE/OR/07-1812&D1)	09/30/99	09/29/99	Includes WAGs 18&25 and suspected sources.	CLSD
			Core Team recommended changes deferring SWOU RI/FS activities to FY 2004 and	
			EPA 02/10/00 CLSD KY 02/09/00 CLSD	

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**SURFACE WATER**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Phase I Assessment D1 Sampling and Analysis Plan	04/30/04	04/29/04	<p>The three individual SAPs specified by the SMP dispute resolution have been combined into one document.</p> <p>Received 30-day extension request from KY on 6/24/04, requesting extension for review until 6/30/04. KY requests an additional extension until 7/15/04.</p> <p>Received KY comments via fax on 7/15/04. Received EPA comments on 7/16/04. D2 document required.</p> <p>This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.</p>	CLSD
			<p>EPA            07/16/04 CLSD</p> <p>KY             07/15/04 CLSD</p>	

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**SURFACE WATER**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU Phase I Assessment D2 Sampling and Analysis Plan	09/14/04	12/15/04	DOE notified regulators on 8/12/04, of a 30-day schedule extension (from 8/15/04 to 9/14/04). DOE requested on 9/16/04, as a result of the senior manager's meeting, an additional 45 day extension (10/29/04) to incorporate and resolve regulators comments. On 11/1/04, DOE requested another extension until 12/17/04 for submittal of the D2.  This document, as agreed by the FY2004 SMP, will be treated as a primary document for purposes of review timeframes and dispute process.  KY requested an extension for review until 2/7/05 on 1/21/05. Received conditional approval on 2/7/05. DOE is initiating dispute resolution process on 3/4/05. DOE initiated formal dispute on 4/14/05. The formal dispute was resolved on 5/4/05. DOE submitted errata sheets on 5/11/05 and emails on 5/13 regarding App. E, making the document a D2/R1. KY approved the D2R1 on 5/13/05. DOE submitted a D2R2 on 5/16/05 incorporating all	CLSD
SWOU D1 Surface Water Strategy Document	04/30/93	04/27/93	Document will be included as an appendix to the SMP.  EPA 01/18/05 CLSD KY 02/07/05 CLSD KY 05/13/05 CLSD	CLSD
SWOU D1 ICM Report for Institutional Controls	10/13/93	10/12/93	EPA 06/02/94 CLSD KY 11/27/95 CLSD  EPA 11/05/93 CLSD KY 11/08/93 CLSD	CLSD

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**SURFACE WATER**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWOU D1 ICM Work Plan for Institutional Controls	05/21/92	05/21/92		CLSD
			EPA 07/10/92 KY 07/10/92	CLSD CLSD
SWOU D1 O&M Plan for Institutional Controls	08/15/93	10/04/93		CLSD
			EPA 11/05/93 KY 11/08/93	CLSD CLSD
SWOU D2 ICM Work Plan for Institutional Controls	05/21/92	09/02/92		CLSD
			EPA 09/23/92 KY 09/23/92	CLSD CLSD

**SWMU NOTIFICATION-ASSESSMENT/RFI ASSIGNMENT**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWMU Assessment Report for SWMU No. 205 (included WAG assignment to WAG 18)	09/12/96	08/29/96		CLSD
			KY 10/15/96	CLSD
Submit revised SAR for SWMU 198	09/23/94	09/19/94	Received KY comments on 9/23/94, asking for revisions to SAR.	CLSD
			EPA 07/16/96 KY 01/12/95	CLSD CLSD

**UST CLOSURES**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
C-750 A and B UST Closure PGDP Site ID 6319-073	02/22/99	02/22/99		CLSD
			KY 04/15/99	CLSD

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**UST RELATED DOCUMENTS**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Alternative Sampling Approach for Two USTs, C-200-A and C-710-B	07/25/96	07/25/96		CLSD
			EPA KY	CLSD 07/30/96 CLSD
Response to KY comments on permanent closure of USTs C-750-A&B	06/08/97	04/30/97		CLSD
			KY	07/15/97 CLSD
D1 UST SI Report	09/12/93	09/11/93		CLSD
			KY	12/19/95 CLSD
D1 UST Corrective Action Plan	12/12/92	12/11/92		CLSD
			KY	12/19/95 CLSD
C-750-C Closure Plan Response to Comments	03/12/93	03/11/93	Approved 6/28/93	CLSD
			KY	06/28/93 CLSD
P. E. Certification - C-750-C RCRA Subtitle C UST	05/18/94	05/16/94	Additional data to be submitted within 60 days of this letter if requested by KDEP.	CLSD
			KY	07/06/94 CLSD
Additional SI Report for UST	04/22/94	05/12/94		CLSD
			KY	01/24/96 CLSD

