

# Bathymetric, Topographic, Construction Stake-Out, As-Built, and Conservation Easement Surveys

Waste Management, Inc.  
Okeechobee, Florida

## Services Rendered

- Pre/Post-Construction Topographic Surveys
- Construction Stake-Out Surveys
- As-Built Survey of Completed Cells
- Conservation Easement Surveys
- Wetland Delineation
- Hydrographic Surveys of Fill Borrow Pits

## Project Summary

ATM technical staff provided surveying services for the expansion of the Waste Management Okeechobee landfill. Required survey services involved in the expansion of the landfill included topographic surveys of the newly acquired land adjacent to the landfill, delineation of the wetlands to be protected, staking of existing conservation easements for protection, stake-out surveys for the contractor to ensure precise construction of new cells, as-built surveys of the newly constructed cells, topographic surveys of the fill stock piles, and hydrographic surveys of the fill borrow pits.

ATM, using Real-Time Kinematic (RTK) technology, staked out aspects of the construction plans to provide assistance to the contractor. Grade stakes were placed according to plans and elevated for proper construction.

Once completed, as-built surveys of the newly completed cells, new road construction, and closed cells were conducted. These surveys were used to verify the accuracy of construction as compared to the construction plans.

