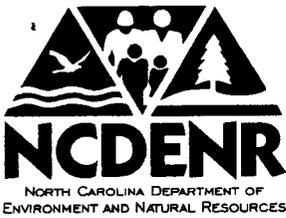


50 Compliance

Alamance County 01-02

0102Com



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance PERMIT NO.: 01-02 FILE TYPE: COMPLIANCE
Closed MSWLF	HHW	White goods	Incin	T&P	FIRM	
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF	

Date of Audit: 08/02/06.

Date of Last Audit: 07/19/06

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

GPS COORDINATES: (Decimal Degrees) N: 36.06564 E: 79.34915

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8900 ext.23

FACILITY CONTACT ADDRESS (IF DIFFERENT):

Same

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued: January 31, 1991
 Permit Modification Issued: January 9, 1998
 Permit renewal with name change and revised Operational Plans: September 15, 2003
Permit Expiration Date: September 15, 2008

PURPOSE OF AUDIT:

Follow-up concerning ash analysis

NOTICE OF VIOLATION(S) (citation and explanation):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

None



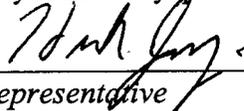
FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

AREAS OF CONCERN AND COMMENTS:

1. The facility is a medical waste treatment operation consisting of two incinerators. The site typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. Received a phone call from J. W. Hill of Stericycle on July 17, 2006 concerning results of analysis from recent ash sampling. The TCLP analysis indicated the lead levels were exceeding the regulatory limits of 5.0mg/l. The facility is to hold the ash roll-off container and will conduct sampling and analysis of all ash containers before shipment to a landfill, and is to contact the Hazardous Waste Section for guidance on disposal and manifesting.
3. Met with J. W. Hill for an inspection of the facility and to discuss the ash analysis on July 19, 2006. A second sampling and analysis of the ash container in question also revealed lead levels in excess of the regulatory limits (See attachments #1 and #2). It was agreed all ash roll-off containers are to be sampled and have analysis conducted before shipment, and this procedure will continue until otherwise notified. Review of the TCLP analysis indicated no other parameters were questionable, so lead is the only TCLP analysis to be conducted on the subsequent containers. The facility is attempting to identify the source of the elevated lead levels.
4. Met with Mr. Hill on August 3, 2006 to discuss the analysis results of ash roll-off containers, which had been generated in the past two weeks (See attachment #3). Of the six containers generated, three exceeded the regulatory limits for the ash. The ash containers are covered and being stored at the site.
5. Discussed the current ash sampling procedures (composite sampling) at the site. There appears to be nothing in the ash sampling procedures to account for the recent excessive levels of lead. The facility is investigating the potential causes of the elevated lead levels.
6. Reviewed an ash sampling procedure utilized by other Stericycle facilities as a potential future procedure for the Haw River facility. Benefits of this sampling procedure would include continuous sampling of ash as it is generated from the incinerator units. If Stericycle would like to modify current procedures, the proposed ash sampling procedure/protocol and a change in the operations plan should be submitted to the Solid Waste Section for prior approval and permit modifications.
7. Mr. Hill has been in contact with, and has met with the Hazardous Waste Section on manifesting, permitting, and disposal options. Stericycle has been in contact and is getting quotes from hazardous waste disposal facilities, which are permitted to accept the ash with the excess lead levels.
8. The facility will continue to sample all ash containers, and forward the results to the Solid Waste Section.

Please contact me if you have any questions or concerns regarding this audit report.

Hugh Jernigan  Phone: 336-771-5093
Regional Representative

Distribution: original signed copy to facility -- signed copy to compliance officer -- e-mail or copy to super

Delivered on : <u>08/08/06</u> by		hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No. <input type="checkbox"/>
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Cc: Mark Poindexter
 Brent Rockett
 WSRO Files

Lab Project Number: 92122303
 Client Project ID: June 06 Ash/Sludge Sample

Solid results are reported on a dry weight basis

Lab Sample No: 927146282 Project Sample Number: 92122303-001 Date Collected: 06/27/06 08:00
 Client Sample ID: ASH/SLUDGE-62706 Matrix: Other Date Received: 06/29/06 14:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	06/30/06 13:00				06/30/06 13:00				
<i>Limits 2/27</i>									
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	5.0	0.029	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7440-38-2		
Barium	100.0	2.6	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7440-39-3		
Cadmium	1.0	0.014	mg/l	0.0050	1.0	07/04/06 02:29	JDA1 7440-43-9		
Chromium	5.0	0.014	mg/l	0.010	1.0	07/04/06 02:29	JDA1 7440-47-3		
Copper		0.15	mg/l	0.010	1.0	07/04/06 02:29	JDA1 7440-50-8		
Lead	5.0	85.	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7439-92-1		
Manganese		2.4	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7439-96-5		
Nickel		0.69	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7440-02-0		
Selenium		ND	mg/l	0.025	1.0	07/04/06 02:29	JDA1 7782-49-2		
Silver	5.0	ND	mg/l	0.010	1.0	07/04/06 02:29	JDA1 7440-22-4		
Zinc		32.	mg/l	0.050	1.0	07/04/06 02:29	JDA1 7440-66-6		
Total Hardness		1200	mg/l	10.	1.0	07/04/06 02:29	JDA1		
Date Digested	07/03/06 10:00				07/03/06 10:00				

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals, Trace ICP									
Prep/Method: EPA 3050 / EPA 6010									
Arsenic	1.1	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-38-2		
Barium	1600	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-39-3		
Cadmium	ND	mg/kg	0.19	1.9	07/03/06 20:54	ALV	7440-43-9		
Chromium	16.	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-47-3		
Copper	960	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-50-8		
Lead	3100	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7439-92-1		
Manganese	110	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7439-96-5		
Nickel	38.	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-02-0		
Selenium	ND	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7782-49-2		
Silver	75.	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-22-4		
Zinc	1600	mg/kg	1.9	1.9	07/03/06 20:54	ALV	7440-66-6		
Date Digested	07/05/06 10:00				07/05/06 10:00				

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Mercury, CVAAS, TCLP Leachate									
Method: EPA 7470									
Mercury	0.2	ND	mg/l	0.00020	1.0	07/05/06 11:07	ALV	7439-97-6	

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Mercury, CVAAS, in Soil									
Method: EPA 7471									
Mercury	0.10	mg/kg	0.0083	1.7	06/30/06 11:40	ALV	7439-97-6		

Date: 07/06/06

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Asheville Certification IDs
 NC Wastewater 40
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 SC 99006
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Lab Project Number: 92122303
Client Project ID: June 06 Ash/Sludge Sample

Lab Sample No: 927146282
Client Sample ID: ASH/SLUDGE-62706

Project Sample Number: 92122303-001
Matrix: Other
Date Collected: 06/27/06 08:00
Date Received: 06/29/06 14:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	48.5	%			1.0	06/30/06 12:57	TNM		
pH	Method: EPA 9045								
pH	8.18	units			1.0	06/30/06 09:05	MLS1		
Paint Filter Liquids Test									
Free Liquids	Method: EPA 9095								
Free Liquids	ND	ml/5min	1.0		1.0	06/29/06 22:50	CD1		

Date: 07/06/06

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Lab Project Number: 92122303
Client Project ID: June 06 Ash/Sludge Sample

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit

Date: 07/06/06

Page: 3 of 3

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Attachment
#2

Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

Solid results are reported on a dry weight basis

Lab Sample No: 927178855 Project Sample Number: 92122930-001 Date Collected: 07/11/06 11:30
Client Sample ID: ASH/SLUDGE 71106 Matrix: Other Date Received: 07/11/06 16:35

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
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Metals

Trace ICP Metals, TCLP Leach. Method: EPA 6010
Date Digested 07/12/06 12:45 07/12/06 12:45

Trace ICP Metals, TCLP Leach. Prep/Method: EPA 3010 / EPA 6010

Arsenic	ND	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-38-2		
Barium	1.8	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-39-3		
Cadmium	0.016	mg/l	0.0050	1.0	07/14/06 10:27	EWS	7440-43-9		
Chromium	0.029	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-47-3		
Copper	5.6	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-50-8		
Lead	12.	mg/l	0.025	1.0	07/14/06 10:27	EWS	7439-92-1		
Manganese	3.1	mg/l	0.025	1.0	07/14/06 10:27	EWS	7439-96-5		
Nickel	1.6	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-02-0		
Selenium	ND	mg/l	0.025	1.0	07/14/06 10:27	EWS	7782-49-2		
Silver	ND	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-22-4		
Zinc	23.	mg/l	0.050	1.0	07/14/06 10:27	EWS	7440-66-6		
Total Hardness	860	mg/l	10.	1.0	07/14/06 10:27	EWS			
Date Digested	07/13/06 18:30				07/13/06 18:30				

Metals, Trace ICP Prep/Method: EPA 3050 / EPA 6010

Arsenic	2.3	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-38-2		
Barium	3300	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-39-3		
Cadmium	ND	mg/kg	0.18	1.8	07/13/06 15:23	SAJ	7440-43-9		
Chromium	110	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-47-3		
Copper	700	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-50-8		
Lead	690	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7439-92-1		
Manganese	190	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7439-96-5		
Nickel	210	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-02-0		
Selenium	ND	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7782-49-2		
Silver	46.	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-22-4		
Zinc	2400	mg/kg	1.8	1.8	07/13/06 15:23	SAJ	7440-66-6		
Date Digested	07/12/06 17:03				07/12/06 17:03				

Mercury, CVAAS, TCLP Leachate Method: EPA 7470
Mercury 0.00020 mg/l 0.00020 1.0 07/14/06 13:00 ALV 7439-97-6

Mercury, CVAAS, in Soil Method: EPA 7471
Mercury 0.045 mg/kg 0.0090 1.8 07/13/06 12:15 SHB 7439-97-6

Date: 07/17/06

Page: 1 of 3

Asheville Certification IDs
NC Wastewater 40
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SC 99006
FL NELAP E87627

Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

Lab Sample No: 927178855 Project Sample Number: 92122930-001 Date Collected: 07/11/06 11:30
Client Sample ID: ASH/SLUDGE 71106 Matrix: Other Date Received: 07/11/06 16:35

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	44.4	%		1.0	07/12/06 09:56	TNM			
pH	Method: EPA 9045								
pH	7.57	units		1.0	07/13/06 12:20	MLS1			
Paint Filter Liquids Test	Method: EPA 9095								
Free Liquids	ND	ml/5min	1.0	1.0	07/14/06 16:40	SHB			

Date: 07/17/06

Page: 2 of 3

Asheville Certification IDs

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Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit

Date: 07/17/06

Page: 3 of 3

Asheville Certification IDs

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.....

Attachment
3

Stericycle, Inc.
J.W. Hill
1168 Porter Ave.
Haw River, NC 27258
Ph 336-578-8900 ext. 23
Fax 336-578-8903

If you prefer not to receive future faxes, please call (866) 783-7422 or fax your opt-out request to (866) 783-7432.

Facsimile transmittal

To: Hugh Jernigan	Fax: 919-733-4810
From: J. W. Hill	Date: 08-2-06
Re: Analytical Reports	Pages: 12
CC:	

Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

Comments:

.....



