

Shotwell Construction & Demolition (C&D) Landfill

Franchise Amendment Request
(First Reading)

June 16, 2025

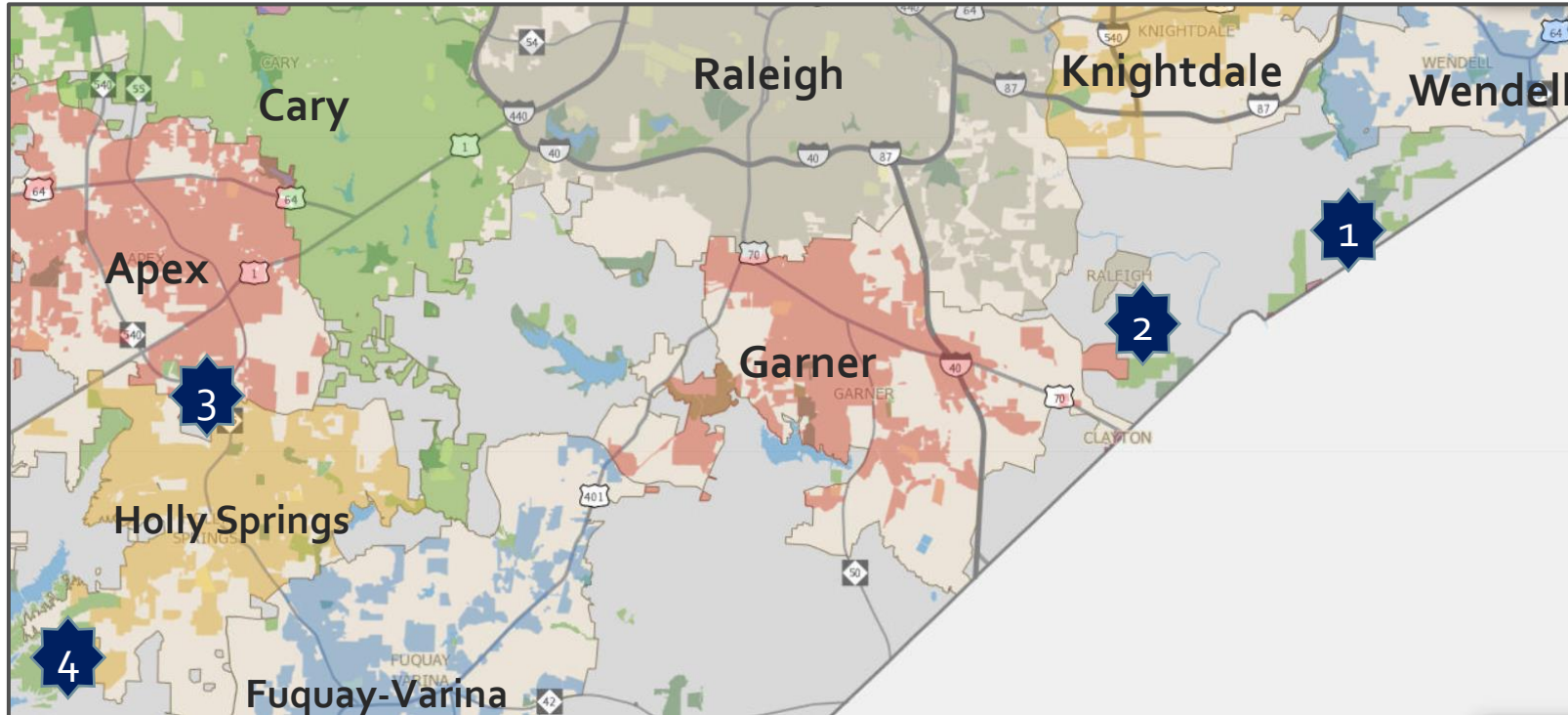
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C&D Franchise Background



- Four C&D landfills in Wake County
 1. Shotwell
 2. Brownfield
 3. Greenway
 4. Red Rock
 - Initial franchises for all 4 were obtained in 2000-2003 when county closed publicly owned C&D facilities

