

**Client**

Florida Department of  
Transportation (FDOT)  
MBC Subconsultant to  
E Sciences, Inc.

**Scope of Services**

Inspection Services for FDOT's  
outfall structures and stormwater  
facilities throughout Broward and  
Palm Beach Counties.

**Contact**

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**Start Date**

02/2010

**Completion Date**

Ongoing

**Key MBC Staff**

Eelhard Meneses, P.E.

**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 and Palm Beach Counties, Florida



### 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 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.

E Sciences, Inc. and MBC were selected by District 4 of the FDOT to provide District-wide Implementation and Maintenance of NPDES Permits.

### The Project

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

- Perform outfall and stormwater facility inspections throughout Broward and Palm Beach 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 DOT's database

MBC and E Sciences have finished performing inspections throughout Broward and Palm Beach Counties and the final report has been delivered to the client.