



**CERTIFIED MAIL 7016 0910 0001 0029 0927**  
**RETURN RECEIPT REQUESTED**

February 27, 2017  
David Janke  
Arizona Department of Environmental Quality  
1110 West Washington St., 4415A-1  
Phoenix, Arizona 85007

**RE:** 2016 Facility Annual Report, Intel Corporation Main Chandler Campus Facility  
EPA ID # AZD091235457

Dear Mr. Janke,

As required by Arizona Administrative Code R18-8-262.H Intel is submitting its Facility Annual Report (FAR) for the previous calendar year. An electronic copy has also been submitted to you via email at [Janke.David@azdeq.gov](mailto:Janke.David@azdeq.gov).


Please note that per your email dated Feb 24<sup>th</sup> 2017, Intel is submitting the RY2016 report on 2015 reporting forms due to issues with the BRS software. If you have any questions regarding this submittal, please contact me at (480) 552-0933 or via e-mail at [mike.kemp@intel.com](mailto:mike.kemp@intel.com).

**Enclosed:** 2016 Facility Annual Report (FAR)

On Behalf of Intel Corporation,

A handwritten signature in black ink, appearing to read "Mike Kemp". The signature is stylized and cursive.

**Mike Kemp, CSP**  
Environmental, Health & Safety Department (EHS)  
Intel Corporation  
Work: (480) 552-0933  
Mobile: (505) 217-5825

<p><b>SEND THE COMPLETED FORM TO:</b> The Appropriate State or Regional Office</p>	<p><b>United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM</b></p>		
<p><b>1. Reason for Submittal</b>  MARK ALL BOX(ES) THAT APPLY</p>	<p><b>Reason for Submittal:</b></p> <p><input type="checkbox"/> To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).</p> <p><input checked="" type="checkbox"/> To provide subsequent notification (to update site identification information).</p> <p><input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application.</p> <p><input type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____).</p> <p><input checked="" type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p><input checked="" type="checkbox"/> Site was a TSD facility and/or generator of &gt;1,000 kg of hazardous waste, &gt;1 kg of acute hazardous waste, or &gt;100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)</p>		
<p><b>2. Site EPA ID Number</b></p>	<p><b>EPA ID Number:</b> AZD091235457</p>		
<p><b>3. Site Name</b></p>	<p><b>Name:</b> INTEL CORPORATION - MAIN CHANDLER CAMPUS</p>		
<p><b>4. Site Location Information</b></p>	<p><b>Street Address:</b> 5000 WEST CHANDLER BLVD</p> <p><b>City, Town, or Village:</b> CHANDLER <b>County:</b> MARICOPA</p> <p><b>State:</b> AZ <b>Country:</b> US <b>Zip Code:</b> 85226-3601</p>		
<p><b>5. Site Land Type</b></p>	<p><input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
<p><b>6. NAICS Code(s) for the Site (at least 5-digit codes)</b></p>	<p>A. 334413 B.</p> <p>C. D.</p>		
<p><b>7. Site Mailing Address</b></p>	<p><b>Street or P.O. Box:</b> 5000 WEST CHANDLER BLVD</p> <p><b>City, Town, or Village:</b> CHANDLER</p> <p><b>State:</b> AZ <b>Country:</b> UNITED STATES <b>Zip Code:</b> 85226-3601</p>		
<p><b>8. Site Contact Person</b></p>	<p><b>First Name:</b> MIKEL <b>MI:</b> A <b>Last:</b> KEMP</p> <p><b>Title:</b> ENVIRONMENTAL ENGINEER</p> <p><b>Street or P.O. Box:</b> 5000 WEST CHANDLER BLVD</p> <p><b>City, Town, or Village:</b> CHANDLER</p> <p><b>State:</b> <b>Country:</b> US <b>Zip Code:</b> 85226-3601</p> <p><b>Email:</b> mike.kemp@intel.com</p> <p><b>Phone:</b> (480) - 55 <b>Ext:</b> <b>Fax:</b> ( ) -</p>		
<p><b>9. Legal Owner and Operator of the Site</b></p>	<p><b>A. Name of Site's Legal Owner:</b> JULIE ZAMBROSKI <b>Date Became Owner:</b> 06/01/2016</p> <p><b>Owner Type:</b> <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p> <p><b>Street or P.O. Box:</b> 5000 WEST CHANDLER BLVD</p> <p><b>City, Town, or Village:</b> CHANDLER <b>Phone:</b> (480) 554-1574</p> <p><b>State:</b> AZ <b>Country:</b> US <b>Zip Code:</b> 85226-3601</p> <p><b>B. Name of Site's Operator:</b> JULIE ZAMBROSKI <b>Date Became Operator:</b> 06/01/2016</p> <p><b>Operator Type:</b> <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		

10. Type of Regulated Waste Activity (at your site)

Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts for Items 1 through 7.

