

Fluor Fernald, Inc.
P.O. Box 538704
Cincinnati, OH 45253-8704

FLUOR

February 27, 2006

Fernald Closure Project
Letter No. C:CPD:2006-0010

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-AC24-01OH20115, 2005 HAZARDOUS CHEMICAL INVENTORY FORMS
AND MAPS**

Enclosed are the Calendar Year 2005 Tier 2 Hazardous Tier 2 Chemical Inventory (paper copy and diskette), certification statement, and facility maps for the Fernald Closure Project. This information is required to be submitted in compliance with Section 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986, and the Ohio Administrative Code (OAC) 3750-30.

Copies of the diskette/forms and maps should be submitted to the affected county local emergency and planning commissions (LEPCs - Hamilton and Butler) and a paper copy to the local jurisdictional fire department (Crosby Township).

If you have any questions, please contact Tim Poff at (513) 484-2253.

Sincerely,



Jyh-Dong Chiou, Project Manager
Environmental Closure Project

JDC:TAP:jkp

Enclosures

Mr. Timothy L. Jones, Contracting Officer
Letter No. C:PROJ:2006-0010
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c: With Enclosures

Edward Skintik, DOE-OH/FCP, MS 2
Administrative Record, MS 6
File Record Subject - 2005 SARA 312 Hazardous Chemical Inventory
Letter Log Copy, MS 1

Without Enclosures

Angela Cooney, DOE/EMCBC
Dennis Dalga, MS 52-3
Frank Johnston, MS 12
Con Murphy, MS 1
Timothy Poff, MS 52-3
Dennis Sizemore, Fluor Fernald, Inc. Prime Contract, MS 1

State Emergency Response Commission
c/o Ohio Environmental Protection Agency
Attention: Right-to-Know

-2-

DOE-0080-06

Enclosure

cc w/ enclosure:

Ed Skintik, DOE-OH/FCP, MS2
Administrative Record, MS6

Mr. Don Maccarone
Hamilton County EMA Director
2377 Civic Center Drive
Cincinnati, Ohio 45231

Mr. William Turner
Butler County EMA Director
315 High Street, Suite 670
Hamilton, Ohio 45011

Chief Bruce Downard
Crosby Township Fire Dept.
9139 Baughman Road
Harrison, Ohio 45030
(Paper copy only)

cc: w/o enclosures:

J. Chiou, Fluor Fernald, Inc./MS88
F. Johnston, Fluor Fernald, Inc./MS12
C. Murphy, Fluor Fernald, Inc./MS1
T. Poff, Fluor Fernald, Inc./MS52-3



Department of Energy

**Ohio Field Office
Fernald Closure Project
175 Tri-County Parkway
Springdale, Ohio 45246
(513) 648-3155**



FEB 27 2006

State Emergency Response Commission
c/o Ohio Environmental Protection Agency
Attention: Right-to-Know
Lazarus Government Center
P.O. Box 1049
122 South Front Street
Columbus, Ohio 43216-1049

DOE-0080-06

Dear Sir or Madam:

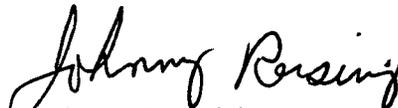
2005 HAZARDOUS CHEMICAL INVENTORY FORMS AND MAPS

Enclosed are the Calendar Year 2005 Hazardous Chemical Inventory Tier 2 diskette, certification statement, and facility maps for the Fernald Closure Project. This information is being provided to you in compliance with Section 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986, and the Ohio Administrative Code (OAC) 3750-30.

Copies of the diskette/forms and maps are also being submitted to the affected county local emergency and planning commissions (LEPCs - Hamilton and Butler) and the local jurisdictional fire department (Crosby Township) as required.

If you have any questions, please contact Edward Skintik at (513) 246-1369.

Sincerely,


Johnny W. Reising
Director

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2005

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Printed: February 27, 2006

Facility Name: Fernald Closure Project

FACILITY IDENTIFICATION:

Fernald Closure Project
Dept:
7400 Willey Road
Hamilton, OH 45013 USA
County: Hamilton/Butler
Number of employees: 1300
Latitude: 39.3155
Longitude: 84.6878
MAILING ADDRESS: U. S. DOE, Ohio Field Office - Fernald Closure Project, 175 Tri County Parkway
Cincinnati, OH 45246 USA

IDENTIFICATION NUMBERS:

NAICS: 562910
Dun & Bradstreet: 14-804-1973
SIC: 8744

CONTACT INFORMATION:

Downard, Bruce
Title: Chief Contact Type 1: Fire Department
Address: Crosby Township Fire Dept., 9139 Baughman Road, Harrison, OH, 45030 USA
Phones: Work: 513-738-1831

Wentzel, Steve
Title: Silos Project - Safety and Health Manager Contact Type 1: Emergency Contact
Address: 7400 Willey Road, Hamilton, OH, 45013-9402 USA
Phones: Work: 513-648-4289 Beeper - Pager: 513-303-3126 FAX: 513-648-5234
Email: steve.wentzel@fernald.gov

Fluor Fernald, Inc.,
Title: Assistant Emergency Duty Officer Contact Type 1: Emergency Contact
Address: 7400 Willey Road, Hamilton, OH, 45013-9402 USA
Phones: 24-hour: 513-484-6511 24-hour: 513-4842295

Skintik, Edward
Title: Environmental Engineer Contact Type 1: Regulatory Point of Contact Contact Type 2: Owner / Operator
Address: U. S. DOE, Ohio Field Office - Fernald Closure Project, 175 Tri County Parkway, Cincinnati, OH, 45246 USA
Phones: Work: 513-246-1369 Mobile - Cell: 513-312-8806
Email: edward.skintik@fernald.gov

CHEMICAL DESCRIPTIONS:

[] All chemicals in inventory are identical to last year's submission

CHEM NAME: ACTIVATED CARBON
CAS:

Tier Two

Reporting Period: January 1 to December 31, 2005

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 198000 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 198000 pounds Avg Daily Amt code: 05 (100,000 - 999,999 pounds)

Max quantity in largest container: 90000 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: C Pressure: 1 Temp: 4 Location: Tank (now gone) in B51A Amount: 6000 pounds

Container Type: C Pressure: 1 Temp: 4 Location: Tank (now gone) in B51A Amount: 6000 pounds

Container Type: C Pressure: 1 Temp: 4 Location: Tank (now gone) in B51A Amount: 6000 pounds

Container Type: R Pressure: 1 Temp: 4 Location: B94D - Silos Radon Control Carbon Bed Facility (sealed concrete

facility) Amount: 180000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: ALUMINUM SULFATE

CAS: 10043-01-3

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 10043-01-3, Component: Aluminum Sulfate, 28% Wt EHS, CAS: . Component: Water, 72% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 86720 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 43360 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 86720 pounds

No. of days on-site: 180

STORAGE CODES & STORAGE LOCATIONS:

Container Type: C Pressure: 1 Temp: 4 Location: Tank (now gone) in B51A Amount: 86720 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: BENTONITE

CAS: 1302-78-9

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 14808-60-7, Component: Crystalline Quartz, 4% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 85780 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 34830 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 50 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Reporting Period: January 1 to December 31, 2005

Tier Two

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

STORAGE CODES & STORAGE LOCATIONS:

Container Type: J Pressure: 1 Temp: 4 Location: A-1 Material staging area S of On Site Disposal Facility Cell 8
Amount: 37750 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-4 Sealand next to Trailer 204 W of Storm Water Retention Basin
Amount: 4800 pounds

Container Type: E Pressure: 1 Temp: 4 Location: A-4 Sealand next to Trailer 204 W of Storm Water Retention Basin
Amount: 500 pounds

Container Type: E Pressure: 1 Temp: 4 Location: A-3 Sealand No. 3 near SW corner of Cell 8 Amount: 1680
pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-3 Sealand No. 3 near SW corner of Cell 8 Amount: 250 pounds

Container Type: J Pressure: 1 Temp: 4 Location: B94K ground floor (no longer stored at this location) Amount:
27000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: B94S (now gone) Amount: 9000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-5 Around Monitoring Well W of Pit 3 Amount: 2400 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: CALCIUM CHLORIDE

CAS: 10043-52-4

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 10476-85-4, Component: Strontium Chloride, 1% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 129600 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 60000 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 800 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: E Pressure: 1 Temp: 4 Location: U - Buckets of De-Icer Located near office trailers, steps, walkways
throughout site Amount: 49600 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-6 Storage pad E of B94K (50 pound bags on skids) Amount:
20000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-3 Material staging area on old E street S of ramp to Cell 8 (50
pound bags on skids) Amount: 20000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-2 Material staging area S of Trailer 139 (50 pound bags on skids)
Amount: 20000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: A-7 Material staging area N of B94B (50 pound bags on skids)
Amount: 20000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: CALCIUM OXIDE (LIME)

CAS: 1305-78-8

 Identical to previous year

Tier Two

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Facility Name: Fernald Closure Project

