



## Climate Action Pocket Questions

Title: 2026 Urban and Community Forestry Financial Assistance Grant

Purpose: *This agenda item seeks approval from council to apply for the 2026 Urban and Community Forestry Financial Assistance Grant to complete a street tree inventory and urban forestry management plan.*

Department: Town Manager's Office

**1. How will this action impact municipal or community greenhouse gas emissions?**

Not applicable

**2. Please explain.**

Municipal or community emissions will not be affected by applying for this grant.

If awarded, this grant will reduce community greenhouse gas emissions. Trees are a powerful carbon sink, absorbing carbon dioxide from the atmosphere through photosynthesis and storing it long-term in their wood, leaves, roots, and soil, which helps mitigate climate change by reducing atmospheric carbon. It may, however, increase municipal emissions through increased use of heavy equipment and vehicles to better maintain and expand the urban forest.

**3. How will this action impact the Town's environment?**

If awarded, this action will impact heat islands and extreme heat, biodiversity, flooding, and air quality.

**4. Please explain.**

Urban forests provide essential ecological, economic, and social value by improving air quality, cooling cities (reducing heat islands), and managing stormwater runoff. They increase property values, reduce energy costs through shade, support biodiversity and improve physical and mental health.

**5. How is your department planning to mitigate any climate or environmental impacts? NOTE: This does not reflect a formal commitment by the Town of Carrboro.**



TOWN OF CARRBORO • NC

If awarded, the Town will supervisor consultants conducting the street tree inventory, community engagement and other aspects of the Urban Forestry Management Plan to reduce vehicle use as much as possible.