Pace Analytical Services, Inc.
9800 Kinsey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92123705
Client Project ID: Ash/Sludge

Solid results are reported on a dry weight basis

Lab Sample No: 927221648 Project Sample Number: 92123705-001 Date Collected: 07/20/06 07:30
Client Sample ID: ASH/SLUDGE #2 CAN Matrix: Other Date Received: 07/21/06 09:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	Req/Lmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/24/06 13:30				07/24/06 13:30				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	17.	mg/l	0.025	1.0	07/26/06 04:50	ALV	7439-92-1		
Date Digested	07/25/06 12:00				07/25/06 12:00				

Date: 07/27/06

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 Phone: 704.875.9092
 Fax: 704.875.9091

Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92123705
 Client Project ID: Ash/Sludge

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit

Date: 07/27/06

Page: 2 of 2

Asheville Certification IDs
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9800 Kinsey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92123827
Client Project ID: Ash/Sludge

Solid results are reported on a dry weight basis

Lab Sample No: 927228668 Project Sample Number: 92123827-001 Date Collected: 07/21/06 07:30
Client Sample ID: ASH/SLUDGE #3 CAN Matrix: Other Date Received: 07/24/06 09:15

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/25/06 13:30				07/25/06 13:30				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	1.8	mg/l	0.025	1.0	07/27/06 17:43	ALV	7439-92-1		
Date Digested	07/26/06 08:35				07/26/06 08:35				

Date: 07/28/06

Page: 1 of 3

Asheville Certification IDs
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 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92123827
 Client Project ID: Ash/Sludge

Lab Sample No: 927228684 Project Sample Number: 92123827-002 Date Collected: 07/22/06 07:30
 Client Sample ID: ASH/SLUDGE #4 CAN Matrix: Other Date Received: 07/24/06 09:15

Parameters	Results	Units	Report Limit	DP	Analyzed	By	CAS No.	Qual	ReqLmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/25/06 13:30				07/25/06 13:30				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	0.60	mg/l	0.025	1.0	07/27/06 17:47	ALV	7439-92-1		
Date Digested	07/26/06 08:35				07/26/06 08:35				

Date: 07/28/06

Page: 2 of 3

Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
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 NC Drinking Water 37708
 SC 99006
 FL NELAP E87627



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 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92123827
 Client Project ID: Ash/Sludge

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit

Date: 07/28/06

Page: 3 of 3

Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
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Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92123860
Client Project ID: Ash/Sludge 7/24

Solid results are reported on a dry weight basis

Lab Sample No: 927231779 Project Sample Number: 92123860-001 Date Collected: 07/24/06 07:00
Client Sample ID: ASH/SLUDGE #5 CAN Matrix: Other Date Received: 07/25/06 09:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	Req/Lmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/26/06 14:00				07/26/06 14:00				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	ND	mg/l	0.025	1.0	07/27/06 18:35	SHB	7439-92-1		
Date Digested	07/27/06 09:30				07/27/06 09:30				

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 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92123850
 Client Project ID: Ash/Sludge 7/24

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
 NC Not Calculable
 J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 MDL Adjusted Method Detection Limit

Date: 07/28/06

Page: 2 of 2

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92123987
Client Project ID: Ash/Sludge

Solid results are reported on a dry weight basis

Lab Sample No: 927237644 Project Sample Number: 92123987-001 Date Collected: 07/25/06 06:30
Client Sample ID: ASH/SLUDGE #6 CAN Matrix: Other Date Received: 07/26/06 10:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	Req/Lmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/27/06 13:00				07/27/06 13:00				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	6.6	mg/l	0.025	1.0	07/29/06 17:48	JDA1	7439-92-1		
Date Digested	07/28/06 07:45				07/28/06 07:45				

Date: 07/31/06

Page: 1 of 2

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92123987
Client Project ID: Ash/Sludge

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
 NC Not Calculable
 J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 MDL Adjusted Method Detection Limit

Date: 07/31/06

Page: 2 of 2

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 2225 Riverside Drive
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 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92124062
 Client Project ID: Ash/Sludge

Solid results are reported on a dry weight basis

Lab Sample No: 927241653 Project Sample Number: 92124062-001 Date Collected: 07/26/06 06:30
 Client Sample ID: ASH/SLUDGE #7 CAN Matrix: Other Date Received: 07/27/06 09:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	Req/Lmt
Metals									
Trace ICP Metals, TCLP Leach.	Method: EPA 6010								
Date Digested	07/28/06 13:30				07/28/06 13:30				
Trace ICP Metals, TCLP Leach.	Prep/Method: EPA 3010 / EPA 6010								
Lead	10.	mg/l	0.025	1.0	07/30/06 16:39	EWS	7439-92-1		
Date Digested	07/30/06 10:00				07/30/06 10:00				

Date: 07/31/06

Page: 1 of 2

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 2225 Riverside Drive
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 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92124062
 Client Project ID: Ash/Sludge

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit

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revised 8/7/2006 5:21 PM

2

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alamance PERMIT NO.: 01-02 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 7/19/06.

Date of Last Audit: 12/07/05

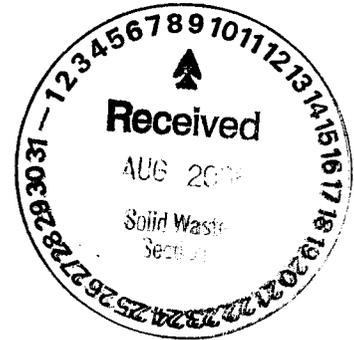
FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

GPS COORDINATES: (Decimal Degrees) N: 36.06564 E: 79.34915

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8900 ext.23



FACILITY CONTACT ADDRESS (IF DIFFERENT):

Same

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued: January 31, 1991
 Permit Modification Issued: January 9, 1998
 Permit renewal with name change and revised Operational Plans: September 15, 2003
Permit Expiration Date: September 15, 2008

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

None

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

AREAS OF CONCERN AND COMMENTS:

1. The facility is a medical waste treatment operation consisting of two incinerators. The site typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. Received a phone call from J. W. Hill of Stericycle on July 17, 2006 concerning results of analysis from recent ash sampling. The TCLP analysis indicated the lead levels were exceeding the regulatory limits of 5.0 mg/l. The facility is to hold the ash roll-off container and will conduct sampling and analysis of all ash containers before shipment to a landfill, and is to contact the Hazardous Waste Section for guidance on disposal and manifesting.
3. Met with J. W. Hill for an inspection of the facility and to discuss the ash analysis on July 19, 2006. A second sampling and analysis of the ash container in question also revealed lead levels in excess of the regulatory limits (See attachments #1 and #2). It was agreed all ash roll-off containers are to be sampled and have analysis conducted before shipment, and this procedure will continue until otherwise notified. Review of the TCLP analysis indicated no other parameters were questionable, so lead is the only TCLP analysis to be conducted on the subsequent containers. The facility is attempting to identify the source of the elevated lead levels.
4. At the time of the inspection, incinerator # 1 was down for routine maintenance (for the past week) and incinerator #2 was in operation.
5. Reviewed the permit, operational plans including contingency plans, and operational logs.
6. Ash disposal from the incinerator operations is conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations. Disposal records and the Annual Facility Report for the period July 2005-June 2006 showed 3,455.96 tons of ash was generated and disposed.
7. Reviewed incinerator operation and operational records.
8. Conducted spot check review of hourly charging rates for incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures, which were noted to be in compliance.
9. Ash generated by the incinerator operations is processed through a water squelch, is transferred to roll-off containers, and dewatered prior to shipment to the landfill
10. Conducted spot checks on medical waste manifest and certificate of destruction records.
11. Most medical waste received by the facility is processed within two days of receipt.
12. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
13. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trucks and trailers.

Please contact me if you have any questions or concerns regarding this audit report.

Hugh Jernigan

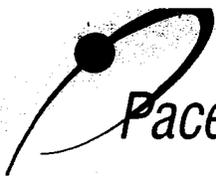
Hugh Jernigan
Regional Representative

Phone: 336-771-5093

Distribution: original signed copy to facility -- signed copy to compliance officer – e-mail or copy to super

Delivered on : 08/07/06 by		hand delivery	x	US Mail		Certified No. []
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Cc: Mark Poindexter
Brent Rockett
WSRO Files



Attachment # 1
Pace Analytical®
 www.pacelabs.com

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 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92122303
 Client Project ID: June 06 Ash/Sludge Sample

Solid results are reported on a dry weight basis

Lab Sample No: 927146282 Project Sample Number: 92122303-001 Date Collected: 06/27/06 08:00
 Client Sample ID: ASH/SLUDGE-62706 Matrix: Other Date Received: 06/29/06 14:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Metals									
Trace ICP Metals, TCLP Leach. Method: EPA 6010									
Date Digested	06/30/06 13:00				06/30/06 13:00				
<i>Limits 7/2/07</i>									
Trace ICP Metals, TCLP Leach. Prep/Method: EPA 3010 / EPA 6010									
Arsenic	5.0	0.029	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7440-38-2	
Barium	100.0	2.6	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7440-39-3	
Cadmium	1.0	0.014	mg/l	0.0050	1.0	07/04/06 02:29	JDA1	7440-43-9	
Chromium	5.0	0.014	mg/l	0.010	1.0	07/04/06 02:29	JDA1	7440-47-3	
Copper		0.15	mg/l	0.010	1.0	07/04/06 02:29	JDA1	7440-50-8	
Lead	5.0	85.	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7439-92-1	
Manganese		2.4	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7439-96-5	
Nickel		0.69	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7440-02-0	
Selenium		ND	mg/l	0.025	1.0	07/04/06 02:29	JDA1	7782-49-2	
Silver	5.0	ND	mg/l	0.010	1.0	07/04/06 02:29	JDA1	7440-22-4	
Zinc		32.	mg/l	0.050	1.0	07/04/06 02:29	JDA1	7440-66-6	
Total Hardness		1200	mg/l	10.	1.0	07/04/06 02:29	JDA1		
Date Digested	07/03/06 10:00				07/03/06 10:00				

Metals, Trace ICP									
Prep/Method: EPA 3050 / EPA 6010									
Arsenic		1.1	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-38-2	
Barium		1600	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-39-3	
Cadmium		ND	mg/kg	0.19	1.9	07/03/06 20:54	ALV	7440-43-9	
Chromium		16.	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-47-3	
Copper		960	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-50-8	
Lead		3100	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7439-92-1	
Manganese		110	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7439-96-5	
Nickel		38.	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7440-02-0	
Selenium		ND	mg/kg	0.95	1.9	07/03/06 20:54	ALV	7782-49-2	
Silver		75.	mg/kg	0.38	1.9	07/03/06 20:54	ALV	7440-22-4	
Zinc		1600	mg/kg	1.9	1.9	07/03/06 20:54	ALV	7440-66-6	
Date Digested	07/05/06 10:00				07/05/06 10:00				

Mercury, CVAAS, TCLP Leachate Method: EPA 7470									
Mercury	0.2	ND	mg/l	0.00020	1.0	07/05/06 11:07	ALV	7439-97-6	

Mercury, CVAAS, in Soil Method: EPA 7471									
Mercury		0.10	mg/kg	0.0083	1.7	06/30/06 11:40	ALV	7439-97-6	

Date: 07/06/06

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Lab Project Number: 92122303
Client Project ID: June 06 Ash/Sludge Sample

Lab Sample No: 927146282 Project Sample Number: 92122303-001 Date Collected: 06/27/06 08:00
Client Sample ID: ASH/SLUDGE-62706 Matrix: Other Date Received: 06/29/06 14:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	48.5	%			1.0	06/30/06 12:57	TNM		
pH	Method: EPA 9045								
pH	8.18	units			1.0	06/30/06 09:05	MLS1		
Paint Filter Liquids Test									
Free Liquids	Method: EPA 9095								
Free Liquids	ND	ml/5min	1.0		1.0	06/29/06 22:50	CD1		

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Lab Project Number: 92122303
Client Project ID: June 06 Ash/Sludge Sample

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit

Date: 07/06/06

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Attachment
#2

Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

Solid results are reported on a dry weight basis

Lab Sample No: 927178855 Project Sample Number: 92122930-001 Date Collected: 07/11/06 11:30
Client Sample ID: ASH/SLUDGE 71106 Matrix: Other Date Received: 07/11/06 16:35

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Trace ICP Metals, TCLP Leach. Method: EPA 6010
Date Digested 07/12/06 12:45 07/12/06 12:45

Trace ICP Metals, TCLP Leach. Prep/Method: EPA 3010 / EPA 6010

Arsenic	ND	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-38-2		
Barium	1.8	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-39-3		
Cadmium	0.016	mg/l	0.0050	1.0	07/14/06 10:27	EWS	7440-43-9		
Chromium	0.029	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-47-3		
Copper	5.6	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-50-8		
Lead	12.	mg/l	0.025	1.0	07/14/06 10:27	EWS	7439-92-1		
Manganese	3.1	mg/l	0.025	1.0	07/14/06 10:27	EWS	7439-96-5		
Nickel	1.6	mg/l	0.025	1.0	07/14/06 10:27	EWS	7440-02-0		
Selenium	ND	mg/l	0.025	1.0	07/14/06 10:27	EWS	7782-49-2		
Silver	ND	mg/l	0.010	1.0	07/14/06 10:27	EWS	7440-22-4		
Zinc	23.	mg/l	0.050	1.0	07/14/06 10:27	EWS	7440-66-6		
Total Hardness	860	mg/l	10.	1.0	07/14/06 10:27	EWS			
Date Digested	07/13/06 18:30				07/13/06 18:30				