**WAG 13**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 13 D1 RFI Work Plan	07/09/93	07/07/93	Resubmission moved to outyear pursuant to WAG restructuring in Mod No. 10 to RCRA Permit.	CLSD
			EPA KY	11/05/93 CLSD 03/15/94 CLSD
D2 RFI Work Plan - WAG 13	02/15/94	05/14/94		CLSD
			EPA KY	06/18/94 CLSD 08/24/94 CLSD

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**WAG 15**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 15 D1 SAP for Site Evaluation		05/28/96		CLSD
			EPA 07/23/96 CLSD KY 07/23/96 CLSD	
WAG 15 D2 SAP for Site Evaluation		07/05/96		CLSD
			EPA CLSD KY 07/29/96 CLSD	
WAG 15 SE Report	12/31/96	12/19/96		CLSD
			EPA 04/24/97 CLSD KY 03/24/97 CLSD	
WAG 15 SWMU 97 Risk Management Plan	05/23/97	05/16/97		CLSD
			KY 07/15/97 CLSD	

**WAG 17**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Action Memorandum for WAG 17, SWMU 124	06/14/96	06/14/96		CLSD
			EPA 07/08/96 CLSD KY 06/25/96 CLSD	
D1 Proposed Plan--WAG 17	04/04/97	04/04/97		CLSD
			EPA 05/21/97 CLSD KY 06/16/97 CLSD	
D1 ROD--WAG 17 (DOE/OR/06-1567&D1)	10/29/97	09/25/97	Signature dates: DOE--09/25/97 EPA--09/29/97 KDEP concurrence--09/26/97	CLSD
			EPA 09/29/97 CLSD	
D2 RI Report for WAG 17	04/14/97	04/07/97		CLSD
			EPA 07/30/97 CLSD KY 06/16/97 CLSD	
Draft D2 Proposed Plan--WAG 17	07/03/97	07/03/97		CLSD
			EPA 07/25/97 CLSD KY 07/21/97 CLSD	

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**WAG 17**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Final D2 Proposed Plan--WAG 17	07/24/97	07/24/97		CLSD
			KY 07/29/97	CLSD
D1 RFI Work Plan--WAG 17	01/30/94	01/28/94		CLSD
			EPA 07/18/94	CLSD
			KY 07/21/94	CLSD
D2 RFI Work Plan - WAG 17	09/19/94	09/16/94		CLSD
			EPA 01/09/95	CLSD
			KY 11/14/94	CLSD
D1 CMS Work Plan--WAG 17	06/06/94	06/03/94		CLSD
			EPA 10/05/94	CLSD
			KY 10/19/94	CLSD
D2 CMS Work Plan - WAG 17	12/31/94	12/15/94	This should include a response to KY comments on D1.	CLSD
			EPA 03/09/95	CLSD
			KY 01/12/94	CLSD
Response to KY comments on D2 RFI Work Plan - WAG 17	12/31/94	01/24/95		CLSD
			KY	CLSD
Modification to WAG 17 RFI Work Plan	03/13/95	03/13/95		CLSD
			EPA 04/03/95	CLSD
			KY 04/03/95	CLSD
Addendum II to WAG 17 RFI Work Plan	06/26/95	06/26/95		CLSD
			EPA 07/12/95	CLSD
			KY 08/02/95	CLSD
Request for delay in fieldwork required by the approved workplan.	07/07/95	07/07/95		CLSD
			EPA	CLSD
			KY 08/02/95	CLSD
Additional information requested in addition to Addendum II to WAG 17 RFI Work Plan	07/21/95	07/21/95		CLSD
			KY 08/02/95	CLSD
D1 RI Report for WAG 17	11/09/96	11/09/96		CLSD
			EPA 01/27/97	CLSD
			KY 02/13/97	CLSD

