

WELCOME

Community Conversations:
Building our Long-term Disposal Needs



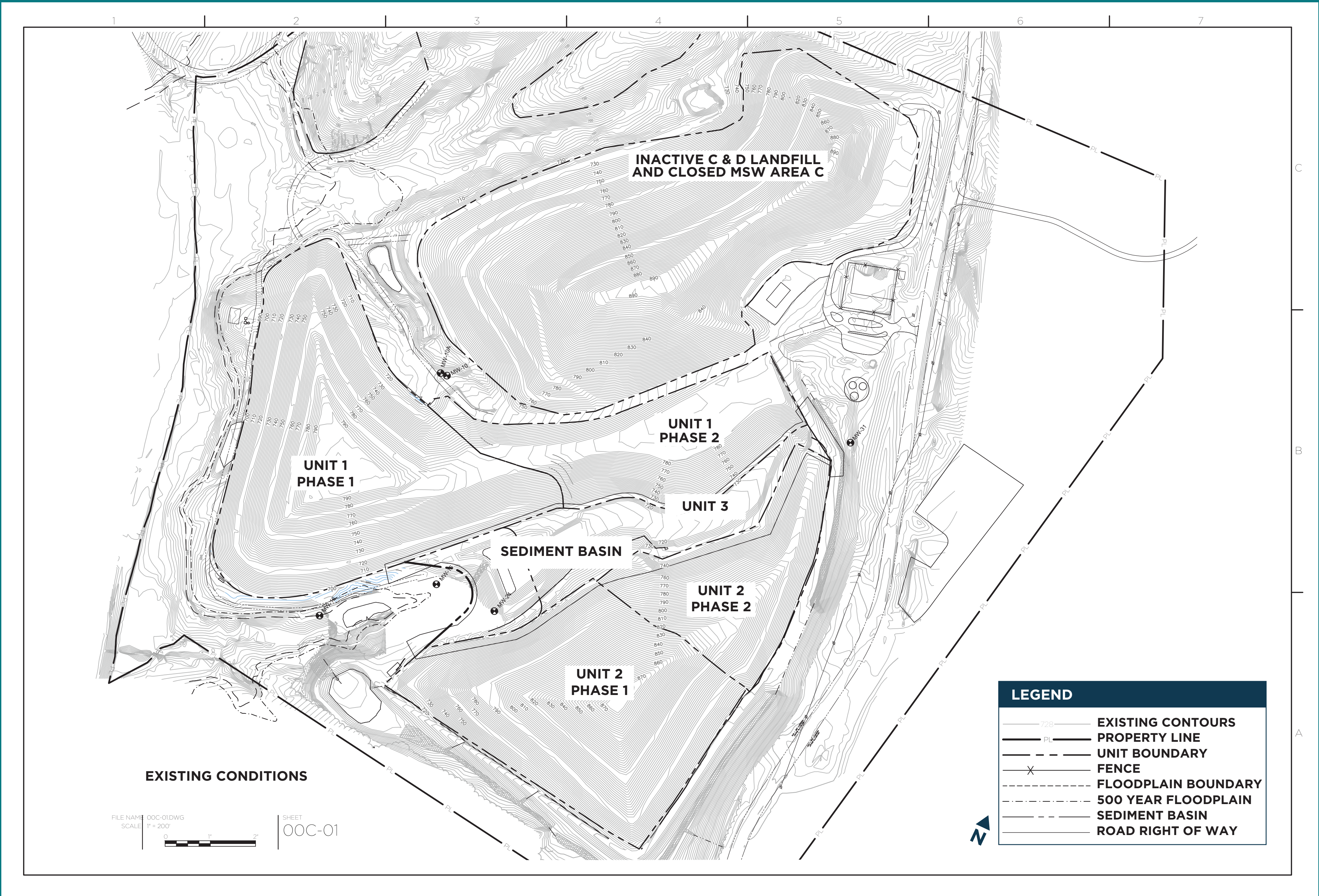
Why We're Here:

The Future of Gaston County Landfill

Since 1987, the Gaston County Sanitary Landfill has served residents and businesses for the disposal of solid waste.

The landfill's permitted areas will carry us for the next five years.

The proposed expansion would add 10 million cubic yards and extend the life of the landfill by 15 years.



