



Coble C&D Landfill Transfer Franchise Agreement Summary:

- Continue operations as a NC DEQ permitted Construction & Demolition Debris (C&D) Landfill as allowed by permit #0105-CDLF-1998 Phases 1, 2 and 3A in compliance with the Alamance County Solid Waste Management Ordinance.
- The term of the franchise agreement will be life of site including all potential future expansions.
- Serve the C&D disposal needs of Alamance County and the 26 counties listed herein including residential, commercial, municipal, industrial and institutional customers and contractors: Alamance, Granville, Person, Caswell, Guilford, Randolph, Chatham, Harnett, Rockingham, Cumberland, Hoke, Rowan, Davidson, Johnson, Stanly, Davie, Lee, Stokes, Durham, Montgomery, Vance, Forsyth, Moore, Wake, Franklin, Orange and Yadkin Counties.
- Commit to a \$1 per ton host fee paid quarterly to the County on all disposed (buried) waste excluding County-delivered waste.
- Guarantee a minimum host fee payment to the County of \$50,000 (prorated from the date of NC DEQ permit transfer approval) for 2023, \$50,000 for 2024 and \$75,000 for 2025 and \$100,000 all years following during the operation of the C&D landfill.
- Accept a maximum disposal rate of 600 tons per day (based upon the calendar year) unless increased at a later date by amendment of the Franchise Agreement (excluding recycled materials to be utilized or transported offsite).
- Implement landfill operating days of Monday – Friday and half days on Saturday. Sundays the landfill will be closed except for unforeseen circumstances requiring limited operations with County approval.
- Guarantee County C&D disposal capacity for no less than 10 years which shall include future expansions to the site if needed. Board approval shall not be unreasonably withheld.
- Provide Alamance County a “Favored Nations” rate for disposal of C&D Waste delivered to the landfill by County-owned vehicles including a disaster event discount of 75% of posted gate rate. Provide DIY residential customers a reduce rate of 90% of the posted gate rate at all times.
- Upon the future closure of the C&D disposal cell(s) at the Alamance County MSW landfill, Meridian Waste will accept diverted C&D tons at the Coble disposal site at market rates during appropriate operation hours.
- Maintain a \$500,000 pollution liability insurance policy, with the County named as an additional insured, or provide \$500,000 of financial security using a mechanism satisfactory to both parties throughout the life of the landfill which will terminate 20 years after the closure of the landfill.
- Maintain NC DEQ mandated Financial Assurance for the closure and post-closure costs of the Landfill in compliance with North Carolina General Statutes §130A-295.2.
- Invest in the upgrade of the Landfill entrance and landscaping.
- Invest in the community by way of sponsorships, charitable donations, neighborhood events and/or educational experiences a minimum of two times per year.
- Collect litter, whether or not it is generated by vehicles delivering materials to the Landfill, 0.5 miles on either side of the entrance of that state route on a monthly basis, weather permitting.
- In March 2023, a professional, 3rd party traffic impact study was conducted to analyze the existing and projected traffic volumes associated with the proposed service increases related to the newly proposed Coble C&D Landfill franchise agreement. Existing traffic conditions were analyzed for the surrounding intersections to determine the need for potential improvements to accommodate the future truck traffic volumes and allow efficient ingress and egress to the site. The study analyzed the capacity and delay associated with the additional traffic entering and exiting from Foster Store Road to the site, as well as the intersections at either end of Foster Store Road.

FINDINGS: Future build analyses show that all intersections are operating at acceptable levels with the current geometry and lane configurations. No additional improvements are necessary at the entrance or at either of the intersections to the north and south of the landfill entrance due to the expanded landfill operations.

STUDY FINDINGS

Existing Conditions

The following points summarize analysis of the existing conditions within the study area:

- Existing operations along Foster Store Rd at the Coble Sandrock facility main driveway are within acceptable ranges of delay.
- The Kimesville Rd and W Greensboro Chapel Hill Rd intersections are all operating at LOS A for AM and PM peak hours.

Proposed Development

The anticipated traffic impact of the Coble Sandrock landfill expansion is summarized below:

- The proposed Open Year (2023) for the landfill is projected to introduce 13 new trucks trips per day.
- The sandrock sales trucks were assumed to be 2 trips in the AM peak and 4 trips in the PM peak. These eliminated trips offset the proposed new trips from the transfer trucks and expanded landfill service.
- Trip distribution was based on travel patterns associated with the existing operations of the landfill. This data indicates that 66% of traffic arriving from/departing to the north of the site. The remaining 33% comes/goes from the south of the site both in the morning and in the afternoon.

Future Traffic Operations

The anticipated traffic impact of the Coble Sandrock landfill expansion is summarized below:

- The proposed Design Year (2026) for the landfill is projected to introduce 130 new truck trips per day.
- The proposed Design Year (2026) for the landfill is projected to introduce approximately 12 of these new trips during the morning peak hour (10%) and 32 new trips during the evening peak hour (25%).
- No intersection approach has a LOS lower than A throughout the analysis.