

Client

Florida Department of
Transportation (FDOT)
MBC Subconsultant to
RES

Scope of Services

Inspection Services for FDOT's
District 4 outfall structures and
stormwater facilities.

Contact

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Start Date

02/2010

Completion Date

Ongoing

Key MBC Staff

Mariell Soto, E.I.
Nicole Romer, E.I.

Key Features

Project included collection of
information related to location,
size, and type of outfall and
stormwater facility. During
inspections exact location, size,
type, and condition of outfall and
stormwater facility were recorded
and compared with information
on file. Also, reports were
prepared for DOT's files and
maintenance/repairs were
recommended when
appropriate.

Florida Department of Transportation NPDES Outfall and Stormwater Facility Inspections

Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties



Background

The Department of Environmental Protection is in charge of administering the National Pollution Discharge Elimination System (NPDES). The NPDES was established as part of the Federal Clean Water Act of 1972. The main focus of the act is to improve water quality by regulating point sources of pollution and nonpoint sources such as stormwater from construction sites and municipal separate storm sewer systems (MS4s).

In order for the Florida Department of Transportation (FDOT) to maintain compliance with the NPDES MS4 permits issued for its roadway stormwater systems and treatment facilities, the FDOT must perform regular inspections and maintenance, update its database, and provide annual reports.

RES (Resource Environmental Solutions) was selected by FDOT District 4 to provide District-wide Implementation and Maintenance of NPDES Permits.

The Project



The scope of the NPDES Phase I MS4 Permit Compliance includes the following:

- Perform outfall and stormwater facility inspections throughout Broward, Palm Beach, St. Lucie, Martin, and Indian River Counties to identify maintenance deficiencies.
- Obtain exact outfall and stormwater facility locations.
- Identify size and type of outfalls and stormwater facilities.
- Update outfall and stormwater facility inventory in GIS data base.
- Report preparation to maintain FDOT's database.

MBC continues to perform inspections throughout District 4 counties on a rotational basis to comply with the inspection cycle.