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 151200 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 75600 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 1200 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: J Pressure: 1 Temp: 4 Location: B51A Room 1 Ground Floor (1200 pound bags) Amount: 7200 pounds

Container Type: R Pressure: 1 Temp: 4 Location: A-3 Material staging area on Old E Street S of ramp to Cell 8 (1200 pound bags) Amount: 144000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: CEMENT

CAS: 65997-15-1

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 7778-18-9, Component: Gypsum, 5% Wt EHS, CAS: 14808-60-7, Component: Quartz, .2% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 57200 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 30000 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 50000 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 1 Temp: 4 Location: T-9 Cement Silo N side of B94B Amount: 50000 pounds

Container Type: J Pressure: 1 Temp: 4 Location: B94K Warehouse Room 1 Ground Floor Amount: 7200 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: CONCRETE ADDITIVE - CARBOXYLATED POLYMER

CAS:

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: , Component: Polycarboxylated Polymer, 50% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 10200 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 8500 pounds Avg Daily Amt code: 03 (1,000 - 9,999 pounds)

Max quantity in largest container: 8500 pounds

Tier Two

Reporting Period: January 1 to December 31, 2005

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

Max quantity in largest container: 8500 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: O Pressure: 1 Temp: 4 Location: B94B Room 2 Ground Floor (Cold Chemical Room) - Plastic Tote
 Amount: 1700 pounds

Container Type: C Pressure: 1 Temp: 4 Location: C94B2 in B94B Room 2 Ground Floor (Cold Chemical Room) - Poly
 Tank Amount: 8500 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: DIESEL FUEL

CAS: 68476-34-6

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 68334-30-5, Component: Diesel Oil, 99% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 146608 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 89080 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 20400 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 1 Temp: 4 Location: T1 E of Trailer 139 Amount: 3400 pounds

Container Type: A Pressure: 1 Temp: 4 Location: T2 E of On Site Disposal Facility Cell 7 Amount: 6800 pounds

Container Type: A Pressure: 1 Temp: 4 Location: T3 S of Security Hill E of Main Access Gate Amount: 3400 pounds

Container Type: A Pressure: 1 Temp: 4 Location: T7 at Mechanics Line Amount: 6800 pounds

Container Type: A Pressure: 1 Temp: 4 Location: T8 E of Field Decon Area W of BSL parking lot Amount: 6800

pounds

Container Type: C Pressure: 1 Temp: 4 Location: C26 in B26D (Fire Protection Tank Pump House) Amount: 680

pounds

Container Type: C Pressure: 1 Temp: 4 Location: C94B Tank in base of Emergency Generator S of B-94C Amount:

20400 pounds

Container Type: C Pressure: 1 Temp: 4 Location: C94G Tank in base of Emergency Generator N of B-94G Amount:

20400 pounds

Container Type: C Pressure: 1 Temp: 4 Location: Tank in base of Emergency Generator that was located N of B94A

(now gone) Amount: 3128 pounds

Container Type: R Pressure: 1 Temp: 4 Location: Tank on fuel truck Amount: 3400 pounds

Container Type: R Pressure: 1 Temp: 4 Location: Tank in bed of pickup truck Amount: 3400 pounds

Container Type: A Pressure: 1 Temp: 4 Location: Tank N of B93A (now gone) Amount: 68000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: FERROUS SULFATE HEPTAHYDRATE

CAS: 7782-63-0

 Identical to previous year TRADE SECRET

Tier Two

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

 TRADE SECRET Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 33000 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 15000 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 33000 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: C Pressure: 1 Temp: 4 Location: C94P Tank in B94P Amount: 33000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: FLOCCULANTS

CAS: 64742-47-8

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 13855 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 6928 pounds Avg Daily Amt code: 03 (1,000 - 9,999 pounds)

Max quantity in largest container: 465 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: O Pressure: 1 Temp: 4 Location: B94B Room 2 Ground Floor (Cold Chemical Room) Amount: 2300 pounds

Container Type: C Pressure: 1 Temp: 4 Location: B94B Room 2 - Tank (now gone) Amount: 10200 pounds

Container Type: E Pressure: 1 Temp: 4 Location: B51A Room 1 Ground Floor Amount: 930 pounds

Container Type: E Pressure: 1 Temp: 4 Location: B94B Room 2 Ground Floor (Cold Chemical Room) Amount: 425 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: FLYASH

CAS: 68131-74-8

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: , Component: Potassium Oxide, % EHS, CAS: , Component: Sodium Oxide, % EHS, CAS: , Component: Sulfur Trioxide, % EHS, CAS: , Component: Crystalline Silica, %

