

Fluor Fernald, Inc.
11005 Hamilton-Cleves Hwy.
Harrison, OH 45030

006353

December 14, 2006

FLUOR

Fernald Closure Project
Letter No. C:BSOP(CA/PC):2006-0107

Mr. Timothy L. Jones, Contracting Officer
U. S. Department of Energy
EM Consolidated Business Center
250 East Fifth Street, Suite 500
Cincinnati, Ohio 45202

Dear Mr. Jones:

**CONTRACT DE-AC24-010H20115, FCP/COMPREHENSIVE EXIT/TRANSITION PLAN,
REVISION 3A (FINAL)**

- References:
- 1) DOE Letter EMCBC-00081-07, T. Jones to D. Sizemore, "FCP/Comprehensive Exit/Transition Plan Revision 3A (Final)," dated November 1, 2006
 - 2) Fluor Fernald Letter C:BSOP(CA/PC):2006-0057, D. Sizemore to T. Jones, "FCP/Comprehensive Exit/Transition Plan, Revision 3A (Final)," dated September 27, 2006
 - 3) DOE Letter No. EMCBC-00783-06, T. Jones to D. Sizemore, "FCP/Comprehensive Exit/Transition Plan, Revision 3 (Final)," dated August 8, 2006
 - 4) Fluor Fernald Letter C:BSOP(CA/PC):2006-0043, D. Sizemore to T. Jones, "FCP/Comprehensive Exit/Transition Plan, Revision 3 (Final)," dated June 23, 2006
 - 5) Fluor Fernald Letter No. C:BSOP(CA/PC):2006-0010, D. Sizemore to T. Jones, "FCP/Comprehensive Exit/Transition Plan, Revision 3 (Final)," dated February 17, 2006
 - 6) DOE Letter No. EMCBC-0190-05, R. Holland to D. Sizemore, "Approval of Comprehensive Exit/Transition Plan, Revision 2," dated August 30, 2005
 - 7) Fluor Fernald Letter No. C:BSOP(CA/PC):2005-0041, D. Sizemore to R. Holland, "Comprehensive Exit/Transition Plan," dated August 11, 2005

- 8) DOE Letter No. EMCBC-0120-05, R. Holland to D. Sizemore, "Conditional Approval of Comprehensive Exit/Transition Plan, Revision 2," dated July 14, 2005
- 9) Fluor Fernald Letter No. C:BSOP(CA/PC):2005-0037, D. Sizemore to R. Holland, FCP/Comprehensive Exit/Transition Plan, Revision 2," dated July 13, 2005
- 10) Fluor Fernald Letter C:BSOP(CA/PC):2005-0028, D. Sizemore to R. Holland, "FCP/Comprehensive Exit/Transition Plan, Revision 1," dated May 2, 2005
- 11) Fluor Fernald Letter C:BSOP(CA/PC): 2004-0060, D. Sizemore to R. Holland, "FCP/Comprehensive Exit Transition Plan," dated September 20, 2004

Enclosed are change pages to the FCP/Comprehensive Exit/Transition Plan (CE/TP), Revision 3A (Final) that was submitted by the Reference 2 letter, resulting from incorporation of comments provided in the Reference 1 letter. A specific list of the enclosures follows:

1. Revised Section C - replaces existing section C
2. Updated Map 3 - replaces existing Map 3
3. Site structures listing, certification report areas and natural resources restoration completion reports by declaration area - new attachments inserted after FCP Declaration Area Map

If you have any questions regarding this matter, please contact Tammy Terry at (513) 648-3870 or me at (513) 648-3358.

Sincerely,



Dennis Sizemore, Manager
Prime Contract

DS:jmb

Enclosure

c: Nina Akgunduz, DOE/EMCBC
Mark Albertin, MS 1
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Mark L. Sucher, MS 1
Tammy L. Terry, MS 1
Brinley D. Varchol, MS 90
Administrative Record, MS 6
File Record Subject: FCP/Comprehensive Exit/Transition Plan (CE/T Plan)
Letter Log Copy, MS 1

SECTION C – DECLARATION PROCESS

Introduction

Section C of the CE/T Plan presents Fluor Fernald's strategy for conducting "Preliminary Declarations of Work Completion" in accordance with Contract Clause F.6, and identifies the relationship of these preliminary declarations to Fluor Fernald's Declaration of Physical Completion. Section C.1 of the CE/T Plan presents how these declarations are made by Fluor Fernald and reviewed by DOE and the proposed timing of these declarations. Section C.2 of the CE/T Plan introduces the contractually required Contract Closeout Plan and the timing of its submission.

C.1 Declaration Strategy

This section outlines the strategy for preparing Preliminary Declarations of Work Completion as major areas of work are completed and the strategy for the Declaration of Physical Completion of the FCP in accordance with Contract Clause F.6.

The Declaration of Physical Completion is built around the use of preliminary declarations of work completed within the four requirements identified for the End State in Contract Clause C.1.2. Fluor Fernald's Declaration of Physical Completion for the FCP will be based primarily on the completion of all the preliminary declarations. Any work scope that has not undergone a review through the preliminary declaration process will be specifically identified in Fluor Fernald's Declaration of Physical Completion.

The four requirements (paraphrased from the complete descriptions in Clause C.1.2 of the Prime Contract) for achieving the End State are:

- All work required by the five Records of Decision with the exception of ground water and associated soils and facility demolition
- Restoration of the site as defined in the January 2002 Draft of the Natural Resources Restoration Plan
- The installation of the Long-Term Stewardship (LTS) infrastructure and submittal of a plan that identifies the required LTS activities (Note: LTS is also referred to as legacy management in this document)
- The submittal of and acceptance by DOE of the final/interim Remedial Action Reports

The preliminary declarations of completion will be submitted as follows:

- As physical work is completed as outlined below for specific OU projects:
 - 1) For OU-1: Waste Pits when the items defined in Section C.1.1.1 are completed
 - 2) For OU-2: Other Waste Landfills when the items defined in Section C.1.1.2 are completed
 - 3) For OU-3: Facility D&D as items defined in Section C.1.1.3 are completed by area/sub area
 - 4) For OU-4: Silos Waste as work scope is completed for each of the three phases (Ref. Section C.1.1.4 for details)

- 5) For OU-5: Soils Remediation as items defined in Section C.1.1.4 are completed by area/subs area
 - 6) For OU-5: On-Site Disposal Facility as items defined in C.1.1.1.5 are completed for each individual cell
- After completion and approval of the LTS Plan (Legacy Management Institutional Control Plan) and completion of the LTS infrastructure outlined in Section C.1.3. of this document.
 - Using phased submittals of Final/Interim Remedial Action Reports as outlined in Section C.1.4 of this document.

