



PSC94

2mm

PHILIPS

Sinetics

Philips Semiconductors

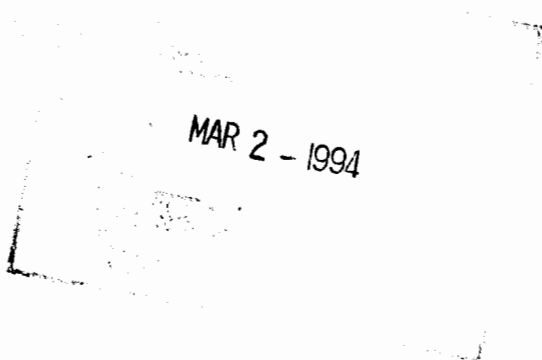
Philips Semiconductors

a North American Philips Company

9201 Pan American Freeway, NE

Albuquerque, New Mexico 87113

(505) 822-7000



MAR 2 - 1994

✓
David Paulson
3/1/94
AW

February 25, 1994

New Mexico Environmental Department
Hazardous and Radioactive Materials Bureau
Post Office Box 26110
Santa Fe, New Mexico 87502

Re: 1993 Hazardous Waste Report.

Enclosed is the 1993 Hazardous Waste Report for Philips Semiconductors Facility. If there are any questions about the information provided, please contact David Paulson at (505) 822-7342.

Sincerely,

Zeke Sherman
Environmental Engineer
Philips Semiconductors

dp:ZS

cc: D. Paulson, Environmental Technician
File

4/4/94 OKSM

Handwritten: Au
3/31/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: N M D 0 0 0 7 0 9 7 8 2



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

A. EPA ID No. Same as label or → _____

B. County Bernalillo ✓

C. Site/company name Same as label or → _____

D. Has the site name associated with this EPA ID changed since 1991? 1 Yes 2 No
Formerly Signetics Company

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.
Same as label or → 9201 Pan American Frwy. N.E.

F. City, town, village, etc. Same as label or → Albuquerque ✓

G. State Same as label or → N M

H. Zip Code Same as label or → 8 7 1 1 3

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address? 1 Yes (SKIP TO SEC. III) 2 No (GO TO BOX B)

B. Number and street name of mailing address _____

C. City, town, village, etc. _____

D. State _____

E. Zip Code _____

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name First name M.I.
Paulson David L

B. Title Environmental Technician

C. Telephone 5 0 5 8 2 2 7 3 4 2
Extension _____

Sec. IV "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 under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name First name M.I.
Sherman Zeke R

B. Title Environmental Engineer

C. Signature

D. Date of signature 0 2 2 5 9 4
MO. DAY YR.

Sec.V - Generator Status

EPA ID NO. N1M1D101010171019171812

*checked
3/31/94*

A. 1993 RCRA generator status
Instruction page 10.
(CHECK ONE BOX BELOW)

- 1 LQG
- 2 SQG
- 3 CESQG
- 4 Non generator (Continue to Box B)

SKIP to SEC. VI

B. Reason for not generating
Page 12.
(CHECK ALL THAT APPLY)

- 1 Never generated
- 2 Out of business
- 3 Only excluded or delisted waste
- 4 Only non-hazardous waste
- 5 Periodic or occasional generator
- 6 Waste minimization activity
- 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec.VI - On-Site Waste Management Status

A. Storage subject to RCRA permitting requirements Page 13.

4

B. Treatment, disposal, or recycling subject to RCRA permitting requirements Page 13.

1

C. RCRA-exempt treatment, disposal, or recycling Page 13.

3

Sec.VII - Waste Minimization Activity during 1992 or 1993

A. Did this site begin or expand a source reduction activity during 1992 or 1993? Page 14.

- 1 Yes
- 2 No

B. Did this site begin or expand a recycling activity during 1992 or 1993? Page 15.

- 1 Yes
- 2 No

C. Did this site systematically investigate opportunities for source reduction or recycling during 1992 or 1993? Page 15.