Y  N  1. Generator of Hazardous Waste

If "Yes" mark only one of the following - a, b, or c.

a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.

b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs.) of non-acute hazardous waste

c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste

If "Yes" above, indicate other generator activities.

Y  N  d. Short-Term Generator (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.

Y  N  e. United States Importer of Hazardous Waste

Y  N  f. Mixed Waste (hazardous and radioactive) Generator

Y  N  2. Transporter of Hazardous Waste  
If "Yes", mark all that apply.

- Transporter
- Transfer Facility

Y  N  3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: A hazardous waste permit is required for these activities

Y  N  4. Recycler of Hazardous Waste (at your site)  
Note: A hazardous waste permit may be required for this activity.

Y  N  5. Exempt Boiler and/or Industrial Furnace

- a. Small Quantity On-site Burner Exemption
- b. Smelting, Melting, Refining Furnace Exemption

Y  N  6. Underground Injection Control

Y  N  7. Receives Hazardous Waste from Off-site

B. Universal Waste Activities Complete all parts 1 - 2.

Y  N  1. Large Quantity Handler of Universal Waste ( you accumulate 5,000 KG or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.

Manage or Accumulate

- a. Batteries
- b. Pesticides
- c. Mercury containing equipment
- d. Lamps
- e. Other \_\_\_\_\_
- f. Other \_\_\_\_\_
- g. Other \_\_\_\_\_

Y  N  2. Destination Facility for Universal Waste

Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities -Complete all parts 1-4.

Y  N  1. Used Oil Transporter  
If "Yes", mark all that apply.

- a. Transporter
- b. Transfer Facility

Y  N  2. Used Oil Processor and/or Re-refiner -  
If "Yes", mark all that apply.

- a. Processor
- b. Re-refiner

Y  N  3. Off-Specification Used Oil Burner

Y  N  4. Used Oil Fuel Marketer  
If "Yes", mark all that apply.

- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- b. Marketer Who First Claims the Used Oil Meets the Specifications

**D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K**

❖ You must check with your State to determine if you are eligible to manage laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories  
See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:

a. College or University

b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university

c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

**11. Description of Hazardous Wastes**

**A. Waste Codes for Federally Regulated Hazardous Wastes.** Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D003	D004	D005	D007	D008
D009	D011	D022	D038	F003	F005	F006
F007	F008	F009	P098	U002	U031	U044
U122	U123	U134	U154	U213	U215	U220

**B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.** Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

122	135	791	792	OUTS002H	OUTS103H	OUTS203H
OUTS310H	OUTS701H	OUTS7011				

**12. Notification of Hazardous Secondary Material (HSM) Activity**

Y  N  Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

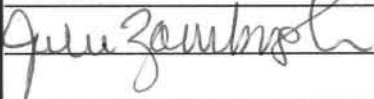
If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

**13. Comments**

THIS REPORT IS FOR RY 2016 DATA (NOT 2015). THE SOFTWARE DOES NOT ALLOW FOR 2016 TO BE ENTERED AS THE REPORTING YEAR. PER GUIDANCE FROM ADEQ LQG COORDINATOR DAVID JANICE, 2016 DATA IS BEING REPORTED ON 2015 FORMS.

mike.kemp@intel.com

**14. Certification.** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	D. Date Signed (mm-dd-yyyy)
	JULIE ZAMBROSKI INTEL CHANDLER SITE SERVICES MANAGER	03/01/2017

# Hazardous Waste Generation, Treatment, and Shipping Summary Report

02/28/2017

Biennial Hazardous Waste Report electronic data submission summary.

## INTEL CORPORATION - MAIN CHANDLER CAMPUS

WEST CHANDLER BLVD

CHANDLER, AZ 852263601

NAICS 334413

Semiconductor and Related Device Manufacturing

### Waste Generation and Management Information

Generated, Treated, Shipped Tons

**AZD091235457**

**GM Page: 00001**

**BROKEN MERCURY LAMPS AND MERCURY CONTAMINATED DEBRIS FROM CHANGING LIGHTS IN SEMICONDUCTOR FACTORIES AND OTHER SITE MAINTENANCE EQUIPMENT**

**W320**

Electrical devices (lamps, thermostats, CRTs, etc) (fluorescents, etc usually

**0.03 Tons**

**G19**

Other one-time or intermittent processes(specify in comments)

D009

**Shipped to: AZ0000337360**

H010 Metals recovery including retorting, smelting, chemical,

**0.03 Tons**

**GM Page: 00002**

**ACIDIC COPPER WASTE FROM FROM SEMI-CONDUCTOR MANUFACTURING PROCESSES CONTAINING COPPER CHLORIDE**

**W113**

Other aqueous waste or wastewaters (fluid, not sludgy)