3155 Philadelphia Church Road, Dallas, NC 28034

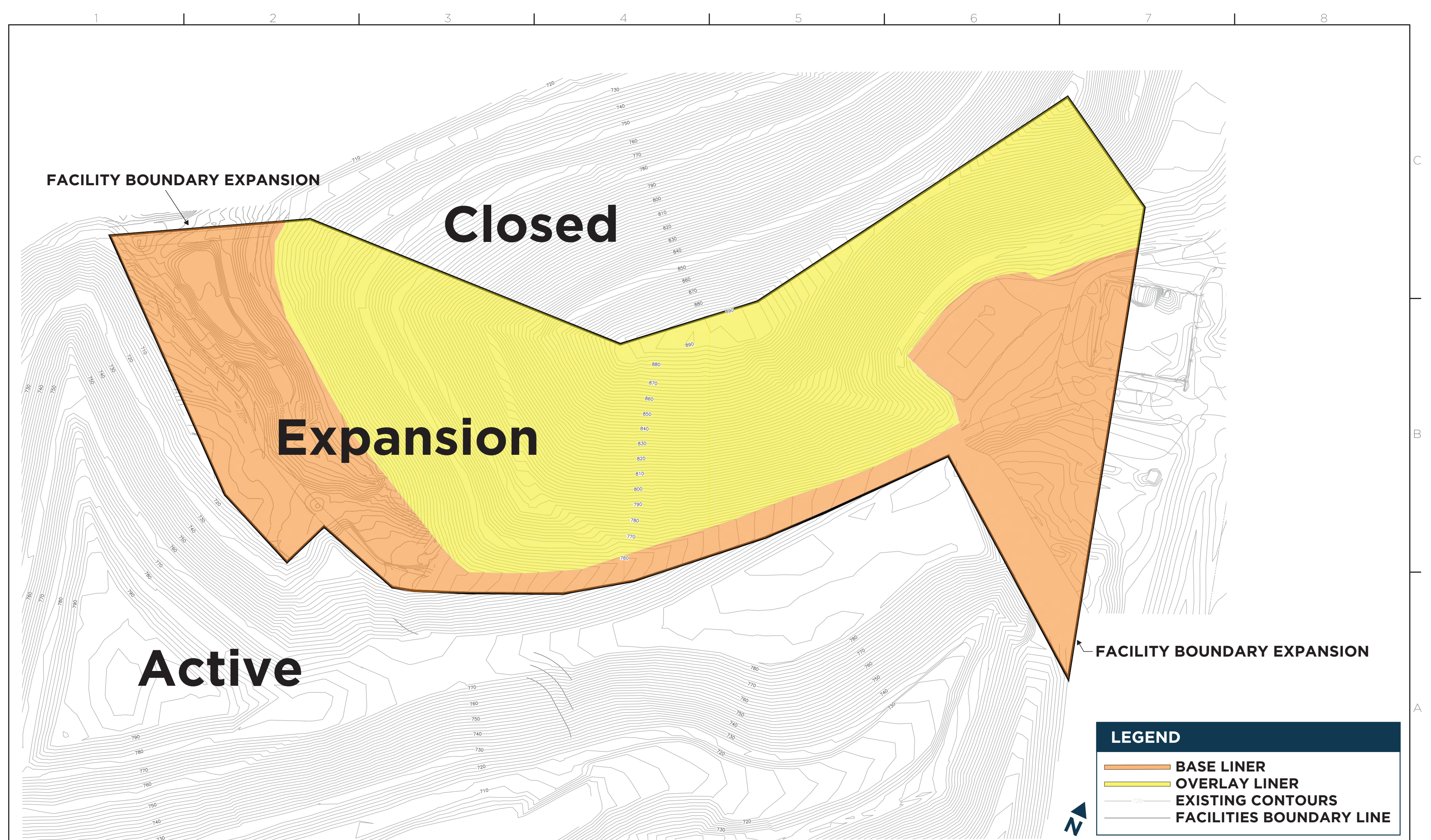


The Future of Gaston County's Landfill

The proposed expansion area is in the center of the landfill property – between the currently active area and the closed section of the landfill.

The expansion would also lay on top of part of the closed section.

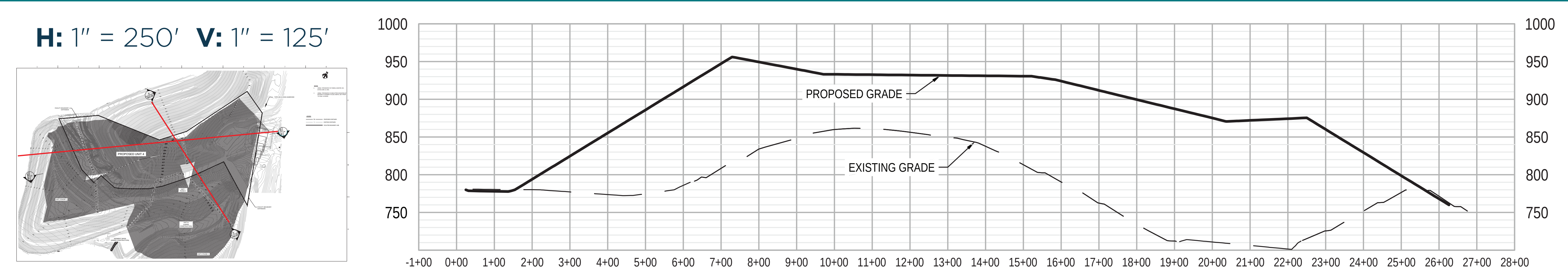
Using this area will allow us to make most efficient use of the site's disposal potential.



