

Wolfspeed Siler City: Public Comment Period

PROPOSED PROJECT

Wolfspeed, Inc. – Siler City Factory (Wolfspeed) has submitted an air quality permit application to the N.C. Division of Air Quality (DAQ). The permit would allow Wolfspeed to construct and operate a new semiconductor manufacturing facility.

The proposed factory would use a gas scrubber system to control emissions of volatile organic compounds (VOCs), hazardous air pollutants (HAPs) and toxic air pollutants. A gas abatement system and particulate matter collection devices will control emissions of additional pollutants.

Project Location

The current address for the Wolfspeed project is 20436 US Highway 64 W., west of Siler City, at the Chatham County manufacturing megasite. This address is in between Stockyard Road and J.C. Teague Road (Fig. 1). Once constructed, the future factory address will be 1000 Carolina Core Parkway, Siler City.

Potential Emissions

The facility's emissions of regulated air pollutants must comply with state and federal health-based standards. Air dispersion modeling reviewed by DAQ shows the facility's emissions can comply with applicable standards.

Wolfspeed would be considered a major source facility because potential emissions of nitrogen oxides (NO_x) will be above the 100-tons-per-year major source threshold. The facility's potential emissions, after controls, are given in the table below.

Pollutant	VOCs	PM ₁₀ & PM _{2.5}	NO _x	CO	SO ₂	Hydrochloric acid (Highest HAP)	Total HAPs
Potential Emissions (tons/year)	18.34	5.59	113.62	62.89	0.14	1.20	2.92

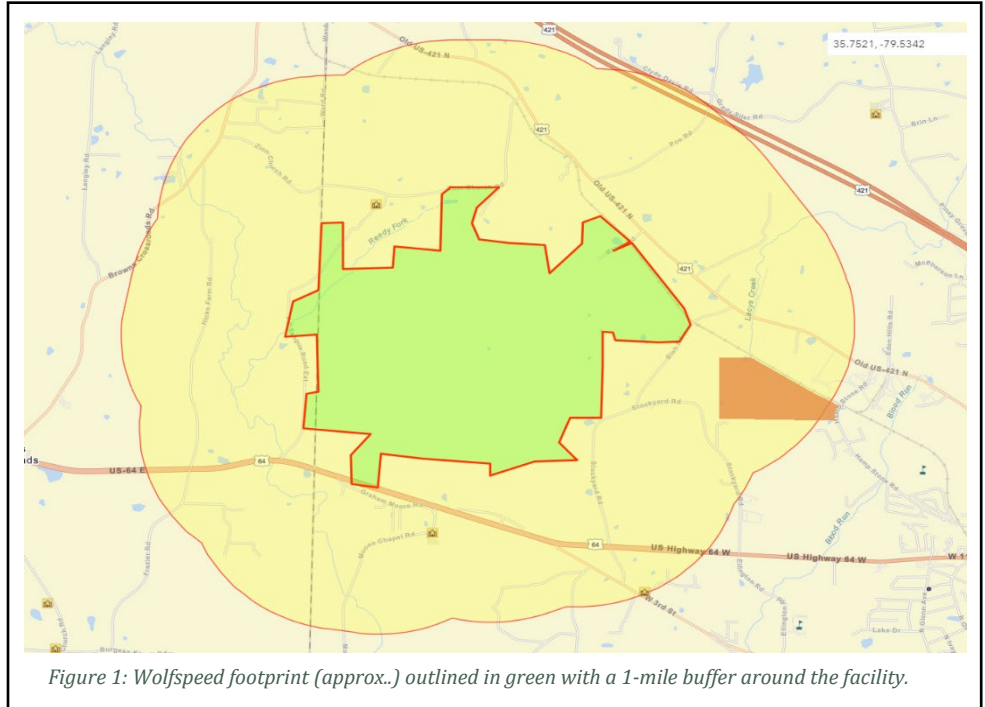


Figure 1: Wolfspeed footprint (approx.) outlined in green with a 1-mile buffer around the facility.

PUBLIC COMMENT

DAQ is holding a 30-day public comment period to receive comments on the draft air quality permit for Wolfspeed. The public is invited to submit comments by May 13, 2023, at 5 p.m. using any of the following options:

Submit Comment

- **Email:** daq.publiccomments@ncdenr.gov with the subject line "Wolfspeed.22A"
- **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 <https://bit.ly/3mtVz4M>. If you have any questions, please contact Shawn Taylor at Shawn.Taylor@ncdenr.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@ncdenr.gov.