**0.41 Tons**

**G11**

Discarding off-specification, out-of-date, and/or unused chemicals or products

D002

**Shipped to: AZD049318009**

H141 Storage, bulking, and/or transfer off-site - no

**0.41 Tons**

**GM Page: 00003**

**ACIDIC SPENT FILTERS FROM ELECTROPLATING AND ETCHING PROCESSES FROM SEMI-CONDUCTOR FACTORIES**

**W002**

Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic

**9.92 Tons**

**G09**

Other production or service-related processes(where the waste is a direct

D002 F006

**Shipped to: AZD049318009**

H141 Storage, bulking, and/or transfer off-site - no

**9.92 Tons**

**GM Page: 00004**

**BULK CAUSTIC DILUTED ORGANIC WASTE FROM SEMI-CONDUCTOR MANUFACTURING PROCESSES CONTAINING TRIMETHYLBENZENE, ACETONE, ALCOHOLS, TETRAMETHYLAMINE**

**W203**

Concentrated non-halogenated (E.G. non-chlorinated) solvent

**336.91 Tons**

**G08**

Removal of spent process liquids or catalysts(bulk removal of wastes from

D002

**Shipped to: UTD981552177**

H040 Incineration - thermal destruction other than use as a

**336.91 Tons**

**GM Page: 00005**

**LEAD CONTAMINATED DEBRIS**

**W002**

Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic

**0.11 Tons**

**G15**

Process equipment change-out or discontinue use of equipment (final

D008

**Shipped to: COD980591184**

H141 Storage, bulking, and/or transfer off-site - no

**0.11 Tons**

## Waste Generation and Management Information

Generated, Treated, Shipped Tons

<b>GM Page: 00006</b>	<b>BULK CONCENTRATED COPPER WASTE CONTAINING CUPRIC SULPHATE FROM ELECTRO PLATING AND ETCHING PROCESSES</b>		
<b>W119</b>	Other inorganic liquid (specify in comments)		<b>546.73 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)		
D002			
<hr/>			
<b>Shipped to: CAD008488025</b>	H010	Metals recovery including retorting, smelting, chemical,	<b>546.73 Tons</b>
<b>GM Page: 00007</b>	<b>DEBRIS CONTAMINATED WITH SODIUM PERMANGANATE</b>		
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic		<b>2.98 Tons</b>
<b>G13</b>	Cleaning out process equipment (periodic sludge or residual removal from		
D001 D002 D003			
<hr/>			
<b>Shipped to: ARD069748192</b>	H040	Incineration - thermal destruction other than use as a	<b>0.28 Tons</b>
<b>Shipped to: AZD049318009</b>	H141	Storage, bulking, and/or transfer off-site - no	<b>2.70 Tons</b>
<b>GM Page: 00008</b>	<b>BULK CORROSIVE SPENT SOLVENT FLAMMABLE LIQUIDS FROM ASSEMBLY LINE SEMI -CONDUCTOR PROCESSES CONTAINING BENZYLAMINE AND TETRAMETHYLAMMONIUM HY</b>		
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)		<b>52.20 Tons</b>
<b>G02</b>	Stripping and acid or caustic cleaning (using caustics to remove coatings or		
D002			
<hr/>			
<b>Shipped to: AZD049318009</b>	H141	Storage, bulking, and/or transfer off-site - no	<b>52.20 Tons</b>
<b>GM Page: 00009</b>	<b>BULK DILUTED ORGANIC CAUSTIC LIQUIDS FROM WET TOOLS CONTAINING 95% WA</b>		
	<b>TER, ALCOHOLS, PROPANOL, TETRAMETHYLAMMONIUM HYDROXIDE AND OTHER ORGAN</b>		
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent		<b>56.44 Tons</b>
<b>G08</b>	Removal of spent process liquids or catalysts(bulk removal of wastes from		
D002			
<hr/>			
<b>Shipped to: UTD981552177</b>	H040	Incineration - thermal destruction other than use as a	<b>56.44 Tons</b>
<b>GM Page: 00010</b>	<b>CORROSIVE LIQUID CONTAINING BENZYLAMINE</b>		
<b>W219</b>	Other organic liquid (specify in comments)		<b>0.27 Tons</b>
<b>G04</b>	Etching(using caustics or other methods to remove layers or partial layers)		
D002			
<hr/>			
<b>Shipped to: AZD049318009</b>	H141	Storage, bulking, and/or transfer off-site - no	<b>0.27 Tons</b>
<b>GM Page: 00011</b>	<b>CAUSIC SPENT FILTERS FROM ELECTROPLATING AND ETCHING PROCESSES FROM SE</b>		
	<b>MI-CONDUCTOR FACTORIES</b>		
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic		<b>3.79 Tons</b>
<b>G09</b>	Other production or service-related processes(where the waste is a direct		
D002 F006			
<hr/>			
<b>Shipped to: AZD049318009</b>	H141	Storage, bulking, and/or transfer off-site - no	<b>3.79 Tons</b>