The end state infrastructure will be outlined in one of three maps (Map 1, 2, or 3) as identified in Table C.1. Map 4 identifies the soil excavation areas that have been certified and Map 5 identifies the declaration areas/sub area used for D&D, soils remediation, and natural resource restoration.

Table C.1 – End State Infrastructure Maps

Drawing No.	Title	Purpose
Map 1	FCP Post-Closure Site Map 1: Monitoring, Extraction and Injection Wells	Identify all active and inactive (IEMP and OSDF) monitoring, extraction and injection wells that will be in place at the Declaration of Physical Completion of the FCP
Map 2	FCP Post-Closure Site Maps 2 (A-G): Utilities Infrastructure	Identify above and below structures and utilities that are related to the on-going aquifer remediation, water treatment facilities, and OSDF leachate and leak detection system
Map 3	FCP Closure Site Map 3: Miscellaneous Infrastructure	Remaining structures, site roads and parking, fencing, culverts, etc.
Map 4	FCP Closure Site Map 4: Soil Certification Map	Identify the soil excavation areas that have been certified
Map 5	FCP Declaration Area Map	Declaration areas used for D&D, soil remediation, and natural resources Preliminary Declaration of Work Completion

The review concept for Preliminary Declarations of Physical Completion for projects (OU1 and OU2) or areas/phases within a project (OU3, OU4 and OU5) is based on a predetermined checklist approach that outlines the elements to achieve physical completion for the End State Requirements (Contract Clause C.1.2) and the associated scopes of work as defined in Contract Clause C.2. Fluor Fernald will declare that all of the items on a checklist (ref. C.1.1 through C.1.8) have been completed for that area/sub area or phase of the project and will issue a Preliminary Declaration of Work Completion.

The preliminary declaration reviews will consist of a field tour by the participating Fluor Fernald and DOE entities for verification of physical completion and review of any necessary documentation. When a Preliminary Declaration of Physical Completion is made, DOE's acceptance and any list of punch list

items will be provided to Fluor Fernald within 30 calendar days. The specific approach for each of the four End State Requirements and the associated specific scopes of work are outlined in the following sections. Final reviews of previously reviewed Preliminary Declarations will focus on completion of punch list items and identification of any conditions that have changed since the initial review consistent with previously used acceptance criteria. Any changed acceptance criteria from the initial review must be approved by the DOE CO and the Fluor Fernald Prime Contract Manager.

C.1.1. Declaration Approach for Physical Completion for Operable Units

C.1.1.1 Waste Pits (OU1)

A walk down and review of pertinent documentation of the Waste Pits project at the time the work is complete will verify that the pit material removal has been completed and shipped per the ROD requirements. This declaration will not include soil remediation below the Waste Pits which is included in OU5 - Soils remediation, removal of stockpiled above WAC material, which is included in OU5 Soils remediation, or D&D of any facilities which is included in OU3 – Facility D&D. The Interim Declaration Checklist – C.1.1.1: Verification of Waste Pit Material Removal and Shipping Completion will be used to document this completion.

C.1.1.2 Other Waste Landfills (OU2)

A walk down and review of pertinent documentation of the entire project will verify that the work has been completed and the Waste Landfills have been removed and disposed either in the OSDF or at an off-site location. The Interim Declaration Checklist – C.1.1.2: Verification of Other Waste Unit Material Removal and Disposition Completion will be used to document this completion.

C.1.1.3 Above Grade Facility D&D and Legacy Waste/Nuclear Material Disposition (part of OU3)

The purpose of the D&D part of the walk down and document review is to verify that the above ground manmade structures have been demolished, removed from the area for disposal and those above ground structures that are to remain are documented on Map 3. Also included is a walk down and review of pertinent documentation to verify no containerized low level or mixed waste, or nuclear product remains in the area. D&D associated with the Aquifer Treatment facility (Area 7 G) will be excluded from this walk down and be carried as an on going remedy in OU5. The verifications will be done by areas/sub areas. The Interim Declaration Checklist – C.1.1.3: Area Verification of D&D Activities will be used to document the completion of each area. This declaration process will begin in April 2005 and continue on a phased basis as outlined in Table C.2 of this document.

C.1.1.4 Silos Waste (OU4)

A walk down and document review of the Silos project will occur at the time the work is complete for each of the following three phases: (Phase 1) Waste has been removed from Silo's 1 & 2 and the actual Silos 1 & 2 structures have been removed; (Phase 2) Silo 3 waste material has been removed, treated, packaged and shipped; (Phase 3) Silo's 1 & 2 waste material has been treated, packaged and shipped.. This declaration will not include Soil remediation (OU5), D&D of any Silos treatment facilities (OU3), or D&D of Silo 3 (OU3). The Interim Declaration Checklist – C.1.1.4: Verification of Silos Material Removal and Shipping Completion will be used to document these completions.