Metals, Trace ICP Prep/Method: EPA 3050 / EPA 6010

Arsenic	2.3	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-38-2		
Barium	3300	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-39-3		
Cadmium	ND	mg/kg	0.18	1.8	07/13/06 15:23	SAJ	7440-43-9		
Chromium	110	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-47-3		
Copper	700	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-50-8		
Lead	690	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7439-92-1		
Manganese	190	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7439-96-5		
Nickel	210	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7440-02-0		
Selenium	ND	mg/kg	0.88	1.8	07/13/06 15:23	SAJ	7782-49-2		
Silver	46.	mg/kg	0.35	1.8	07/13/06 15:23	SAJ	7440-22-4		
Zinc	2400	mg/kg	1.8	1.8	07/13/06 15:23	SAJ	7440-66-6		
Date Digested	07/12/06 17:03				07/12/06 17:03				

Mercury, CVAAS, TCLP Leachate Method: EPA 7470
Mercury 0.00020 mg/l 0.00020 1.0 07/14/06 13:00 ALV 7439-97-6

Mercury, CVAAS, in Soil Method: EPA 7471
Mercury 0.045 mg/kg 0.0090 1.8 07/13/06 12:15 SHB 7439-97-6

Date: 07/17/06

Page: 1 of 3

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

Lab Sample No: 927178855 Project Sample Number: 92122930-001 Date Collected: 07/11/06 11:30
Client Sample ID: ASH/SLUDGE 71106 Matrix: Other Date Received: 07/11/06 16:35

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	44.4	%			1.0	07/12/06 09:56	TNM		
pH	Method: EPA 9045								
pH	7.57	units			1.0	07/13/06 12:20	MLS1		
Paint Filter Liquids Test	Method: EPA 9095								
Free Liquids	ND	ml/5min	1.0		1.0	07/14/06 16:40	SHB		

Date: 07/17/06

Page: 2 of 3

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Lab Project Number: 92122930
Client Project ID: Ash Sample 71106

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

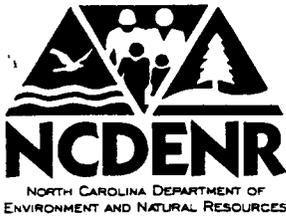
Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

3 ✓

UNIT TYPE: (check all that apply to this audit with same Permit number)										
Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance PERMIT NO.: 01-02-1 FILE TYPE: COMPLIANCE				
Closed MSWLF	HHW	White goods	Incin	<input checked="" type="checkbox"/>	T&P					FIRM
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF					

Date of Audit: 04/12/05.

Date of Last Audit: 09/08/04

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8900
 800-643-0240 ext. 3016

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Jason Watkins, N.C. Solid Waste Section
 Bill Patrakis, N.C. Solid Waste Section
 Hugh Jernigan, N.C. Solid Waste Section



STATUS OF PERMIT:

Original Permit Issued: January 31, 1991
 Permit Modification Issued: January 9, 1998
 Permit renewal with name change and revised Operational Plans: September 15, 2003
 Permit Expiration Date: September 15, 2008

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

OTHER COMMENTS /SUGGESTIONS:

1. The facility is a medical waste treatment facility consisting of two incinerators, and typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. At the time of the inspection, both Incinerators # 1 and #2 were in operation.
3. Reviewed the permit, operational plans including contingency plans, and operational logs.
4. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted December 2004.
5. Reviewed the results of the ash analysis conducted December, 2004. Next ash analysis due June 2005.
6. Ash disposal from the incinerator operations is conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations. Review of disposal records maintained at the site indicated 346.79 tons of ash was sent to the landfill for disposal during March 2005. For the year 2004 records indicate 3,759.33 tons of ash was generated and disposed.
7. Reviewed incinerator operation and operational records.
8. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures, which were noted to be in compliance.
9. Ash generated by the incinerator operations is processed through a water squelch, is transferred to roll-off containers, and dewatered prior to shipment to the landfill
10. Conducted spot checks on medical waste manifest and certificate of destruction records.
11. Conducted spot checks on medical waste trailers on site, as to time on site and operational refrigeration units.
12. Most medical waste received by the facility is processed within two days of receipt.
13. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
14. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trucks and trailers.

Please contact me if you have any questions or concerns regarding this audit report.

Hugh Jernigan

Hugh Jernigan
Regional Representative

Phone: 336-771-4608 ext. 385

Distribution: original signed copy to facility -- signed copy to compliance officer – e-mail or copy to super

Delivered on : <u>04/13/05</u> by		hand delivery	<input checked="" type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. []
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CC: ~~Mark Poindexter~~
Brent Rockett
WSRO Files



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

✓
4

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance PERMIT NO.: 01-02-I . FILE TYPE: COMPLIANCE	
Closed MSWLF	HHW	White goods	Incin	<input checked="" type="checkbox"/>	T&P		FIRM
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill		DEMO		SDTF

Date of Audit: 09/08/04.

Date of Last Audit: 02/24/04

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Alan Skrzypczak, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91
 Modified 12/9/98
 Renewed with name change and revised Operational Plans 9/15/03
 Permit Expires 9/15/08

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

OTHER COMMENTS /SUGGESTIONS:

1. The facility is a medical waste treatment facility consisting of two incinerators, and typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. At the time of the inspection, Incinerator # 1 and #2 were in operation.
3. Reviewed the permit, operational plans, and operational logs.
4. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted June, 2004 .
5. The results of ash analysis from December, 2003 have been reviewed. Next ash analysis due December, 2004.
6. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
7. Reviewed operational records.
8. Conducted spot check review of previous hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
9. Conducted spot checks on manifest and certificate of destruction records. All waste was noted to be treated (incinerated) within 7 days of collection.
10. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
11. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trucks and trailers.

Please contact me if you have any questions or concerns regarding this audit report.


Regional Representative

(signature) Phone: 336-771-4608 ext. 385

Distribution: original signed copy to facility -- signed copy to compliance officer – e-mail or copy to super

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CC: Mark Poindexter ✓
 Brent Rockett



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Handwritten initials and number 5

UNIT TYPE: (check all that apply to this audit with same Permit number)									
Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance			
Closed MSWLF	HHW	White goods	Incin	<input checked="" type="checkbox"/> T&P	FIRM	PERMIT NO.: 01-02-1			
CDLF	Tire T&P/Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF	FILE TYPE: COMPLIANCE			

Date of Audit: 02/24/04.

Date of Last Audit: 09/17/03

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Alan Skrzypczak, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section



STATUS OF PERMIT:

Original Permit Issued 12/31/91
 Modified 12/9/98
 Renewed with name change and revised Operational Plans 9/15/03
 Permit Expires 9/15/08

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

Division of Waste Management
Solid Waste Section

Page 2 of 2

OTHER COMMENTS /SUGGESTIONS:

1. The facility is a medical waste treatment facility consisting of two incinerators, and typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. At the time of the inspection, Incinerator # 1 was down for routine maintenance and Incinerator # 2 was in operation.
3. Reviewed the permit, operational plans, and operational logs.
4. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted December, 2003.
5. The results of ash analysis from December, 2003 have been reviewed. Next ash analysis due June, 2004.
6. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
7. Reviewed operational records.
8. Conducted spot check review of previous hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
9. Conducted spot checks on manifest and certificate of destruction records. All waste was noted to be treated (incinerated) within 7 days of collection.
10. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
11. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trucks and trailers.

Please contact me if you have any questions or concerns regarding this audit report.

 (signature) Phone: 336-771-4608 ext. 206
Regional Representative

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CC: 
Brent Rockett



FACILITY COMPLIANCE AUDIT REPORT
 Division of Waste Management
 Solid Waste Section

6

UNIT TYPE: (check all that apply to this audit with same Permit number)									
Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance			
Closed MSWLF	HHW	White goods	Incin	X T&P	FIRM	PERMIT NO.: 01-02-1			
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF	FILE TYPE: COMPLIANCE			

Date of Audit: 02/27/03

Date of Last Audit: 11/20/02

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J. W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Angie Gregory, Stericycle
 Cheryl Hannah, N.C. Solid Waste Section
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91, Modified 12/9/98, Permit Expires 12/9/03

Note: Facility requested modification to permit for a name change October 8, 1999; permit issuance pending.

PURPOSE OF AUDIT:

Comprehensive Audit



NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

OTHER COMMENTS /SUGGESTIONS:

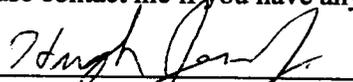
- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
- Reviewed operational plans, ash sampling procedures, and contingency plans.

Division of Waste Management
Solid Waste Section

Page 2 of 2

3. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted December, 2002.
4. Reviewed results of ash analysis of December, 2002. Next ash analysis due June, 2003.
5. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
6. Reviewed operational records.
7. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
8. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
9. Reviewed approximately 50 completed manifest (destruction records). All waste was noted to be treated (incinerated) within 6 days of collection.
10. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
11. No on-site storage of medical waste, all waste is processed directly from incoming trailers.
12. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.
13. The permit for the facility will expire effective December 9, 2003. A request for renewal of Permit No. 01-02-I should be submitted at least 90 days prior to the expiration date. Any operational changes and supporting documentation should be submitted with the renewal request.

Please contact me if you have any questions or concerns regarding this audit report.


Regional Representative

(signature) Phone: 336-771-4608 ext. 206

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CC: Mark Poindexter
Brent Rockett
Sheri Coghill



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

7
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UNIT TYPE: (check all that apply to this audit with same Permit number)											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-02-I FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration	X	T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 09/17/03.

Date of Last Audit: 06/10/03

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Angie Gregory, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91, Modified 12/9/98, Renewed with name change and revised Operational Plans 9/15/03. Permit Expires 9/15/08

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

OTHER COMMENTS /SUGGESTIONS:

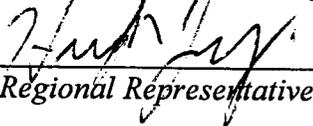
- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).

Division of Waste Management
Solid Waste Section

Page 2 of 2

2. The facility typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
3. Reviewed recently issued permit and operational plans
4. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted June, 2003.
5. The results of ash analysis from June, 2003 have been reviewed. Next ash analysis due December, 2003.
6. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
7. Reviewed operational records.
8. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
9. Conducted spot checks on manifest and certificate of destruction records.
10. Reviewed approximately 35 completed manifest (destruction records). All waste was noted to be treated (incinerated) within 7 days of collection.
11. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
12. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trailers.

Please contact me if you have any questions or concerns regarding this audit report.



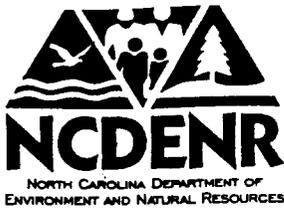
(signature) Phone: 336-771-4608 ext. 206

Regional Representative

Distribution: original signed copy to facility -- signed copy to compliance officer -- e-mail or copy to super

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CC: Mark Poindexter
Brent Rockett



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

8 ✓ ^(M)

UNIT TYPE: (check all that apply to this audit with same Permit number)											
Lined MSWLF	<input type="checkbox"/>	LCID	<input type="checkbox"/>	YW	<input type="checkbox"/>	Transfer	<input type="checkbox"/>	Compost	<input type="checkbox"/>	SLAS	COUNTY: Alamance PERMIT NO.: 01-02-1 FILE TYPE: COMPLIANCE
Closed MSWLF	<input type="checkbox"/>	HHW	<input type="checkbox"/>	White goods	<input type="checkbox"/>	Incineration	<input checked="" type="checkbox"/>	T&P	<input type="checkbox"/>	FIRM	
CDLF	<input type="checkbox"/>	Tire T&P / Collection	<input type="checkbox"/>	Tire Monofill	<input type="checkbox"/>	Industrial Landfill	<input type="checkbox"/>	DEMO	<input type="checkbox"/>	SDTF	

Date of Audit: 06/10/03.

Date of Last Audit: 02/27/03

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

Alan Skrzypczak, Stericycle, Operations Manager
 Sonny Murph, Stericycle
 William Patrakis, N.C. Solid Waste Section
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91, Modified 12/9/98, Permit Expires 12/9/03
 Note: Facility requested modification to permit for a name change October 8, 1999; permit issuance pending.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

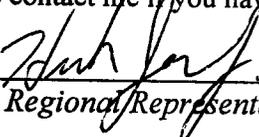
OTHER COMMENTS /SUGGESTIONS:

- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
- Reviewed current permit, operational plans, ash sampling procedures, and contingency plans.