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**WAG 22, SWMU 7&30**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 22 (7&30) Burial Grounds FS for Final Action (DOE/OR/06-1644&D2)	11/04/98	11/02/98	KY letter dated 12/07/98, requested a 7-day review extension moving the comment due date to 12/14/98.	CLSD
			EPA issued conditional approval received 12/14/98, contingent upon BJC having an approved LUCAP.	
			EPA 12/14/98 CLSD KY 12/29/98 CLSD	
WAG 22 (7&30) Burial Grounds D1 FS Report	03/31/98	03/27/98		CLSD
			EPA 06/29/98 CLSD KY 07/16/98 CLSD	
WAG 22 (7&30) Burial Grounds D1 RI Report	07/28/97	07/21/97		CLSD
			EPA 10/28/97 CLSD KY 11/21/97 CLSD	
WAG 22 (7&30) Burial Grounds D2 RI Report	01/30/98	01/30/98		CLSD
			EPA 04/07/98 CLSD KY 03/23/98 CLSD	
WAG 22 (7&30) Burial Grounds D1 Field Sampling Plan	09/01/95	03/29/95		CLSD
			EPA 07/11/95 CLSD KY 07/21/95 CLSD	
WAG 22 (7&30) Burial Grounds D1 Field Sampling Plan Addendum	06/02/95	06/02/95	Required in 05/04/95 Data Quality Objectives meeting.	CLSD
			EPA 07/11/95 CLSD KY 07/21/95 CLSD	
WAG 22 (7&30) Burial Grounds D2 Field Sampling Plan	09/29/95	09/27/95		CLSD
			EPA 12/12/95 CLSD KY 11/02/95 CLSD	
WAG 22 (7&30) Burial Grounds D2 Feasibility Study - CRS to KY Comments		04/19/95		CLSD
			KY 05/26/95 CLSD	

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**WAG 22, SWMU 7&30**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 22 (7&30) Burial Grounds D3 Field Sampling Plan	12/11/95	12/16/95	As agreed to by all parties, a CRS was issued to the D2 document in lieu of generating a D3 document.	CLSD
			KY 01/17/96	CLSD

**WAG 22, SWMUs 2&3**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWMU 2 of WAG 22 Burial Grounds Request for variance for the installation of piezometers	08/15/96	08/15/96	D2 SAP submittal date contingent upon receipt of comments on D1 SAP by 12/01/95. ROC between DOE, EPA, and KY on extension of submittal date.	CLSD
			KY	CLSD
SWMU 2 of WAG 22 Burial Grounds Preliminary Characterization Summary Report	02/19/97	02/18/97		CLSD
			EPA 04/09/97	CLSD
			KY 05/07/97	CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D1 Feasibility Study Report	11/30/97	11/25/97		CLSD
			EPA 05/13/98	CLSD
			KY 04/13/98	CLSD
SWMU 2 of WAG 22 Burial Grounds D2 FS for Final Action (DOE/OR/06-1636&D2)	09/21/98	09/14/98		CLSD
			EPA 12/16/98	CLSD
			KY 12/14/98	CLSD
SWMU 2 of WAG 22 Burial Grounds PRAP (DOE/OR/06-1690&D1)	10/21/98	10/19/98	12/10/98 letter from EPA suspends their review of this document until a LUCAP has been submitted.	CLSD
			DOE received EPA letter on 10/19/99, stating that both EPA and KY were extending the submittal of the D2 PRAP to 11/16/99.	
			EPA 09/13/99	CLSD
			KY 12/14/98	CLSD

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**WAG 22, SWMUs 2&3**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
SWMU 2 of WAG 22 Burial Grounds PRAP (DOE/OR/06-1690&D2)	11/16/99	11/15/99	Project has been replaced with new OU Strategy.	CLSD
			EPA KY	OPEN OPEN
WAG 22 Burial Grounds D1 RI Addendum	06/23/93	06/22/93		CLSD
			EPA KY	01/13/94 CLSD 07/14/94 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D1 FS	12/31/94	10/11/94		CLSD
			EPA KY	11/23/94 CMPL 12/23/94 CMPL
WAG 22 Burial Grounds D2 RI Addendum	03/08/94	09/07/94		CLSD
			EPA KY	10/25/94 CLSD 12/06/94 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D2 FS	01/25/95	03/23/95		CLSD
			EPA KY	04/12/95 CLSD 03/31/95 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D1 Proposed Plan	02/24/95	03/21/95		CLSD
			EPA KY	04/05/95 CLSD 04/19/95 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D2 Proposed Plan	05/20/95	05/30/95		CLSD
			EPA KY	05/26/95 CLSD 05/31/95 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D1 ROD	07/30/95	07/28/95		CLSD
			DOE EPA KY	08/16/95 CLSD 08/22/95 CLSD 08/31/95 CLSD