C.1.1.5 Soils Remediation (OU5) and below grade D&D

There are nine declaration areas each with sub areas. Either a declaration area or a declaration sub area will be identified for the Preliminary Declaration of Physical Completion for the Soil Remediation part of OU5. The purpose of the soils remediation walk down will be to verify that soils excavation for remediation has been completed, the below ground manmade structures have been removed and disposed, the final certification has been completed, rough grading for final contour has been completed, and those below grade structures that are to remain are documented on Map 1, 2 or 3. Soils remediation associated with the Aquifer Treatment facility (Area 7-G) will be excluded from this walk down and be carried as an on going remedy in OU5. Interim Declaration Checklist – C.1.1.5.: Area Verification of Soils Excavation Completion will be used to document the completion of each area. This declaration process will begin in April 2005 and continue on a phased basis as outlined in Table C.2 of this document.

C.1.1.6 On-Site Disposal Facility (OU5)

A walk down and document review of each of the eight cells at the time the cell is completed will verify that the cell as been constructed per the design. In addition there will be a separate walk down of the OSDF infrastructure (e.g., fencing and leachate system) to verify construction of the infrastructure has been completed, and the OSDF cell construction and infrastructure has been documented on Map 3. Check List C.1.1.6 Physical Completion of the OSDF infrastructure will be used to document the OSDF infrastructure completion. This process will begin in April 2005 and continue on a phased basis as each cell is completed.

C.1.1.7 Groundwater Restoration (OU5)

A walk down and document review of all extraction, injection, monitoring, and construction wells; the leachate system and associated structures; the road system to the wells, and the CAWWT facilities will verify that the remaining structures associated with groundwater restoration and wells are documented on Map 1 and 2, that a set of drawings has been provided to DOE for the remaining structures and well systems, and the system is operating successfully. Since groundwater remediation is an on going remedy, completion is not required of the remedy, demolition of the associated structures, or soil remediation associated with these structures. Interim Declaration Checklist – C.1.1.7: For Completion of CAWWT & Aquifer System will be used to document this walk down. This declaration will take place no later than 3 months prior to the projected physical completion date or phased turnover to LM which ever comes first.

C.1.2. Declaration Approach for Natural Resource Restoration

There are nine declaration areas each with sub areas. Either a completed declaration area or sub area will be utilized for walk down purposes. The purpose of the natural resource restoration walk down will be to verify that the area has been graded to the final contour drawing, the area has been restored per the January 2002 Natural Resources Restoration Plan remediation. Areas associated with the Aquifer Treatment facility (Area 7-G) will be excluded from this walk down and be carried as an on going remedy in OU5. Interim Declaration Checklist – C.1.1.8: Area Verification of Natural Resource Restoration Completion will be used to document the completion of each area. This declaration process will begin in April 2005 and continue on a phased basis as outlined in Table C.2 of this document.

C.1.3. Declaration Approach for Installation of LTS Infrastructure and LTS Plan Requirements

This declaration will consist of two phases. Phase I will be the submittal and acceptance of the LMICP plan requirements as defined in paragraph four of Section C.3.7 of the Prime Contract. Phase II will be a walk down of the completed LTS infrastructure. This section excludes the groundwater structures covered in Section C.1.1.7 of this document. Phase II will be documented on Check List Number C.1.3, and shown on Map 3.

C.1.4. Declaration Approach for Final/Interim Remedial Action Reports and Associated Documentation

To meet the requirements of the Fernald Closure Contract, Section C.1.2 End State the following Final or Interim Remedial Action Reports are to be submitted:

- OU1: Waste Pits Final Remedial Action Report
- OU2: Other Waste Landfills Final Remedial Action Report
- OU3: Facility D&D and Containerized Legacy Waste/Nuclear Product Final Remedial Action Report
- OU4: Silos Waste Interim Remedial Action Report
- OU5: Interim Remedial Action Report: Section I - On-Site Disposal Facility
- OU5: Section II - Site-Wide Soils and Sediment
- OU5: Section III- Aquifer Restoration

To date, significant effort has been expended to define the scope, content, and level of detail of the required Interim and Final Remedial Action Reports. A strategy for the preparation of these reports was outlined to the U.S. EPA (Letter, DOE-0013-04, dated October 16, 2003) and subsequently approved by U.S. EPA on January 15, 2004. A Fact Sheet was developed and approved documenting this agreement in April 2005.

Based on the agreed strategy, the following draft reports were prepared and provided to DOE for their review.

- Submission of the Draft Final Remedial Action report for Operable Unit 1 – Waste Pits Remedial Action (Letter C:BSOP(CA/PC):2005-0023, dated March 21, 2005)
- Submission of the Operable Unit 2 Final Remedial Action Report (Letter C:BSOP(CA/PC):2004-0067, dated October 21, 2004)
- Submission of the Revised Operable Unit 2 Final Remedial Action Report (letter C:BSOP(CA/PC):2005-0006, dated January 24, 2005)
- Submission of the Draft Final Remedial Action Report for Operable Unit 3 (Letter C:BSOP(CA/PC):2005-0024, dated March 23, 2005)
- Submission of the Draft Interim Remedial Action Report for Operable Unit 5 (Section 1) – On-Site Disposal Facility (Letter C:BSOP(CA/PC):2005-0009, dated January 31, 2005)
- Submission of the Draft Interim remedial Action Report for Operable Unit 5 (Section 3) – Aquifer Restoration (Letter C:BSOP(CA/PC):2005-0017, dated March 10, 2005)
- Submission of the Draft Interim Remedial Action Report for Operable Unit 5 (Section 2) – Sitewide Soil and Sediment (Letter C:BSOP(CA/PC):2005-0018, dated March 14, 2005)

Part of this agreement included the submission of draft reports to both U.S. EPA and Ohio EPA for an informal review. The Final Remedial Action Report for Operable Unit 2 has been submitted to the agencies twice for which comments have been received. Operable Unit 3 has also been submitted to the agencies for which comments were received only from U.S. EPA. The Interim Reports (Sections 1, 2, and 3) for Operable Unit 5 were submitted to the agencies for informal review on November 10, 2005 (Letter DOE-0017-06). No comments have been received to date.

It has been determined in consultation with DOE that no further submittals of the other remedial action reports will be made to the agencies for informal review.