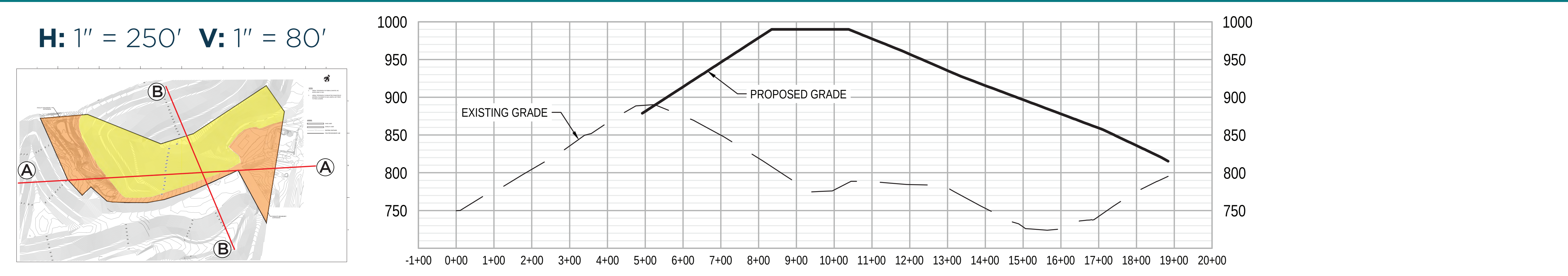
The Future of Gaston County's Landfill

This chart shows the existing grade elevations of the current landfill and the proposed expansion volume and proposed final height.

