



SFWMD C-43 Reservoir Assessment

South Florida Water Management District

Relevant Services

- Planning, Permitting and Compliance
- Contamination Assessment
- Soil Sampling
- Groundwater Sampling
- Risk Management

Challenges

- Minimizing impacts to concurrent active Everglades Restoration operations
- Expedited field activities
- Rugged terrain and sampling conditions

OVERVIEW

NovelEolutions, Inc. (NovelE) provided Prime Contracting services to the South Florida Water Management District (SFWMD) on this key project coordinating with the Florida Department of Environmental Protection (FDEP) for funding. Liza Grudin, PE served as the Engineer-of-Record for this fast-tracked site rehabilitation. Greg Aumann, Project Geologist, provided the primary field oversight for site activities and report writing. David Haney provided support for soil and groundwater sampling activities and Julia Salazar provided support for technical reporting.

Ms. Grudin led the field team on the Phase II Environmental Site Assessment activities conducted at the active grove site before the SFWMD purchased the property in the late 1990's. When asked to manage the formal closure of the discharges at the former maintenance area, she was elated to be brought back in on the project. The adjacent reservoir is a key

restoration project for SFWMD with construction of the 170,000 acre-foot Caloosahatchee River (C-43) West Basin Storage Reservoir. This structure will help store and manage basin runoff for meeting estuary needs during the dry season. Estimated for project completion in 2020, the estimated cost is \$500 million.

Site activities include installation of soil borings and monitoring wells with coordinated soil and groundwater sampling to investigate former underground storage tanks (USTs) and aboveground storage tanks (ASTs) at the old maintenance area of the grove. The historical discharges are being funded through the Low Scored Site Initiative (LSSI) program managed by FDEP and funded through the Inland Protection Trust Fund (IPTF). The site has been issued a provisional Site Rehabilitation Completion Order (SRCO) and abandonment of the onsite monitoring wells was conducted in October 2021.