- 1 Yes
- 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1992 or 1993? Page 15
(CHECK YES OR NO FOR EACH ITEM)

- | Yes | No | |
|----------------------------|---------------------------------------|--|
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | a. Insufficient capital to install new source reduction equipment or implement new source reduction practices |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | b. Lack of technical information on source reduction techniques applicable to the specific production processes |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | d. Concern that product quality may decline as a result of source reduction |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | e. Technical limitations of the production processes |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | f. Permitting burdens |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | g. Source reduction previously implemented - additional reduction does not appear to be technically feasible |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | h. Source reduction previously implemented - additional reduction does not appear to be economically feasible |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | j. Other (SPECIFY COMMENTS IN BOX BELOW) |

E. Did any of the factors listed below delay or limit the site's ability to initiate new or additional on-site or off-site recycling activities during 1992 or 1993? Page 15.
(CHECK YES OR NO FOR EACH ITEM)

- | Yes | No | | Yes | No | |
|----------------------------|---------------------------------------|---|----------------------------|---------------------------------------|--|
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | a. Insufficient capital to install new recycling equipment or implement new recycling practice | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | g. Technical limitations of production processes inhibit shipments off-site for recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | b. Lack of technical information on recycling techniques applicable to this site's specific production process | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | h. Technical limitations of production processes inhibit on-site recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | c. Recycling is not economically feasible: cost savings in waste management will not recover the capital investment | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | i. Permitting burdens inhibit recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | d. Concern that product quality may decline as a result of recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | j. Lack of permitted off-site recycling facilities |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | e. Requirements to manifest wastes inhibit shipments of off-site for recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | k. Unable to identify a market for recycled materials |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | f. Financial liability provisions inhibit shipments off-site for recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | l. Recycling previously implemented - additional recycling does not appear to be technically feasible |
| | | | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | m. Recycling previously implemented - additional recycling does not appear to be economically feasible |
| | | | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | n. Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements |
| | | | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | o. Other (SPECIFY COMMENTS IN BOX BELOW) |

Comments:

4/4/94 OK SM

✓
AW
Entered
3/31/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: N M D 0 0 0 7 0 9 7 8 2



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter <u>A R D 0 6 9 7 4 8 1 9 2</u>	B. Name of off-site installation or transporter ENSCO
	C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street <u>American Oil Road</u> City <u>El Dorado</u> State <u>A R</u> Zip <u>7 1 7 3 0</u>

Site 2	A. EPA ID No. of off-site installation or transporter <u>A R D 0 6 9 7 4 8 1 9 2</u>	B. Name of off-site installation or transporter Division Transport (ENSCO)
	C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____

Site 3	A. EPA ID No. of off-site installation or transporter <u>I L D 0 9 9 2 0 2 6 8 1</u>	B. Name of off-site installation or transporter Chemical Waste Management, Inc.
	C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____

Site 4	A. EPA ID No. of off-site installation or transporter <u>C O D 9 8 0 5 9 1 1 8 4</u>	B. Name of off-site installation or transporter Oil & Solvent Process Company
	C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street <u>9131 East 96th Avenue</u> City <u>Henderson</u> State <u>C O</u> Zip <u>8 0 6 4 0</u>

Site 5	A. EPA ID No. of off-site installation or transporter <u>L A D 9 8 5 1 7 1 2 5 5</u>	B. Name of off-site installation or transporter Rollins Chempak Inc.
	C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____

Comments:

4/4/94 OKSM

AK
 2/3/94
 ✓

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: N M D 0 0 0 7 0 9 7 8 2



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
 OI

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter <u>D E D 9 8 0 9 1 8 8 5 8</u>	B. Name of off-site installation or transporter Custom Environmental Transport
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____

Site 2	A. EPA ID No. of off-site installation or transporter <u>L A D 0 1 0 3 9 5 1 2 7</u>	B. Name of off-site installation or transporter Rollins Environmental Services, Inc.
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR		D. Address of generator Street <u>13351 Scenic Highway</u> City <u>Baton Rouge</u> State <u>LA</u> Zip <u>7 0 8 0 7</u>

Site 3	A. EPA ID No. of off-site installation or transporter <u>N Y D 9 8 0 7 6 9 9 4 7</u>	B. Name of off-site installation or transporter HazMat Environmental Group
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____

Site 4	A. EPA ID No. of off-site installation or transporter _____	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street _____ City _____ State _____ Zip _____

Site 5	A. EPA ID No. of off-site installation or transporter _____	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street _____ City _____ State _____ Zip _____

Comments:

4/4/94 OK ~~SM~~

✓
AW
checked
3/31/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: N M D 0 0 0 7 0 9 7 8 2



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Mercury waste, toxic, from broken thermometers and spent mercury lamps used in photo process.