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 33200 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 20000 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 30000 pounds

No. of days on-site: 366

Tier Two
 Emergency and Hazardous Chemical Inventory
 Specific Information by Chemical

Reporting Period: January 1 to December 31, 2005
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 Printed: February 27, 2006

Facility Name: Fernald Closure Project

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 1 Temp: 4 Location: T-10 Flyash Silo N of B94B Amount: 30000 pounds
 Container Type: J Pressure: 1 Temp: 4 Location: B94K Warehouse Room 1 Ground Floor Amount: 3200 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: MINERAL OIL/LUBRICANTS

CAS:

Identical to previous year
 TRADE SECRET
 Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 259275 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)
 Avg Amt: 257750 pounds Avg Daily Amt code: 05 (100,000 - 999,999 pounds)
 Max quantity in largest container: 375 pounds
 No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: E	Pressure: 1	Temp: 4	Location: B51A Room 1 Ground Floor	Amount: 1425 pounds
Container Type: D	Pressure: 1	Temp: 4	Location: B24C ground floor (now gone)	Amount: 3300 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Transformer A (now gone)	Amount: 60000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Transformer B (now gone)	Amount: 60000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Transformer C (now gone)	Amount: 60000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Tap Changer A (now gone)	Amount: 3000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Tap Changer B (now gone)	Amount: 3000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Substation Tap Changer C (now gone)	Amount: 3000 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker A1 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker A2 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker A3 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker B1 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker B2 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker B3 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker C1 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker C2 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst Circuit Breaker C3 (now gone)	Amount: 6700 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst CGE1 (now gone)	Amount: 750 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst CGE2 (now gone)	Amount: 750 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst CGE3 (now gone)	Amount: 750 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst CGE4 (now gone)	Amount: 750 pounds
Container Type: R	Pressure: 1	Temp: 4	Location: Main Subst CGE5 (now gone)	Amount: 750 pounds
Container Type: D	Pressure: 1	Temp: 4	Location: Drums stored on pallet adjacent to T8 E of BSL Parking Lot	Amount: 1500 pounds

Amount: 1500 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

Location is confidential Fee classification for this reported substance: Hazardous Chemical

Tier Two

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

CHEM NAME: PULVERIZED LIMESTONE

CAS: 16389-88-1

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 14808-60-7, Component: Crystalline Silica, 1% Wt

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 400000 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 200000 pounds Avg Daily Amt code: 05 (100,000 - 999,999 pounds)

No. of days on-site: 150

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: Pile on ground floor of Silos Test Stand Bldg. (B94T) - now gone

Amount: 400000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

CHEM NAME: QUIK SOLID ABSORBENT

CAS:

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

CHEMICAL COMPONENTS:

 EHS, CAS: 76774-25-9, Component: Sodium Polyacrylate, crosslinked, % EHS, CAS: 79-10-7, Component: Acrylic Acid, % EHS, CAS: 7732-18-5, Component: Water, %

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 95320 pounds Max Daily Amt code: 04 (10,000 - 99,999 pounds)

Avg Amt: 50000 pounds Avg Daily Amt code: 04 (10,000 - 99,999 pounds)

Max quantity in largest container: 1830 pounds

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: J Pressure: 1 Temp: 4 Location: BSL-1 SeaLand Container SE of B94B - 1830 pound bags

Amount: 7320 pounds

Container Type: J Pressure: 1 Temp: 4 Location: B94B Room 1 (Loadout Bay) ground floor - 44 pound bags

Amount: 88000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential Fee classification for this reported substance: Hazardous Chemical

Tier Two

Reporting Period: January 1 to December 31, 2005

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Specific Information by Chemical

Printed: February 27, 2006

Facility Name: Fernald Closure Project

CHEM NAME: SODIUM CHLORIDE

CAS: 7647-14-5

 Identical to previous year TRADE SECRET Pure Mix Solid Liquid Gas EHS

PHYSICAL & HEALTH HAZARDS:

 Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)

INVENTORY:

Max Amt: 300000 pounds Max Daily Amt code: 05 (100,000 - 999,999 pounds)

Avg Amt: 150000 pounds Avg Daily Amt code: 05 (100,000 - 999,999 pounds)

No. of days on-site: 366

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: A-9 Salt Pile at Security Hill near Main Access Amount: 200000 pounds

Container Type: R Pressure: 1 Temp: 4 Location: A-8 Salt Pile at BSL parking lot Amount: 100000 pounds

CHEMICALS IN INVENTORY STATE FIELDS: Ohio requests the following:

 Location is confidential

Fee classification for this reported substance: Hazardous Chemical

FACILITY STATE FIELDS:

Ohio requests the following:

 Initial Filing (First Time Filer) Updated Filing Annual Filing Facility Name has changed Confidential Location Forms Included Owner / Operator has changed

Name of previous parent company/owner (if known):

Site or Operating Division Name: Fernald Closure Project

Name of previous facility name (if known):

Total EHS Chemicals Included: 0

Number of Chemicals Included: 15

Requested Contact: Fire Dept, 2nd Emergency Contact

Requested Contact: Regulatory POC, Emergency Contact email & fax

STATE / LOCAL FEES: \$450

 I have attached a site plan I have attached a list of site coordinate abbreviations I have attached a description of dikes and other safeguard measures

NOTES: The Fernald Closure Project is in the final stages of a CERCLA site remediation. Most of the approximately 230 buildings and other structures related to the former production activities at the site have been torn down. Thirty-nine more were removed in 2005. A number of the chemical storage locations reported in last year's SARA 312 Report were among those that were removed. Chemicals used/stored in those locations have been consumed in performing site activities, excessed, sold, disposed of, or moved. This has resulted in a reduction from the 20 chemicals reported last year to 15 chemicals reported as exceeding a threshold this year.

Tier Two

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Facility Name: Fernald Closure Project

Certification (Read and sign after completing all sections)

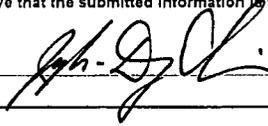
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 10, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