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**WAG 22, SWMUs 2&3**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 22 Burial Grounds D2 RI Addendum - Response to KY comments on	02/04/95	05/14/96		CLSD
			KY	06/17/96 CLSD
SWMUs 2 and 3 of WAG 22 Burial Grounds D1 Sampling Plan	09/01/95	08/31/95		CLSD
			KY	06/17/96 CLSD
SWMU 2 of WAG 22 Burial Grounds D2 Sampling Plan	02/20/96	02/16/96		CLSD
			EPA	08/26/96 CLSD
			KY	06/17/96 CLSD

**WAG 23**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D3 Proposed Plan--WAG 23	02/07/97	02/07/97		CLSD
			EPA	CLSD
			KY	CLSD
D1 Final Remediation Action Report for WAG 23 and the Soils of SWMU 1 of WAG 27 (DOE/OR/07-1737&D1)	06/08/98	06/08/98		CLSD
			EPA	09/18/98 CLSD
			KY	10/07/98 CLSD
D1 PRAP for WAG 23 and SWMU 1 of WAG 27 PCB Sites (DOE/OR/07-1771&D1)	12/07/98	11/05/98		CLSD
			EPA	12/18/98 CLSD
			KY	04/16/99 CLSD

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**WAG 23**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 PRAP for WAG 23 and SWMU 1 of WAG 27 PCB Sites (DOE/OR/07-1771&D2)	06/01/99	05/25/99	DOE letter dated 09/27/99, invoked formal dispute resolution.  DOE letter dated 02/03/00, requested withdrawal of WAG 23 D2 PRAP from the regulatory review process.  Project has been replaced with removal action and will be addressed as part of the OU Strategy.	CLSD
D1 RI Addendum--WAG 23 PCB Spill	07/23/93	07/22/93	EPA KY 07/07/99	CLSD
D2 RI Addendum - WAG 23 PCB Spill Sites	09/16/94	09/15/94	EPA KY 05/17/94 07/18/94	CLSD
D1 Treatability Study Program Plan--WAG 23	03/26/94	03/24/94	EPA KY 01/26/95 12/21/94	CLSD
D2 Treatability Study Program Plan - WAG 23	09/09/94	12/13/95	EPA KY 07/07/94 08/19/94	CLSD
D1 Treatability Study Report--WAG 23	08/11/95	09/27/95	EPA 01/12/96 EPA 01/23/96 KY 02/01/95 KY 02/07/96	CLSD
Response to KY comments on D2 RI Addendum - WAG 23 PCB Spill Sites	02/18/95	02/16/96	In review (extension requested and approved by EPA and KY on 08/10/95 and 08/08/95, respectively.)  EPA 11/07/95 KY 11/15/95	CLSD
			KY	OPEN

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**WAG 23**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Response to KY comments on D2 Treatability Study Program Plan - WAG	04/02/95	04/07/95		CLSD
			EPA 01/12/96 CLSD KY OPEN	
D1 Feasibility Study Report--WAG 23	01/25/96	01/23/96		CLSD
			EPA 02/21/96 CLSD KY 03/01/96 CLSD	
D2 Feasibility Study Report--WAG 23	04/14/96	04/11/96		CLSD
			EPA 06/10/96 CLSD KY 05/09/96 CLSD	
D1 Proposed Plan - WAG 23	04/15/96	04/15/96	Originally scheduled for 04/29/96, but pushed forward to 04/14/96. Due to some problems with certification, pushed back to original date of	CLSD
			EPA 05/17/96 CLSD KY 05/14/96 CLSD	
D2 Proposed Plan--WAG 23	06/04/96	06/03/96	Dependent upon receipt of EPA/KY comments on D1 by 5/14/96.	CLSD
			EPA CLSD KY CLSD	