B. EPA hazardous waste code Page 19. <u>D 0 0 9</u> <u>N A</u> <u>N A</u> <u>N A</u> <u>N A</u>		C. State hazardous waste code Page 19. <u>N A</u>	
D. SIC code Page 19. <u>3 6 7 4</u>	E. Origin code <input type="checkbox"/> Page 19 System Type <u>L M</u>	F. Source code Page 20. <u>A 8 9</u>	G. Point of measurement Page 20. <u>1</u>
		H. Form code Page 20. <u>B 1 1 7</u>	I. RCRA - radioactive mixed Page 20. <u>2</u>

Sec. II A. Quantity generated in 1992 Instruction Page 21. <u>1 4 5 0</u>	B. Quantity generated in 1993 Page 21. <u>1 4 0 0</u>	C. UOM Page 21. <u>1</u> Density <u> </u> <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Page 22. <u>M</u>	Quantity treated, disposed, or recycled on site in 1993 <u> </u>	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. <u>M</u>	Quantity treated, disposed, or recycled on site in 1993 <u> </u>

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. <input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC IV) <i>→ carry over to '94'</i>	Site 1 B. EPA ID No. of facility waste was shipped to Page 23. <u> </u>	C. System type shipped to Page 23. <u>M</u>	D. Off-site availability code Page 23. <u> </u>	E. Total quantity shipped in 1993 Page 23. <u> </u>
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. <u> </u>	C. System type shipped to Page 23. <u>M</u>	D. Off-site availability code Page 23. <u> </u>	E. Total quantity shipped in 1993 Page 23. <u> </u>	

Sec. IV A. Did new activities in 1993 result in minimization of this waste? <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)	B. Activity Page 24. <u>LW</u> <u>LW</u>	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25. <u> </u>	E. Activity/production index Page 25. <u> </u>	F. 1993 source reduction quantity Page 26. <u> </u>
---	--	---	---	---	--

Comments: Section I, Box F - Routine Production Operations.
Waste was shipped out in 1994 (Feb 8th, 1994)

4/4/94 OKSM

APV
Entered
4/11/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NM1010171097182



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Photoresist waste, flammable, composed of methanol, acetone, organic resins, xylene, N-Butyl acetate, and polypropylene methoxy acetate. ✓

B. EPA hazardous waste code Page 19. <u>F1003</u> <u>D1001</u> <u>N/A</u> <u>N/A</u> <u>N/A</u>		C. State hazardous waste code Page 19. <u>N/A</u> <u>N/A</u>	
D. SIC code Page 19. <u>3674</u> ✓	E. Origin code System Type <u>LM</u> Page 19	F. Source code Page 20. <u>A89</u> ✓	G. Point of measurement Page 20. <u>1</u> ✓
H. Form code Page 20. <u>B203</u>		I. RCRA - radioactive mixed Page 20. <u>2</u> ✓	

Sec. II A. Quantity generated in 1992 Instruction Page 21. <u>3683.0</u> ✓	B. Quantity generated in 1993 Page 21. <u>4704.0</u>	C. UOM Page 21. <u>5</u>	Density Page 21. <u>1.0</u>	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer (POTW)? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Page 22. <u>LM</u>	Quantity treated, disposed, or recycled on site in 1993 _____	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. <u>LM</u>	Quantity treated, disposed, or recycled on site in 1993 _____	

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC IV)	Site 1 B. EPA ID No. of facility waste was shipped to Page 23. <u>C10D980591184</u> ✓	C. System type shipped to Page 23. <u>M061</u> ✓	D. Off-site availability code Page 23. <u>1</u> ✓	E. Total quantity shipped in 1993 Page 23. <u>3917.0</u> ✓
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. <u>N/A</u>	C. System type shipped to Page 23. <u>LM</u>	D. Off-site availability code Page 23. <u> </u>	E. Total quantity shipped in 1993 Page 23. _____	

