



SCOTT A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

KEVIN STITT
Governor

May 25, 2021

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

Re: Administrative and Technical Review Complete – Draft Permit Modification
Tier II Permit Modification Application
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 their 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.

On March 9, 2021, DEQ issued a Tier I Permit Modification for a processing capacity increase from the replacement of the existing autoclave with a new larger autoclave. The previous autoclave had a charge rate of 4,000 pounds per cycle. Stericycle requested a permit modification for a less than 25% increase in permit capacity for processing at that time. Stericycle restricted, with operational controls, the charge to the new Bondtech autoclave to less than 5,000 pounds of waste resulting in a less than 25% increase in processing capacity. Permit Modification Condition 3 required Stericycle to apply for a Tier II permit modification to operate the new autoclave at the manufacturer's published charge rate or at a greater load/charge than 5,000 pounds per cycle.

The Application proposes to remove the operational controls and 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 to the replacement autoclave.

Pursuant to 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.



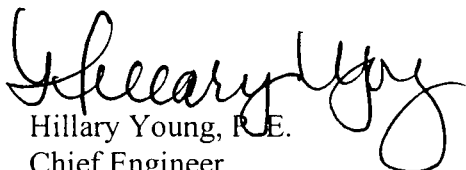
Mr. Mark Triplett, P.E., BCEE, Regional Environmental Manager
Stericycle, Inc. – Stroud Medical Waste Facility
May 25, 2021
Page 2 of 2

Pursuant to Oklahoma Administrative Code (OAC) 252:4-7-7 and 8 (Rules of Practice and Procedure), the Solid Waste Permitting Unit conducted an administrative and technical completeness review with respect to the Application and found it to be administratively and technically complete.

Enclosed is a copy of the Draft Permit Modification for your review, together with instructions for the preparation, publication and certification of the legal notice as required with all Tier II applications. As noted in the instructions, please submit a draft of the legal notice to DEQ for review, prior to publication.

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

Sincerely,



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

HY/ckh

Enclosures

cc: Amy R. Hesseltine, Regional Environmental Director, LNV-an Ardurra Company, 801 Navigation, Suite 300, Corpus Christi, Texas 78408

Ralph Britton, Plant Manager, Stericycle -Stroud

DRAFT 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

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, 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.

**DRAFT 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.

=====

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.

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

Date: _____

Kelly Dixon, Director
Land Protection Division

Date: _____