**WAG 27 NORTHWEST PLUME SOURCES**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 Treatability Study Program Plan--WAG 27	05/02/97	04/23/97	Final TSPP deferred, awaiting results of Treatability Study for WAG 6.	CLSD
			EPA CLSD KY 09/12/97 CLSD	
D2 RI/FS Work Plan--WAG 27	06/30/97	06/30/97	In ROC on 05/22/97, EPA and KY agreed to grant an extension till 06/30/97.	CLSD
			EPA 07/15/97 CLSD KY 08/18/97 CLSD	
D1 Treatability Study Program Plan--WAG 27	01/30/97	01/27/97		CLSD
			EPA 03/24/97 CLSD KY 03/27/97 CLSD	

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**WAG 27 NORTHWEST PLUME SOURCES**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D3 Redline/Strikeout RI/FS Work Plan--WAG 27	02/23/98	02/23/98		CLSD
			KY 03/12/98	CLSD
WAG 27 D1 RI Report (DOE/OR/07-1777&D1)	01/03/99	12/23/98		CLSD
			EPA 03/26/99	CLSD
			KY 04/05/99	CLSD
RI Report for WAG 27 (DOE/OR/07-1777&D2)	06/04/99	06/04/99	EPA (07/30/99) and KY (07/19/99) approvals were conditional. Revised document was submitted in mid-August.	CLSD
			Comments Response and errata pages were submitted 08/24/99. KY's approval was received 10/01/99.	
			EPA OPEN	
			KY 10/01/99	CLSD
D1 RI/FS Work Plan--WAG 27	11/15/96	11/15/96		CLSD
			EPA 02/19/97	CLSD
			KY 04/02/97	CLSD

**WAG 28 NORTHEAST PLUME SOURCES**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D2 RI Report (V1-4) for WAG 28 (DOE/OR/07-1846&D2)	08/25/00	08/21/00		CLSD
			EPA 10/16/00	CLSD
			KY 11/16/00	CLSD
Combined WAG 28 D2 RI/FS Work Plan and WAG 8 Preliminary Assessment/Site Investigation (DOE/OR/07-1592&D2)	05/29/98	05/20/98		CLSD
			EPA 07/16/98	CLSD
			KY 07/01/98	CLSD
D1 RI Report (V1-4) for WAG 28 (DOE/OR/07-1846&D1) and Data Report for Sitewide Remedial Evaluation for Source Areas Contributing to Off-Site GW Contamination	01/26/00	01/24/00		CLSD
			EPA 04/12/00	CLSD
			KY 06/05/00	CLSD

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**WAG 28 NORTHEAST PLUME SOURCES**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 RI/FS Work Plan--WAG 28	05/15/97	05/15/97		CLSD
			EPA 07/07/97 CLSD KY 10/01/97 CLSD	

**WAG 3**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 3 D1 RI/FS Work Plan	11/15/97	11/13/97		CLSD
			EPA 04/07/98 CLSD KY 03/09/98 CLSD	
WAG 3 D2 RI/FS Work Plan	07/06/98	07/01/98		CLSD
			EPA 08/12/98 CLSD KY 09/16/98 CLSD	
WAGs 2, 3, and 14 D1 RFI Work Plan	04/10/93	04/07/93	Resubmission moved to 11/15/97, pursuant to WAG restructuring in Mod No. 10 to RCRA Permit.	CLSD
			EPA 08/19/93 CLSD KY 06/20/95 CLSD	
WAG 3 D1 RFI Work Plan	03/30/97	03/26/97		CLSD
			EPA 05/12/97 CLSD KY 06/13/97 CLSD	

**WAG 6 - C-400**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Treatability Study Program Plan-- WAG 6	11/26/96	11/22/96		CLSD
			EPA 03/04/97 CLSD KY 03/17/97 CLSD	
D4 RI/FS Work Plan--WAG 6	01/30/97	01/27/97		CLSD
			EPA 03/20/97 CLSD KY 04/22/97 CLSD	
D2 Treatability Study Program Plan-- WAG 6	04/16/97	04/09/97	Will not receive EPA comments on this document.	CLSD
			EPA CLSD KY 07/08/97 CLSD	