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)	B. Activity Page 24. <u>W</u> <u>W</u> <u>W</u> <u>W</u>	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25. _____	E. Activity/production index Page 25. _____	F. 1993 source reduction quantity Page 26. _____
---	--	--	--	--	---

Comments: Section I, Box F - Routine Production Operation. ✓

4/4/94 - OK SM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico
EPA ID NO: NM, D, 0, 0, 0, 7, 0, 9, 7, 8, 2



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Entered 4/1/94

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I	A. Waste description - Instruction page 18. Arsenic contaminated solid debris, toxic, from cleaning sources used in ion implant.					
B. EPA hazardous waste code Page 19. D, 0, 0, 4, N, A, N, A, N, A			C. State hazardous waste code Page 19. N, A, N, A			
D. SIC code Page 19. 3, 6, 7, 4	E. Origin code Page 18 System Type LM	F. Source code Page 20. A, 0, 9	G. Point of measurement Page 20. 1	H. Form code Page 20. B, 3, 1, 9	I. RCRA - radioactive mixed Page 20. 2	

Sec. II	A. Quantity generated in 1992 Instruction Page 21. 3, 0, 8, 0, 0	B. Quantity generated in 1993 Page 21. 3, 5, 0, 0, 0	C. UOM Page 21. 1 Density <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM I) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2		
On-site process system type Page 22. M		Quantity treated, disposed, or recycled on site in 1993		

Sec. III	A. Was any of this waste shipped off-site in 1993 Instruction page 23. <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC. IV)			
Site 1	B. EPA ID No. of facility waste was shipped to Page 23. A, R, D, 0, 6, 9, 7, 4, 8, 1, 9, 2	C. System type shipped to Page 23. M, 0, 4, 3	D. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23. 3, 3, 6, 0, 0
Site 2	B. EPA ID No. of facility waste was shipped to Page 23. N, A	C. System type shipped to Page 23. M	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.

Sec. IV	A. Did new activities in 1993 result in minimization of this waste? Page 24. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM I) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)				
B. Activity Page 24. LW	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.	

Comments: Section I, Box A - Routine production process
Section I, Box H - Arsenic contaminated debris

4/4/94 AKM

✓
AW entered
4/1/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NM100709782



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Photoresist waste, solid, articles contaminated with methanol, acetone, organic resins, xylene, n-butyl acetate, and polypropylene methoxy acetone.

B. EPA hazardous waste code Page 19. F003 NA		C. State hazardous waste code Page 19. NA		
D. SIC code Page 19. 3674	E. Origin code Page 19. LM	F. Source code Page 20. A89	G. Point of measurement Page 20. 1	H. Form code Page 20. BA09

Sec. II A. Quantity generated in 1992 Instruction Page 21. 1441.0	B. Quantity generated in 1993 Page 21. 8646.0	C. UOM Page 21. 1	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2		
On-site process system type Page 22. LM	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Page 22. LM	Quantity treated, disposed, or recycled on site in 1993

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC IV)				
Site 1	B. EPA ID No. of facility waste was shipped to Page 23. AR1069748192	C. System type shipped to Page 23. M043	D. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23. 7467.0
Site 2	B. EPA ID No. of facility waste was shipped to Page 23. NA	C. System type shipped to Page 23. LM	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)				
B. Activity Page 24. LW	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.

Comments: Section I, Box F - Routine Production Operations.
Section I, Box H - Articles contaminated with resist waste.

4/4/94

OR SM



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

Handwritten notes: "4/4/94" and "checked" with a checkmark.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NM10100709782

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Spent charcoal, waste, from our solvent scrubber system

B. EPA hazardous waste code Page 19: D019, D039, F002, F003, N/A
C. State hazardous waste code Page 19: N/A, N/A

D. SIC code Page 19: 3674
E. Origin code Page 19: 1
F. Source code Page 20: A78
G. Point of measurement Page 20: 1
H. Form code Page 20: B404
I. RCRA - radioactive mixed Page 20: 2

Sec. II A. Quantity generated in 1992: 9600.0
B. Quantity generated in 1993: 8250.0
C. UOM Page 21: 1
D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1
On-site process system type Page 22: M
Quantity treated, disposed, or recycled on site in 1993: _____
ON-SITE PROCESS SYSTEM 2
On-site process system type Page 22: M
Quantity treated, disposed, or recycled on site in 1993: _____

