



SCOTT A. THOMPSON  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

KEVIN STITT  
Governor

July 20, 2021

Mr. Mark Triplett, P.E., BCEE, Regional Environmental Manager  
Stericycle, Inc. – Stroud Medical Waste Facility  
101 N. Allied Rd.  
Stroud, OK 74079

Re: Tier II Permit Modification  
Stericycle, Inc. – Stroud Medical Waste Facility  
Regulated Medical Waste Processing Facility  
Lincoln County  
Solid Waste Permit No. 3541014

Dear Mr. Triplett:

On March 22, 2021, the Oklahoma Department of Environmental Quality (DEQ) received a Tier II Permit Modification Application (Application) from Stericycle, Inc. – Stroud Medical Waste Facility (Stericycle) to modify its existing permit for an increase of more than twenty-five percent (25%) but less than fifty percent (50%) in permitted capacity for processing regulated medical waste with a new autoclave. Supplemental information was submitted by email on May 20, 2021. In accordance with Oklahoma Administrative Code 252:4-7-59(2)(C)(i), the application was classified as a Tier II permit modification application.

The application proposed to allow the Bondtech autoclave to process regulated medical waste at the manufacturer's published charge rate of 5,850 pounds per cycle. This is a 46.25% increase in processing capacity from the previous autoclave that was replaced.

Pursuant to Title 27A O.S. § 2-14-301(A), the application Notice of Filing was published in the *Lincoln County News*, Chandler, Oklahoma, on April 1, 2021.

Pursuant to Oklahoma Administrative Code (OAC) 252:4-7-7 and 8 (Rules of Practice and Procedure), the Solid Waste Permitting Unit found the application to be administratively and technically complete. On May 25, 2021, DEQ issued the Draft Permit Modification.

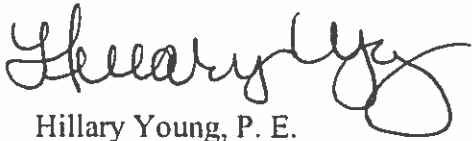
Title 27A O.S. § 2-14-302 required Stericycle to publish "Notice of Draft Permit Modification" in one newspaper local to the site that allows for a 30-day public comment period and opportunity to request a public meeting. The "Notice of Draft Permit Modification" was published in the *Lincoln County News*, in Chandler, Oklahoma, on June 10, 2021. No comments or requests for a public meeting were received.

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Please be advised that DEQ considers the application to be in compliance with the rules and regulations of DEQ and is issuing the enclosed Tier II Solid Waste Permit Modification. Stericycle is approved to process regulated medical waste in the Bondtech autoclave in accordance with the permit modification conditions.

If you have any questions, please contact Ms. Cindy Hailes of my staff at (405) 702-5114 or [cindy.hailes@deq.ok.gov](mailto:cindy.hailes@deq.ok.gov).

Sincerely,



Hillary Young, P. E.  
Chief Engineer  
Land Protection Division

HY/ckh

cc: Ms. Amy R. Hesseltine, Regional Environmental Director, LNV-an Ardurra Company  
Ralph Britton, Plant Manager, Stericycle -Stroud



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# SOLID WASTE PERMIT MODIFICATION

The Department of Environmental Quality hereby approves the following modification:

Permit Number: 3541014  
 Facility: Stericycle, Inc. - Stroud Medical Waste Sterilization and Incineration Facility  
 Facility Type: Regulated Medical Waste Processing Facility  
 County: Lincoln County

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**Modification:** Stericycle, Inc. - Stroud Medical Waste Sterilization and Incineration Facility (Stericycle), having complied with the requirements of the law, is hereby granted permission to modify Solid Waste Permit Number 3541014 for a regulated medical waste processing facility located in Lincoln County, Oklahoma. The modification to the existing permit is to replace the current autoclave with a new, larger capacity Bondtech autoclave that is approved to operate at the manufacturer’s charge capacity. The charge or processing capacity increases from 4,000 pounds per cycle to 5,850 pounds per cycle for a 46.25 percent increase.

**Site Location**

The facility is located at 101 N. Allied Road in Stroud, Oklahoma on 10.2 acres MOL.

**Incorporation by Reference:**

This Permit Modification has been prepared by the Oklahoma Department of Environmental Quality, pursuant to its authority under the Oklahoma Solid Waste Management Act, 27A O.S. §2-10-101 *et seq.*, and the Oklahoma Administrative Code (OAC) 252 (Rules) of the Oklahoma Department of Environmental Quality promulgated thereunder. This Permit Modification is based on data, design criteria, plans, and specifications presented in Stericycle’s Tier I permit modification application, received by email on January 15, 2020, with supplemental information received on February 7, 2020 and by email on February 13, 2020; and Stericycle’s Tier II permit modification application received by email on March 22, 2021, with supplemental information received by email on May 20, 2021, all of which are incorporated by reference. Any inaccuracies found in the applications may provide cause for potential enforcement action against Stericycle and the amendment, modification or revocation of the Permit.

**Conditions:**

1. Stericycle is approved to operate and process regulated medical waste in the Bondtech Corporation regulated medical waste treatment autoclave system (Model No. 16998; Serial No. 16998-013120-1) in accordance with the data, design criteria, plans, and specifications in the permit modification application.



# SOLID WASTE PERMIT MODIFICATION (continued)

2. Regulated medical wastes shall be placed in open metal bins to be treated in the 8 feet × 32 feet autoclave unit. A maximum of 5,850 pounds may be loaded into the sterilization chamber for any one cycle. Typical operating parameters are a pressure range of 40 psig – 50 psig and a temperature range of 280°F - 300°F. The maximum design pressure is 125 psig and the maximum allowable temperature is 450°F.
3. This Permit Modification may be further modified, revoked and reissued, or terminated for cause as specified in 27A O.S. §2-3-502 and OAC 252:4. The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes or anticipated noncompliance on the part of Stericycle does not stay the applicability or enforceability of any Permit Condition or any other law providing for protection of public health or the environment from an imminent or substantial endangerment.
4. Issuance of this Permit Modification does not convey any property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of state or local laws or regulations.
5. The provisions of this Permit Modification are severable. If any part or provision of this Permit Modification or the application of any provision of this Permit Modification to any circumstance is held invalid by a court of competent jurisdiction, the decision of that court or the application of such provision to other circumstances and the remainder of this Permit Modification shall not be affected thereby.
6. If conditions of the Permit change, a permit modification application must be submitted within thirty (30) days to DEQ for approval.

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**Stericycle, Inc. - Stroud Medical Waste Sterilization and Incineration Facility is authorized to operate in conformity with the documents incorporated by reference. Commencing operations under this permit modification constitutes acceptance of, and consent to, the conditions contained herein.**

  
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Hillary Young P.E., Chief Engineer  
Land Protection Division

Date: 7-20-21

  
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Kelly Dixon, Director  
Land Protection Division

Date: 7-20-21