Division of Waste Management
Solid Waste Section

3. The facility typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
4. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted December, 2002.
5. Reviewed results of ash analysis of December, 2002. Next ash analysis due June, 2003.
6. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
7. Reviewed operational records.
8. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
9. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
10. Reviewed approximately 45 completed manifest (destruction records). All waste was noted to be treated (incinerated) within 6 days of collection.
11. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
12. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trailers. Review of manifest and observation of loaded trailers on site indicated no unprocessed/incoming waste has been on site longer than four days. Most trailers are refrigerated.
13. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.
14. The permit for the facility will expire effective December 9, 2003. A request for renewal of Permit No. 01-02-I should be submitted at least 90 days prior to the expiration date. Any operational changes and supporting documentation should be submitted with the renewal request.

Please contact me if you have any questions or concerns regarding this audit report.



(signature) Phone: 336-771-4608 ext. 206

Regional Representative

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CC: Mark Poindexter
Brent Rockett
Sherri Coghill



FACILITY COMPLIANCE AUDIT REPORT
 Division of Waste Management
 Solid Waste Section

9 ✓

UNIT TYPE: (check all that apply to this audit with same Permit number)											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-02-1 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration	X	T&P		FIRM	
CDLF		Tire T&P/Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 02/27/03.

Date of Last Audit: 11/20/02

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

- J. W. Hill, Stericycle
- Andrea Sykes, Stericycle
- Angie Gregory, Stericycle
- Cheryl Hannah, N.C. Solid Waste Section
- Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91, Modified 12/9/98, Permit Expires 12/9/03
 Note: Facility requested modification to permit for a name change October 8, 1999; permit issuance pending.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

OTHER COMMENTS /SUGGESTIONS:

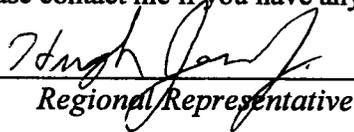
1. Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
2. Reviewed operational plans, ash sampling procedures, and contingency plans.

Division of Waste Management
Solid Waste Section

Page 2 of 2

3. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted December, 2002.
4. Reviewed results of ash analysis of December, 2002. Next ash analysis due June, 2003.
5. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations.
6. Reviewed operational records.
7. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures were noted to be in compliance.
8. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
9. Reviewed approximately 50 completed manifest (destruction records). All waste was noted to be treated (incinerated) within 6 days of collection.
10. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
11. No on-site storage of medical waste, all waste is processed directly from incoming trailers.
12. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.
13. The permit for the facility will expire effective December 9, 2003. A request for renewal of Permit No. 01-02-I should be submitted at least 90 days prior to the expiration date. Any operational changes and supporting documentation should be submitted with the renewal request.

Please contact me if you have any questions or concerns regarding this audit report.


Regional Representative

(signature) Phone: 336-771-4608 ext. 206

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CC: Mark Poindexter
Brent Rockett
Sherri Coghill



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

✓ 10

UNIT TYPE: (check all that apply to this audit with same Permit number)											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-02-1 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration	<input checked="" type="checkbox"/>	T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 11/20/02.

Date of Last Audit: 5/21/02 ✓

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

SAME

AUDIT PARTICIPANTS:

J. W. Hill, Stericycle
 Andrea Sykes, Stericycle
 Angie Gregory, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued 12/31/91, Modified 12/9/98, Permit Expires 12/9/03

Note: Facility requested modification to permit for a name change October 8, 1999; permit issuance pending.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

OTHER COMMENTS /SUGGESTIONS:

- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
- Reviewed operational plans and contingency plans.

3. Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted June, 2002.
4. Reviewed results of ash analysis of June 2002. Next ash analysis due December, 2002.
5. Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly.
6. Reviewed operational records.
7. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts.
8. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
9. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
10. No on-site storage of medical waste, all waste is processed directly from incoming trailers.
11. All trailers on site have refrigeration units, which are periodically monitored for temperature. At the time of the inspection, review of logs indicated no loaded trailers have been on site for more than 6 days.
12. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.

Please contact me if you have any questions or concerns regarding this audit report.


Hugh Penigan
Regional Representative

(signature) Phone: 336-771-4608 ext. 206

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CC: Mark Poindexter
Brent Rockett
Sherri Coghill



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

✓
11

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alamance PERMIT NO.: 01-02-I FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration	<input checked="" type="checkbox"/>	T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 5/21/02.

Date of Last Audit: 3/28/02

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

AUDIT PARTICIPANTS:

Alan Skrzypczak, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section
 Connie Wylie, N.C. Solid Waste Section

STATUS OF PERMIT:

Issued 12/9/98 Expires 12/9/03

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

OTHER COMMENTS /SUGGESTIONS:

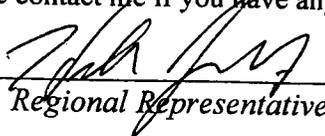
- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
- Reviewed operational plans and contingency plans.
- Facility is required to conduct composite semiannual ash analysis. Last ash analysis conducted 12/20/01. Reviewed results of ash analysis. Next ash analysis due June 2002.
- Ash disposal conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly.

**Division of Waste Management
Solid Waste Section**

Page 2 of 2

5. Reviewed operational records.
6. Conducted spot check review of hourly charging rates for both incinerator units and primary/secondary chamber temperature charts.
7. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
8. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
9. No on-site storage of medical waste, all waste is processed directly from incoming trailers.
10. All trailers on site have refrigeration units, which are periodically monitored for temperature. At the time of the inspection, review of logs indicated no loaded trailers have been on site for more than 6 days.
11. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.

Please contact me if you have any questions or concerns regarding this audit report.

 (signature) Phone: 336-771-4608 ext. 206
Regional Representative

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FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

12 ✓

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	COUNTY: Alamance PERMIT NO.: 01-02-1 FILE TYPE: COMPLIANCE
Closed MSWLF	HHW	White goods	Incineration	T&P	FIRM	
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF	

Date of Audit: 3/28/02.

Date of Last Audit: 8/29/01

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
 1168 Porter Avenue
 Haw River, North Carolina 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety, and Health
 336-578-8903

FACILITY CONTACT ADDRESS (IF DIFFERENT):

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Issued 12/9/98 Expires 12/9/03

PURPOSE OF AUDIT:

Semiannual Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

NONE

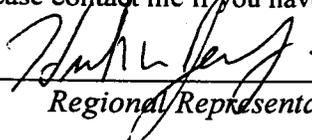
OTHER COMMENTS /SUGGESTIONS:

- Both incinerator units observed in operation (maximum charge rates - 1911 lb.per unit per hour).
- Reviewed operational plans and contingency plans.
- Facility is required to conduct semiannual ash analysis. Last ash analysis conducted 12/20/01. Reviewed results of ash analysis.
- Ash disposal conducted at Upper Piedmont Landfill. Roxboro. North Carolina. 307.62 tons of ash disposed in the month of February.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

5. Reviewed operational records.
6. Reviewed hourly charging rates for both incinerator units and primary/secondary chamber temperature charts.
7. Conducted spot checks on manifest (at random selected a container and tracked waste from generator, to collection, to receipt at the Stericycle facility). Reviewed manifest procedures and certificate of destruction records.
8. All waste water generated at the site controlled and is collected by floor drains to a pre-treatment facility and to WWTP.
9. No on-site storage of medical waste, all waste is processed directly from incoming trailers.
10. All trailers on site have refrigeration units, which are periodically monitored for temperature.
11. Permit No. 01-02-I was issued to BFI Waste Systems of North America, Inc.. Stericycle submitted a request for a name change to the Solid Waste Section on October 8, 1999. The permit issuance to Stericycle, Inc. is pending.

Please contact me if you have any questions or concerns regarding this audit report.


Regional Representative

(signature) Phone: 336-771-4608 ext. 206

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13 ✓

UNIT TYPE (check all that apply to this audit)							
Lined MSWLF	CDLF	Transfer	HHW	MRF	Incin		
Closed MSWLF	Tire Monofill	FIRM	SLAS	YW	Compost		
LCID	Tire T&P / Collection	SDTF	T&P	MWP	Industrial Landfill		

COUNTY: Alamance
 PERMIT OR RECORD NO.: 0102
 FILE TYPE: COMPLIANCE

STATUS OF PERMIT: Issued 12/9/98 Expires 12/9/03

FACILITY COMPLIANCE AUDIT REPORT

Date of Inspection: 8 / 29 / 01 . Date of Report: 10 / 23 / 01 . Date of Last Inspection: 10 / 5 / 00

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
1168 Porter Ave.
Haw River, N.C. 27258

FACILITY CONTACT NAME AND PHONE NUMBER:

Allen Skrzypczak
336-578-8900

FACILITY CONTACT ADDRESS (IF DIFFERENT):

AUDIT PARTICIPANTS:

Hugh Jernigan, Allen Skrzypczak

PURPOSE OF INSPECTION:

Medical Waste Incinerator

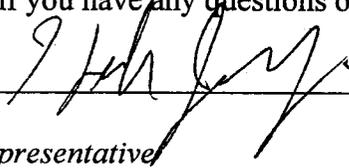
VIOLATIONS NOTED (citation and explanation):

NONE

COMMENTS /SUGGESTIONS:

1. Reviewed operational records, including charging logs and temperature charts.
2. Reviewed manifest procedures, and conducted spot checks on manifest.
3. No on site storage of medical waste, all waste is processed directly from incoming trailers
4. Observed incoming medical waste trailers at the facility. The trailers have refrigeration units which are monitored for temperature periodically.

Please contact me if you have any questions or concerns regarding this inspection report.

Hugh Jernigan  (signature) Phone: 336-771-4608 ext.206

Regional Representative

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NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-021 County Alamance

Name of Facility Stericycle Location Haw River

Date of Last Evaluation 7/27/00

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. ~~Other~~ Reviewed Permit. Reviewed Ash
Sampling and analysis procedures (last analysis on June 2000 sample next
sampling December 2000).

IV. Evaluator's Comments Both units operating on both dates. Reviewed temperature logs and
charging logs. No storage of medical waste inside buildings. Medical waste in refrigerated
trailers (Normal 3-4 day turn around) Ave 2.2 x 10⁶ lbs/month incinerated. Ave ~ 0.6 x 10⁶ lbs Ash
Ash disposed at CMS Landfill.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 10/5/00 & 10/9/00 Solid Waste Section [Signature]

BSCR

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-021 County Alamance

Name of Facility Stericycle Location Haw River

Date of Last Evaluation 12/8/99

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Reviewed temperature logs for primary and secondary chambers. Reviewed
(max 1911 1/2 hr) charging logs. Last biannual ash sampling event June 2000. Both units operational
Primary temps ~ 1500°F secondary temps ~ 2000°F (max 1200 + 1800°F). Reviewed
manifest and destruction records. Reviewed disposal records

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 7/27/00 Solid Waste Section [Signature]

BSP

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

116

Type of Facility Medical Waste Inc. Permit # 01-02I County Alamance

Name of Facility BFI - Stericycle Location Haw River

Date of Last Evaluation 6/16/99

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Both units in operation ≈ 1900^{lb} hr waste input for both units
Ash sampling (semiannual) scheduled Dec 21 - Primary & Secondary
temperatures on both units in excess of minimums. Sitewell maintained

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 12/8/99 Solid Waste Section M. H. [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

17
70003

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance

Name of Facility BFI Waste Systems of NA Inc Location Haw River

Date of Last Evaluation 12/3/98

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Both units in operation. Primary & Secondary temps above required
minimums. Reviewed temp charts & records. Reviewed ash sampling and operating
plans. No cold storage. Generate and dispose ~ 300^{tons} month ash. To BFI Spentex.

V. Continuation Page Required? Yes No Receiving Signature J.W. Hill

Evaluation Date 6/16/99 Solid Waste Section [Signature]

18
50195

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility ~~MSWLF~~ Septage Disposal Permit # SLAS 01-02 County Alamance Co

Name of Facility McPhersons Septic Tank Service Location SR 3000

Date of Last Evaluation 6/30/98

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 0822

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Soil Samples Taken Field #1-01021 Field #2-01022
Field #3 01023 - No recent septage applications noted
cows on Fields #2+3

V. Continuation Page Required? Yes No Receiving Signature M. J. [Signature]

Evaluation Date 11/23/98 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

20003
17

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Treatment Permit # 01-02 I County Alamance
Name of Facility BFI Waste Systems of NA, Inc Location Haw River
Date of Last Evaluation 5/28/98

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Units 1 & 2 in operation, Primary & Secondary temperatures above required minimums. Reviewed charts & Logs. Reviewed operational plans. Reviewed manifest and instruction records. Site clean and well maintained.