Sec. III A. Was any of this waste shipped off-site in 1993 1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC IV)

Site 1 B. EPA ID No. of facility waste was shipped to Page 23: ARD069748192
C. System type shipped to Page 23: M043
D. Off-site availability code Page 23: 1
E. Total quantity shipped in 1993 Page 23: 9600.0
Site 2 B. EPA ID No. of facility waste was shipped to Page 23: N/A
C. System type shipped to Page 23: M
D. Off-site availability code Page 23: _____
E. Total quantity shipped in 1993 Page 23: _____

Sec. IV A. Did new activities in 1993 result in minimization of this waste? 1 Yes (CONTINUE TO SYSTEM 1) 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24: LW
C. Other effects Page 24: 1 Yes 2 No
D. Quantity recycled in 1993 due to new activities Page 25: _____
E. Activity/production index Page 25: _____
F. 1993 source reduction quantity Page 26: _____

Comments:

4/4/94 OK

✓
AW
m typed
4/1/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NM101010171019171812



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18.
Used filters, solid, used in pump systems which contain acetone, methanol, & CCL4

B. EPA hazardous waste code Page 19. F 0 0 2 F 0 0 3 N A N A N A		C. State hazardous waste code Page 19. N A N A			
D. SIC code Page 19. 3 6 7 4	E. Origin code Page 18 System Type LM	F. Source code Page 20. A 5 5	G. Point of measurement Page 20. 1	H. Form code Page 20. B 3 1 0	I. RCRA - radioactive mixed Page 20. 2

Sec. II A. Quantity generated in 1992 Instruction Page 21. 1 2 1 0	B. Quantity generated in 1993 Page 21. <i>Corrected SM 4/4/94</i> 2 5 3 0 0	C. UOM Page 21. 1 <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Page 22. LM	Quantity treated, disposed, or recycled on site in 1993	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. LM	Quantity treated, disposed, or recycled on site in 1993

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC IV)	Site 1 B. EPA ID No. of facility waste was shipped to Page 23. A R D 0 6 9 7 4 8 1 9 2	C. System type shipped to Page 23. M 0 4 3	D. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23. 2 2 0 0 0
Site 2 B. EPA ID No. of facility waste was shipped to Page 23. N A	C. System type shipped to Page 23. LM	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.	

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)	B. Activity Page 24. LW LW LW LW	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 28.
---	--	--	---	---------------------------------------	--

Comments:

4/4/94 OK-M



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Handwritten notes: "Not entered 4/4/94" with a checkmark

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors Albuquerque, New Mexico
EPA ID NO: NM1000709782

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Waste organic solvents, flammable, from micro-electronics photo process that contains water, acetone, isopropanol, n-methyl pyrrolidone, poly silicates, and dichloroethylene.

B. EPA hazardous waste code Page 19: F003, D001, F002, N/A, N/A
C. State hazardous waste code Page 19: N/A, N/A
D. SIC code Page 19: 3674
E. Origin code Page 19: System, Type LM
F. Source code Page 20: A89
G. Point of measurement Page 20: 1
H. Form code Page 20: B204
I. RCRA - radioactive mixed Page 20: 2

Sec. II A. Quantity generated in 1992: 910.8
B. Quantity generated in 1993: 484.3
C. UOM: 5, Density: 10.90 (1 lbs/gal, 2 sg)
D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Yes (CONTINUE TO SYSTEM 1), 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 and 2: On-site process system type and Quantity treated, disposed, or recycled on site in 1993.

Sec. III A. Was any of this waste shipped off-site in 1993? 1 Yes (CONTINUE TO BOX B), 2 No (SKIP TO SEC IV)
Site 1: B. EPA ID No. of facility waste was shipped to: C10D980591184; C. System type shipped to: M041; D. Off-site availability code: 1; E. Total quantity shipped in 1993: 377.0
Site 2: B. EPA ID No. of facility waste was shipped to: N/A; C. System type shipped to: M; D. Off-site availability code: ; E. Total quantity shipped in 1993: .

Sec. IV A. Did new activities in 1993 result in minimization of this waste? 1 Yes (CONTINUE TO SYSTEM 1), 2 No (THIS FORM IS COMPLETE)
B. Activity Page 24: W, W, W, W
C. Other effects Page 24: 1 Yes, 2 No
D. Quantity recycled in 1993 due to new activities Page 25: .
E. Activity/production index Page 25: .
F. 1993 source reduction quantity Page 26: .

