

Item Title: Award Construction Contract for the South Wake Landfill Gas Collection System Expansion Project

Specific Action Requested:
That the Board of Commissioners:

- 1. Awards a construction contract to Advance One Development, LLC, of Charlotte, North Carolina in the amount of \$532,814 for the South Wake Landfill Gas Collection System Expansion Project; and**
- 2. Authorizes the County Manager to execute this construction contract subject to terms and conditions acceptable to the County Attorney.**

Item Summary:

Purpose: State statutes require the Board of Commissioners to approve all public bid construction projects more than \$500,000.

Background: Wake County owns and operates the South Wake Landfill. To comply with State permit requirements and best practices, Wake County developed and is implementing a plan to handle landfill gases and odors. This plan includes temporarily closing the lined areas of the landfill in phases, and the construction of collection and control systems. Currently, the objective is to further expand the Landfill Gas (LFG) collection system in Phase 2A. These improvements will increase the effectiveness of the LFG system by removing more liquids from the vertical wells and controlling fugitive-emissions/odors.

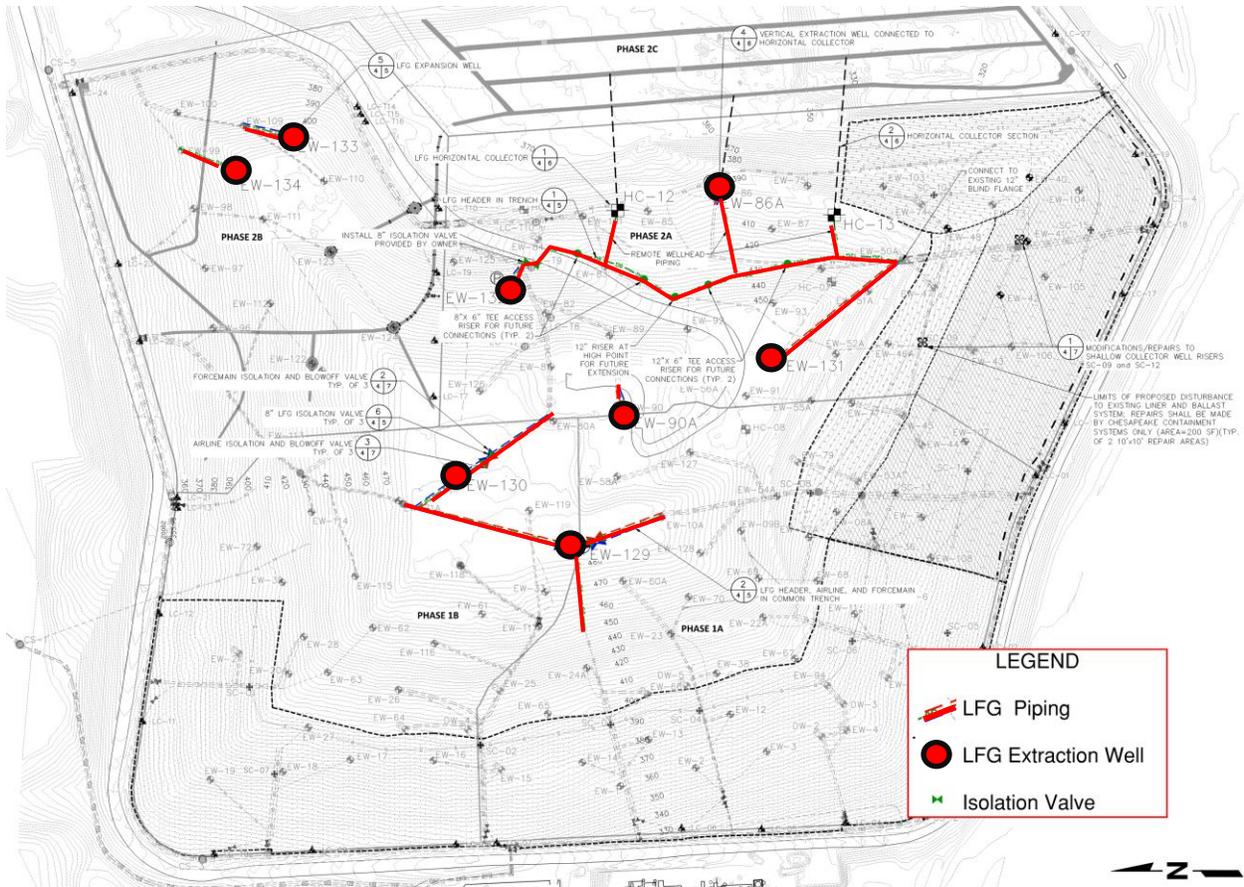
Strategic Plan: This action supports routine County business and does not relate to a specific Strategic Plan Goal.

Fiscal Impact: This project is funded in the Solid Waste Element of the Capital Improvement Plan, which is funded by the South Wake Landfill Enterprise Fund. The contract award is within the allocated budget, and no additional funds are required.

Additional Information:

The scope of work includes the drilling of 8 new vertical extraction wells, installing new wellheads, additional header and lateral piping, extension of the air and force main piping, and valves.

Locations of the new horizontal LFG collection piping and wells are shown on the map below:



On February 12, 2026, bid proposals were received from five licensed contractors. A Bid Tabulation is attached for reference. Staff recommends award of the construction contract to the lowest responsive, responsible bidder, Advance One Development, LLC. in the amount of \$532, 814.10.

There are sufficient funds available to cover the project in the South Wake Landfill Enterprise Fund. The South Wake Landfill Enterprise Fund was created for the purpose of purchases, operations, and maintenance of South Wake Landfill facilities. With award of this contract, construction is expected to begin in May 2026 and be completed by July 2026.

Attachments:

1. Bid Tab Form
2. Project Cost Summary