



**Leon County
Public Works Department
Engineering Services Division**
"People Focused. Performance Driven."

Solid Waste Landfill Closure - Phase II

Design Details

Consultant

- HDR

Progress

- 100% Plans

Cost

- \$253,990.00

Project Schedule

May 7, 2018

Community Public Meeting

June 2024

Project construction
Commencement

June 2025:
Estimated completion

Contact Information

Felton Ard, P.E.
Customer Support Engineer
2280 Miccosukee Road,
Tallahassee Florida 32308
Email: ardf@leoncountyfl.gov
Phone: 8506061515
Fax: 8506061501

Sam Ijeoma, P.E.
Project Manager
2280 Miccosukee Road,
Tallahassee Florida 32308
Email: ijeomao@leoncountyfl.gov
Phone: 8506061563
Fax: 8506061501



Project Description

In July 2015, the Board accepted the status report regarding the closure of the landfill and the development of the corresponding long-term master planning of the site for the purposes of a regional park. In this report, staff developed a tentative scope and timeline to initiate the closure of the Landfill and begin master planning the Apalachee Regional Park.

Leon County solid waste landfill project is located at a 600-acre site on 7550 Apalachee Parkway (Highway 27 South, approximately 6.5 miles east of Tallahassee).

Construction of the final closure of the County landfill Class I Cell and Class III south cell will involve re-grading the 62.7-acre site, a stormwater facility, modification of the existing active gas system, and an additional 36 passive wells.

The final closure system will be constructed (from top to bottom) as a 6inch topsoil material, 18inch protective cover soil, 300-mil geocomposite, 40-mil textured linear low-density polyethylene (LLDPE), and 12inch intermediate grading layer.

The stormwater facility management construction will involve combining and expanding the two small existing facilities. This system includes drainage swales to be constructed into the terraces of the cover system and to drain to filter point mat spillways. Terrace includes a 12inch perforated pipe toe drain system with 12inch solid HDPE herder pipes located at each spillway, and also, expanding to accommodate the state and local requirements.

Proposed Improvements



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Installation of final cover on Class I Cell and Class III South cell
Stormwater Management Facility Modifications
Modification of existing active gas
installation of 36 Passive gas well
Pavement of access road