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00012</b>	<b>CONCENTRATED CAUSTIC SODIUM PERMANGANATE LIQUID WASTE FROM ETCHING PROCESS FROM SEMI-CONDUCTOR FACTORY</b>	
<b>W119</b>	Other inorganic liquid (specify in comments)	<b>514.95 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001 D002		

**Shipped to: CAD008488025** H039 Other recovery or reclamation for reuse including acid **514.95 Tons**

<b>GM Page: 00013</b>	<b>CONCENTRATED SODIUM HYDROXIDE WASTE FROM CONDITIONING SEMICONDUCTOR TECHNOLOGY TOOLS BEFORE NEW FACTORY START-UP</b>	
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)	<b>1.62 Tons</b>
<b>G02</b>	Stripping and acid or caustic cleaning (using caustics to remove coatings or	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **1.62 Tons**

<b>GM Page: 00014</b>	<b>CONCENTRATED SPENT NITRIC ACID SOLUTION CONTAINING TRACES OF PALLADIUM AND NICKEL FROM ELECTROLESS CLEANING OPERATIONS OF SEMI-CONDUCTOR MANUFACTURING</b>	
<b>W103</b>	Spent concentrated acid	<b>5.16 Tons</b>
<b>G02</b>	Stripping and acid or caustic cleaning (using caustics to remove coatings or	
D002		

**Shipped to: CAD008488025** H010 Metals recovery including retorting, smelting, chemical, **4.47 Tons**

**Shipped to: CAD008488025** H121 Neutralization only (no other treatment) **0.68 Tons**

<b>GM Page: 00015</b>	<b>DILUTED RINSE CONTAINING SODIUM PERMANGANATE FROM ETCHING PROCESS</b>	
<b>W119</b>	Other inorganic liquid (specify in comments)	<b>0.09 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001 D002		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **0.09 Tons**

<b>GM Page: 00016</b>	<b>CONTAINERS WITH RESIDUAL TETRAMETHYLAMMONIUM HYDROXIDE</b>	
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)	<b>0.63 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.63 Tons**

<b>GM Page: 00017</b>	<b>CORROSIVE WASTE FROM COPPER ETCHING PROCESS OF SEMI-CONDUCTOR MANUFACTURING CONTAINING SULFURIC ACID AND AMINES</b>	
<b>W119</b>	Other inorganic liquid (specify in comments)	<b>0.00 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**



**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00018</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH UNUSED RESIDUAL 5% FORMIC ACID CONTAINING COPPER SALT	
<b>W103</b>	Spent concentrated acid	<b>1.29 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
U123		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **1.29 Tons**

<b>GM Page: 00019</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH UNUSED RESIDUAL SOLUTION OF METHANOL AND AMINE COMPOUNDS	
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent	<b>0.01 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

**Shipped to: COD980591184** H061 Fuel blending prior to energy recovery at another site. **0.01 Tons**

<b>GM Page: 00020</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH RESIDUAL SODIUM PERMANGANATE AND PEROXIDE	
<b>W113</b>	Other aqueous waste or wastewaters (fluid, not sludgy)	<b>0.09 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.09 Tons**

<b>GM Page: 00021</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH ACIDIC HEELS CONTAINING INORGANIC ACIDS	
<b>W113</b>	Other aqueous waste or wastewaters (fluid, not sludgy)	<b>0.56 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.56 Tons**

<b>GM Page: 00022</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH BASIC HEELS	
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)	<b>0.37 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.37 Tons**

<b>GM Page: 00023</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSSES WITH BASIC HEELS CONTAINING ETHANOLAMINE	
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)	<b>0.41 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.41 Tons**

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00024</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSES WITH BASIC HEELS CONTAINING SODIUM HYDROXIDE AND AMMONIUM HYDR	
<b>W110</b>	Caustic aqueous waste without cyanides( Ph >12.5)	<b>0.23 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.23 Tons**

<b>GM Page: 00025</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSES WITH FLAMMABLE HEELS	
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent	<b>0.60 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.60 Tons**

<b>GM Page: 00026</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSES WITH FLAMMABLE HEELS CONTAINING ETHYL AND PROPYL ALCOHOL	
<b>W219</b>	Other organic liquid (specify in comments)	<b>1.02 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **1.02 Tons**

<b>GM Page: 00027</b>	DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSES WITH HEELS OF GLACIAL ACETIC ACID	
<b>W219</b>	Other organic liquid (specify in comments)	<b>0.00 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D001 D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