V. Continuation Page Required? Yes No Receiving Signature Richard H. Galum

Evaluation Date 12/3/98 Solid Waste Section [Signature]

20
50195

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section
SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Septage Disposal Site Permit # SLAS 01-02 County Alamance
Name of Facility McPherson Septic Tank Service Location SR 3000
Date of Last Evaluation 4/23/98

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 0822

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments No recent Septage applications
Good vegetation cover of Escove.

V. Continuation Page Required? Yes No Receiving Signature M. Ted

Evaluation Date 6/30/98 Solid Waste Section Haber

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section
SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance
Name of Facility BFI Waste Systems of North America, Inc. Location Haw R. Ver
Date of Last Evaluation 2/13/98

I. Permit Conditions Followed Yes No N/A
A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No
15A N.C. Admin. Code 13B Section .1207
A. Specific Violation(s) by number and letter. _____

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Reviewed new operational Plan (changes) unit # 1 in operation
Unit # 2 off line 5/25-5/29 for fire box cleanout. Processing ~ 2.3 million lbs
per month/generating 333.16 tons Ash (March 1998). Reviewed Firing rate and temp logs

V. Continuation Page Required? Yes No Receiving Signature J.W. Hill
Evaluation Date 5/28/98 Solid Waste Section [Signature]

**FACILITY EVALUATION REPORT
CONTINUATION PAGE**

Permit # 01-02 I

Evaluation Date 5/29/70

I. Permit Condition(s) Violated:

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed

A. Specific Violation(s) by number and letter.

III. Other Violations of Rules or Law

IV. Evaluator's Comments

*Observed on collection/trucking/dumping operations -
Typical 2 day schedule of collected on per to haul (approx
2 hours yard collection, three times per week basis, schedule). Reviewed
Manifest + collection of Dept. for
Site clean and well maintained - No visible damage to
Adequate*

RECORD OF COMMUNICATION

PHONE CALL DISCUSSION FIELD TRIP CONFERENCE
 OTHER (SPECIFY)

(Record of item checked above)

TO: F:1

FROM: Hugh Jevnigan

DATE 5/28/98

TIME

SUBJECT: BFI Waste Systems of North America Inc

SUMMARY OF COMMUNICATION

Discussed several issues with Mr J.W. Hill during inspection of 5/28/98

- 1) Requested name change submitted June 27, 1997 by BFI.
→ Explained to Mr Hill the permitting staff had the request and was working on ressing permit with name change
- 2) Requested sampling protocol change submitted February 24, 1997.
→ Also notified Mr Hill, permitting staff has the request and is working on approval as per meeting with Sherri Coghill on 5/27/98

3) Minor changes of operating plan.

→ Review changes in the BFI operational plans
Re: Equipment changes (Appendix G); Section 1.2 + 1.2 → Air Quality, permit # change and personnel changes; Section 3.3 Equipment, Section 3.6 → Inspection & monitoring program → 3.14 + 3.15 Emergency coordinators & contacts; 3.17 Decon procedures; 3.19 Agency notification updates; Deleting of on site storage at the facility;

Told Mr Hill to submit three copies for the update of the operational, and due to the changes discussed, No approval process by section was required.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

INFORMATION COPIES

TO:

P0003

038

22

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
 Division of Solid Waste Management
 Solid Waste Section
 SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance
 Name of Facility BFI Waste Systems of North America, Inc. Location Haw River
 Date of Last Evaluation 6/25/97

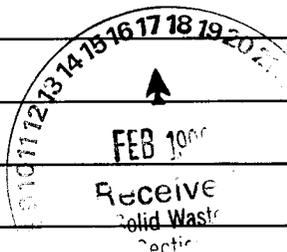
I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.



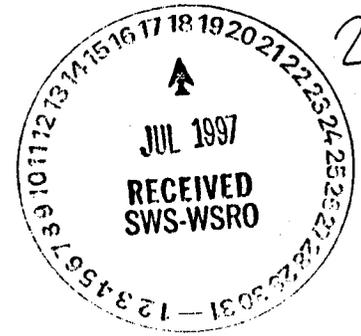
III. Other Violations of Rule or Law

Note: Incinerated 1.79 million pounds in January.

IV. Evaluator's Comments Both units in operation @ 1800-1900 ^{hr} firing rate; Primary & Secondary temperatures above required. Reviewed previous week firing and temperature logs. Reviewed recent manifest and destruction records - No cold storage. Facility clean. Average 85,000-90,000 ^{lb} day incinerated. Total Ash disposal for January 269.2 tons @ CMS landfill.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 2/13/98 Solid Waste Section [Signature]



July 16, 1997

Mr. Hugh W. Jernigan, Jr.
Waste Management Specialist
Solid Waste Section
N.C. Dept. Of Environment, Health and Natural Resources
585 Waughton St.
Winston Salem, N.C. 27107-2241

Dear Mr. Jernigan,

Please find enclosed the results of our third week in June 1997 ash sampling.

If I can be of any assistance, please feel free to contact me at: (910) 578-8900.

Sincerely,

A handwritten signature in cursive script that reads "J.W. Hill".

J.W. Hill
MESH



ANALYTICAL REPORT

CUSTOMER: Browning Ferris Industries
REPORT TO: Mr. J.W. Hill

WORK ORDER #: 7F463-001
RECEIVED: 06/23/97
REPORTED: 07/14/97

SAMPLE DESC: SPECIAL STUDY
SAMPLE TYPE: ASH, COMPOSITE
COLLECTED: 06/16/97 09:00 to 06/22/97 00:00
PO NUMBER:
SITE: 6-1-21-97

PARAMETER	DATE/TIME/ANALYST	MQL	RESULT
Paint Filter Test EPA 9095	Started 06/24/97 11:30 Analyzed 06/24/97 by BMM		Pass Free Liq
Soil pH Measured In Water SW846-9045	Started 06/27/97 15:45 Analyzed 06/27/97 by RAW		7.45 SU
Arsenic, Total - Solid SW846-7060A	Started 06/27/97 10:00 Analyzed 07/01/97 by RTW	1.1	2.1 mg/Kg Dry
Barium, Total - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.22	5,780 mg/Kg Dry
Cadmium, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.043	11 mg/Kg Dry
Chromium, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.76	116 mg/Kg Dry
Copper, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	2.2	1,170 mg/Kg Dry
Lead, Total by ICP - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.22	72 mg/Kg Dry
Manganese, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.54	184 mg/Kg Dry
Mercury, Total - Solid SW846-7471A	Started 07/01/97 11:45 Analyzed 07/01/97 by SJH	0.13	<0.13 mg/Kg Dry
Nickel, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	2.2	88 mg/Kg Dry
Selenium, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.32	4.8 mg/Kg Dry



(7F463-001 continued)

PARAMETER	DATE/TIME/ANALYST	MQL	RESULT
Silver, Total - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	0.011	25 mg/Kg Dry
TCLP Arsenic by GF SW846-7060	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.005	<0.005 mg/L ✓
TCLP Barium SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.0002	14 mg/L ✓
TCLP Cadmium SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.00004	<0.00004 mg/L ✓
TCLP Chromium SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.0007	0.051 mg/L
TCLP Filter Test for Metals EPA 1311	Started 06/26/97 14:30 Analyzed 06/26/97 by SJH	0	>0.5/100 Dry/Wet
TCLP Lead SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.0002	0.24 mg/L
TCLP Mercury SW846-7471A	Started 06/30/97 10:30 Analyzed 06/30/97 by SJH	0.0002	<0.0002 mg/L
TCLP Selenium SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.0003	0.019 mg/L
TCLP Silver SW846-6020	Started 06/27/97 15:30 Analyzed 07/01/97 by RTW	0.000010	0.00021 mg/L
Zinc, Total by ICPMS - Solid SW846-6020	Started 06/27/97 15:30 Analyzed 07/02/97 by RTW	5.4	4,000 mg/Kg Dry

MQL = Minimum Quantitation Limit

Certifications:

NC Chemistry: #85, Biology: #002, Drinking Water: #37743, Radiation License: #001-0904-0G
 VA SWCB ID: #000061, Drinking Water: #00018
 SC Environmental: #00018
 EPA NC00137

P0003

038

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NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

INCIN

Type of Facility Medical Waste Incinerator permit # 01-02I County Almance

Name of Facility BFI Medical Waste Incinerator Location Haw River

Date of Last Evaluation 4/11/97

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Both units in operation @ 1800-1900 hrs firing rate.

Primary & Secondary chamber temperatures above requirements. Reviewed firing and temperature logs. No cold storage. Facility clean.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 4/25/97 Solid Waste Section [Signature]

DEHNR 3793 (Part I White: Facility Part II Canary: Central Office Part III Pink: Regional Office)

Solid Waste Section (Review 7/94)

Note: ~ 300 ton/month Ash generated - To BFI "Speedway Landfill"

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Alamance Co, Compliance 01-02

RECORD OF COMMUNICATION

- PHONE CALL
- DISCUSSION
- FIELD TRIP
- CONFERENCE
- OTHER (SPECIFY)

(Record of item checked above)

FROM:

DATE

5/16/97

TIME

File

Grent Guell

SUBJECT

Landfill on Pata Avenue (TMN 13-14-29)

SUMMARY OF COMMUNICATION

Site visit. Area next to creek is washing out and some waste is exposed. Site is believed to have been operated by Johnny McBroom (he is deceased). Wife, Pecolia, still owns Johnny's Garbage Service. The site is owned by ~~RODOS~~ RODOS, Inc. The site was operated until approx 1969 as an MSW landfill.

owner:

RODOS, Inc.
6251 N. Powerline Rd.
Fort Lauderdale, FL 33309

operator: 910-578-1020 - work
910-578-6498 - home
Johnny McBroom (Pecolia)
Johnny's Garbage Service

Complainant

Shelly Evely - Haw River Watch Project
910-376-9510

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Possible referral to old sites