Profile A

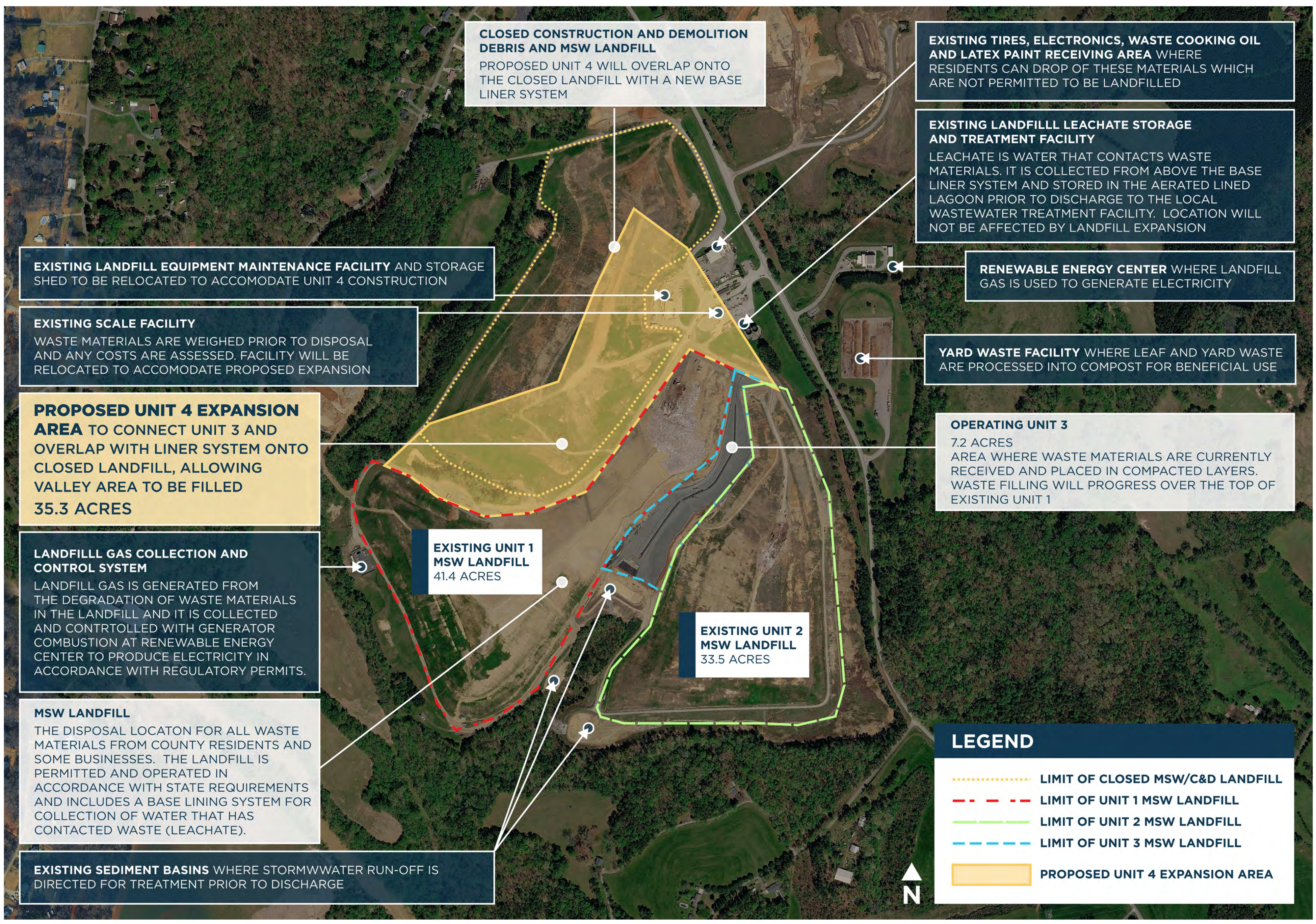


Profile B



What We Have:

Parts of Gaston County Landfill



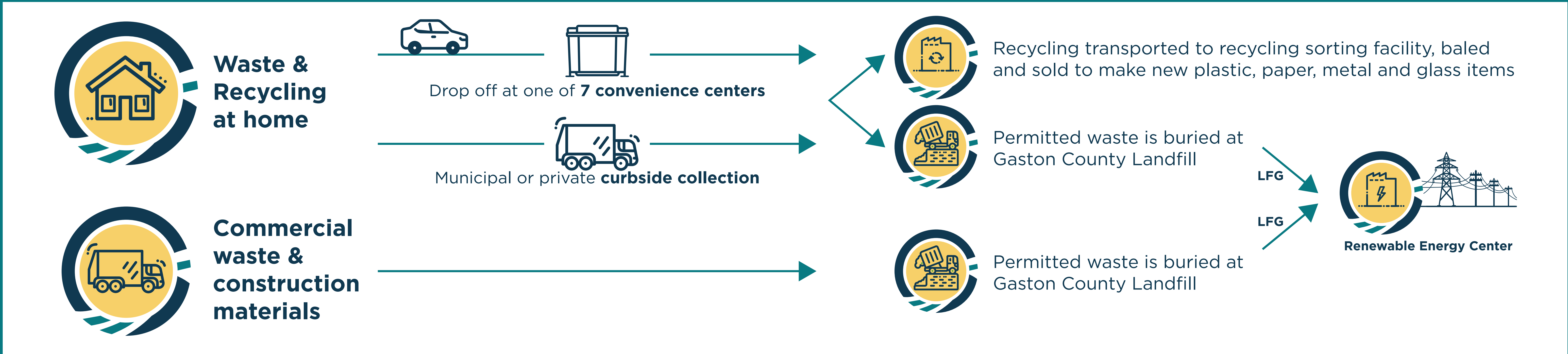
What We Do:

Waste Management in Gaston County

What is a landfill?

Grassy hills and earth surrounded by a landscape of trees may not sound like what most people think of as a landfill. Landfills are carefully designed, constructed, and operated to fully contain waste efficiently and safely.

Where our Waste Goes



Recycle Right!

