



Martha E. Michels
Chief Safety Officer

630.840.3511 (phone)
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02/15/2017

Mr. Michael J. Weis
Site Manager
Fermi Site Office
U. S. Department of Energy
P. O. Box 2000
Batavia, Illinois 60510-5011

2016 HAZARDOUS WASTE REPORT

Dear Mr. Weis,

Enclosed please find an electronic copy of the Hazardous Waste Annual Report for CY 2016. The certification page must be signed and forwarded to the Illinois Environmental Protection Agency (IEPA) at the address below along with our check for the annual fee, electronic data file and hard copies of the comment pages. A hard copy of the entire submission is provided for your records.

Illinois Environmental Protection Agency
Bureau of Land (#24)
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

If you have any questions, please contact Jon Ylinen at ext. 4081.

Sincerely,

Martha E. Michels, Chief Safety Officer

cc: D. Hockin, w/o encl.
B. Iverson, w/o encl.
N. Lockyer, w/o encl.
T. Meyer, w/o encl.

Certification to be submitted with electronic data submissions

Please remember to submit the \$500 fee along with this certification and the electronic files. Please do not submit printed reports.

For Agency Use Only: _ Fee Enclosed _ No Fee Enclosed
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Company USEPA ID number: IL6890030046

Company IEPA ID number: 0890105010

Annual Hazardous Waste Report 2016
Electronic data submission for year:

Form types on the electronic data submission and number of pages for each type:

Form IC: 1 Pages
Form GM: 14 Pages
Form TI: 1 Pages
Form WR: 0 Pages (Receiving facilities only)

The enclosed data files has passed the edits contained in the software.
 The enclosed data file did not pass the edits contained in the software, explanations are included in enclosed comments pages.

COST ESTIMATES FOR FACILITIES, interim status and permitted

A. Closure cost estimate: \$, 241 , 911 . 00

B. Estimate for post closure monitoring and maintenance costs (disposal facilities only):

\$, , .

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached electronic data submission. I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Please print/type:

A. Last name Weis First Name Michael
B. Title Site Manager Fermi Site Office
C. Telephone 630-840-3281 Email address michael.weis@science.doe.gov
D. Signature _____
E. Date of signature _____

The Environmental Protection Agency is authorized to require this information under the Illinois Compiled Statutes (>ILCS@), 1994 as amended, Chapter 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to disclose this information may result in civil and criminal penalties pursuant to 415 ILCS 5/42 and 44. This form has been approved by the Forms Management Center.

Not Validated

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form IC -- Identification and Certification

US. EPA ID: IL6890030046 IL. EPA ID: 0890105010

HAZARDOUS WASTE

RCRA Generator Status: <u>1</u>	<input type="checkbox"/> Transporter of Hazardous Waste <input type="checkbox"/> Transfer Facility (at your site) <input checked="" type="checkbox"/> Treater, Storer, or Disposer of Hazardous Waste <input type="checkbox"/> Recycler of Hazardous Waste (at your site) Exempt Boiler and/or Industrial Furnace: <input type="checkbox"/> Small Quantity On-Site Burner exemption <input type="checkbox"/> Smelting, Melting Refining Furnace exemption <input type="checkbox"/> Underground Injection Control
Generator Activities <input type="checkbox"/> United States Importer of Hazardous Waste <input checked="" type="checkbox"/> Mixed Waste(hazardous&radioactive) Generator	Universal Waste Activities <input checked="" type="checkbox"/> Large Quantity Handler (5000 kg) <input type="checkbox"/> Managed Batteries <u>X</u> Pesticides <u> </u> Mercury Containing Equipment <u>X</u> Lamps <u>X</u> <input type="checkbox"/> Destination Facility for Universal Waste
Used Oil Activities <input type="checkbox"/> Used Oil Transporter <input type="checkbox"/> Used Oil Transfer Facility <input type="checkbox"/> Used Oil Processor <input type="checkbox"/> Used Oil Re-refiner <input type="checkbox"/> Off-Specification Used Oil Burner <input type="checkbox"/> Marketer Who Directs Off-Spec Oil to Burner <input type="checkbox"/> Marketer Who Claims Oil Meets Spec.	NAICS Code(s) for this Location <u>541712</u> <u>0</u> <u>0</u> <u>0</u> Site Land Type: <u>4</u> Owner Type: <u>4</u> Owner Start Date: <u>11/21/1967</u> Operator Type: <u>8</u> Operator Start Date: <u>01/01/2007</u>

Comments: N

Company Contact: MICHAEL, WEIS

Title: C

Phone: 6308403281

IC Page No.: 00001 Passed Validation.

IC Records Passed Validation : 1

IC Records Failed Validation : 0

GM Page No.: 00002 Passed Validation.

GM Page No.: 00003 Passed Validation.