Status of Current C&D Franchises

FACILITY	ANNUAL THRESHOLD (Tons)	COUNTIES IN SERVICE AREA
1 - Shotwell	365,000	8
2 - Brownfield	401,500	16
3 - Greenway	300,030	8
4 - Red Rock	730,000	59

Permitting versus Franchise

- NC Division of Environmental Quality (DEQ) is responsible for all landfill permitting under state/EPA guidelines/rules
- C&D Franchise Amendment required when...
 - Change maximum annual tonnage to be buried by the facility
 - Add locations (typically counties) from which waste can be received from
 - Significant changes to the facility's NC DEQ permit (this request)
- After BOC review, NC DEQ conducts permitting process to review/approve associated permit changes
- It is important to note that Wake County Planning reviews/approves zoning, special use permitting, etc.

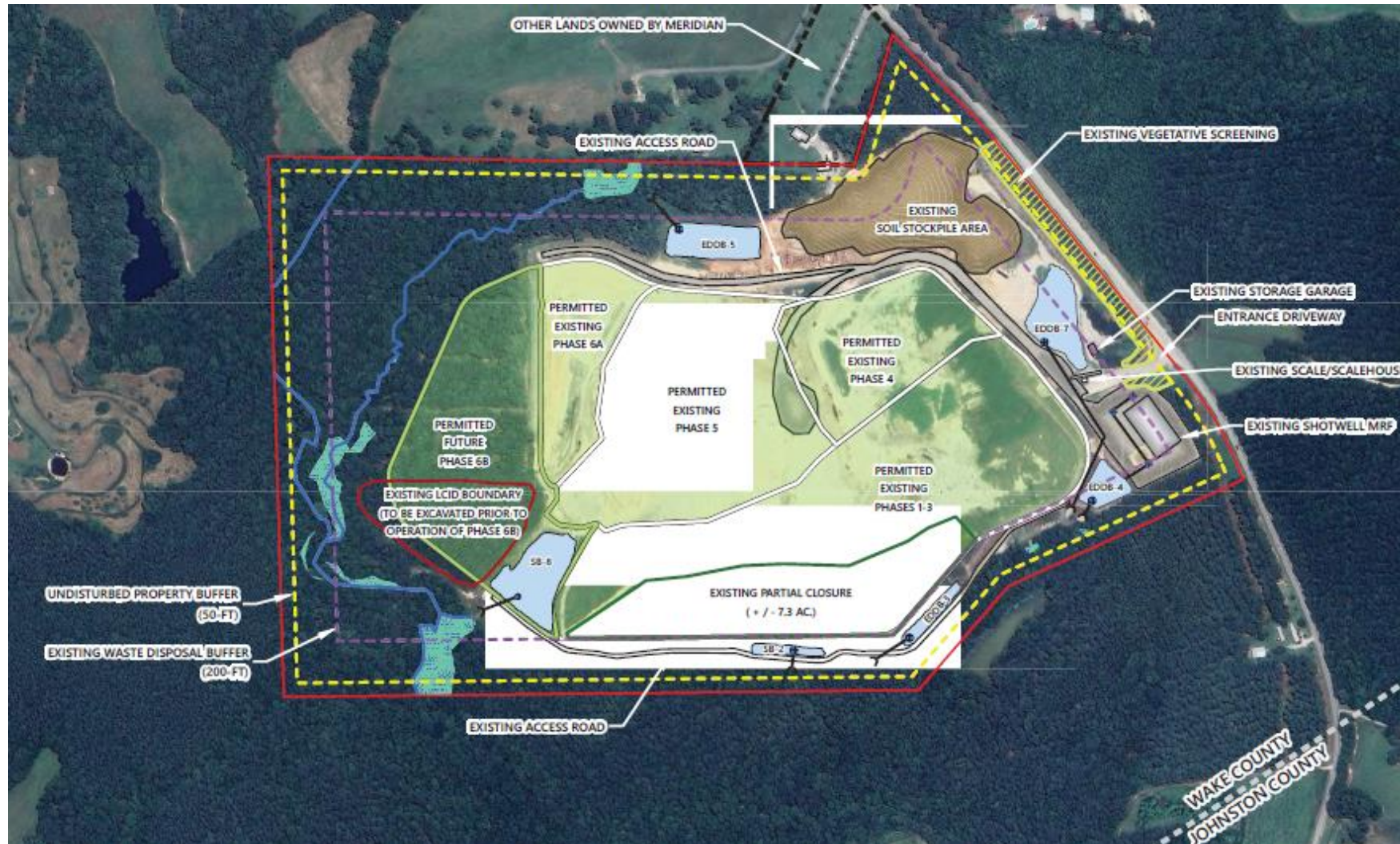
Franchise Modification Process

- ✓ Submittal of package to Wake County Solid Waste Division
- ✓ Date of public hearing is advertised
- ✓ Notice(s) are posted by proponent (on-site, newspaper & package placed at local library)
- ❑ Public Hearing via BOCC with first vote
- ❑ Comes back to BOCC after 30 days for a 2nd vote on Franchise Amendment (2 meeting requirement is a NCGS requirement)

Prior Shotwell Franchise Modifications

- July 2000 – Approved initial franchise request.
- November 2003 – Approved amendment requesting an increase in tonnage threshold.
- September 2006 – Approved amendment to increase the franchise service area and disposal volume per year (to Wake and Johnston Counties with a maximum of 91,250 tons/year)
- Shotwell (under prior ownership) attempted twice to revise tonnage and failed – 2011 and 2016
- May 2022 (under new ownership) – Approved request to increase annual tonnage disposal volume (365,000), add six counties (Durham, Granville, Franklin, Nash, Harnett and Chatham) to the service area and construct a material recovery facility (MRF) to recycle construction and demolition waste