The Do's and Don'ts of Waste Disposal

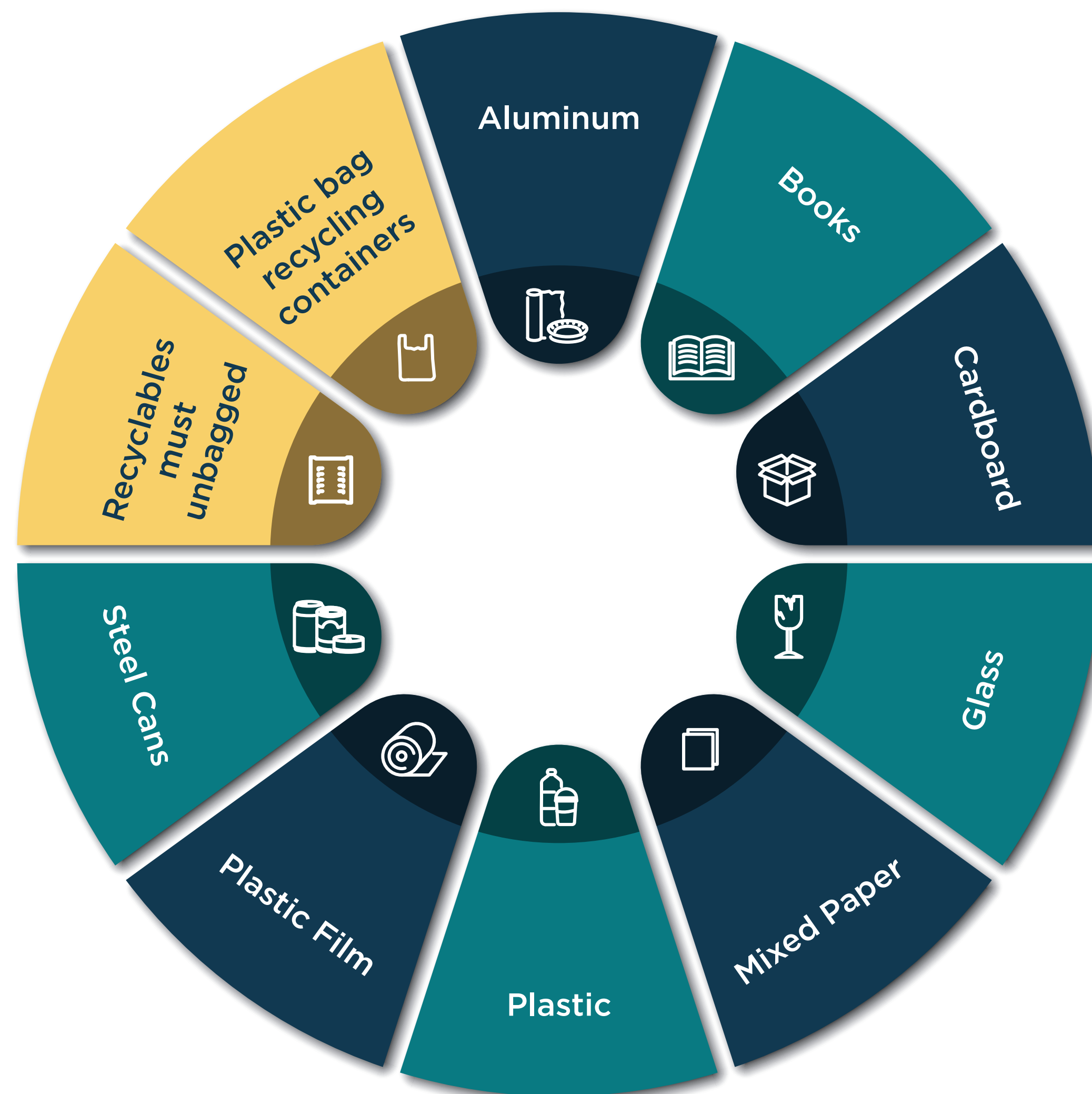
Recycling Hotline

704-922-7729

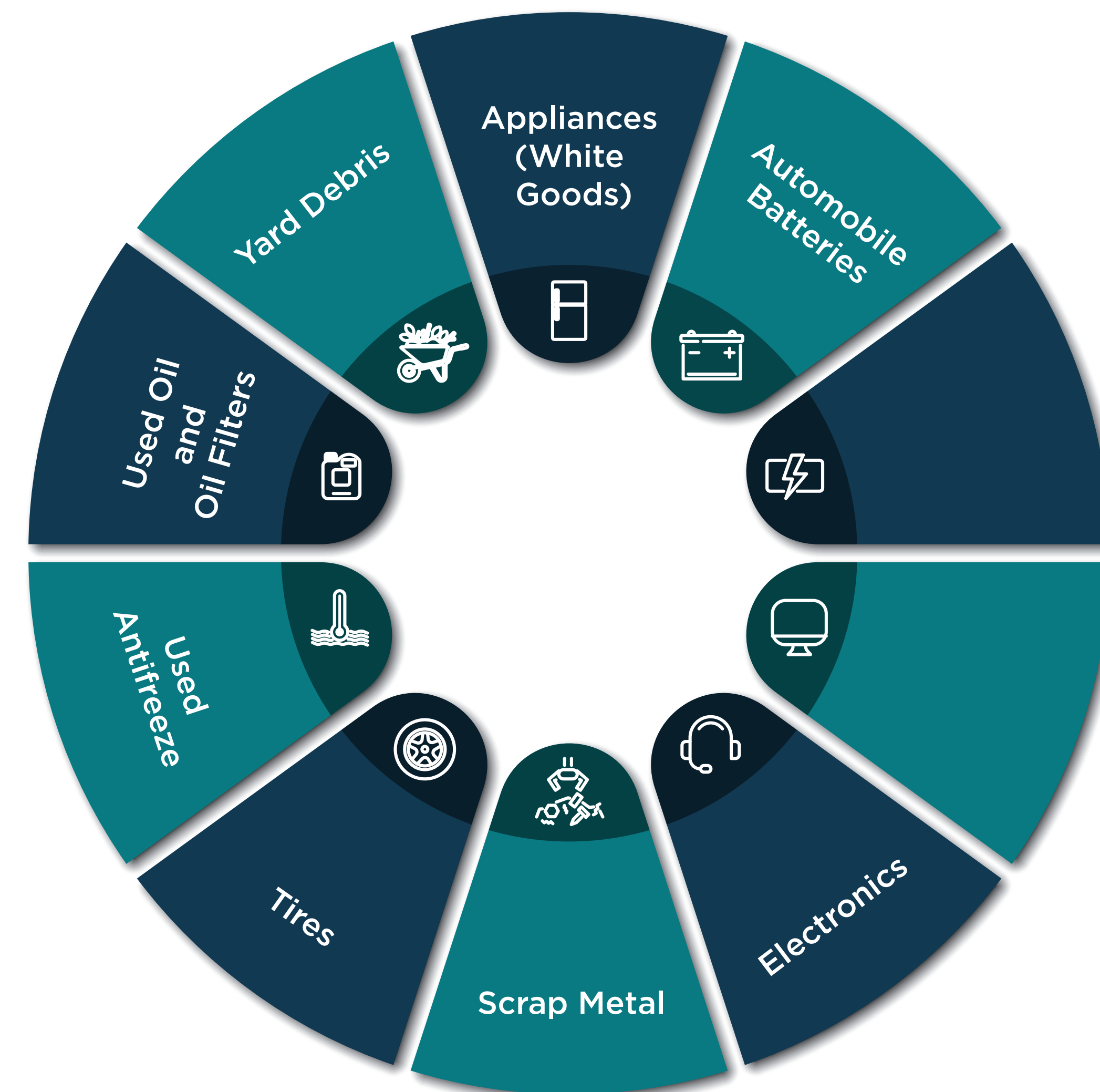
Your Gaston County
Recycling Guide



Accepted at all seven
convenience sites:



Accepted at all sites **EXCEPT**
Duke Street and Farmers Market:



Our Commitment

Community Evaluation

The permitting process includes a community evaluation review for the landfill site.

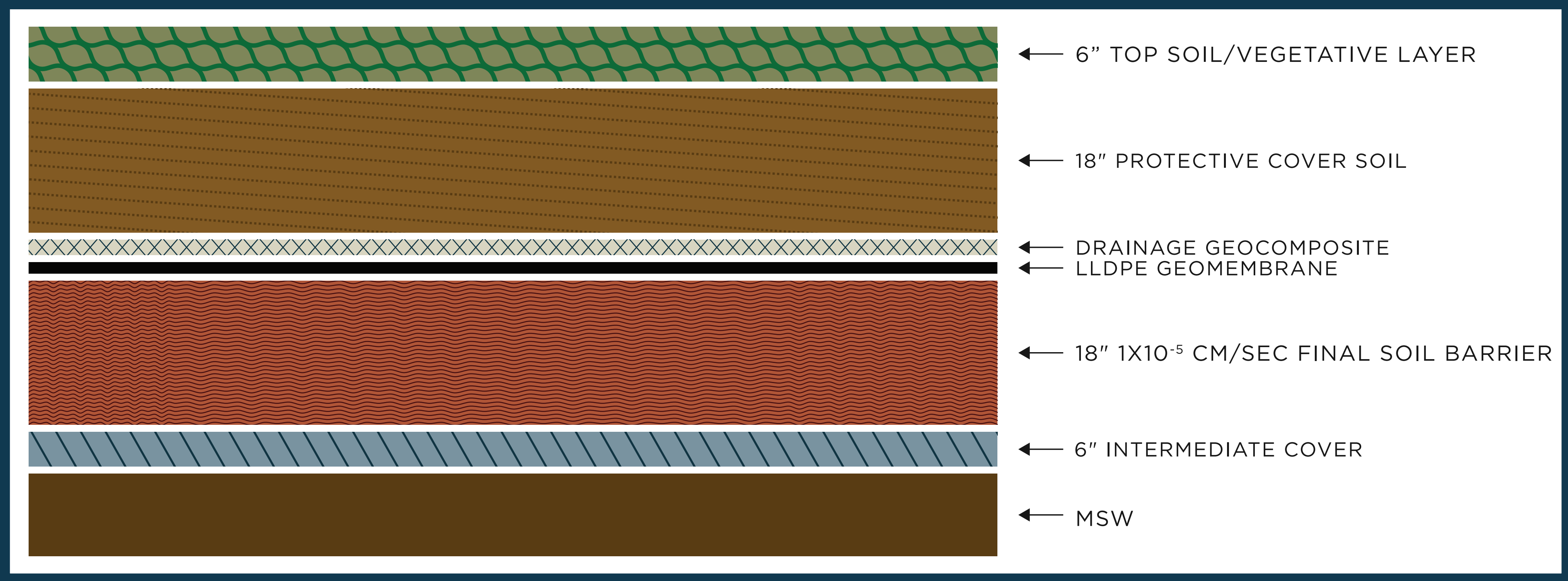
This review is designed to avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects on our community.

