

# Cumberland County Solid Waste Roll-off Fleet Improvements

DAQ Site visit 1/11/2022

NCDEQ, Division of Air Quality



## Project Overview

Cumberland County Solid Waste Management operates the Ann Street Landfill facility and seventeen convenience centers across the county. The Solid Waste Management fleet includes twelve roll-off trucks for the transportation of household trash, recyclables, yard waste, and metals from all parts of Cumberland County.

Under this project, Cumberland County completed the replacement of three Volvo roll-off trucks (ranging from engine model year 1998 to 2000) with three engine model year 2021 Mack roll-off trucks. These trucks will be used daily from 6 am until 4 pm across Cumberland County and will each accrue approximately 50,000 miles annually and will reduce NOx emissions in the county by 0.49 tons per year. The total cost of the new vehicles was \$474,189.00 of which \$303,481 was paid for with North Carolina Volkswagen (VW) Settlement Program funds (the remaining

funds were provided by Cumberland County).

## On-Road Program

For Phase 1 of the NC VW Settlement program, \$4,208,959 was used to fund projects under the On-Road Program. Sixteen projects were funded under the On-Road Program for the replacement of forty-four vehicles across North Carolina.

N.C. Division of Air Quality

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### **Additional Site Photos**



### **Additional Program Details**

The North Carolina Department of Environmental Quality, Division of Air Quality administers the \$92 million allocation of Volkswagen Mitigation Settlement funds for North Carolina. This project was funded in Phase 1 of the program. Phase 2 of the program will combine the originally planned phases two and three into one final phase. The primary goal of the Clean Heavy-Duty Equipment and Vehicle Program is to mitigate nitrogen oxides, particulate matter, and greenhouse gas emissions in the state. To achieve that goal, the program will replace Class 4-Class 8 equipment and vehicles such as local freight trucks, ferries, forklifts, and switcher locomotives. Approximately \$13,598,000 will be available for this program.

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