The scope of these remedial action reports, their content and level of detail have been successfully established with U.S. EPA. In addition to the aforementioned U.S. EPA approval of the strategy for completing these reports, U.S. EPA's review of the Operable Unit 2 Report resulted in agreement with the content and level of detail of these reports. Meeting minutes from a November 8, 2004 meeting with the agencies to discuss the Operable Unit 2 report and a subsequent e-mail from U.S. EPA, both of which were provided to Fluor Fernald document this agreement. (Letter OH-0100-05, Ralph Holland to Dennis Sizemore, dated December 15, 2004)

The U.S. EPA approved strategy for the preparation of these reports, the U.S. EPA agreement as to content and level of detail of these reports, the preparation and early submission of drafts of all the remedial action reports, except Operable Unit 4, to DOE, and the submission of select reports (five of the seven required) to the agencies for review and feedback all provide a sound basis for DOE to accept these reports as required by the contract.

The approach for submitting the Operable Unit Remedial Action Reports will consist of:

1. Preparing a response to comments document for all comments received on the Operable Unit 2, 3, and 5 reports (if comments are received on the Operable Unit 5 reports);
2. Incorporation, as appropriate, comments from these reports into the other remedial action reports
3. Submittal of the reports to DOE in the format described above and with the incorporation of the EPA comments shall constitute meeting the contractual requirements for the Interim and Final Remedial Action Reports. The Interim and Final Remedial Action Reports will be submitted as follows:
 - 3.1. For OU-1, Waste Pits: the Final Remedial Action Report was submitted May 9, 2006.
 - 3.2. For OU-2, Other Waste Landfills: the Final Remedial Action Report was submitted June 28, 2006.
 - 3.3. For OU-3, Facility D&D and Containerized Legacy Waste/Nuclear Product: The Final Remedial Action Report will be submitted approximately two weeks after the remediation scope is complete and the final D&D completion report is submitted (target September 29, 2006).
 - 3.4. For OU-4, Silos Waste: the Interim Remedial Action Report was submitted June 23, 2006.

- 3.5. For OU-5: Interim Remedial Action report, comprised of three distinct sections (OSDF, Soils and Sediment, and Aquifer Restoration) will be submitted after the OSDF Cell 8 cap is complete, all soils have been certified (except those soil areas related to the footprint of the groundwater infrastructure), and the last installed groundwater pumping module (Waste Pit Phase II) is operational (target September 29, 2006).

C.2 Contract Closeout Plan Strategy

The strategy for Declaration of Physical Completion is identified in the introduction section of the CE/TP.

Clause F.7 requires a Contract Closeout Plan, including budget and schedule for activities described therein, to be submitted as a separate formal deliverable. The contract requires the Contract Closeout Plan be submitted concurrently with Fluor Fernald's Declaration of Physical Completion letter. Fluor Fernald and DOE have agreed to submit this Contract Closeout Plan six months prior to the Declaration of Physical Completion.

Interim Declaration Checklist – C.1.1.3

Area Verification of D&D Activities Completion

Date: _____

DOE Signature: _____

Fluor Fernald Signature: _____

Remediation Area Evaluated:		
Criteria	Fluor Fernald Verified (Y/N)	DOE CO Concur (Y/N)
D&D Implementation Plan is Approved		
D&D of Facilities is Complete		
Any Remaining Property, Equipment, Structures is documented on Maps 1,2 or 3		
All Debris and Small Structures have been removed		
D&D Project Completion Report is Submitted and Approved		
D&D Debris Manifests are Available		
All Containerized Legacy Waste and/or Nuclear Material has been removed.		

Documents & Letters Supporting Completion Declaration:

Document	Approval Date

Interim Declaration Checklist – C.1.1.4

Verification of Silos Material Removal and Shipping Completion

Date: _____

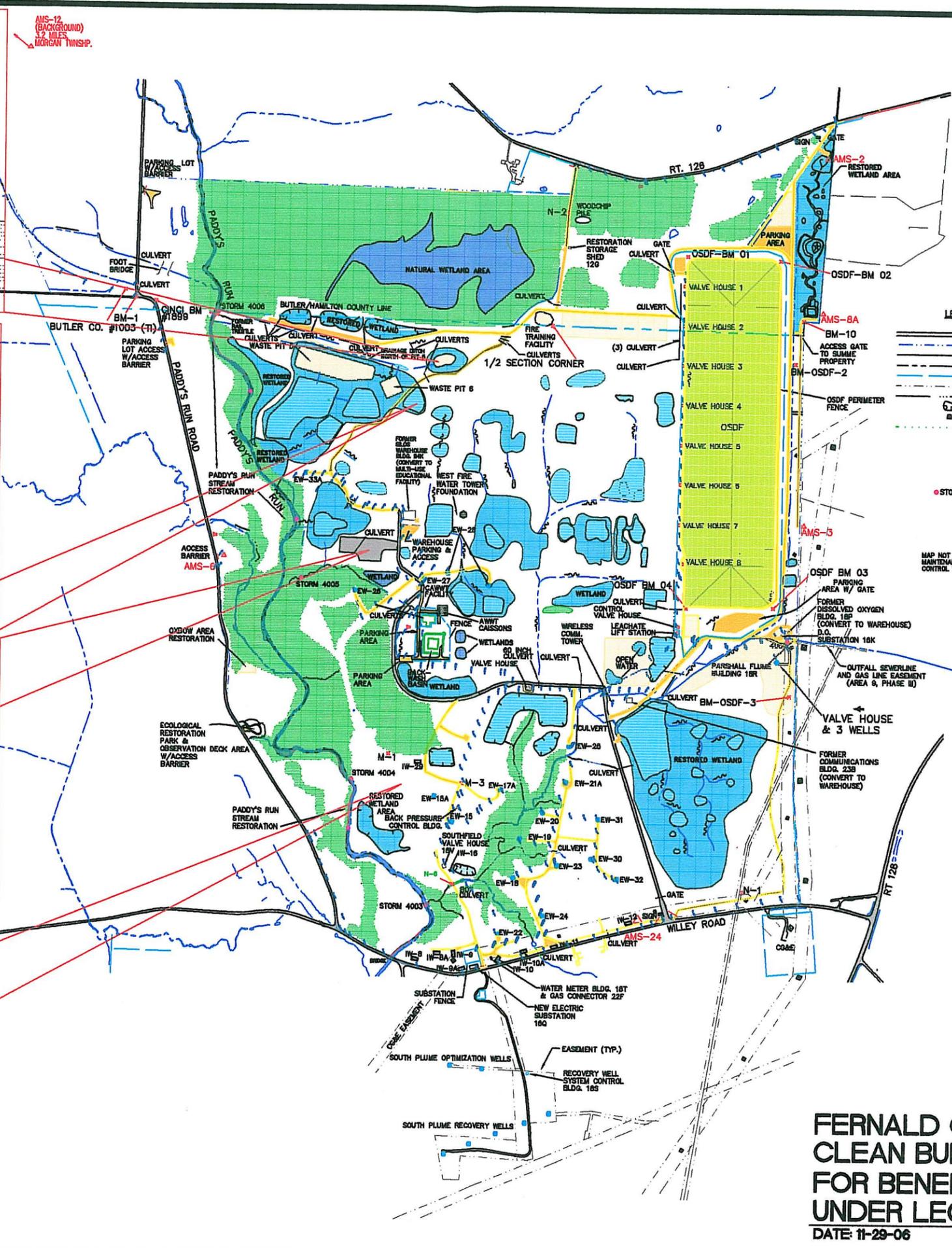
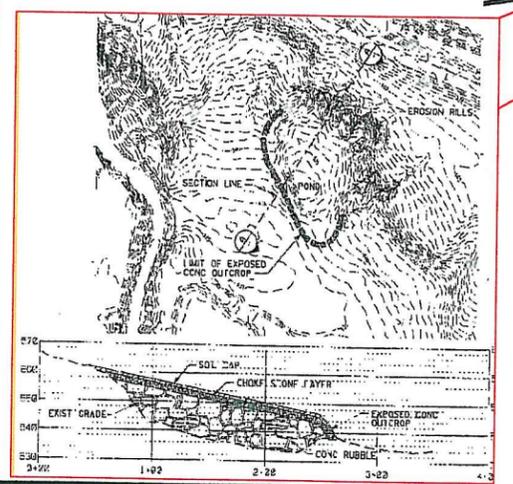
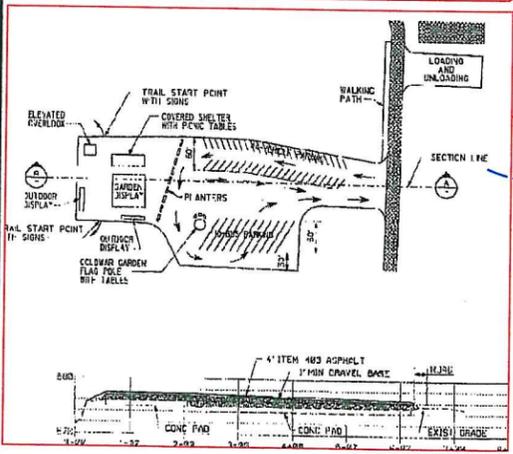
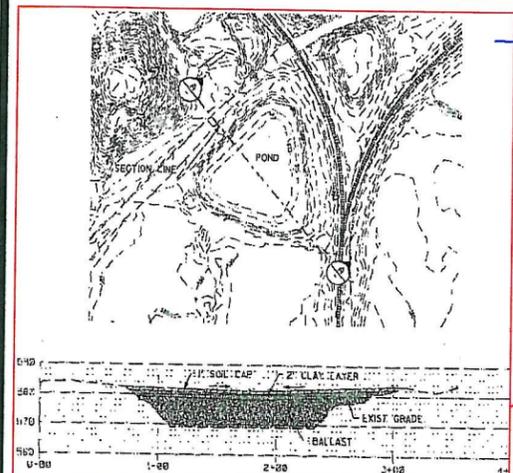
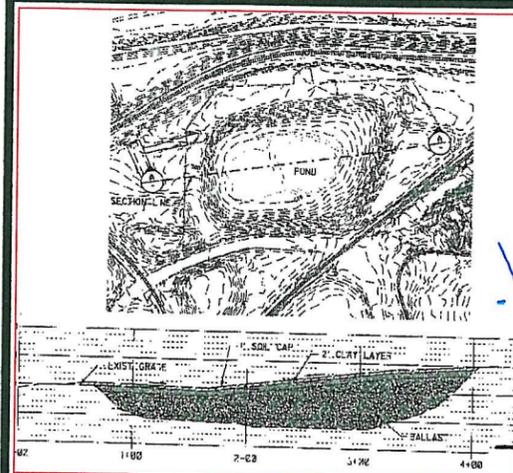
DOE Signature: _____

Fluor Fernald Signature: _____

Silos 1& 2 _____ (✓) Silo 3 _____ (✓)		
Criteria	Fluor Fernald Verified (Y/N)	DOE CO Concur (Y/N)
All silo material has been removed, packaged, shipped, and disposed, as reflected in the appropriate shipping manifest		
Silos 1 & 2 debris has been removed, shipped and disposed of as reflected in the manifests		

Documents & Letters Supporting Completion Declaration:

Document	Approval Date

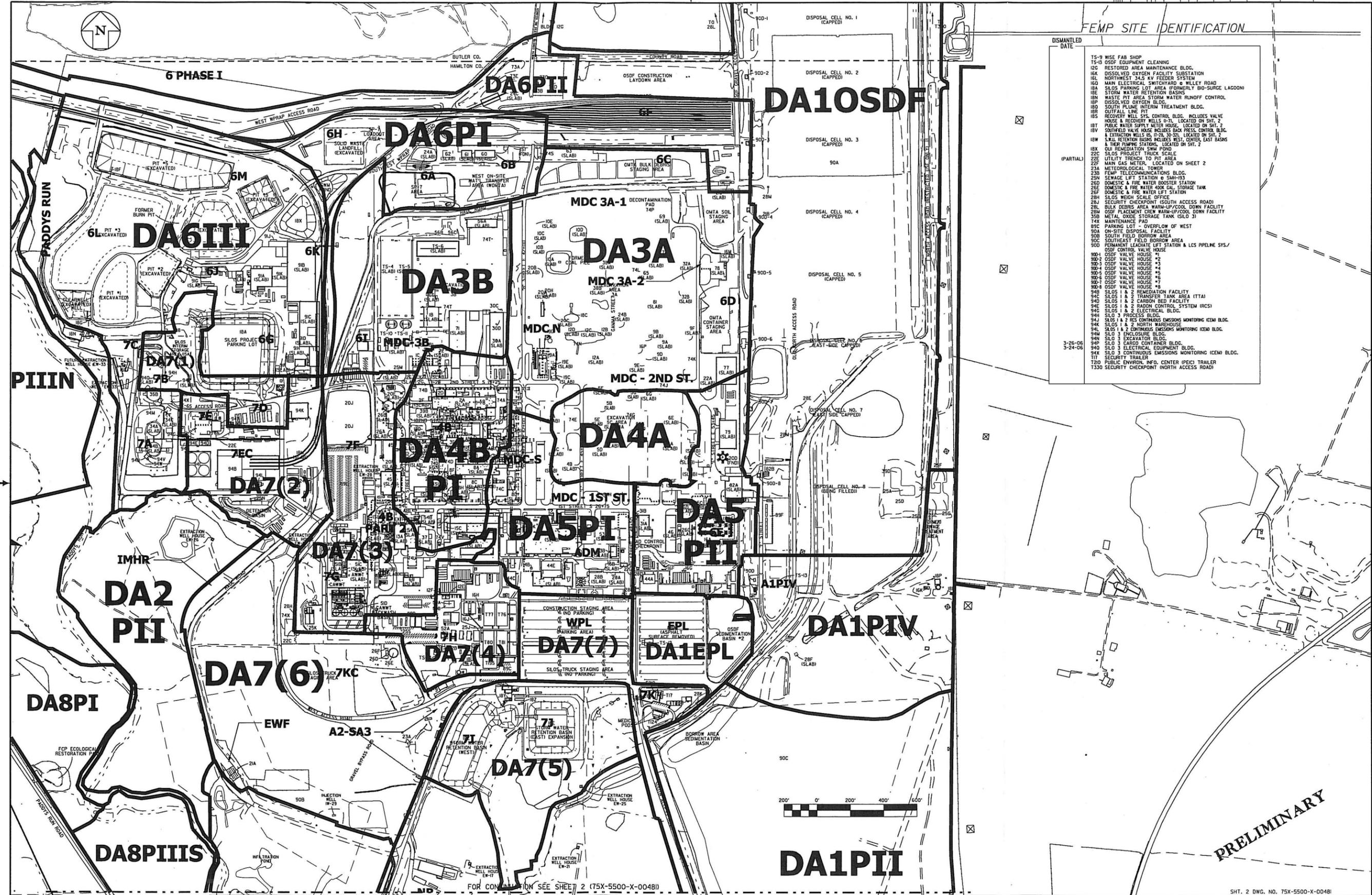


- LEGEND**
- ROAD
 - PROPERTY LINE
 - WET LANDS
 - EDGE OF CREEK
 - FENCE LINE
 - EASEMENT
 - WATER FLOW
 - PONDS/WETLANDS
 - TRANSMISSION TOWER
 - TREE LINE
 - EXTRACTION WELL HOUSE
 - POLE
 - AIR MONITORING STATION
 - GPS BENCH MARK
 - REGULATED STORMWATER OUTFALLS
 - INJECTION WELL (WELL & CASING ONLY TO REMAIN)
 - EMERGENCY WARNING SIREN
 - ACCESS BARRIER
 - FIRE HYDRANT
- WOODED AREA
 - PONDED WATER
 - WET LANDS
 - GRAVEL ROADS/PARKING AREAS
 - ASPHALT ROADS
 - UNIMPROVED "PATH-LIKE" ROADS
 - ON SITE DISPOSAL FACILITY
 - NATURAL WETLAND AREA
 - RESTORED WETLAND AREA
 - CLEAN FOUNDATIONS LEFT IN PLACE
 - ADDITIONAL AREAS WHERE BALLAST AND STONE IS SUBSURFACE WITH VEGETATIVE COVER EXCEPT IN RIPARIAN AREAS

MAP NOT INTENDED TO SHOW ALL CULVERTS, GUARD RAILS, DEER FENCE, BOLLARDS, PARKING STOPS AND PULL OFFS, MAINTENANCE ACCESS PARKING AREAS AND ASSOCIATED ACCESS BARRIERS, FENCE SIGNAGE, PERMETER SIGNAGE, SURFACE WATER CONTROL WEIRS, OR DITCH REPAIR LOCATIONS.