Community engagement is a critical component of this project and the communities directly surrounding the landfill will be key partners as we look toward the future of the Gaston County Landfill.

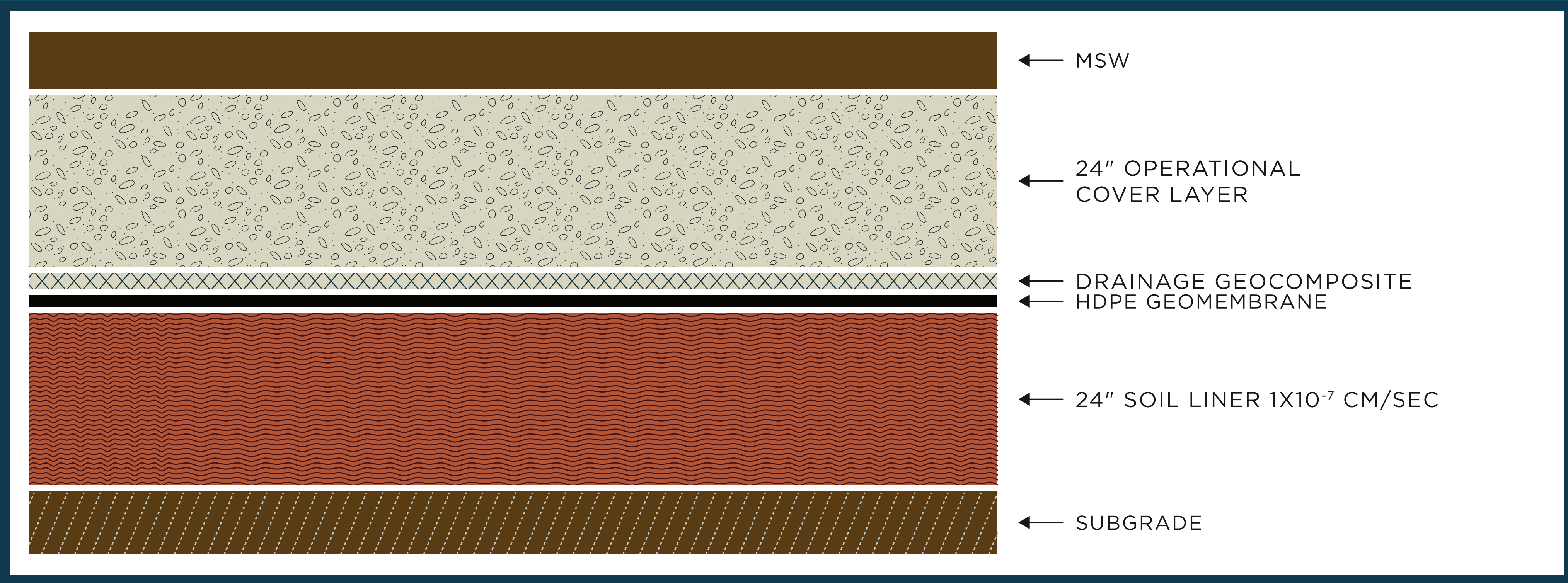


Environmental Protection

Proposed final cover system includes geomembrane barrier to restrict infiltration and improve landfill gas collection efficiency