GM Page No.: 00004 Passed Validation.

GM Page No.: 00005 Passed Validation.

GM Page No.: 00006 Passed Validation.

GM Page No.: 00007 Passed Validation.

GM Page No.: 00008 Passed Validation.

GM Page No.: 00009 Passed Validation.

GM Page No.: 00010 Passed Validation.

GM Page No.: 00011 Passed Validation.

GM Page No.: 00012 Passed Validation.

GM Page No.: 00013 Passed Validation.

GM Page No.: 00014 Passed Validation.

GM Page No.: 00015 Passed Validation.

GM Records Passed Validation : 14

GM Records Failed Validation : 0

TI Page No.: 00002 Passed Validation.

TI Records Passed Validation : 1

TI Records Failed Validation : 0

WR Records Passed Validation : 0

WR Records Failed Validation : 0

**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
B.O.L. Inventory Data / Addresses**

US EPA ID: IL6890030046

IL EPA ID: 0890105010

Facility Location

Send Mail Here? Y

Company Name:	FERMI NATIONAL ACCELERATOR LAB		
Telephone:	6308404498	P.O.Box:	500
Street Address:	WILSON RD		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	DAVID HOCKIN		

Owner Address

Send Mail Here? N

Company Name:	US DEPT OF ENERGY		
Telephone:	6308404122	P.O.Box:	2000
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	RICK HERSEMANN		

Operator Address

Send Mail Here? N

Company Name:	FERMI RESEARCH ALLIANCE LLC		
Telephone:	6308404498	P.O.Box:	500
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	DAVID HOCKIN		

Annual Report Mailing Address

Company Name:	US DEPT OF ENERGY (FERMILAB)		
Telephone:	6308403281	P.O.Box:	2000
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	First Name MICHAEL	Last Name WEIS	Title C
Email Address:			

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: MISC. AEROSOLS LAB PACKED
B. EPA Hazardous Waste Code(s) : D001 D035 D039 U080 U226
C. Source Code : G11 D. Form Code : W801 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 7.10 lb/gal .
B. Quantity Generated in Current Reporting Year : 333.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 333.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

IL6 890 030 046 089 01050 10
FERMILAB
WILSON RD
P. O. BOX 500
BATAVIA

IL
60510

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H061, H050

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: **MISC. SMALL QUANTITIES LAB PACKED**
B. EPA Hazardous Waste Code(s) : LABP
C. Source Code : G11 D. Form Code : W001 Management Method : _____
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 7.60 lb/gal .
B. Quantity Generated in Current Reporting Year : 3,667.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0
On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 2,103.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : ILD098642424
C. Management method shipped to : H040
D. Total quantity shipped in this reporting year : 963.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H061, H040

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: ACUTE WASTE LAB PACKED
B. EPA Hazardous Waste Code(s) : P042 P015
C. Source Code : G11 D. Form Code : W004 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 9.00 lb/gal .
B. Quantity Generated in Current Reporting Year : 2.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 1.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : ILD098642424
C. Management method shipped to : H040
D. Total quantity shipped in this reporting year : 1.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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2016 Hazardous Waste Report

COMMENTS:

Section 4, Site 1, C
Management Method H141 - Shipped to Management Method H040

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: **TOXIC COMBUSTIBLE PARTS WASHER SOLUTION**
B. EPA Hazardous Waste Code(s) : D039
C. Source Code : G01 D. Form Code : W211 Management Method : _____
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 6.70 lb/gal .
B. Quantity Generated in Current Reporting Year : 60.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0
On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : ILD000805911
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 60.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : NY DR

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**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H020

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: FLAMMABLE NON-PCB CAPACITORS
B. EPA Hazardous Waste Code(s) : D001
C. Source Code : G15 D. Form Code : W320 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 16.00 lb/gal .
B. Quantity Generated in Current Reporting Year : 24.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : TXD000838896
C. Management method shipped to : H040
D. Total quantity shipped in this reporting year : 24.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: PROPANE

B. EPA Hazardous Waste Code(s) : D001

C. Source Code : G11

D. Form Code : W801

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 4.80 lb/gal .

B. Quantity Generated in Current Reporting Year : 1.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 1.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H050

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE CONCENTRATED ACID FOR ETCHING
B. EPA Hazardous Waste Code(s) : D002
C. Source Code : G04 D. Form Code : W103 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 15.30 lb/gal .
B. Quantity Generated in Current Reporting Year : 3,986.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 4,627.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C
Management Method H141 - Shipped to Management Method H110, H132

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CAUSTIC SOLUTION
B. EPA Hazardous Waste Code(s) : D002
C. Source Code : G04 D. Form Code : W110 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 12.10 lb/gal .
B. Quantity Generated in Current Reporting Year : 60.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 60.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

IL6 890 030 046 089 01050 10
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**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H110, H132