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**WAG 6 - C-400**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Sampling Plan Modification--WAG 6	06/04/97	06/04/97	EPA 07/07/97 CLSD KY 07/18/97 CLSD	CLSD
D1 RI Report--WAG 6 DOE/OR/07-1727/V1&D1	08/14/98	08/13/98	EPA/KY approved a 30-day extension (08/14/98) for submittal of the D1 RI Report. EPA 12/11/98 CLSD KY 02/26/99 CLSD	CLSD
D1 TS Reports for WAG 6 DOE/OR/07-1788&D1 DOE/OR/07-1787&D1	02/15/99	02/15/99	No formal EPA or KY comments will be issued for these reports. EPA 06/16/99 CLSD KY 06/16/99 CLSD	CLSD
D2 RI Report--WAG 6 DOE/OR/07-1727/V1&D2	05/07/99	05/05/99	KY letter received 05/10/99, approving extension of submittal of D2 RI Report for WAG 6 from 04/27/1999 to EPA 07/30/99 CLSD KY 08/18/99 CLSD	CLSD
D1 RI/FS Work Plan--WAG 6	07/29/94	07/25/94	EPA 10/04/94 CLSD KY 12/27/94 CLSD	CLSD
D2 RI/FS Work Plan - WAG 6	12/31/94	02/15/95	EPA 04/10/95 CLSD KY 05/12/95 CLSD	CLSD
D3 RI/FS Work Plan--WAG 6 (C-400)	09/15/95	08/28/96	EPA 10/30/96 CLSD KY 11/30/96 CLSD	CLSD
D1 Industrial Hydrogeology Utilities Survey - WAG 6 - C-400	09/15/95	09/13/95	EPA 11/02/95 CLSD KY 10/09/95 CLSD	CLSD
D2 Industrial Hydrogeology Utilities Survey Work Plan - WAG 6 - C-400	10/23/95	11/01/95	EPA 11/02/95 CLSD KY 11/03/95 CLSD	CLSD

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**WAG 8**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAG 8 D1 SE Report	06/22/00	06/12/00	The SE process has been replaced with new OU Strategy.	CLSD
			EPA 08/04/00	CLSD
			KY 05/03/01	CLSD

**WAGS 1 AND 7**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Request for approval for permanent closure/NFA of USTs - WAG 7	10/21/96	10/21/96		CLSD
			EPA 12/11/96	CLSD
			KY 12/11/96	CLSD
D3 Proposed Plan--WAGs 1&7	11/15/96	11/15/96	EPA deferred approval to KY.	CLSD
			EPA 12/06/96	CLSD
			KY 12/06/96	CLSD
D1 ROD--WAGs 1&7 (DOE/OR/06-1470&D1)	02/07/97	04/08/97		CLSD
			EPA 06/02/97	CLSD
			KY 05/13/97	CLSD
D4 Proposed Plan--WAGs 1&7	12/23/96	12/23/97	EPA deferred approval to KY.	CLSD
			EPA 01/27/97	CLSD
			KY 01/27/97	CLSD
D2 ROD--WAGs 1&7 (DOE/OR/06-1470&D2)	05/30/97	09/02/97		CLSD
			EPA 11/28/97	CLSD
			KY 12/05/97	CLSD
Draft D3 ROD--WAGs 1&7 (DOE/OR/06-1470&D3)	03/09/98	01/09/98		CLSD
			EPA 02/09/98	CLSD
			KY	CLSD
D3 ROD--WAGs 1&7 (for signature) (DOE/OR/06-1470&D3)	02/20/98	02/20/98	DOE signed 02/20/98. KY concurred 06/24/98. EPA signed 08/10/98.	CLSD
			EPA 08/10/98	CLSD
			KY 06/24/98	CLSD

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**WAGS 1 AND 7**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
D1 Postconstruction Report and O&M Plan for WAGs 1&7 (DOE/OR/07-1743&D1)	03/15/99	02/08/99		CLSD
			EPA 05/03/99 CLSD KY 05/14/99 CLSD	
D1 RFI Work Plan--WAGs 1&7	09/12/92	09/11/92		CLSD
			EPA 04/08/93 CLSD KY 04/08/93 CLSD	
D1 RFI Report--WAGs 1&7	07/30/95	10/30/95	Also includes the RFI Report for KOW SMWUs 94, 95, and 157.	CLSD
			EPA 12/19/95 CLSD KY 02/14/96 CLSD	
D1 Preliminary Characterization Summary Report and FSP Addendum--WAGs 1&7	01/28/95	01/25/95		CLSD
			EPA 02/28/95 CLSD KY 03/06/95 CLSD	
D1 ICM Work Plan--C-746-K	08/10/92	08/14/92		CLSD
			EPA 10/05/92 CLSD KY 10/05/92 CLSD	
D2 RFI Work Plan - WAGs 1 and 7	06/11/93	06/10/93	Due 60 days from receipt of EPA and KY comments (4/14/93).	CLSD
			EPA 09/28/93 CLSD KY 09/28/93 CLSD	
D2 ICM Work Plan - C-746-K	11/05/92	11/05/92		CLSD
			KY 03/02/93 CLSD	
D1 FS Work Plan (CMS Work Plan)--WAGs 1&7	01/28/95	01/25/95		CLSD
			EPA 03/08/95 CLSD KY 03/06/95 CLSD	
D1 Remedial Design for ROD--WAGs	03/21/97	06/23/97	An Addendum to the D1 RD was sent to regulators on 06/23/97. D1 Addendum was approved 07/24/97; D2 document is not necessary.	CLSD
			EPA CLSD EPA 07/15/97 CLSD KY 05/20/97 CLSD KY 07/28/97 CLSD	