Landfill has composite base liner system with clay and geomembrane liner

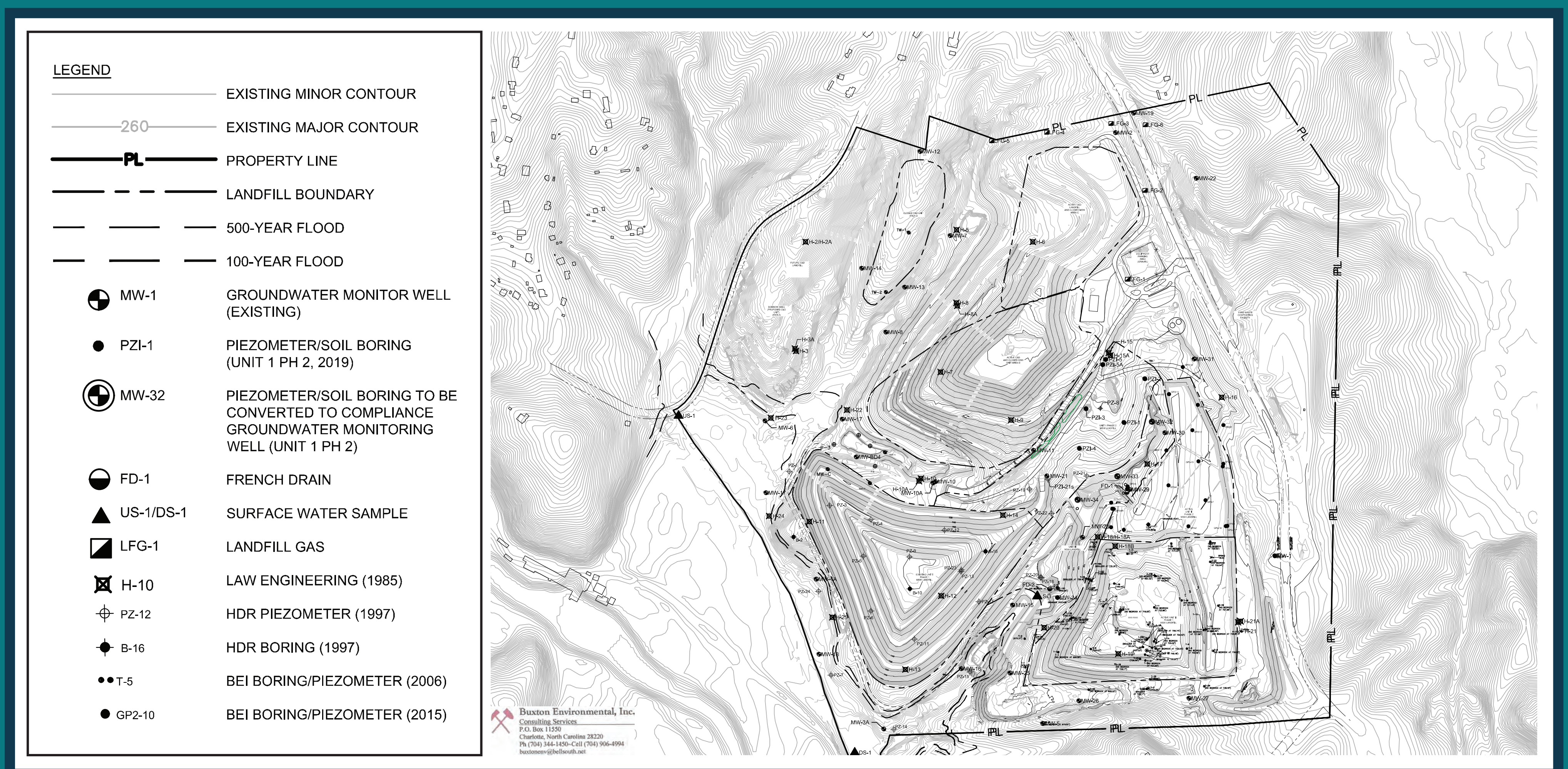


The landfill is constructed with robust Quality Control/Quality Assurance. Gaston County employees, along with meeting state regulations, employ specialized engineers and testing firms/third party experts to make sure we are minimizing impacts and designing the site the best we possibly can.

Environmental Protection

Water Quality Monitoring Plan

- ▶ Groundwater flow in the soil and bedrock is well understood.
- ▶ The landfill is currently monitored with:
 - 30+ groundwater monitoring wells
 - 16 gas monitoring probes/wells
- ▶ Additional wells and probes will be added with expansion construction.
- ▶ Groundwater samples are collected 2x a year.
- ▶ Stormwater and methane gas samples are collected 4x a year.



Provide Your Feedback

Your voice will help us build a better project.

As our valued neighbors, we are inviting you to share your feedback for how we can be a better neighbor. By understanding how our current operations impact the community, we can be more user-friendly, minimize impacts, and enhance our operations.

Contact us

Gaston County Solid Waste Department

 704-922-0267

 solidwaste@gastongov.com

Recycling Hotline

 704-922-7729