J. D. Chiou, Environmental Closure Project Director

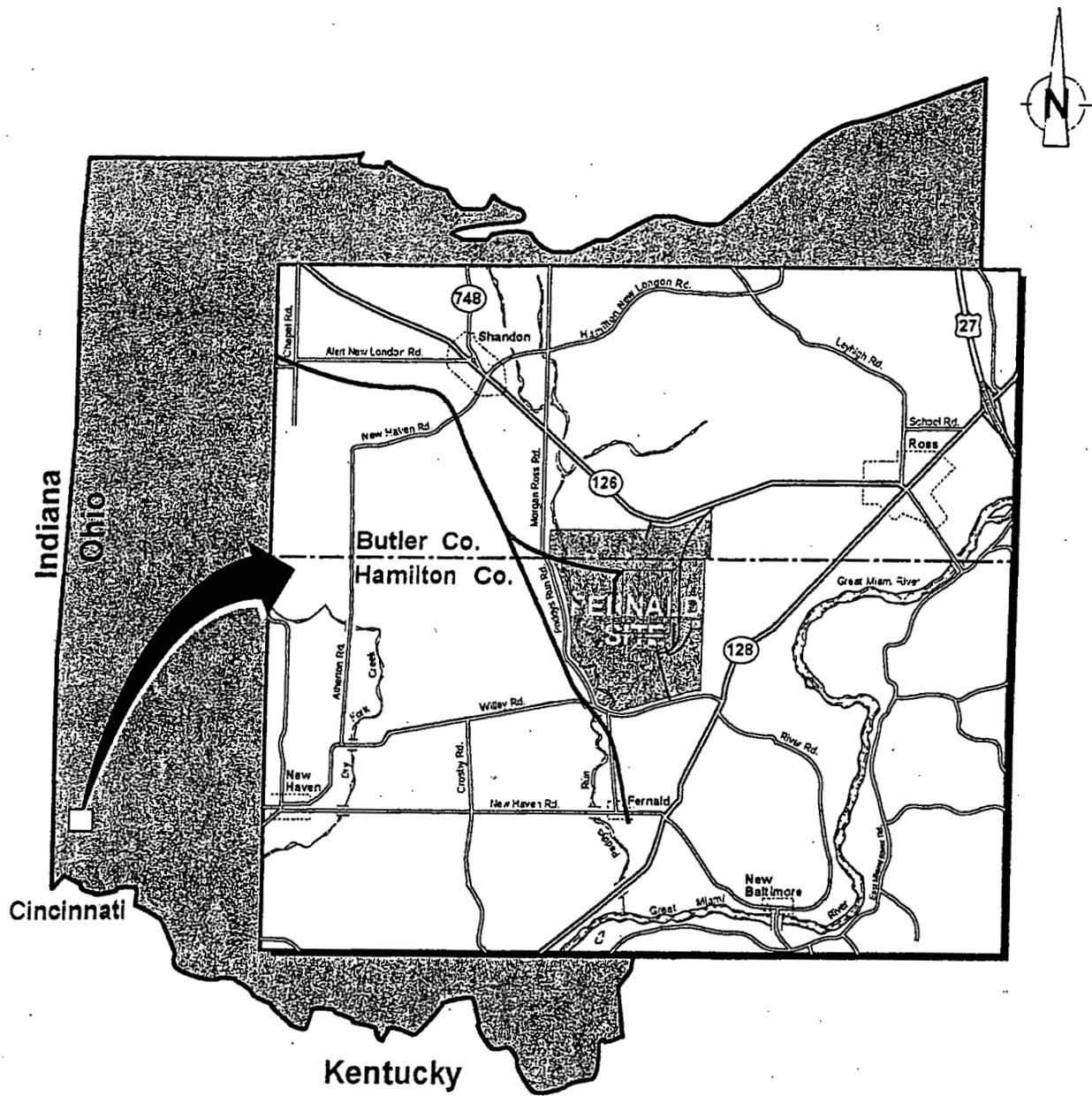
2/27/2006

Name and official title of owner/operator
OR owner/operator's authorized representative

Signature

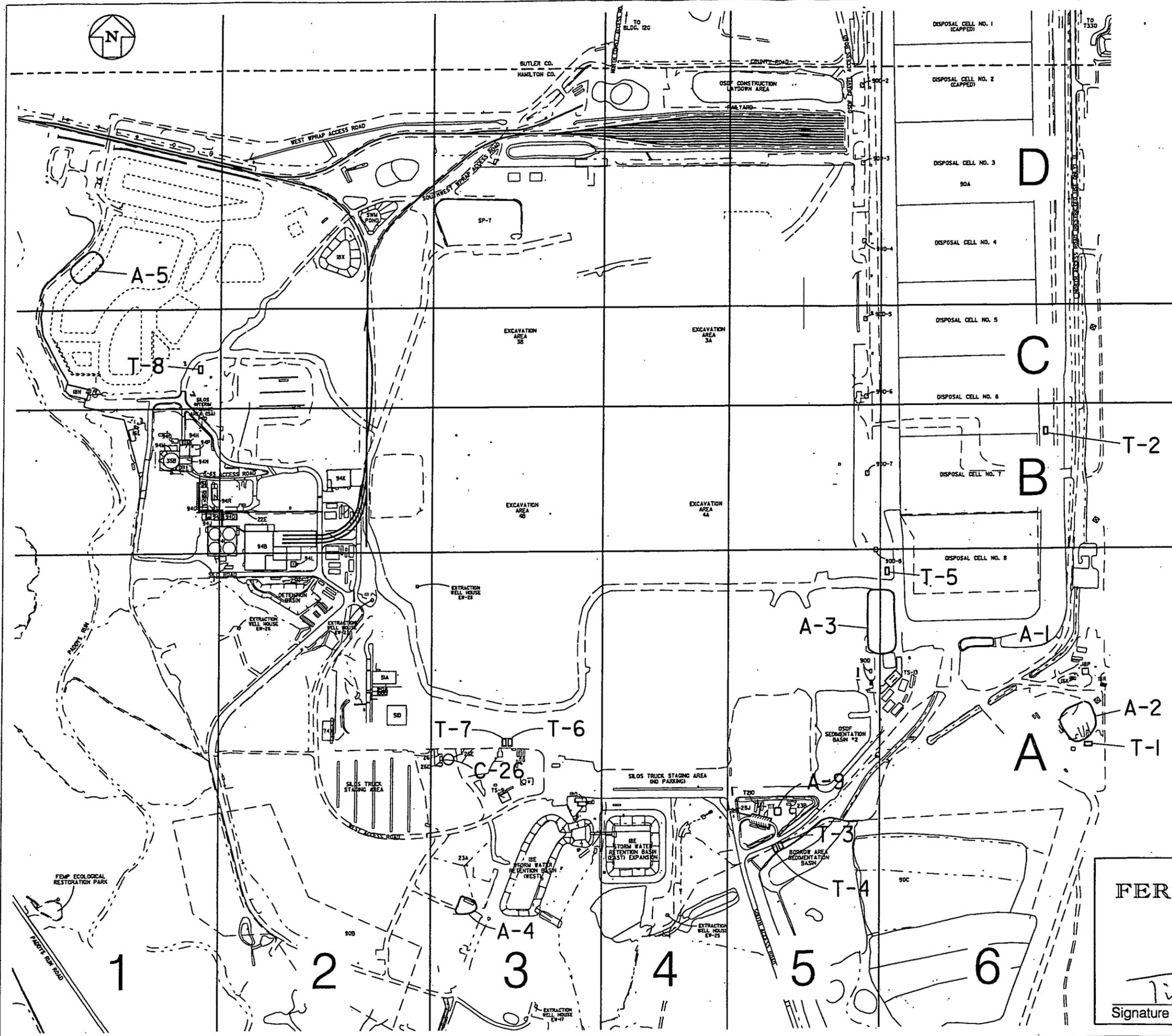


Date signed



The Fernald site covers about 1,050 acres (425 hectares).