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: TOXIC LEAD CONT. SOLIDS
B. EPA Hazardous Waste Code(s) : D008
C. Source Code : G32 D. Form Code : W002 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 7.90 lb/gal .
B. Quantity Generated in Current Reporting Year : 332.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 251.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

IL6 890 030 046 089 01050 10
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ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H110, H132

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE ACIDIC CLEANING SOLUTION
B. EPA Hazardous Waste Code(s) : D002
C. Source Code : G11 D. Form Code : W119 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 8.70 lb/gal .
B. Quantity Generated in Current Reporting Year : 30.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 30.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 1, D

Waste Form Code: W119 – Aqueous Hydrogen Chloride Solution

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H110, H132

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: TOXIC LEAD CONT. MACHINE COOLANT & WATER
B. EPA Hazardous Waste Code(s) : D008
C. Source Code : G19 D. Form Code : W119 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 8.30 lb/gal .
B. Quantity Generated in Current Reporting Year : 3,212.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 3,212.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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2016 Hazardous Waste Report

COMMENTS:

Section 1, C.

Source Code: G19 - Coolant change out from machine tools i.e., grinders, mills, lathes used to machine metals containing lead.

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H040.

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: FLAMMABLE TOXIC SOLVENT CONT. WIPES/RAGS
B. EPA Hazardous Waste Code(s) : D001 F003 F005
C. Source Code : G19 D. Form Code : W002 Management Method : _____
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 1.00 lb/gal .
B. Quantity Generated in Current Reporting Year : 965.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0
On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 892.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report

COMMENTS:

Section 1, C.

Source Code: G19 - Rags generated from cleaning machined parts, glassware, and bench tops.

Section 4, Site 2, C

Management Method H141 - Shipped to Management Method H061, H050

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL. EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: FLAMMABLE TOXIC FUEL MIXTURE
B. EPA Hazardous Waste Code(s) : D001 D018
C. Source Code : G11 D. Form Code : W219 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 6.80 lb/gal .
B. Quantity Generated in Current Reporting Year : 0.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) N
On-Site System1:Management Method : Quantity managed on-site this year : 0.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H061
D. Total quantity shipped in this reporting year : 20.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report**

COMMENTS:

Section 1, D

Waste Form Code: W219 – Mixture of diesel fuel and gasoline.

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL, EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: MIXED WASTE LEAD CONTAINING ACCELERATOR COMPONENTS
B. EPA Hazardous Waste Code(s) : D008
C. Source Code : G15 D. Form Code : W319 Management Method :
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 10.00 lb/gal .
B. Quantity Generated in Current Reporting Year : 160.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) Y
On-Site System1:Management Method : H142 Quantity managed on-site this year : 160.0
On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? N

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :
C. Management method shipped to :
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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**ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report**

COMMENTS:

Section 1, D

Waste Form Code: W319 – Radioactive accelerator components containing lead.

ILLINOIS Environmental Protection Agency
2016 Hazardous Waste Report
Form TI - Transporter Identification

US EPA ID: IL6890030046 IL EPA ID: 0890105010

1.	U.S. EPA ID N	<u>NJD080631369</u>	Hauling Permit	<u>5176</u>
2.	U.S. EPA ID N	<u>TXR000081205</u>	Hauling Permit	<u>1123</u>
3.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
4.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
5.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
6.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
7.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
8.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>

Comments: N



Martha E. Michels
Chief Safety Officer

630.840.3511 (phone)
630.840.3204 (fax)
martha@fnal.gov

02/15/2017

Mr. Michael J. Weis
Site Manager
Fermi Site Office
U. S. Department of Energy
P. O. Box 2000
Batavia, Illinois 60510-5011

2016 HAZARDOUS WASTE REPORT

Dear Mr. Weis,

Enclosed please find an electronic copy of the Hazardous Waste Annual Report for CY 2016. The certification page must be signed and forwarded to the Illinois Environmental Protection Agency (IEPA) at the address below along with our check for the annual fee, electronic data file, and hard copies of the comment pages. A hard copy of the entire submission is provided for your records.

Illinois Environmental Protection Agency
Bureau of Land (#24)
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

If you have any questions, please contact Jon Ylinen at ext. 4081.

Sincerely,

Martha E. Michels
Chief Safety Officer

cc: D. Hockin, w/o encl.
B. Iverson, w/o encl.
N. Lockyer, w/o encl.
T. Meyer, w/o encl.