<b>GM Page: 00028</b>	DISCARDED GAS CYLINDERS CONTAINING CHLORINE, PROPANE, INERT OR CALIBRATION GASES FROM RESEARCH LABORATORIES AND BULK GAS CHEMICAL DELIVERY F	
<b>W801</b>	Compressed gases (any type)	<b>1.07 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D003		

**Shipped to: TXD982290140** H129 Other treatment (specify in comments - not otherwise

**Shipped to: TXD982290140** H141 Storage, bulking, and/or transfer off-site - no **0.18 Tons**

<b>GM Page: 00029</b>	DISCARDED PARTIALLY FULL PLASTIC CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROCESSES CONTAINING ORGANIC GLYCOLIC ACID	
<b>W219</b>	Other organic liquid (specify in comments)	<b>0.01 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.01 Tons**

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00030</b>	DISPOSAL OF CONTAMINATED BULK 93% SULFURIC ACID FROM BULK CHEMICAL DISTRIBUTION TANK FOR SEMI-CONDUCTOR PROCESSES DUE TO TANK FAILURE		
<b>W103</b>	Spent concentrated acid		<b>24.00 Tons</b>
<b>G19</b>	Other one-time or intermittent processes(specify in comments)		
D002			

**Shipped to: UTD991301748** H141 Storage, bulking, and/or transfer off-site - no **24.00 Tons**

<b>GM Page: 00031</b>	ISOPROPYL ALCOHOL CONTAMINATED WITH SOLDERFLUX DURING EQUIPMENT MAINTENANCE		
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent		<b>4.81 Tons</b>
<b>G13</b>	Cleaning out process equipment (periodic sludge or residual removal from		
D001			

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **2.96 Tons**

**Shipped to: COD980591184** H061 Fuel blending prior to energy recovery at another site. **1.85 Tons**

<b>GM Page: 00032</b>	WASTEWATER WITH TRACE AMOUNTS OF SULFURIC ACID ADDED AS A TREATMENT CHEMICAL		
<b>W105</b>	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)		<b>12.06 Tons</b>
<b>G13</b>	Cleaning out process equipment (periodic sludge or residual removal from		
D002			

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **5.14 Tons**

**Shipped to: CAD008488025** H141 Storage, bulking, and/or transfer off-site - no **6.92 Tons**

<b>GM Page: 00033</b>	LAB PACK - DISCARDED USED AND UNUSED SMALL VOLUME MATERIALS GENERATED BY LABORATORIES AND SEMI-CONDUCTOR MANUFACTURING OPERATIONS		
<b>W001</b>	Lab packs with no acute hazardous waste (from any source)		<b>4.16 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products		
D002 D001 F003 D008 U134 U122 U044 D022 D004 D011 U154 U002 U213 F005 U215 D038 D003 U031 U220			

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **4.16 Tons**

<b>GM Page: 00034</b>	PARTIALLY FILLED CONTAINERS WITH UNUSED SULFURIC, HYDROCHLORIC AND OTHER INORGANIC ACIDS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PROC		
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic		<b>1.41 Tons</b>
<b>G09</b>	Other production or service-related processes(where the waste is a direct		
D002			

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **1.41 Tons**

<b>GM Page: 00035</b>	DISCARDED USED AND UNUSED SMALL VOLUME MATERIALS GENERATED BY LABORATORIES AND SEMI-CONDUCTOR MANUFACTURING OPERATIONS.		
<b>W105</b>	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)		<b>25.33 Tons</b>
<b>G22</b>	Laboratory analytical wastes (used chemicals from laboratory operations))		
D002			

**Shipped to: CAD008488025** H010 Metals recovery including retorting, smelting, chemical, **7.72 Tons**

**Shipped to: CAD008488025** H141 Storage, bulking, and/or transfer off-site - no **17.61 Tons**

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00036</b>	DISCARDED USED AND UNUSED SMALL VOLUME MATERIALS WITH ACUTE HAZARDS GENERATED BY LABORATORIES AND SEMI-CONDUCTOR MANUFACTURING OPERATIONS.	
<b>W001</b>	Lab packs with no acute hazardous waste (from any source)	<b>0.00 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products	
D003		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **0.00 Tons**

<b>GM Page: 00037</b>	SOLID 65% MOISTURE COPPER SLUDGE FROM WASTEWATER TREATMENT OPERATIONS RESULTED FROM PROCESSING ELECTROPLATING AND ETCHING SOLUTIONS FROM SEM	
<b>W505</b>	Metal bearing sludges (including plating sludge) not containing cyanides	<b>0.60 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment	
F006		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **0.60 Tons**

<b>GM Page: 00038</b>	SOLID BARIUM CONTAMINATED DEBRIS FROM SEMI-CONDUCTOR PROCESS TOOLS	
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic	<b>1.09 Tons</b>
<b>G09</b>	Other production or service-related processes (where the waste is a direct	
D005		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **1.09 Tons**