Fernald Site and Vicinity



FEMP SITE IDENTIFICATION

DISMANTLED DATE	DESCRIPTION
TS-9	WIFE FAB SHOP
TS-0	MAINTENANCE SHOP
EC-0	RESTORED AREA MAINTENANCE BLDG.
84	DISSOLVED OXYGEN FACILITY SUBSTATION
85	STORM WATER RETENTION BASINS
86	DISSOLVED OXYGEN BLDG.
87	SOUTH PLUME INTERIM TREATMENT BLDG.
88	OUTFALL LINE PIT
89	RECOVERY WELL SYS. CONTROL BLDG. INCLUDES VALVE HOUSE & RECOVERY WELLS #7-9. LOCATED ON SHT. 2
90	PUBLIC WATER SUPPLY METER HOUSE. LOCATED ON SHT. 2
91	SOX GAL. HOLDING TANK ALSO INCLUDES INJECTION WELLS #12, 13, 20. LOCATED ON SHT. 2
92	SOUTHFIELD VALVE HOUSE INCLUDES GASK PRESS. CONTROL BLDG. & EXTRACTOR WELLS #5, #7-25, 30-32. LOCATED ON SHT. 2
93	SOX RETENTION BASINS INCLUDES WEST, CENTER, EAST BASINS & TRAP PUMPING STATIONS. LOCATED ON SHT. 2
94	SOX REGENERATION SWM POND
22C	SILOS PROJECT TRUCK SCALE
22E	UTILITY TRENCH TO PIT AREA
23A	METEOROLOGICAL TOWER
23B	FEMP TELECOMMUNICATIONS BLDG.
24C	MAIN ELECTRICAL SUBSTATION RISER HOUSE
24D	DOMESTIC & FIRE WATER BOOSTER STATION
25E	DOMESTIC & FIRE WATER 4000 GAL. STORAGE TANK
25F	DOMESTIC & FIRE WATER LIFT STATION
25H	SILOS WEIGH SCALE OFFICE
28J	SECURITY CHECKPOINT (SOUTH ACCESS ROAD)
35B	METAL OXIDE STORAGE TANK (SLO 3)
51A	CONVERTED ADVANCED WASTEWATER TREATMENT FACILITY (CAWTF)
51D	CANNY BACKWASH BASIN
74X	MAINTENANCE PAD
80A	ON-SITE DISPOSAL FACILITY
90B	SOUTH FIELD BORROW AREA
90C	SOUTHEAST FIELD BORROW AREA
90D	PERMANENT LEADWATE LIFT STATION & LCS PIPELINE SYS./OSDF CONTROL VALVE HOUSE
90E-1	OSDF VALVE HOUSE #1
90E-2	OSDF VALVE HOUSE #2
90E-3	OSDF VALVE HOUSE #3
90E-4	OSDF VALVE HOUSE #4
90E-5	OSDF VALVE HOUSE #5
90E-6	OSDF VALVE HOUSE #6
90E-7	OSDF VALVE HOUSE #7
90E-8	OSDF 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)
94F	SILOS 1 & 2 ELECTRICAL BLDG.
94H	SILOS 3 PROCESS BLDG.
94J	SILOS 1 & 2 RES. CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
94K	SILOS 1 & 2 NORTH WAREHOUSE
94L	SILOS 1 & 2 CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
94M	SILOS 3 ENCLOSURE BLDG.
94N	SILOS 3 ELEVATOR BLDG.
94P	SILOS 3 CARGO CONTAINER BLDG.
94Q	SILOS 3 ELECTRICAL EQUIPMENT BLDG.
94R	SILOS 1 & 2 HIGH PRESS. PUMP/REATING AIR UTIL. BLDG.
94T	SILOS 1 & 2 TEST STAND
94X	SILOS 3 CONTINUOUS EMISSIONS MONITORING (CEM) BLDG.
TIT	SECURITY TRAILER
T24	RADIOING TRAILER
T20	PUBLIC ENVIRON. INFO. CENTER (PEIC) TRAILER
T330	SECURITY CHECKPOINT (NORTH ACCESS ROAD)