INFORMATION COPIES

Julian Foster, Phil Pette



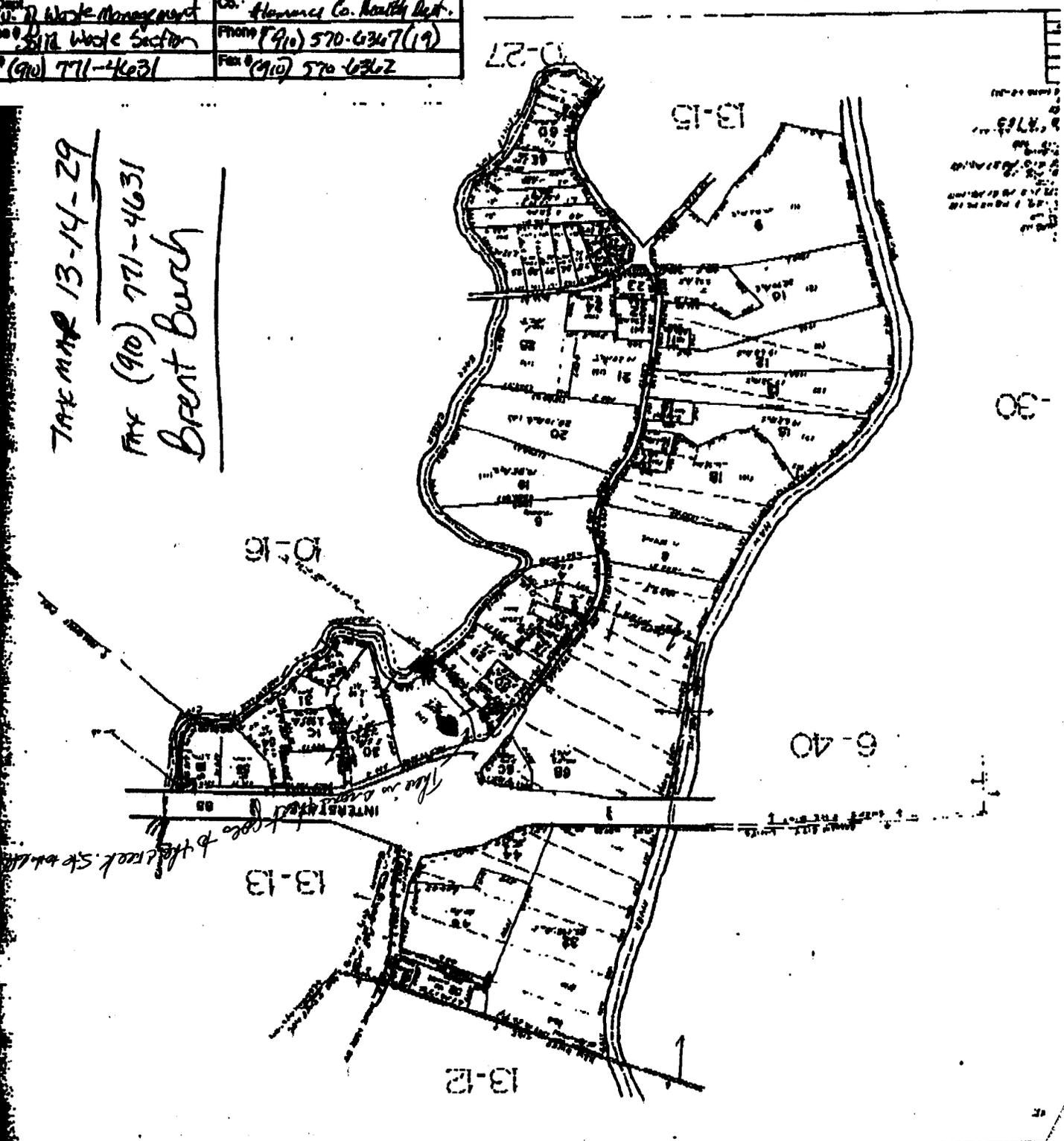
RECEIVED
N.C. Dept. of EHNH

SEP 19 1997

Winston-Salem
Regional Office

Post-Net Fax Note	7671	Date	9/19/97	Page	1
To	Brent Burch	From	Phil Thompson		
City/Dept	Waste Management	Co.	Hammes Co. Health Dept.		
Phone #	812 Wood Section	Phone	(910) 570-6367(19)		
Fax #	(910) 771-4631	Fax #	(910) 570-6362		

Tax map 13-14-29
 Fax (910) 771-4631
 Brent Burch



13-15
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13-16

13-19

13-27

The creek is on the left
 This is area

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance

Name of Facility BFI Medical Waste Incinerator Location Haw River

Date of Last Evaluation 2/20/17

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

I

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Unit 1 in full operation; Unit 2 in startup mode. No cold storage. Primary & Secondary temperatures in incinerator ^{well} over minimums. Floors and storage areas clean. Observed incoming waste container leaking - bagged immediately. Reviewed temperature & firing rate logs. (now waste being incinerated)

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 4/1/17 Solid Waste Section [Signature]

Note Epinephrine

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NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section
SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-02 I County Alamance

Name of Facility BFI Medical Waste Incinerator Location Haw River

Date of Last Evaluation 3/8/96

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Unit #1 in operation; unit #2 down for repairs. No cold storage.
June Ash sampling & analysis complete - to be mailed. Reviewed Manifest.
Reviewed Waste Discrepancy reports; ~~Reports~~ Reviewed operations.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 8/14/96 Solid Waste Section [Signature]

P0003

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NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
 Division of Solid Waste Management
 Solid Waste Section
 SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

Type of Facility Medical Waste Incinerator Permit # 01-025 County Alamance
 Name of Facility BFI Medical Waste Inc. Location Haw River
 Date of Last Evaluation 10/24/95

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Both Unit #1 & Unit #2 in operation. Reviewed temp. charts. Ash
sampling analysis completed; to be incinerated; No cold storage of medical waste.
Reviewed Manifest. Obtained WMI Manifest # 125406 for Permit.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill
 Evaluation Date 3/8/96 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

70003
29

Type of Facility Medical Waste Incinerator Permit # 01-02 I County Alamance

Name of Facility BFI Medical Waste Inc. Location Haw River

Date of Last Evaluation 6/13/95

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments #Unit I in operation. Reviewed temp charts + Records. Ash sampling analysis reviewed, charge and scrubber logs reviewed

→ Discussions on Manifest ~~to~~ labeling from Duke Hospital ←
→ Questions concerning labeling by generators should be clarified.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 10/24/95 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

PO0083
30

Type of Facility Medical Waste Inc. Permit # 01-02I County Alamance

Name of Facility BFI Medical Waste Incinerator Location Haw River

Date of Last Evaluation 3/10/95

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments No waste being stored on site; Unit 2 in operation, unit 1
long) to be on line at approx 6:00pm. Reviewed temp. monitors & chart.

→ Manifest and labeling requirements for shipments from Waste Management Inc.
need to be reviewed ← To be discussed on next visit.

V. Continuation Page Required? Yes No Receiving Signature [Signature]

Evaluation Date 6/13/95 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

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PO003

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance

Name of Facility BFI Medical Waste Incinerator Location Haw River

Date of Last Evaluation 11/22/95

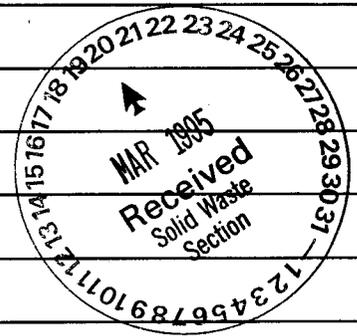
I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section 1207

A. Specific Violation(s) by number and letter.



III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Reviewed records & logs (Ash sampling, temperature, rates, man. cost) -
Operational areas clean - Processing off trailers, no storage - Unit #1
in operation, Unit #2 coming online - Temperatures & rates during inspection in compliance.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 3/10/95 Solid Waste Section Adrian G. Long

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

PO 003

32

Type of Facility Medical Waste Incinerator Permit # 01-02I County Alamance

Name of Facility BFI Medical Waste Location Haw River

Date of Last Evaluation 4/27/94

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Records & Logs reviewed (incineration rates, temperature, manifest),
Both units in operation, site clean, No storage of waste on site,
Ash sampling analysis and waste determinations as per permit to be clarified

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 11/22/94 Solid Waste Section [Signature]

DEHNR 3793 (Part I White: Facility Part II Canary: Central Office Part III Pink: Regional Office)

Solid Waste Section (Review 7/94)

Note! Roche Biomedical generated waste to be reviewed

RECORD OF COMMUNICATION

- PHONE CALL DISCUSSION FIELD TRIP CONFERENCE
 OTHER (SPECIFY)

(Record of item checked above)

TO: Ernie Lawrence

FROM: Hugh Ternigan

DATE 11/22/94

TIME 5:00 pm

SUBJECT: BFI Medical Waste, Haw River

SUMMARY OF COMMUNICATION

Conducted inspection of facility on 11/22/94. Facility was found to be in compliance as per attached inspection form.

As per our discussions an evaluation was conducted on the use of reusable bins at the site. The loading of the incinerators with ~~reusable~~ medical waste from the reusable bins has not been observed in previous inspections. According to J.W. Hill of BFI the facility does use the bins and that less than 10% of the received waste comes in bins. Mr. Hill described the handling and procedures ~~concerning~~ in reference to the bins and conducted a "dry run" on loading the medical waste to the incinerator (there were no bins with medical waste on site at time of the inspection). The bins have snap locks and at no time are moved in any position other than upright. All handling, conveying, and bar code reading is done in an upright position. Small bins are manually emptied into a large bin at the incinerator ram for introduction into the incinerator. The larger bins are emptied into the ram system by ~~the~~ the incinerator system. There appears to be no handling methods or procedures which could cause spillage or leakage of medical waste received at the site in bins.

Also during the inspection a labeling problem was observed for materials received from Roche Biomedical (Generator labeling). The company is to be contacted.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Procedure review reveals no apparent problem with use of reusable bins at the site

INFORMATION COPIES

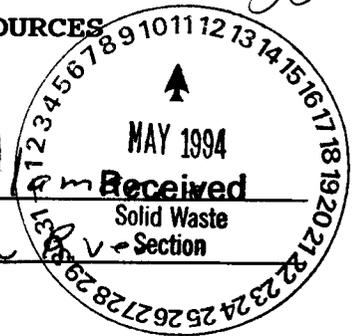
TO:

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT



33

Type of Facility Medical Waste Incinerator Permit # 01-02-I County Alamogordo

Name of Facility BFI Medical Waste Location Haworth

Date of Last Evaluation 2/8/84

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments No cold storage; waste being incinerated within 7 days of shipment. Reports & logs in BFI environmental files examined. Random manifest check (0664 & 0667, Richmond). Received destruction verification 5/6/84.

V. Continuation Page Required? Yes No Receiving Signature Maject

Evaluation Date 4/27/84 Solid Waste Section Hugh & Jennifer

DEHNR 3793 (Part I White: Facility Part II Canary: Central Office Part III Pink: Regional Office)

Solid Waste Section (Review 7/94)

Note: Reviewed manifest data 4/6/84

MAY 06 1994

Haw River District

May 2, 1994

Hugh W. Jernigan, Jr.
Waste Management Specialist
Solid Waste Section
Department of Environment, Health and Natural Resources
8025 North Point Blvd., Suite 100
Winston-Salem, N.C. 27106

RE: Processed Medical Waste Manifest numbers 0664 and 0667

Dear Mr. Jernigan,

I'm sorry I missed your visit last week. If I understand correctly you need to know the dates of incineration for the waste listed on the above referenced manifests. The waste came from our Richmond, VA District from which we receive numerous loads per month. I am enclosing the waste processed report for Richmond from April 23, 1994 to April 30, 1994. It is in that period that the waste in question was processed. Joel Hartzog mentioned that you will send a completed inspection report after verification of the Richmond waste being processed. If I can be of any assistance please contact me at 1-800-234-4785.

Sincerely,


J.W. Hill
Safety Manager

Note:
Reviewed 52 page
destruction report 5/6/94


NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

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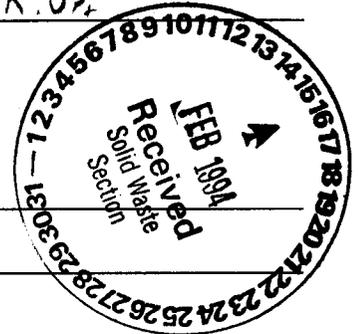
Type of Facility Medical Waste Incinerator Permit # 01-02-I County Alamance

Name of Facility BFI Medical Waste Location New River

Date of Last Evaluation 7/8/93

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated



II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law

IV. Evaluator's Comments Unit #2 in operation, Unit #1 currently down for scrubber maintenance. No cold storage; waste being incinerated directly from delivery trailers. Facility observed to be clean and well maintained.

V. Continuation Page Required? Yes No Receiving Signature [Signature]

Evaluation Date February 8 1994 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT



Type of Facility Medical Waste Incinerator Permit # 01-02-I County Alamance

Name of Facility BFI Medical Waste Location Haw River

Date of Last Evaluation ~~4/26/93~~ 5/4/93

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section .1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments Floors and operational areas found to be very clean.
Spot check of manifest showed compliance. One incinerator
in operation, one going on line

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 7/8/93 Solid Waste Section Hugh W. Jamieson

[Handwritten signature]

File Code 01-29 COMPLAINT INVESTIGATION Alamance
County

Date Received 6/24/93 Received By Hugh Jernigan

How Received: Letter, Phone, Raleigh Referral, Other

WMS: H. Jernigan COMPLAINANT: ANON
ADDRESS: _____
PHONE: _____

COMPLAINT: Medical waste being stored for long period
of time. Blood and maggots on floor at facility,
unclean, and unsanitary conditions exist.