**FERNALD CLOSURE PROJECT,
CLEAN BUILDINGS + STRUCTURES
FOR BENEFICIAL REUSE
UNDER LEGACY MANAGEMENT**
DATE: 11-29-06



FEMP SITE IDENTIFICATION

DISMANTLED DATE

- 15-9 WISE FAB SHOP
- 15-3 ODF EQUIPMENT CLEANING
- 12G RESTORED AREA MAINTENANCE BLDG.
- 16K DISSOLVED OXYGEN FACILITY SUBSTATION
- 16L NORTHWEST 34.5 KV FEEDER SYSTEM
- 16D MAIN ELECTRICAL SWITCHYARD @ WILLEY ROAD
- 18A SILOS PARKING LOT AREA (FORMERLY BIO-SURGE LAGOON)
- 18E STORM WATER RETENTION BASINS
- 18N WASTE PIT AREA STORM WATER RUNOFF CONTROL
- 18P DISSOLVED OXYGEN BLDG.
- 18D SOUTH FLUME INTERIM TREATMENT BLDG.
- 18R CUFFALL LINE PIT
- 18S RECOVERY WELL SYS. CONTROL BLDG. INCLUDES VALVE HOUSE & RECOVERY WELLS 8-7L, LOCATED ON SHF. 2
- 18T PUBLIC WATER SUPPLY METER HOUSE, LOCATED ON SHF. 2
- 18V SOUTHFIELD VALVE HOUSE INCLUDES BACK PRESS. CONTROL BLDG. & EXTRACTION WELLS 8-5, 12-2A, 30-5L, LOCATED ON SHF. 2
- 18W S.W. RETENTION BASINS INCLUDES WEST, CENTER, EAST BASINS & THEIR PUMP STATIONS, LOCATED ON SHF. 2
- 18X OLI REMEDIATION SWM POND
- 22C SILOS PROJECT TRUCK SCALE
- 22F UTILITY TRENCH TO PIT AREA
- 22P MAIN GAS METER, LOCATED ON SHEET 2
- 23A METEOROLOGICAL TOWER
- 23B FEMP TELECOMMUNICATIONS BLDG.
- 25N SEWAGE LIFT STATION @ 5M-193
- 26D DOMESTIC & FIRE WATER BOOSTER STATION
- 26E DOMESTIC & FIRE WATER AOK CAL. STORAGE TANK
- 26F DOMESTIC & FIRE WATER LIFT STATION
- 28H SILOS WEIGH SCALE OFFICE
- 28J SECURITY CHECKPOINT (SOUTH ACCESS ROAD)
- 28L BULK DEBRIS AREA WARM-UP/COOL DOWN FACILITY
- 28M ODF PLACEMENT CHW WASH-UP/COOL DOWN FACILITY
- 29D METAL OXIDE STORAGE TANK (SLO 3)
- 74X MAINTENANCE PAD
- 89C PARKING LOT - OVERFLOW OF WEST
- 90A ON-SITE DISPOSAL FACILITY
- 90B SOUTH FIELD BORROW AREA
- 90C SOUTHEAST FIELD BORROW AREA
- 90D PERMANENT LEACHATE LIFT STATION & LGS PIPELINE SYS./ ODF CONTROL VALVE HOUSE
- 90H ODF VALVE HOUSE #1
- 90I ODF VALVE HOUSE #2
- 90J ODF VALVE HOUSE #3
- 90K ODF VALVE HOUSE #4
- 90L ODF VALVE HOUSE #5
- 90M ODF VALVE HOUSE #6
- 90N ODF VALVE HOUSE #7
- 90O ODF VALVE HOUSE #8
- 94B SILOS 1 & 2 REMEDIATION FACILITY
- 94C SILOS 1 & 2 TRANSFER TANK AREA (TTA)
- 94D SILOS 1 & 2 CARBON BED FACILITY
- 94E SILOS 1 & 2 RADON CONTROL SYSTEM (RCS)
- 94G SILOS 1 & 2 ELECTRICAL BLDG.
- 94H SILO 3 PROCESS BLDG.
- 94J SILOS 1 & 2 RCS CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
- 94K SILOS 1 & 2 NORTH WAREHOUSE
- 94L SILOS 1 & 2 CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
- 94M SILO 3 ENCLOSURE BLDG.
- 94N SILO 3 EXCAVATOR BLDG.
- 94P SILO 3 CARDO CONTAINER BLDG.
- 94Q SILO 3 ELECTRICAL EQUIPMENT BLDG.
- 94X SILO 3 CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
- 177 SECURITY TRAILER
- T20 PUBLIC ENVIRON. INFO. CENTER (PEIC) TRAILER
- T330 SECURITY CHECKPOINT (NORTH ACCESS ROAD)

3-26-06
3-24-06

PRELIMINARY

NO.	REVISIONS	DATE	DWN.	BY	APPD.	NO.	REVISIONS	DATE	DWN.	BY	APPD.	NO.	REVISIONS	DATE	DWN.	BY	APPD.	REF. DWG. NO.	
60	SILO 3 ELECTRICAL EQUIP. BLDG. DEMO'D 3-24-06, SILO 3 CARGO CONTAINER BLDG. DEMO'D 3-26-06																		
59	SILOS TEST STAND (1947) DEMO'D 2-23-06, 25L DEMO'D 01-06, 94R DEMO'D 2-28-06																		75X-5500-X-00481

NOTE: FLUOR FERNALD CADD DRAWING, DO NOT REVISE MANUALLY.

CONFIGURATION MANAGEMENT DRAWING

APPROVALS

CIVIL & STR.	SAFETY ENG.
ELECTRICAL	MAINTENANCE
ENGINEER	FIRE PROTECT.
INSTRUMENT	WASTE MANAGE
MECHANICAL	SECURITY
	PROJECTS

DATE: 10/4/06
DRAWN: S.J.SWOCK

Fernald Closure Project

FLUOR FERNALD, INC.