Department of Energy

Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

February 21, 2017

Illinois Environmental Protection Agency
Bureau of Land #24
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Sir/Madam:

SUBJECT: HAZARDOUS WASTE ANNUAL REPORT AND PAYMENT OF PERMIT AND INSPECTION FEES FOR 2016, FERMI NATIONAL ACCELERATOR LABORATORY, IEPA # 0890105010

Reference: Letter, from T. Haberer to R. Hersemann, dated December 6, 2016, Subject: Annual Payment of Permit and Inspection Fees, Fermi National Accelerator Laboratory (Fermilab), Batavia, IL IEPA # 0890105010

Enclosed please find an electronic copy of Fermilab's Hazardous Waste Annual Report for 2016 along with hard copies of the certification page and comment pages. Also enclosed is the annual permit and inspection fee report along with check number 994314 for \$500 payable to the "Illinois Environmental Protection Agency" to cover the subject permit and inspection fees.

If you have any questions, please contact Rick Hersemann, of my staff, at (630) 840-4122.

Sincerely,

Michael J. Weis
Site Manager

Enclosures:
As Stated

cc: N. Lockyer, Fermilab, w/o encls.
J. Lykken, Fermilab, w/o encls.
T. Meyer, Fermilab, w/o encls.
M. Michels, Fermilab, w/o encls.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

Division of Land Pollution Control
Annual Payment of Permit and Inspection Fees
Hazardous Waste Management Facility
Storing Hazardous Waste other than in a Surface Impoundment or Pile Report

PI FEES

Site Name: Fermi National Accelerator Laboratory

Site Address:* P.O. Box 500, Kirk and Pine Streets Batavia, IL 60510

IEPA Site Number: 0890105010

Annual Fee Due: \$500.00

Signature: 

Title: Department of Energy - Fermi Site Office Manager

Date: 2/21/2017

*If mailing address is different from the site address, please complete the following:

Company Name: _____

Contact Person: _____

Mailing Address: _____

This agency is authorized to require this information under Illinois Revised Statutes, 1987, as amended by Public Act 85-1343, Section 22.8. Disclosures of this information are required. Failure to do so may result in a civil penalty up to \$10,000 and an additional civil penalty up to \$1,000 for each day the failure continues and imprisonment up to one year. This form has been approved by the Forms Management Center.

4302 N. Main St., Rockford, IL 61103 (815) 987-7760
675 S. State, Elgin, IL 60123 (847) 608-3131
2125 S. First St., Champaign, IL 61820 (217) 278-5800
2009 Mall St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph, Suite 10-300, Chicago, IL 60601 (312) 814-6026

Certification to be submitted with electronic data submissions

Please remember to submit the \$500 fee along with this certification and the electronic files. Please do not submit printed reports.

For Agency Use Only:
_ Fee Enclosed _ No Fee Enclosed

Company USEPA ID number: IL6890030046

Company IEPA ID number: 0890105010

Annual Hazardous Waste Report 2016
Electronic data submission for year:

Form types on the electronic data submission and number of pages for each type:

- Form IC: 1 Pages
- Form GM: 14 Pages
- Form TI: 1 Pages
- Form WR: 0 Pages (Receiving facilities only)

- The enclosed data files has passed the edits contained in the software.
- The enclosed data file did not pass the edits contained in the software, explanations are included in enclosed comments pages.

COST ESTIMATES FOR FACILITIES, interim status and permitted

A. Closure cost estimate: \$, 241 , 911 . 00

B. Estimate for post closure monitoring and maintenance costs (disposal facilities only):

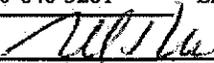
\$, , .

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached electronic data submission. I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Please print/type:

A. Last name Weis First Name Michael
B. Title Site Manager Fermi Site Office
C. Telephone 630-840-3281 Email address michael.weis@science.doc.gov
D. Signature 
E. Date of signature 2/21/2017

The Environmental Protection Agency is authorized to require this information under the Illinois Compiled Statutes (>ILCS@), 1994 as amended, Chapter 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to disclose this information may result in civil and criminal penalties pursuant to 415 ILCS 5/42 and 44. This form has been approved by the Forms Management Center.

THIS CHECK IS VOID WITHOUT A COLORED BORDER AND BACKGROUND PLUS A MICRHY & FINGERPRINT WATERMARK ON THE BACK. HOLD AT ANGLE TO VIEW



FERMI RESEARCH ALLIANCE, LLC
FERMI NATIONAL ACCELERATOR LABORATORY
P.O. BOX 500 BATAVIA, ILLINOIS 60510-0500

MB FINANCIAL BANK, N.A.
6111 N. RIVER RD.

NO: 994314

ROSEMONT, IL 60118
2-5717719

DATE 12-JAN-17 AMOUNT \$500.00

PAY Five Hundred Dollars And Zero Cents

FERMI NATIONAL ACCELERATOR LABORATORY
U.S. DEPARTMENT OF ENERGY
SPECIAL ACCOUNT NO. DE-AC02-07CH11359

TO THE ORDER OF
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVE. EAST
P.O. BOX 19276
SPRINGFIELD, IL 62794

Cynthia S. Conroy

HW Report 0870105010

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