DIRECTIONS: How River, Alamance County

RESPONSIBLE PARTY: BFI Medical Waste Incinerator
ADDRESS: _____
PHONE: _____

NATURE OF COMPLAINT:

NON-FACILITY:
 OPEN DUMP, STORAGE, TRANSP., BURNING
 LAND APPLICATION, UNMANAGED DUMP
 USED OIL, MEDICAL WASTE, SCRAP TIRE, SEPTAGE,
 INDUSTRIAL PROCESS WASTE, C&D WASTE, LCI WASTE
 COMMERCIAL/RESIDENTIAL WASTE

FACILITY:
 MSW LANDFILL, C&D LANDFILL, LCI LANDFILL, MSW INCINERATOR,
 MW INCINERATOR, MIXED WASTE PROCESSING, YARD WASTE COMPOST,
 SCRAP TIRE COLLECTION, MSW COMPOSTING, TRANSFER,
 SEPTAGE, INDUSTRIAL WASTE LANDFILL, MONOFILL,
 TREATMENT & PROCESSING, MRF

DATE/ACTION: 7/8/93 site visit by B. Burch and H. Jernigan. No violation found
DATE/ACTION: _____
DATE/ACTION: _____
DATE/ACTION: _____
DATE/ACTION: _____
DATE/ACTION: _____

(Use an extra sheet if necessary for detailed documentation)

DISPOSITION: NO SOLID WASTE VIOLATION FOUND DATE 7/8/93
 VIOLATION CORRECTED DATE _____
 CLOSED ON SITE, REMOVED TO APPROVED SITE
 REFERRAL, REFERRED TO _____

REMARKS: _____

COPIES TO: Raleigh - central file
Ernest Perry

DISPOSITION DATE: NO further Action
BY: Hugh Jernigan

RECORD OF COMMUNICATION

- PHONE CALL DISCUSSION FIELD TRIP CONFERENCE
 OTHER (SPECIFY)

(Record of item checked above)

TO: File

FROM: H. Jernigan

DATE 7/8/73

TIME 1230 PM - 300

SUBJECT: BFI - Medical waste

SUMMARY OF COMMUNICATION

Note: Inspection conducted in reference to complaint (Anon) contacted J.W. Hill of facility and conducted inspection. Site found to be in compliance with operational requirements and permit conditions. Specifically, facility was found to be clean, all boxes of medical waste in ~~fact~~ with no leakages. Floors well kept, inspection of manifest indicated no waste (medical) at site over 24 hours before disposal. Some non-medical waste at site over extended period (Monkey feces). This non-medical waste is being ~~disposed~~ kept in cold storage and is incinerated periodically with medical waste.

Facility averages approximately 44,000 lb/day of incineration and generates approximately 1-20 cubic yard container of ash for disposal.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

INFORMATION COPIES

TO:

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

36

Type of Facility Medical Waste Incinerator Permit # 01-02-I County Alamance

Name of Facility BFI Medical Waste Location Haw River

Date of Last Evaluation 1/26/93



I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated NONE

Permit conditions being followed.
Clarification of ash sampling/composite samples
procedures will be forwarded by letter.

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 13B Section .1207

A. Specific Violation(s) by number and letter. NONE

Copy of completed manifest for random selected box
to be submitted by treatment facility.

III. Other Violations of Rule or Law NONE

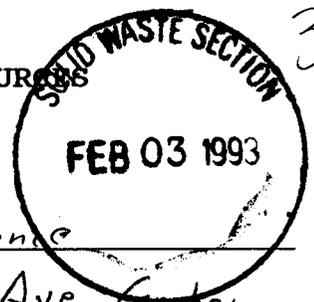
IV. Evaluator's Comments Operation clean, storage areas and processing
well kept.

V. Continuation Page Required? Yes No Receiving Signature J. W. Hill

Evaluation Date 5/4/93 Solid Waste Section Hugh W. Jensen

[Handwritten scribbles]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
Division of Solid Waste Management
Solid Waste Section
SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT



37

Type of Facility Medical Waste Inc Permit # 01-02-I County Alamance
Name of Facility BFI Medical Waste Systems Inc Location Porter Ave, Graham
Date of Last Evaluation _____

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated _____

II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section 1207

A. Specific Violation(s) by number and letter.

III. Other Violations of Rule or Law NA

IV. Evaluator's Comments Record keeping excellent

V. Continuation Page Required? Yes No Receiving Signature J.W. Hill

Evaluation Date Jan. 26, 1993 Solid Waste Section [Signature]

NC DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Division of Solid Waste Management

Solid Waste Section

SOLID WASTE MANAGEMENT FACILITY EVALUATION REPORT

WEATHERS
38
ENVIRONMENTAL
DIVISION

Type of Facility MEDICAL WASTE INCINERATOR Permit # 01-021 County ALAMANCE

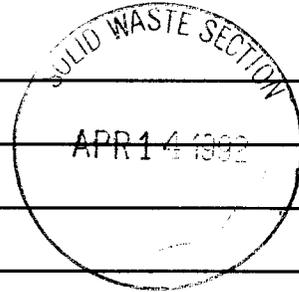
Name of Facility BFI MEDICAL WASTE INCINERATOR Location FOKIER AVE. (SR 2249)

Date of Last Evaluation N/A

I. Permit Conditions Followed Yes No N/A

A. Specific Condition(s) Violated

N/A



II. Operational Requirements Followed Yes No

15A N.C. Admin. Code 138 Section _____

A. Specific Violation(s) by number and letter.

N/A

III. Other Violations of Rule or Law _____

IV. Evaluator's Comments FACILITY UNWARE OF REPORTING REQUIREMENTS (1207C) BUT WILL CORRECT THIS BY PROVIDING NECESSARY INFORMATION AS SOON AS PERMIT IS PROVIDED BY DSWM.

V. Continuation Page Required? Yes No Receiving Signature [Signature]

Evaluation Date APRIL 7, 1992 Solid Waste Section [Signature]

#01-02
39

[Handwritten signature]



North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

David T. Flaherty, Secretary

Department of Environment, Health & Natural Resources

October 31, 1989

MEMORANDUM

TO: Julian Foscue, Supervisor
Solid Waste Section

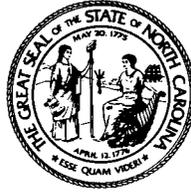
FROM: Terry W. Waddell, Waste Management Specialist
Solid Waste Section
JWW kd

SUBJECT: Quarterly Inspection - Thermal Reduction Systems, Inc., Permit #01-02-1

On 10-24-89 an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Section, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd

NOV 08 1989



ALAMANCE
FAC-FILE
01-023
INSP 40

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, NC 27101

James G. Martin, Governor

David T. Flaherty, Secretary

September 7, 1989

MEMORANDUM

TO: Julian Foscue, Western Regional Supervisor
Solid Waste Section

FROM: Terry Waddell, Waste Management Specialist
Solid Waste Section

SUBJECT: Quarterly Inspection; Thermal Reduction Systems,
Inc. Permit #01-02-1

On 08-21-89, an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Section, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd

SEP 14 1989



[Handwritten signature]



ALAMANCE
FAL FILE
01-02-I
INSP. 41

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

May 18, 1989

David T. Flaherty, Secretary

MEMORANDUM

TO: Julian Foscue, Western Regional Supervisor
Solid Waste Branch

FROM: Terry Waddell, Waste Management Specialist
Solid Waste Branch *TW*

SUBJECT: Quarterly Inspection; Thermal Reduction Systems, Inc.
Permit #01-02-I

On 05-05-89 an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Branch, at Thermal Reduction Systems, Inc., permit #01-02-I infectious waste incinerator facility. The inspection revealed no apparent violations.

TW/sbf

S



42

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

March 9, 1989

David T. Flaherty, Secretary

MEMORANDUM

TO: Julian Foscue, Western Regional Supervisor
Solid Waste Branch

FROM: Terry W. Waddell, Waste Mgt. Specialist
Solid Waste Branch
TWW
kd

SUBJECT: Quarterly Inspection; Thermal Reduction
Systems, Inc.
Permit #01-02-1

On March 6, 1989, an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Branch, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility.

The inspection revealed no apparent violations.

TWW:kd

MAR 15 1989



43

JAN 1 1989

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

November 10, 1988 David T. Flaherty, Secretary

*ALAMANCE FAC FILE
01-02-01
IRS + COMP.*

MEMORANDUM

TO: Julian Foscue, Western Regional Supervisor
Solid Waste Branch

FROM: Terry Waddell, ^{TWKD} Waste Management Specialist
Solid Waste Branch

SUBJECT: Quarterly Evaluation; Thermal Reduction Systems, Inc.
Permit #01-02-1

On October 21, 1988, an evaluation was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Branch, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The evaluation revealed no apparent violations.

TWW:kd



01-02-1
INSPECTION
ALABAMA

44

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

August 16, 1988

David T. Flaherty, Secretary



MEMORANDUM

TO: Julian Foscoe, Western Regional Supervisor
Solid Waste Management Branch

FROM: Terry W. Waddell, Waste Management Specialist
^{JWW (KO)}
Solid Waste Management Branch

SUBJECT: Quarterly Inspection; Therman Reduction Systems, Inc.
Permit #01-02-1

On August 5, 1988, an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Management Branch, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd

SEP 21 1988



C+I 01-02

North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

May 18, 1988

David T. Flaherty, Secretary

MEMORANDUM

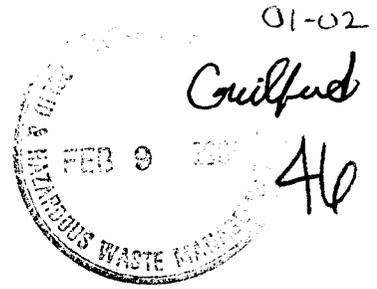
TO: Julian Foscue, State Area Supervisor
Solid Waste Management Branch

FROM: Terry W. Waddell, Waste Management Specialist
Solid Waste Management Branch

SUBJECT: Quarterly Inspection; Thermal Reduction Systems, Inc.
Permit #01-02-1

On May 11, 1988, an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Branch, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd



North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

February 8, 1988

David T. Flaherty, Secretary

MEMORANDUM

TO: Julian Foscoe, Western Regional Supervisor
Solid Waste Management Branch

FROM: Terry Waddell^{JW(kd)}, Waste Management Specialist
Solid Waste Management Branch

SUBJECT: Quarterly Inspection: Thermal Reduction Systems, Inc.
Permit #01-02-1

On February 3, 1988 an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Management Branch, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd

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North Carolina Department of Human Resources

North Central Regional Office • 310 East Third Street • Winston-Salem, N. C. 27101

James G. Martin, Governor

October 15, 1987

David T. Flaherty, Secretary

MEMORANDUM

TO: Julian Foscue, Western Regional Supervisor
Solid and Hazardous Waste Management Branch

FROM: Terry Waddell, Waste Management Specialist
Solid Waste Unit

SUBJECT: Quarterly Inspection: Thermal Reduction Systems, Inc.
Permit #01-02-1

On October 9, 1987 an inspection was performed by Terry W. Waddell, Waste Management Specialist, Solid Waste Unit, at Thermal Reduction Systems, Inc., Permit #01-02-1, infectious waste incinerator facility. The inspection revealed no apparent violations.

TWW:kd



ALAMANCE
01-02 48

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

May 22, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. H. E. Archer
Thermal Reduction Systems, Inc.
P.O. Box 2070
Chapel Hill, North Carolina 27514

Re: Compliance Order with Administrative Penalty,

Dear Mr. Archer:

Enclosed is a Compliance Order with Administrative Penalty issued to Thermal Reduction Systems, Inc., for certain violations of the North Carolina Solid Waste Management Act, N.C.G.S. 130A, Article 9, (Act) and the North Carolina Solid Waste Management Rules, 10 NCAC 10G, (Rules). The Compliance Order with Administrative Penalty describes both the violations and the actions required for compliance at your facility with the Act and Rules.

Pursuant to N.C.G.S. 130A-22(a), an administrative penalty of \$500.00 is imposed on the Compliance Order with Administrative Penalty. Thermal Reduction Systems, Inc. may appeal this Compliance Order with Administrative Penalty by submitting a written petition for an administrative hearing to the Office of Administrative Hearings, P. O. Drawer 11666, Raleigh, North Carolina 27604, and by sending a copy of the petition to Nancy H. Temple, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27611, within 30 days of the receipt of the Compliance Order and Administrative Penalty. The petition must be in accordance with N.C.G.S. 150B-23(a) and 10 NCAC 10G .0704.

If no administrative hearing is requested, the administrative penalty must be paid within 60 days by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid & Hazardous Waste Management Branch, Division of Health Services, P. O. Box 2091, Raleigh, N.C. 27602.

If you desire to schedule an informal conference to discuss the Compliance Order with Administrative Penalty, please contact Mr. James E. Patterson, Waste Management Specialist, at (704) 389-8865.

