



Florida Department of Environmental Protection

Bob Martinez Center
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Tallahassee, Florida 32399-2400

Rick Scott
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Lt. Governor

Jonathan P. Steverson
Secretary

Phase I Municipal Separate Storm Sewer System (MS4) NPDES Stormwater Audit Report

I. BACKGROUND INFORMATION

MS4 Permit Name: Palm Beach County
Permittee: Indian Trail Improvement District
Permit Number: FLS000018 (Cycle 3)
Annual Report Year: Year 4
Reporting Period: 10/01/2013 – 09/30/2014
Audit Date/Time: June 11, 2015 1:00 pm – 2:30 pm
Inspector(s):

Name	Title	Phone/ Email
Michelle Bull	Environmental Consultant	Michelle.Bull@dep.state.fl.us (850) 245-7561

Permittee Representative(s):

Name	Title	Phone
Alan Wertepny	Program Manager Mock-Roos	(561) 683-3113 x 231 alan.wertepny@mockroos.com
Juan Mas Sarda	Operations and Maintenance Director	(561) 436-8828 jmassarda@indiantrail.com
Henry Shaw	Stormwater Director	(561) 719-7194 hshaw@intiantrail.com
Jay G. Foy	District Engineer	(561) 242-0028 Stormwaterj@fdn.com

II. GENERAL COMMENTS

Two drainage basins covering approximately 35 square miles. The area is 99% residential with sfh 1.25+ acres lots. M-1 basin is pumped to a 720-acre impoundment, which discharges to L-8 Canal; or, more commonly gravity discharge to C-51 Canal. M-2 Basin has 11 outfalls, discharges to 120-acre impoundment (surge tank); or discharges to M-2 Canal (Seminole Improvement District) to C-51 Canal.

III. SITE VISITS

Satisfactory
 Unsatisfactory
 Not Applicable

IV. SWMP IMPLEMENTATION REVIEW

Monitoring Program

Satisfactory Unsatisfactory Not Applicable

Perform bi-monthly monitoring for O&G, Mercury, TSS, FC, Alkalinity, Chlorophyll, TN, TKN, TP, COD, TOC at L-8 Canal, 130th St. Canal, and 40th St. Canal. No water quality issues noted.

Fiscal Analysis

Satisfactory Unsatisfactory Not Applicable

Comments: Reviewed budget spreadsheet 2011-2015. Maintenance (CIP projects) and Training budget changed from Year 3 to 4. Budget is trying to track budget more accurately.

Part III.A.1: Structural Controls and Stormwater Collection Systems Operation

Satisfactory Unsatisfactory Not Applicable

Structural Control Inspections: Inlets inspected regularly, but staff haven't been recording. Only reported those with Field Observation Reports. Provided new tracking sheet, which will be used in next fiscal year. Inlets only located on paved roads. District divided into five zones, 1-2 catch basins inspected per day. In future annual reports, report all inlet inspections. Discussed tracking inlet inspections by zone.

Treatment swales: Mow and litter control daily; issues reported to maintenance.

Canals: Culvert inspection program: visual inspection of connections into canals on right-of-way; track bottom elevation of canal cross-sections. Reviewed tracking sheet. Cleaning/maintaining canal bottoms.

Part III.A.2: Areas of New Development and Significant Redevelopment

Satisfactory Unsatisfactory Not Applicable

Part III.A.3: Roadways

Satisfactory Unsatisfactory Not Applicable

Litter Control: See Part III.A.3.

Road Maintenance Yards: Maintenance Building with covered garage; monthly inspections by Kathryn Moore, operations clerk.

Part III.A.4: Flood Control Projects

Satisfactory Unsatisfactory Not Applicable

Projects without stormwater treatment: None.

**Part III.A.5: Municipal Waste Treatment, Storage, and Disposal Facilities
Not Covered by an NPDES Stormwater Permit**

Satisfactory Unsatisfactory Not Applicable

Waste Storage Facilities: None.

Part III.A.6: Pesticides, Herbicides, and Fertilizer Application

Satisfactory Unsatisfactory Not Applicable

FDACS License: Christine Kooienga does weed control in right-of-ways and canals (aquatic).

GIBMP Certification: Park application by Daryl Phillips, Timothy Wojnar (GIBMP, FDACS licenses).

**Part III.A.7.a: Illicit Discharges and Improper Disposal —
Inspections, Ordinances, and Enforcement Measures**

Satisfactory Unsatisfactory Not Applicable

**Part III.A.7.c: Illicit Discharges and Improper Disposal —
Investigation of Suspected Illicit Discharges and/or Improper Disposal**

Satisfactory Unsatisfactory Not Applicable

Proactive Inspections: Proactive inspections done at control structures (on checklist)

Enforcement: Call County Sherriff’s office; or disconnect connection.

Training: Inspectors have Operator Training. Discussed providing refresher training to field crew during safety meeting.

**Part III.A.7.d: Illicit Discharges and Improper Disposal —
Spill Prevention and Response**

Satisfactory Unsatisfactory Not Applicable

**Part III.A.7.e: Illicit Discharges and Improper Disposal —
Public Reporting**

Satisfactory Unsatisfactory Not Applicable

Public Education: See Joint report.

**Part III.A.7.f: Illicit Discharges and Improper Disposal —
Oils, Toxics, and Household Hazardous Waste Control**

Satisfactory Unsatisfactory Not Applicable

**Part III.A.7.g: Illicit Discharges and Improper Disposal —
Limitation of Sanitary Sewer Seepage**

Satisfactory Unsatisfactory Not Applicable

**Part III.A.8.a: Industrial and High-Risk Runoff —
Identification of Priorities and Procedures for Inspections**

Satisfactory Unsatisfactory Not Applicable

High risk facilities: None.

**Part III.A.8.b: Industrial and High-Risk Runoff —
Monitoring for High Risk Industries**

Satisfactory Unsatisfactory Not Applicable

**Part III.A.9.a: Construction Site Runoff —
Site Planning and Non-Structural and Structural Best Management Practices**

Satisfactory Unsatisfactory Not Applicable

Site Plan Review: Special District does not perform site plan review. Done by the County.

**Part III.A.9.b: Construction Site Runoff —
Inspection and Enforcement**

Satisfactory Unsatisfactory Not Applicable

Inspections: Perform inspections on permittee ERP O&M sites or outfalls of private sites (site inspected by County). Most private lots are less than one acre.

**Part III.A.9.c: Construction Site Runoff —
Site Operator Training**

Satisfactory Unsatisfactory Not Applicable

Training: See Part III.A.9.a.