<b>GM Page: 00039</b>	SOLID DEBRIS CONTAMINATED WITH WASTEWATER SLUDGE CONTAINING COPPER AND SODIUM BISULFATE FROM ELECTROPLATING AND ETCHING PROCESSES OF SEMI-C	
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic	<b>1.31 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment	
F006		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **1.31 Tons**

<b>GM Page: 00040</b>	SPENT AEROSOL CANS FROM BUILDING MAINTENANCE WITH FLAMMABLE LIQUIDS CONTAINING MIXTURES OF XYLENE, PROPANE, AND TOLUENE	
<b>W209</b>	Paint, ink, lacquer, or varnish (fluid, not dry or sludgy)	<b>0.26 Tons</b>
<b>G06</b>	Painting and coating (manufacturing, building, or maintenance)	
D001 D003		

**Shipped to: COD980591184** H061 Fuel blending prior to energy recovery at another site. **0.26 Tons**

<b>GM Page: 00041</b>	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS CONTAINING CARBOXYLIC ACID, POTASSIUM COMPOUNDS AND TRACES OF PRECIOUS METALS	
<b>W107</b>	Aqueous waste containing cyanides (generally Caustic)	<b>2.17 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)	
F007		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **2.17 Tons**

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00042</b>	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS OF SEMI-CONDUCTOR MANUFACTURING CONTAINING POTASSIUM CYANIDE AND LEAD AC	
<b>W107</b>	Aqueous waste containing cyanides (generally Caustic)	<b>10.08 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)	
D002 D008 F009		

**Shipped to: NMD002208627** H141 Storage, bulking, and/or transfer off-site - no **10.08 Tons**

<b>GM Page: 00043</b>	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS OF SEMI-CONDUCTOR MANUFACTURING CONTAINING POTASSIUM CYANIDE WITH TRACES	
<b>W107</b>	Aqueous waste containing cyanides (generally Caustic)	<b>10.26 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)	
D003 F009		

**Shipped to: NMD002208627** H141 Storage, bulking, and/or transfer off-site - no **10.26 Tons**

<b>GM Page: 00044</b>	SPENT EPOXY CONTAINING ACETONE, ISOPROPYL ALCOHOL & METHANOL FROM SEMI CONDUCTOR ASSEMBLY-LINE PRODUCT PROCESSING	
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent	<b>1.33 Tons</b>
<b>G07</b>	Product and by-product processing (direct flow of wastes from Chemical	
D001 F003		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **1.33 Tons**

<b>GM Page: 00045</b>	SPENT FILTERS FROM ELECTROPLATING AND ETCHING PROCESSES FROM PREVENTATIVE MAINTENANCE TASKS IN SEMI-CONDUCTOR FACTORIES CONTAINING CYANIDE	
<b>W312</b>	Cyanide or metal cyanide bearing solids, salts or chemicals	<b>0.35 Tons</b>
<b>G09</b>	Other production or service-related processes (where the waste is a direct	
D003 F008 F009		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **0.35 Tons**

<b>GM Page: 00046</b>	SPENT HYDROCHLORIC ACID USED FOR TOOL PREVENTATIVE MAINTENANCE FROM SEMI-CONDUCTOR FACTORY	
<b>W110</b>	Caustic aqueous waste without cyanides (Ph >12.5)	<b>2.30 Tons</b>
<b>G04</b>	Etching (using caustics or other methods to remove layers or partial layers)	
D002		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **2.30 Tons**

<b>GM Page: 00047</b>	SPENT INORGANIC ACIDS CONTAINING COPPER FROM ELECTROPLATING OPERATIONS OF SEMI-CONDUCTOR	
<b>W113</b>	Other aqueous waste or wastewaters (fluid, not sludgy)	<b>1.21 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)	
D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **1.21 Tons**

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00048</b>	SPENT NITRIC AND HYDROCHLORIC ACIDS CONTAINING NICKEL AND COPPER FROM STRIPPING/CLEANING PROCESSES OF CYANIDE ELECTROPLATING BATHS OF SEMI-C		
<b>W103</b>	Spent concentrated acid		<b>3.31 Tons</b>
<b>G03</b>	Plating and phosphating (electro- or non-electroplating or phosphating)		
F009	D002		

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **3.31 Tons**

<b>GM Page: 00049</b>	SPENT SODIUM HYDROXIDE SOLUTION CONTAINING PRECIOUS METAL FROM ELECTRO LESS PLATING PROCESS FROM SEMI-CONDUCTOR FACTORIES		
<b>W113</b>	Other aqueous waste or wastewaters (fluid, not sludgy)		<b>19.20 Tons</b>
<b>G08</b>	Removal of spent process liquids or catalysts(bulk removal of wastes from		
D004	D002		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **3.47 Tons**