Sincerely,



William L. Meyer, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

PTC/bb5428A

Enclosures: Compliance Order with Administrative Penalty

cc: Central File
Mr. Jim Patterson
Ms. Nancy Scott
Mr. Julian Foscue

North Carolina Department of Human Resources
Division of Health Services
Solid and Hazardous Waste Management Branch

In Re: Thermal Reduction Systems, Inc.)
P.O. Box 2070)
Chapel Hill, N.C. 27514)
ATIN: Mr. H. E. Archer)

COMPLIANCE ORDER WITH
ADMINISTRATIVE PENALTY

PRELIMINARY STATEMENT

This Compliance Order with Administrative Penalty is issued under N.C.G.S. 130A-22, and the Solid Waste Management Act and Rules, N.C.G.S. 130A, Article 9, and 10 NCAC 10G. The complainant, William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, Department of Human Resources, has been delegated the authority to implement the Act and Rules. Based upon information available, Complainant has determined that Thermal Reduction Systems, Inc. is in violation of certain requirements of the Act and Rules, as set forth in this Compliance Order with Administrative Penalty.

STATEMENTS OF FACT AND LAW

1. Thermal Reduction Systems, Inc. is operating an infectious waste incinerator (DHS Permit #01-02-I) located in Porter Industrial Park, Graham, North Carolina, and is a person as defined in N.C.G.S. 130A-290 and 10 NCAC 10G .0101.
2. On March 1, 1971, the State of North Carolina, Division of Health Services, Solid and Hazardous Waste Management Branch, implemented a Solid Waste Management Program under the Solid Waste Management Act, N.C.G.S. 130A, Article 9 and rules, codified at 10 NCAC 10G.
3. 10 NCAC 10G contains standards and requirements applicable to the proper management of solid waste management facilities.
4. Violations of the N.C. Solid Waste Management Rules, Section .0104 and .0203 were found during a February 13, 1987 inspection of Thermal Reduction Systems, Inc. infectious waste incinerator. This inspection was conducted by Mr. Julian M. Foscue, III., Western Area Supervisor, Solid and Hazardous Waste Management Branch, and Mr. Terry Waddell, Waste Management Specialist, Solid and Hazardous Waste Management Branch. The violations found on February 13, 1987 were described in a February 26, 1987 Notice of Violation to Mr. H.E. Archer, President, Thermal Reduction Systems, Inc. from Mr. Julian M. Foscue, III. The Notice of Violation specified that the violations must be corrected by March 9, 1987. On May 1, 1987 Mr. Foscue and Mr. Waddell re-inspected the facility and found a continuing violation of the N.C. Solid Waste Management Rules:
 - A. 10 NCAC 10G .0104(e) requires that all containers used for the storage of solid waste shall be maintained in such a manner as to prevent the creation of a nuisance or insanitary conditions.

Containers that are broken or otherwise fail to meet this rule shall be replaced with acceptable containers. Thermal Reduction Systems, Inc. was in violation of 10 NCAC 10G .0104(e) in that containers (plastic bags) used for storage of solid waste were broken as evidenced by blood on the floor of a Thermal Reduction System's truck, NC #BJ1314. The blood was observed as the truck was unloaded at the facility.

CIVIL PENALTY

N.C.G.S. 130A-22(a) and 10 NCAC 10G .0701-.0707 authorizes an administrative penalty of up to \$500.00 per day for each violation of the solid waste provisions of the Act and Rules. The N.C. Solid Waste Management Penalty Computation Procedure (March 19, 1985) was used to determine the penalty. The factors considered in determining the administrative penalty include, but are not limited to: the nature of the violations, the potential effect on the public health and environment, the degree and extent of harm caused by the violations, the costs of rectifying any damage, the types and amount of wastes, the ease and costs of compliance and the history of noncompliance. Accordingly, a penalty of \$500.00 is hereby imposed.

CONDITIONS FOR CONTINUED OPERATION

Based upon the foregoing, Thermal Reduction Systems, Inc. is hereby ordered to take the following actions:

1. Within sixty (60) days submit the amount of the administrative penalty, by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, P. O. Box 2091, Raleigh, NC 27602.
2. Immediately comply with 10 NCAC 10G .0104(e) by storing all solid waste in containers that are not broken, and are otherwise maintained in such a manner as to prevent the creation of a nuisance or insanitary condition.

POTENTIAL CONSEQUENCES OF FAILURE TO COMPLY

Thermal Reduction Systems, Inc. is hereby advised that pursuant to N.C.G.S. 130A-22, each day of continued violation of any requirement of the Act or the Rules, constitutes a separate violation for which an additional penalty of up to \$500.00 per day may be imposed. If the violation(s) continues, you may also be subject to further enforcement including injunction from any further operation of a solid waste management facility and such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

OPPORTUNITY TO REQUEST A HEARING

Thermal Reduction Systems, Inc. has the right to request an administrative hearing to contest any matter of law, material fact, requirement, or penalty set forth in this Compliance Order with Administrative Penalty. To avoid being in default and having the penalty collected without further administrative proceedings, a written petition must be submitted within 30 days of receipt of this Compliance Order with Administrative Penalty in accordance with N.C.G.S. 150B-23(a) and 10 NCAC 10G .0704.

The petition shall be verified or supported by affidavit and shall state facts tending to establish that the agency has deprived Thermal Reduction Systems, Inc. of property, has ordered Thermal Reduction Systems, Inc. to pay a fine or civil penalty, or has otherwise substantially prejudiced Thermal Reduction Systems, Inc. rights and that the Branch:

1. exceeded its authority or jurisdiction;
2. acted erroneously;
3. failed to use proper procedure;
4. acted arbitrarily or capriciously; or
5. failed to act as required by law or rule.

The petition must be submitted to the Office of Administrative Hearings, P. O. Drawer 11666, Raleigh, North Carolina 27604, in accordance with N.C.G.S. 150B-23(a). A copy of the petition must be submitted to Nancy H. Temple, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27611. Requested administrative hearings will be conducted in accordance with applicable rules contained in the North Carolina Administrative Code, a copy of which will be furnished to you upon request. If no hearing is requested, payment of the administrative penalty becomes due within 60 days after receipt of this notice. If a hearing is requested, payment of the administrative penalty is due within 60 days after service of a written copy of the decision. If payment is not received as required, the Secretary of Human Resources shall request the Attorney General to commence an action to recover the amount of the penalty and may also request that an injunctive action be commenced to achieve compliance pursuant to N.C.G.S. 130A-22(g).

INFORMAL CONFERENCE

Whether or not Thermal Reduction Systems, Inc. requests an administrative hearing, the Branch encourages an informal conference to discuss this matter and to give Thermal Reduction Systems, Inc. an opportunity to provide additional information, including any actions it has taken to correct the violation(s). If an informal conference is desired, please contact:

Julian M. Foscue, III.
Solid and Hazardous Waste Management Branch
Division of Health Services
P.O. Box 2091
Raleigh, N.C. 27602
(919) 733-2178

THE SCHEDULING OF AN INFORMAL CONFERENCE WILL NOT RELIEVE THERMAL REDUCTION SYSTEMS, INC. OF THE NEED TO FILE A WRITTEN PETITION FOR AN ADMINISTRATIVE HEARING WITHIN 30 DAYS OF RECEIPT OF THIS COMPLIANCE ORDER WITH ADMINISTRATIVE PENALTY.

By:

William L. Meyer
William L. Meyer, Head
Solid & Hazardous Waste Management
Branch
Division of Health Services
Department of Human Resources

Date:

5/22/87

CERTIFICATE OF SERVICE

I hereby certify that I have caused a copy of the foregoing Compliance Order with Administrative Penalty to be served upon the person(s) designated below, at the last known address, by causing said copy to be deposited in the U. S. Mail, First Class (certified mail, restricted delivery, and return receipt requested, postage prepaid) in an envelope addressed to:

Mr. H. E. Archer
Thermal Reduction Systems, Inc.
P.O. Box 2070
Chapel Hill, North Carolina 27514

Dated this 22nd day of May, 1987.

William L. Meyer
William L. Meyer, Head
Solid and Hazardous Waste Management
Branch



C-Files
P. Ala
49

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

February 26, 1987

Mr. H.E. Archer, President
Thermal Reduction Systems, Inc.
P.O. Box 2070
Chapel Hill, N.C. 27514

RE: Notice of Violation

Dear Mr. Archer:

Pursuant to N.C.G.S. 130A-22(a) and to NCAC 10G an inspection was conducted on February 13, 1987 of Thermal Reduction Systems, Inc., infectious waste incinerator, Permit No. 01-02-I, located in Porter Industrial Park, Graham, North Carolina. The inspection by Julian M. Foscue, III., Western Area Supervisor, Solid & Hazardous Waste Management Branch and Terry Waddell, Waste Management Specialist, Solid & Hazardous Waste Management Branch, found Thermal Reduction Systems, Inc. to be in violation of certain requirements contained in the North Carolina Solid Waste Management Rules, codified at 10 NCAC 10G specifically:

1-10 NCAC 10G .0104(e) requires that all containers used for the storage of solid waste shall be maintained in such a manner as to prevent the creation of a nuisance or insanitary conditions. Containers that are broken or otherwise fail to meet this rule shall be replaced with acceptable containers. Thermal Reduction Systems, Inc., was in violation of 10 NCAC 10G .0104(e) in that containers (plastic bags) used for the storage of solid waste were broken as evidenced by blood on the dock and floor at the location trucks are unloaded.

2-10 NCAC 10G .0203(b) requires that a permit shall be mailed to the applicant when an application is approved. If the approval is contingent upon certain conditions being met by the applicant, such conditions shall be noted on the permit. Thermal Reduction Systems, Inc., permit condition #7, provides that storage for fly ash shall be in waterproof containers. Thermal Reduction Systems, Inc. was operating in violation of permit condition #7 in that fly ash was not stored in waterproof containers.

Based upon the foregoing, Thermal Reduction Systems, Inc. is hereby ordered to take the following actions by March 9, 1987 to correct all violations as stated in this Notice of Violation, and otherwise be in compliance with the North Carolina Solid Waste Management Rules, codified at 10 NCAC 10G.

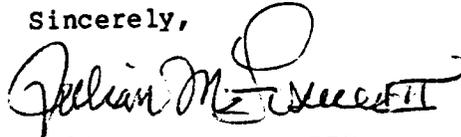
1-Comply with 10 NCAC 10G .0104(e) by storing all solid waste in containers that are not broken, and are otherwise maintained in such a manner as to prevent the creation of a nuisance or insanitary condition.

2-Comply with 10 NCAC 10G .0203(b) by storing fly ash in waterproof containers as provided in permit condition #7.

Pursuant to N.C.G.S. 130A-22(a) and 10 NCAC 10G Section .0701-.0707, an administrative penalty of up to \$500.00 per day may be assessed for violation of the Solid Waste Law or Regulations.

If you have questions concerning this matter, please call me at (919) 733-2178.

Sincerely,



Julian M. Foscue III
Western Area Supervisor
Solid & Hazardous Waste Management Branch
Environmental Health Section

cc: Ernest Perry
Terry Waddell

Enclosure



ala 50

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director
919/733-3446

December 11, 1986

Mr. H. E. Archer
Thermal Reduction Systems, Inc.
P.O. Box 2070
Chapel Hill, North Carolina 27515

Dear Mr. Archer:

On December 3, 1986 I conducted an inspection of Thermal Reduction Systems, Inc. infectious waste incinerator, Permit #01-01-I, located in Porter Industrial Park, Graham, North Carolina. Mr. J. W. Hill, Manager, was present during the inspection. This inspection revealed the following changes since my visit of November 13, 1986:

1. A dumpster has been provided for ash storage.

Mr. Hill advised that containers for cooling and temporary storage of the ash have been ordered. It is my understanding that these containers will comply with condition No. 7 of the permit.

3. Water that comes into contact with solid waste is now discharged to the sewer.

4. Mr. Hill also advised that a log has been developed to assure compliance with condition No. 8 of your permit.

In addition to the above items, it is emphasized that all waste received should be stored in water-tight containers. Minor leakage was observed during the inspection of December 3, 1986.

If this office may provide additional information or assistance, please advise.

Sincerely,

A handwritten signature in cursive script that reads "Julian M. Foscue III".

Julian M. Foscue, III.
Western Area Supervisor
Solid & Hazardous Waste Management Branch
Environmental Health Section

JMF/nlp

cc: Mr. Ernest Perry