Current Shotwell Request (Existing Site)



OTHER LANDS OWNED BY MERIDIAN

EXISTING SEDIMENT POND TO BE REMOVED WITH CONSTRUCTION OF PHASE 7A

EXISTING ACCESS ROAD

PROPOSED SEDIMENT POND (TYP)

EXISTING VEGETATIVE SCREENING

EXISTING SEDIMENT POND TO BE REMOVED WITH CONSTRUCTION OF PHASE 7B

PROPOSED RELOCATED STORAGE GARAGE

PROPOSED RELOCATED SCALE/SCALEHOUSE

ENTRANCE DRIVEWAY (20-FT WIDE; ASPHALT)

EXISTING STORAGE GARAGE

EXISTING SHOTWELL MRF

EXISTING SCALE/SCALEHOUSE

EXISTING SEDIMENT POND

EXISTING ACCESS ROAD

EXISTING SEDIMENT POND TO BE EXPANDED

EXISTING SEDIMENT POND

PROPOSED SEDIMENT POND

PROPOSED SEDIMENT POND

EXISTING SEDIMENT POND

EXISTING SEDIMENT POND TO BE REMOVED WITH CONSTRUCTION OF PHASE 6B

EXISTING WASTE DISPOSAL BUFFER (200-FT)

UNDISTURBED PROPERTY BUFFER (50-FT)

POTENTIAL FUTURE BORROW AREA (+/- 4.5 AC)

PROPOSED ALL WEATHER ACCESS ROAD

PERMITTED EXISTING PHASE 6A

PERMITTED FUTURE PHASE 6B (+/- 11.9 AC)

EXISTING LCID BOUNDARY (TO BE EXCAVATED PRIOR TO OPERATION OF PHASE 6B)

PERMITTED EXISTING PHASE 5

PERMITTED EXISTING PHASE 4

PERMITTED EXISTING PHASES 1-3

EXISTING PARTIAL CLOSURE (+/- 7.3 AC)

EDDB-5

PROPOSED PHASE 7A (+/- 6.0 AC)

PROPOSED PHASE 7B (+/- 5.2 AC)

EDDB-7

EDDB-4

EDDB-6

SB-8

SB-2

WAKE COUNTY

JOHNSTON COUNTY

- WAKE COUNTY

Subsequent Processes

- If approved by BOC
 - New/amended Special Use Permit must be issued by Wake's BOA
 - New “substantial amendment” permit required by NC DEQ
- As part of this permit review, NC DEQ can request additional information as follows:
 - Additional environmental assessment
 - Traffic study
 - Environmental justice review
 - Financial assurance requirements
 - Others