**Shipped to: CAD008488025** H141 Storage, bulking, and/or transfer off-site - no **15.73 Tons**

<b>GM Page: 00050</b>	SPENT SODIUM PERSULFATE FROM AN ETCHING PROCESS OF SEMI-CONDUCTOR MANUFACTURING CONTAINING RESIDUAL SULFURIC ACID		
<b>W105</b>	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)		<b>12.19 Tons</b>
<b>G09</b>	Other production or service-related processes(where the waste is a direct		
D001	D002		

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **12.19 Tons**

<b>GM Page: 00051</b>	SPENT SULFURIC ACID FOR SURFACE NEUTRALIZATION CONTAINING COPPER SULFATE AND AMINES FROM SEMI-CONDUCTOR FACTORY TOOL		
<b>W103</b>	Spent concentrated acid		<b>1.47 Tons</b>
<b>G01</b>	Dip, flush or spray rinsing (using solvents to clean or prepare parts or		
D002			

**Shipped to: AZD049318009** H141 Storage, bulking, and/or transfer off-site - no **1.47 Tons**

<b>GM Page: 00052</b>	SPENT SULFURIC ACID FROM AN ETCHING PROCESS OF SEMI-CONDUCTOR MANUFACTURING		
<b>W103</b>	Spent concentrated acid		<b>7.75 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products		
D002			

**Shipped to: TXD055141378** H040 Incineration - thermal destruction other than use as a **7.75 Tons**

<b>GM Page: 00053</b>	UNUSED SOLUTION FROM MICROPROCESSOR PRODUCTION PROCESSES		
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent		<b>0.32 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products		
D001			

**Shipped to: COD980591184** H061 Fuel blending prior to energy recovery at another site. **0.11 Tons**

**Shipped to: COD980591184** H141 Storage, bulking, and/or transfer off-site - no **0.21 Tons**

## Waste Generation and Management Information

Generated, Treated, Shipped Tons

<b>GM Page: 00054</b>		<b>SPENT ACTIVATED CARBON DRY</b>		
<b>W310</b>	Filters, solid adsorbents, ion exchange resins and spent carbon (usually			<b>5.80 Tons</b>
<b>G16</b>	Oil changes and filter or battery replacement (automotive, etc)			
D001				
<b>Shipped to: AZD049318009</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>5.80 Tons</b>
<b>GM Page: 00055</b>		<b>SLUDGE FROM THE CLEANOUT OF AWN TANKS</b>		
<b>W505</b>	Metal bearing sludges (including plating sludge) not containing cyanides			<b>1.39 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment			
F006				
<b>Shipped to: AZD049318009</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>1.39 Tons</b>
<b>GM Page: 00056</b>		<b>SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS CONTAINING CARBOXYLIC ACID, POTASSIUM COMPOUNDS AND TRACES OF PRECIOUS METALS</b>		
<b>W107</b>	Aqueous waste containing cyanides (generally Caustic)			<b>0.58 Tons</b>
<b>G08</b>	Removal of spent process liquids or catalysts (bulk removal of wastes from			
F007 P098				
<b>Shipped to: AZD049318009</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>0.58 Tons</b>
<b>GM Page: 00057</b>		<b>SOLID 65% MOISTURE COPPER SLUDGE FROM WASTEWATER TREATMENT OPERATIONS RESULTED FROM PROCESSING</b>		
<b>W505</b>	Metal bearing sludges (including plating sludge) not containing cyanides			<b>104.87 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment			
F006 D007				
<b>Shipped to: AZD049318009</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>104.87 Tons</b>
<b>GM Page: 00058</b>		<b>FILTER MEDIA FROM A WASTE WATER TREATMENT SYSTEM</b>		
<b>W312</b>	Cyanide or metal cyanide bearing solids, salts or chemicals			<b>0.11 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment			
F006				
<b>Shipped to: RID059735761</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>0.11 Tons</b>
<b>GM Page: 00059</b>		<b>CORROSIVE LIQUID CONTAINING AMINES</b>		
<b>W113</b>	Other aqueous waste or wastewaters (fluid, not sludgy)			<b>0.70 Tons</b>
<b>G07</b>	Product and by-product processing (direct flow of wastes from Chemical			
D002				
<b>Shipped to: AZD049318009</b>		H141	Storage, bulking, and/or transfer off-site - no	<b>0.70 Tons</b>
<b>GM Page: 00060</b>		<b>PPE, RAGS, AND OTHER DEBRIS PONTENTIALLY CONTAMINATED WITH SPENT CYANIDE WASTE WATER</b>		
<b>W002</b>	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic			<b>0.02 Tons</b>
<b>G23</b>	Wastewater treatment (sludge, filter cake, etc including wastes from treatment			
F007 F008 F009				
<b>Shipped to: TXD055141378</b>		H040	Incineration - thermal destruction other than use as a	<b>0.02 Tons</b>

