



Facility Permit No: 0102  
Permit to Operate – Amendment  
Stericycle, Inc.  
Medical Waste Incinerator  
May 4, 2012  
DIN:16304  
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North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
SOLID WASTE SECTION

**MEDICAL WASTE INCINERATION FACILITY**  
**Permit No. 0102-INCIN-M**

Stericycle, Inc. (Owner/Operator)  
is hereby issued a

**PERMIT TO OPERATE**  
A MEDICAL WASTE INCINERATOR

Located at 1168 Porter Avenue, the Town of Haw River, Alamance County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The legal description of the site is identified on the deeds recorded for this property listed in Attachment No. 1 of this permit.

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Edward F. Mussler, III, P.E.,  
Permitting Branch Supervisor  
Solid Waste Section

## ATTACHMENT 1

### PART I: PERMITTING HISTORY

1. Permit amendment due to change in ownership from Thermal Reduction Systems, Inc. to Browning-Ferris Industries (BFI) Medical Waste Systems (Southeast) Inc. December 1991.
2. Permit Amendment due to change in ownership from Browning-Ferris Industries (BFI) Medical Waste Systems (Southeast) Inc. to BFI Waste Systems of North America, Inc. Including operations plan and ash sampling plan modifications. December 1998.
3. Permit amendment – 5 year renewal and change of name from BFI Medical Waste, Inc. to Stericycle, Inc. September 2003.
4. **Permit amendment – five (5) year renewal May 2012. DIN 16304.**

Permit Type	Date Issued
PTO – Amended	December 31, 1991
PTO – Amended	December 9, 1998
PTO – Amended	September 15, 2003
<b>PTO – Amendment, Ownership Change</b>	<b>May 4, 2012</b>

### PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

Documents 1. through 11. are historical documents from previous permits.

12. *Permit Renewal Application, including; the Title V Permit, the Operations Plan, and the Financial Assurance calculations.* Prepared by Stericycle, Inc. November 2011. DIN 15638.
13. *Incinerator Operating Plan, Revised; February 2012.* Prepared by Stericycle, Inc. February 2012. DIN 16259.
14. *Site Plan.* Prepared by Stericycle, Inc. March 2012. DIN 16279.

### PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Alamance County, N.C. Register of Deeds				
Book	Page	Acreage	Grantor	Grantee
3089	728	3	BFI Medical Waste Inc.	Stericycle Inc.
		3	Total Site Acreage	

#### PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct must be implemented in accordance with Attachment 2 of this permit. The Permit to Operate must be implemented in accordance with Attachment 3 of this permit.
2. The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.
3. (Intentionally blank)
4. (Intentionally blank)
5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition.
7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, “List of Documents for Approved Plan,” and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee must notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit. Issuance of this permit does not remove the permittee’s responsibilities for compliance with any other local, state or federal rule, regulation or statute.

- End of Section -

## ATTACHMENT 2

### CONDITIONS OF PERMIT TO CONSTRUCT

#### PART I: MEDICAL WASTE INCINERATOR UNIT CONDITIONS

*Not Applicable*

-End of Section –

## ATTACHMENT 3

### CONDITIONS OF OPERATING PERMIT

#### PART I: MEDICAL WASTE INCINERATOR UNIT CONDITIONS

1. This permit shall expire **January 31, 2016**. Pursuant to 15A NCAC 13B .0201(g), no later than **July 31, 2015 (6 months prior to expiration)** , the owner or operator must submit a request to the Section’s Regional Waste Management Specialist (the Section’s representative) for permit review and must update pertinent facility plans including, but not limited to, the facility operation.
2. This permit approves the continued operation of the medical waste incineration facility as described in the approved plan. The approved plan is described in Attachment 1, Part II, Document Number 13 of the permit.
3. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility and made available to the Section or its representative, upon request during normal business hours.
4. A responsible individual trained in facility operations must be on-site or available within one hour during all operating hours of the facility.
5. The permittee must maintain a record of the amount of solid waste received at the facility including daily records of waste received and origins of the loads, in accordance with the approved documents, Attachment 1, Part II. Scales must be used to weigh the amount of materials received, recovered and disposed. The daily records should be summarized into a monthly report for use in the required annual reports.
6. On or before August 1 annually, the Permittee must submit an annual facility report to the Solid Waste Section, on forms prescribed by the Section.
  - a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
  - b. The annual facility report must list the amount of waste received, in tons and be compiled:
    - i) On a monthly basis.

- ii) By county or city of origin.
    - iii) By diversion to alternative management facilities.
  - c. The completed report must be forwarded to the Section's representative by the date due on the prescribed annual facility report form.
  - d. A copy of the completed report must be forwarded to each county manager for each county from which waste was received at the facility. Documentation that a copy of the report has been forwarded to the county managers must be sent to the Section's representative by the date due on the prescribed annual facility report form.
- 7. Signs must be posted at the facility that provide information on handling procedures, hours of operation, the permit number, and other pertinent information. Traffic signs or markers must be provided as necessary to promote an orderly traffic pattern to maintain efficient operating conditions.
- 8. The Section's representative will be notified of any plant shutdown, other than normal course of business, due to the business closing, major repairs, or similar interruptions in operation. The Section's representative will be given the opportunity to perform an inspection, including a demonstration showing that the facility meets the operational requirements listed in 15A NCAC 13B.1200, prior to re-opening.
- 9. The facility is permitted to only receive solid waste as defined in NCGS 130A-290 (17a) and as described in the approved plan.
- 10. Hazardous wastes, radioactive wastes, non-processible, and other wastes that may pose a threat to public health or the environment are prohibited.
- 11. Medical Waste is subject to the general requirements of 15A NCAC 13B .1202.
- 12. Regulated Medical Waste is subject to the requirements of 15A NCAC 13B .1203.
- 13. Transportation of untreated regulated medical waste shall conform to the requirements of 15A NCAC 13B .1205.
- 14. Storage facilities for untreated medical waste shall be provided at the treatment facility as described in the approved plan and in accordance with 15A NCAC 13B .0104, .1206 and .1207(1).
- 15. The facility must not cause nuisance conditions.
  - a. The facility must be maintained in a clean, sanitary condition at all times.
  - b. The operating floor, trailer storage and unloading dock area must be cleaned at least daily.
  - c. The storage of the waste must not cause any nuisance, such as odor or attraction of vectors.

- d. Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.
  - e. Control measures must be utilized to minimize and eliminate visible dust emissions and blowing litter.
    - i) Fugitive dust emissions are prohibited.
    - ii) Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary.
16. The incinerator facility shall conform to the operating requirements described in the approved plan, 15 NCAC 13B .0509, .1207(1) and .1207(3).
17. Combustion ash shall be managed as described in the approved plan and in accordance with 15A NCAC 13B .0509 and .1207(3).
18. All water that comes in contact with solid waste, including vehicle wash-down water, is leachate and must be captured and properly treated before release to the environment.
- a. The leachate control system, such as floor drains, leachate collection devices, and leachate storage tanks, must be operational during facility operations.
  - b. The operating floor must drain into the leachate control system.
  - c. No leachate shall be discharged to the facility's septic system.

*-End of Conditions-*