



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

Solid Waste Landfill Closure, Phase II

Design Details

- Consultant
- Locklear & Associates
- Progress
- 90% Plans
- Cost
-

Project Schedule

- May 7, 2018
- Community Public meeting
- May 2018
- Project construction
Commencement
- April 2020:
Estimated completion

Contact Information

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Project Description

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

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

Construction of 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 existing active gas system and an addition 36 passive well.

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

Construction of the stormwater facility management 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



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spillways. Terrance include a 12" perforated pipe toe drain system with 12" solid HDPE herder pipes located at each spillway, and also, expanding to accommodate the state and local requirement.

Proposed Improvements

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