**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

<b>GM Page: 00061</b>	<b>SPENT SOLVENTS FROM CH4 MANUFACTURING PROCESS</b>		
<b>W219</b>	Other organic liquid (specify in comments)		<b>0.38 Tons</b>
<b>G07</b>	Product and by-product processing (direct flow of wastes from Chemical		
D001			
<b>Shipped to: AZD049318009</b>		H141 Storage, bulking, and/or transfer off-site - no	<b>0.38 Tons</b>
<b>GM Page: 00062</b>	<b>DISCARDED CONTAINERS FROM BULK CHEMICAL DELIVERY FOR SEMI-CONDUCTOR PR OCESSES WITH ACIDIC HEELS CONTAINING INORGANIC ACIDS</b>		
<b>W103</b>	Spent concentrated acid		<b>0.09 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products		
D002			
<b>Shipped to: COD980591184</b>		H141 Storage, bulking, and/or transfer off-site - no	<b>0.09 Tons</b>
<b>GM Page: 00063</b>	<b>WASTEWATER, SULFURIC ACID RINSEWATER</b>		
<b>W101</b>	Very dilute aqueous waste containing more than 99% water (Land Ban		<b>0.26 Tons</b>
<b>G19</b>	Other one-time or intermittent processes(specify in comments)		
D002			
<b>Shipped to: AZD049318009</b>		H141 Storage, bulking, and/or transfer off-site - no	<b>0.26 Tons</b>
<b>GM Page: 00064</b>	<b>WASTE WATER FROM THE CCW TREATMENT SYSTEM</b>		
<b>W105</b>	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)		<b>0.51 Tons</b>
<b>G13</b>	Cleaning out process equipment (periodic sludge or residual removal from		
D007			
<b>Shipped to: CAD008488025</b>		H010 Metals recovery including retorting, smelting, chemical,	<b>0.51 Tons</b>
<b>GM Page: 00065</b>	<b>RESIDUAL CORROSIVE LIQUIDS</b>		
<b>W105</b>	Acidic aqueous wastes less than 5% acid (diluted but Ph <2)		<b>0.90 Tons</b>
<b>G11</b>	Discarding off-specification, out-of-date, and/or unused chemicals or products		
D002			
<b>Shipped to: COD980591184</b>		H141 Storage, bulking, and/or transfer off-site - no	<b>0.90 Tons</b>
<b>GM Page: 00066</b>	<b>BULK SOLVENT LIQUID FROM SPTD MANUFACTURING PROCESSES</b>		
<b>W203</b>	Concentrated non-halogenated (E.G. non-chlorinated) solvent		<b>55.04 Tons</b>
<b>G08</b>	Removal of spent process liquids or catalysts(bulk removal of wastes from		
D002			
<b>Shipped to: NED981723513</b>		H040 Incineration - thermal destruction other than use as a	<b>22.50 Tons</b>
<b>Shipped to: TXD055141378</b>		H040 Incineration - thermal destruction other than use as a	<b>32.54 Tons</b>
<b>GM Page: 00067</b>	<b>COPPER SLUDGE REMOVED FROM THE WLUF TOOL IN CH4</b>		
<b>W504</b>	Other sludges (from wastewater treatment or air pollution control).		<b>0.20 Tons</b>
<b>G04</b>	Etching(using caustics or other methods to remove layers or partial layers)		
F006			
<b>Shipped to: AZD049318009</b>		H141 Storage, bulking, and/or transfer off-site - no	<b>0.20 Tons</b>



**Waste Generation and Management Information**

Generated, Treated, Shipped Tons

GM Page: 00068

SPENT ACIDIC ETCHING SOLUTION CONTAINING MONOETHANOLAMINE AND DIETHYLE  
NETRIAMINE FROM SEMI-CONDUCTOR PROCESSES

W103  
G03  
D002

Spent concentrated acid  
Plating and phosphating (electro- or non-electroplating or phosphating)

2.29 Tons

Shipped to: CAD008488025 H141 Storage, bulking, and/or transfer off-site - no

2.29 Tons

GM Page: 00069

FILTER MEDIA FROM A WASTE WATER TREATMENT SYSTEM

W310  
G23  
F006


Filters, solid adsorbents, ion exchange resins and spent carbon (usually  
Wastewater treatment (sludge, filter cake, etc including wastes from treatment)

5.02 Tons

Shipped to: TXD055141378 H040 Incineration - thermal destruction other than use as a

5.02 Tons

This information has been reviewed by:

  
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2/28/17  
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