

Public Hearing: Sapphire Renewable Natural Gas

PROPOSED PROJECT

Sapphire Renewable Natural Gas, a subsidiary of GFL Environmental Inc., applied to the N.C. Division of Air Quality (DAQ) for a permit to allow it to accept landfill gas from Sampson County Disposal, LLC and process it into natural gas onsite.

Potential Emissions

Currently, Sampson County Disposal burns off its landfill gas using a flare. Sapphire Renewable Natural Gas proposes to process the landfill gas into natural gas and substantially reduce net emissions across the entire landfill. The facility will be considered a major source and will require a Title V air quality permit.

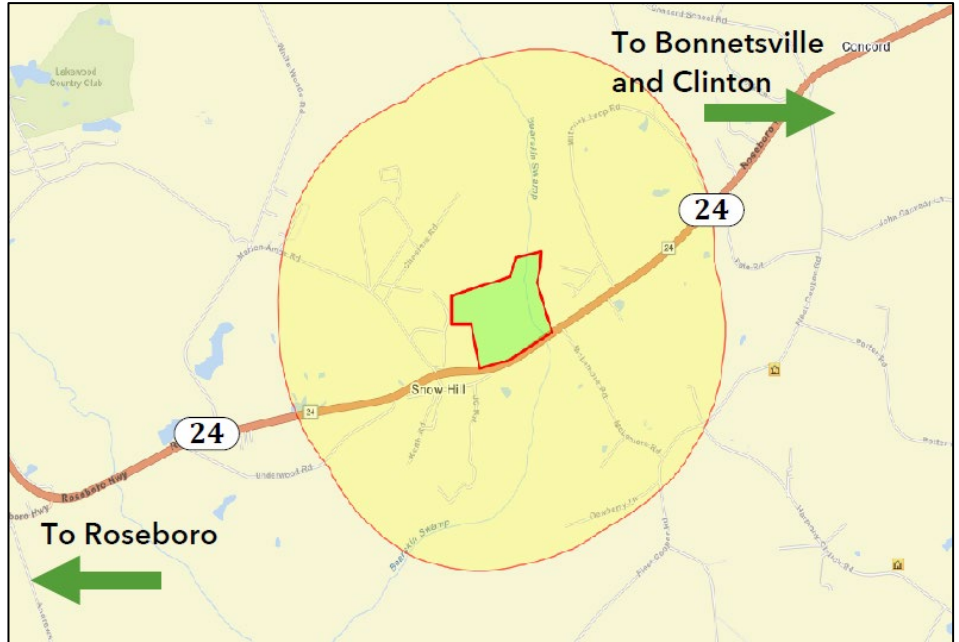


Figure 1: Sapphire Renewable Natural Gas footprint (approx.) outlined in green with a 1-mile buffer around the facility.

Air emissions will be controlled by a waste gas thermal oxidizer, a candlestick flare and two hydrogen sulfide removal vessels. Emissions of all modeled toxic air pollutants were less than 1% of their acceptable ambient limit. Due to concerns regarding the presence of per- and polyfluoroalkyl substances (PFAS) at the landfill, the draft air quality permit requires initial testing of the inlet landfill gas for the presence of PFAS and requires the company to disclose information about the emissions of fluorinated chemicals.

Project Location

Sapphire Renewable Natural Gas will be at the Sampson County Disposal landfill at 7424 Roseboro Highway (NC Highway 24) in Roseboro, NC. The address is near Marion-Amos Road, McLemore Road and Mitchell Loop Road.

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, June 27, 2023, from 6-8 p.m. (Doors open at 5:30 p.m.)

Location: Clinton City Hall, 221 Lisbon St., Clinton, 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, June 30, 2023.**

Email: daq.publiccomments@ncdenr.gov with the subject line "Sapphire.22A"

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

Phone: Call (919) 707-8726 to record your comments via voice mail.

For more information, visit <https://bit.ly/3Wx0was>. 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.*