Comments:

4/4/94 PK 5M

✓
As ordered
4/1/94

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NMID 0000 7009 7812



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Lab pack of old chemicals and lab waste. ✓						
B. EPA hazardous waste code Page 19. D10102 ✓ D10101 ✓ F10102 ✓ D10103 ✓ D10105 ✓			C. State hazardous waste code Page 19. N/A N/A			
D. SIC code Page 19. 36714 ✓	E. Origin code System Page 19 LM ✓	F. Source code Page 20. A58 ✓	G. Point of measurement Page 20. 1 ✓	H. Form code Page 20. B001	I. RCRA - radioactive mixed Page 20. 2 ✓	

Sec. II A. Quantity generated in 1992 Instruction Page 21. N/A	B. Quantity generated in 1993 Page 21. 119.0	C. UOM Page 21. 1 □ 1 lbs/gal □ 2 sg	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. □ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1 On-site process system type Page 22. M	Quantity treated, disposed, or recycled on site in 1993	ON-SITE PROCESS SYSTEM 2 On-site process system type Page 22. M	Quantity treated, disposed, or recycled on site in 1993

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. X 1 Yes (CONTINUE TO BOX B) □ 2 No (SKIP TO SEC IV)	B. EPA ID No. of facility waste was shipped to Page 23. LAD 010 395 127	C. System type shipped to Page 23. M125	D. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23. 119.0 ✓
Site 2	B. EPA ID No. of facility waste was shipped to Page 23. N/A	C. System type shipped to Page 23. LM	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. □ 1 Yes (CONTINUE TO SYSTEM 1) X 2 No (THIS FORM IS COMPLETE)	B. Activity Page 24. LW LW LW LW	C. Other effects Page 24. □ 1 Yes □ 2 No	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
--	--	--	---	---------------------------------------	--

Comments: Section I, Box B - additional codes - U080, D008, D011, P098, P018, P022, U031, Section III, Box C-Chemicals may have been } D004, D006, D007. treated separately. ✓

4/4/94 SM



U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

Handwritten: Env. Dept. 4/1/94 ✓

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Philips Semiconductors
Albuquerque, New Mexico

EPA ID NO: NM1D1000171091782

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste treatment, disposal, or recycling system description
Instruction Page 38. Wastewater neutralization pretreatment system or acid/caustic waste stream

B. System type Page 38. <u>M121</u> ✓	C. Regulatory status Page 39. <u>03</u> ✓	D. Operational status Page 39. <u>01</u> ✓	E. Unit types Page 39. <u>10 N/A</u>
---	---	--	--

Sec. II A. 1993 influent quantity
Instruction page 40. *corrected 12/20/94 per David Paulson*

Total <u>279231058.0</u> UOM <u>5</u> Density <u>1.00</u>	Total <u>31682000.0</u>
RCRA <u>53650.2</u> <input type="checkbox"/> 1 lbs/gal <input checked="" type="checkbox"/> 2 sg	RCRA <u>0.0</u>

C. 1993 liquid effluent quantity
Instruction page 42. *corrected 12/20/94 per David Paulson*

Total <u>279231058.0</u> UOM <u>5</u> Density <u>1.00</u>	Total <u>N/A</u> UOM <u> </u> Density <u> </u>
RCRA <u>0.0</u> <input type="checkbox"/> 1 lbs/gal <input checked="" type="checkbox"/> 2 sg	RCRA <u>N/A</u> <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg

E. Limitation on maximum operational capacity Page 43. 1. <u>09</u> 2. <u>N/A</u> 3. <u>N/A</u>	F. Commercial capacity availability code Page 43. <u>1</u> ✓	G. Percent capacity commercially available Page 43. <u>0</u> %
---	--	--

Comments: Section I, Box E - Wastewater treatment system using 5 neutralization vaults.
Section II, Boxes A, C - Calculated using incoming water supply for our D.I. Plant with total chemicals (ACIDS/BASES) used and water from acid scrubbers. These quantities are estimated, we are not required to monitor effluent volume per our City Wastewater Permit.