M-1 BUILDING LOCATION SITEMAP

FERNALD CLOSURE PROJECT

7400 WILLEY ROAD
FERNALD, OHIO 45030

Tim P...
Signature

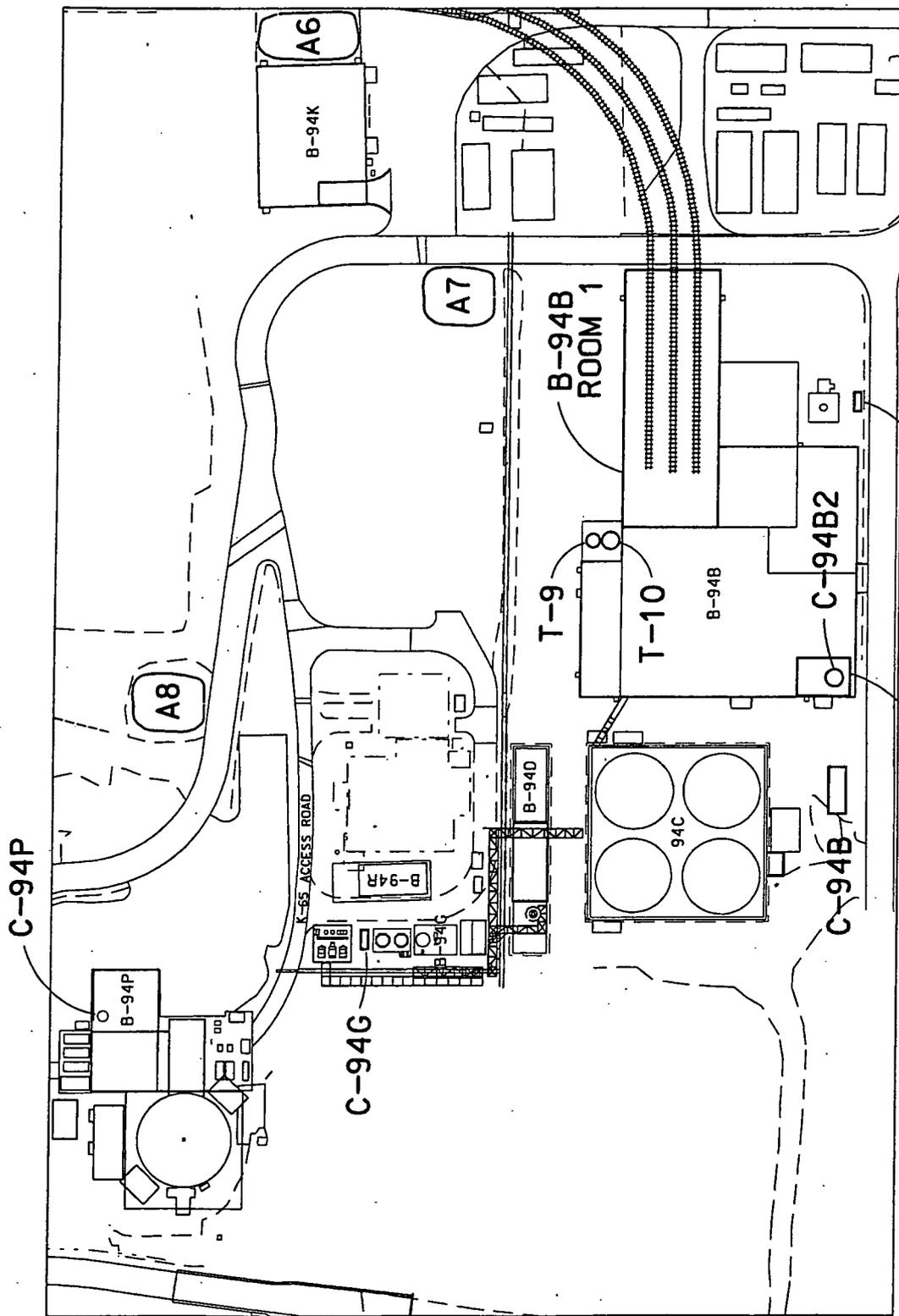
2-27-06
Date



/RES4079/2006M-2.DGN CEP 2/27/06



SARA 312 CHEMICAL STORAGE LOCATIONS



FERNALD CLOSURE PROJECT
 7400 WILLEY ROAD
 FERNALD, OHIO 45030
 GRID LOCATION A-1.2, B-1.2
 SCALE: 1" = 142'

SIGNATURE *Tim Boff*

DATE 2-27-06