U.S. DEPARTMENT OF ENERGY

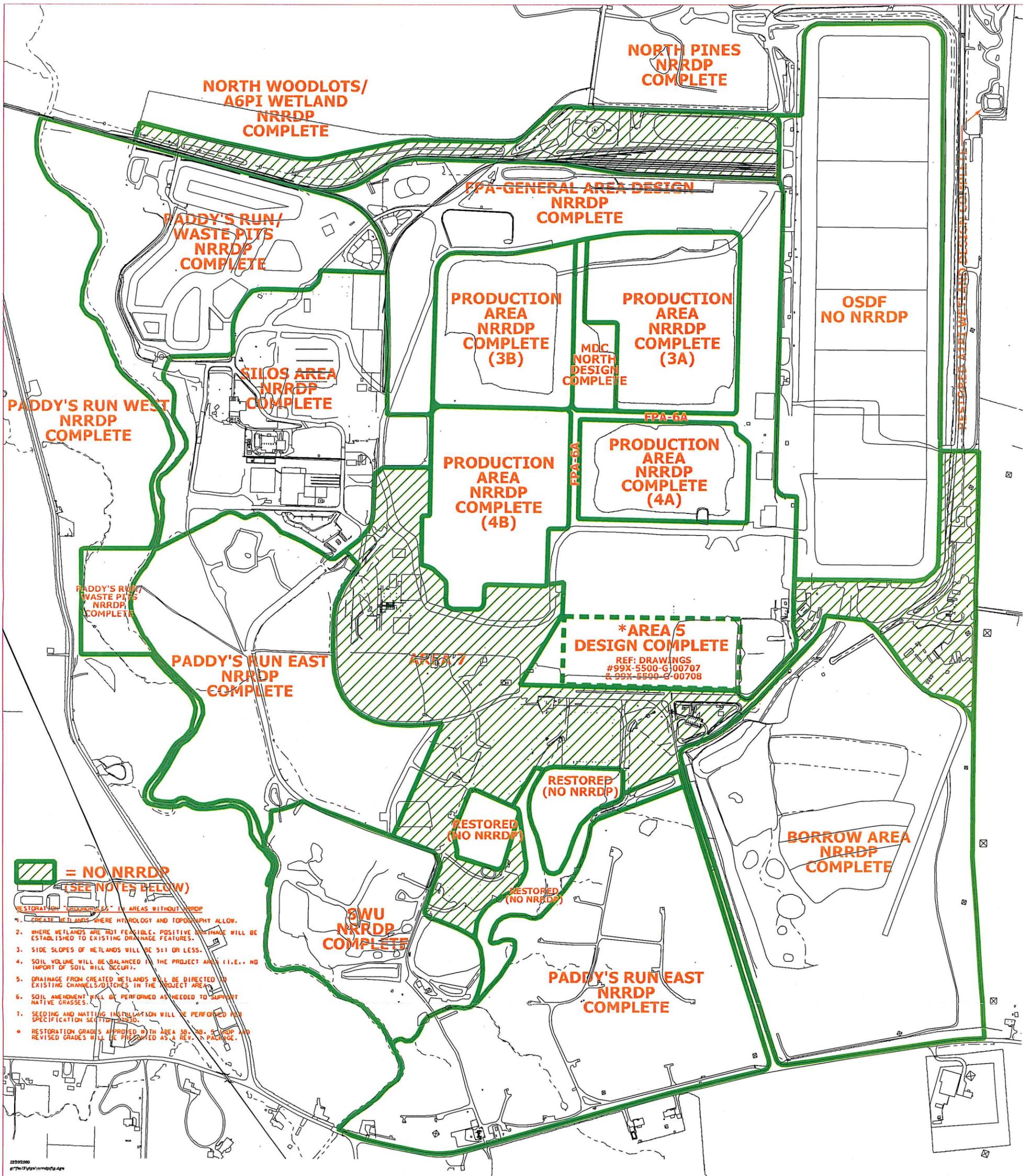
SHEET 1 OF 2

(FORMER) FEMP PRODUCTION AREA SITEMAP

SCALE: 1" = 200'

75X-5500-X-00465 60

FILE NAME: /MAPS/MISC/SITELIST.DGN



**NORTH WOODLOTS/
A6PI WETLAND
NRRDP
COMPLETE**

**NORTH PINES
NRRDP
COMPLETE**

**PADDY'S RUN/
WASTE PITS
NRRDP
COMPLETE**

**FPA-GENERAL AREA DESIGN
NRRDP
COMPLETE**

**PRODUCTION
AREA
NRRDP
COMPLETE
(3B)**

**PRODUCTION
AREA
NRRDP
COMPLETE
(3A)**

**OSDF
NO NRRDP**

**SILOS AREA
NRRDP
COMPLETE**

**MDC
NORTH
DESIGN
COMPLETE**

**PADDY'S RUN WEST
NRRDP
COMPLETE**

FPA-6A

**PRODUCTION
AREA
NRRDP
COMPLETE
(4B)**

**PRODUCTION
AREA
NRRDP
COMPLETE
(4A)**

***AREA 5
DESIGN COMPLETE**
REF: DRAWINGS
#99X-5500-G-00707
& #99X-5500-G-00708

AREA 7

**RESTORED
(NO NRRDP)**

**RESTORED
(NO NRRDP)**

**BORROW AREA
NRRDP
COMPLETE**

**[Hatched Box] = NO NRRDP
(SEE NOTES BELOW)**

- RESTORATION "CONCEPTS" IN AREAS WITHOUT NRRDP**
1. CREATE WETLANDS WHERE HYDROLOGY AND TOPOGRAPHY ALLOW.
 2. WHERE WETLANDS ARE NOT FEASIBLE, POSITIVE DRAINAGE WILL BE ESTABLISHED TO EXISTING DRAINAGE FEATURES.
 3. SIDE SLOPES OF WETLANDS WILL BE 5:1 OR LESS.
 4. SOIL VOLUME WILL BE BALANCED IN THE PROJECT AREA (I.E., NO IMPORT OF SOIL WILL OCCUR).
 5. DRAINAGE FROM CREATED WETLANDS WILL BE DIRECTED TO EXISTING CHANNELS/DITCHES IN THE PROJECT AREA.
 6. SOIL AMENDMENT WILL BE PERFORMED AS NEEDED TO SUPPORT NATIVE GRASSES.
 7. SEEDING AND MATTING INSTALLATION WILL BE PERFORMED PER SPECIFICATION SECTION 0230.
- RESTORATION GRADES APPROVED WITH AREA 30, 39, 5 GROUP AND REVISED GRADES WILL BE PROVIDED AS A REV. PACKAGE.

**SWU
NRRDP
COMPLETE**

**PADDY'S RUN EAST
NRRDP
COMPLETE**