**PGDP Bechtel Jacobs Company LLC Centralized Tracking System (MACS2)**

**Environmental Restoration Program  
Historical Status of Commitments by Project**

04/12/06

**WAGS 1 AND 7**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
Response to EPA/KY comments on D1 Feasibility Study Work Plan (CMS Work Plan) - WAGs 1& 7	04/05/95	04/07/95		CLSD
			EPA 09/11/95 CLSD KY 09/11/95 CLSD	
D1 Feasibility Study Report-- WAGs 1&7	12/14/95	12/14/95		CLSD
			EPA 01/16/96 CLSD KY 02/22/96 CLSD	
D2 Feasibility Study Report - WAGs 1&7	02/12/96	05/16/96		CLSD
			EPA 06/17/96 CLSD KY 06/03/96 CLSD	
D1 Proposed Plan-- WAGs 1&7	02/09/96	05/16/96		CLSD
			EPA CLSD KY 06/03/96 CLSD	
D0 ROD - WAGs 1 and 7	06/28/96	07/01/96		CLSD
			EPA 07/22/96 CLSD KY OPEN	
Response to KY Comments on the D1 RFI Report - WAGs 1&7	04/27/96	04/08/96	Pursuant to letter dated 2/14/96	CLSD
			KY OPEN	
D2 RFI Report - WAGs 1&7	04/08/96	04/08/96		CLSD
			EPA 06/10/96 CLSD KY 06/03/96 CLSD	

**WAGS 16 AND 19**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
S&A, QA, and Data Management Plan for the SE of WAGs 16&19 (DOE/OR/07-1745&D1)	07/31/98	07/09/98	SE process has been replaced with new OU Strategy.	CLSD
			KY CLSD	

Environmental Restoration Program  
Historical Status of Commitments by Project

04/12/06

**WAGs 9 AND 11**

<b>Description</b>	<b>Due Date</b>	<b>Submitted</b>	<b>Comments</b>	
WAGs 9&11 D1 SAP for SE	02/28/97	02/27/97		CLSD
			EPA 04/09/97 CLSD KY 04/08/97 CLSD	
WAGs 9&11 D1 SE Report (DOE/OR/07-1785&D1)	12/29/98	12/23/98		CLSD
			KY 03/26/99 CLSD	
WAGs 9&11 D2 SAP for SE	06/09/97	06/26/97	During a 06/03/97 conversation, regulators granted an extension to 06/26/97.	CLSD
			Meeting planned for August 1997 to determine if D3 SAP is necessary.	
			KY 08/11/97 CLSD	
WAGs 9&11 Addendum to D2 SAP	12/18/97	12/18/97		CLSD
			KY 02/12/98 CLSD	
WAGs 9&11 ROC for Approval of Final D2 SAP	02/20/98	02/20/98		CLSD
			KY 03/12/98 CLSD	
WAGs 9&11 SE Report (DOE/OR/07-1785&D2)	06/24/99	06/24/99	DOE sent 05/21/99 letter requesting extension of D2 due date from 05/25/99 to 06/24/99.	CLSD
			The SE process has been	
			EPA CLSD KY 09/29/99 CLSD	
WAGs 5 and 11 D1 RFI Work Plan	06/14/92	06/01/92	Resubmission moved to outyear pursuant to WAG restructuring included in Mod No. 10 to the RCRA Permit.	CLSD
			EPA 06/18/93 CLSD KY 03/29/95 CLSD	

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