

Public Hearing: Stericycle, Inc.

AIR QUALITY PERMIT OVERVIEW

Stericycle, Inc. currently operates two incinerators for the disposal of hospital, medical and infectious waste at its facility in Haw River. It applied to the N.C. Division of Air Quality (DAQ) to renew its Title V air quality permit without any modifications.

The facility's control equipment limits emissions of nitrogen oxides, sulfur dioxide, particulate matter and acid gases. In December 2022, Stericycle and DAQ entered into a consent order to resolve numerous violations related to Stericycle bypassing its pollution controls. The consent order required Stericycle to make upgrades to its facility to reduce future bypasses.

Facility Location

Stericycle is at 1168 Porter Ave., Haw River, near the Jimmie Kerr Road exit from Interstate 40, between Burlington and Mebane (Figure 1). It is close to Alamance Community College.

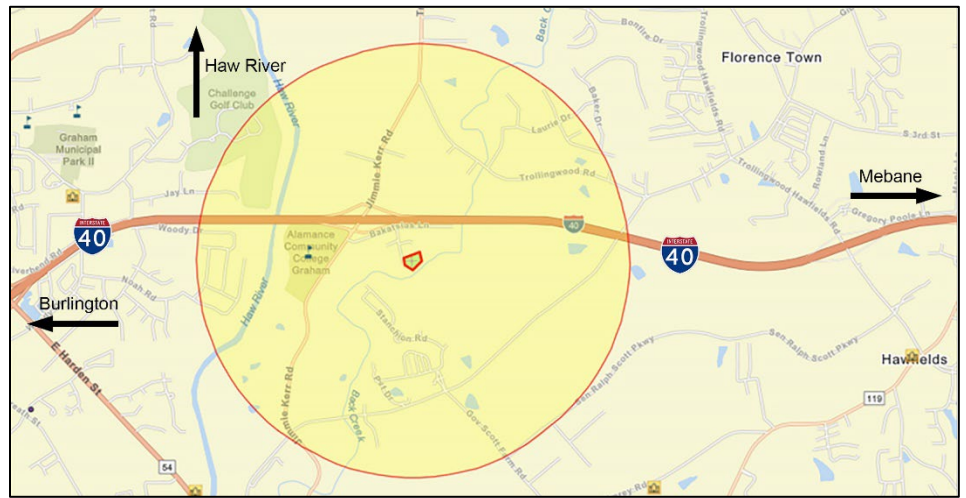


Figure 1: Stericycle footprint (approx.) with a 1-mile buffer circled around the facility.

Pollutant	2021 emissions (tons/year)	2020 emissions (tons/year)
PM ₁₀	1.03	0.82
SO ₂	0.33	0.23
NO _x	24.57	22.03
CO	0.74	0.70
Volatile Organic Compounds	0.85	0.87
Total Hazardous Air Pollutants (HAPs)	0.15	0.03
Highest HAP	0.128 (hydrogen chloride)	0.014 (hexane, n-)

Facility Emissions

Stericycle's air emissions depend on the makeup of the waste burned. An overview of the facility's actual emissions in 2021 and 2020, the last two years for which data is available, is presented in the table.

PUBLIC HEARING & PUBLIC COMMENT PERIOD

Public Hearing

DAQ is holding a public hearing to receive comments on the draft air quality permit. Live Spanish interpretation will be available during the public hearing.

Date & Time: Tuesday, Aug. 22, 2023, from 6-8 p.m.

Location: Alamance Community College auditorium, 1247 Jimmie Kerr Road, Graham, NC

Submit Comments

If you are unable to attend the hearing, you can provide comments on the project using one of the following options. Comments will be accepted until **5 p.m. on Friday, Aug. 25, 2023.**

Email: daq.publiccomments@deq.nc.gov with the subject line "Stericycle.21A"

Mail: NCDEQ Division of Air Quality, 1641 Mail Service Center, Raleigh, NC, 27699-1641

Phone: Call (919) 707-8714 to record your comments via voice mail.

For more information, visit deq.nc.gov/Stericycle.21A. If you have any questions, contact Shawn Taylor at Shawn.Taylor@deq.nc.gov or (919) 707-8446. *Si necesita esta información en español por favor llame al (919) 609-2189 o mande un correo a Guadalupe.jimenez@deq.nc.gov.*

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