



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

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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: Town of Palm Beach
Permit Number: FLS000018 (Cycle 3)
Annual Report Year: Year 4
Reporting Period: 10/01/2013 – 09/30/2014
Audit Date/Time: June 11, 2015 3:00 pm – 4:30 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
Martin Gauthier	Project Engineer	(561) 838-5440 MGauthier@townofpalmbeach.com
Jeff Sanon	Project Engineer	(561) 838-5440 JSanon@townofpalmbeach.com
Bill Francis	Town Engineer	(561) 838-5440 WFrancis@townofpalmbeach.com

II. GENERAL COMMENTS

The Town is an exclusive community with approximately 8300 residents. The majority of the Town is single family home lots; there is no industrial use, and light commercial use including some restaurants and hotels. The Town is older, built out, and has no potential for stormwater infrastructure upgrades.

III. SITE VISITS

☐ Satisfactory

☐ Unsatisfactory

☒ Not Applicable

IV. SWMP IMPLEMENTATION REVIEW

Fiscal Analysis

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Comments: Budget comes from tax base, lowest millage rate in the County, no stormwater utility.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Structural Control Inventory: The RAI response included an updated inventory: 31 miles of MS4 pipe.

Pollution Control Boxes: located with stormwater pump stations, which are inspected weekly. Major outfalls are also associated with pump stations.

Exfiltration trenches: inspected with inlets at least annually. Reviewed inlet inspection tracking sheets. Inspect/maintain according to zones.

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: Litter is not an issue within the Town; and there is no Town-owned right-of-way outside of the roadway. The Town has a vigorous street sweeping program, which collects large debris.

Street Sweeping: Revised street sweeping nutrient loading removal calculations were provided June 24, 2015. Sweeping is contracted, and the Town disposes of material.

Previously included catch basin cleanout in sweeping calculations.

Road Maintenance Yards: See Part III.A.5.; sweeping material stored.

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: Pinewalk Transfer Station (MSGP) located at the Breakers Golf Course. Store sweepings, yard trimmings from golf course-stored onsite, taken to landfill weekly; transfer facility, leachate control into sanitary sewer. No vehicle storage, no maintenance. Walk through inspections; inspection checklist maintained as part of DEP permit.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

FDACS License: Contract applicator; palm trees, parks.

Fertilizer Ordinance: Does not discharge into impaired waterbodies. Four private golf courses.

**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: Martin visually inspects Town weekly, including construction site inspections.

Training: Reported 0 refresher training. Previously trained, however, did not attend NPBCID refresher training during reporting year.

Required Improvements: In the future, provide and report proactive inspector refresher training.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Spills: One in current reporting year. Spills are reported to the Fire Department.

Training: Reported 0 refresher training. Fire Department staff receive extensive training.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

**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

**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: Permittee: pump stations. Private: sfh, most less than one acre; 4 over one acre.

ERP/CGP Coverage: Private construction sites were sfh, with no ERP requirements. 4 notified of CGP; confirmed during inspections.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Inspections: Private: 189 sites, 698 inspections. Documentation includes image of “correction notice.”

Enforcement: Stop work orders can be issued if needed.

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

☐ Satisfactory ☒ Unsatisfactory ☐ Not Applicable

Inspector E&SC Training: FSA and DEP S&E Control, did not receive refresher training during reporting year. Have since trained Jeff-Project Engineer.

Site Plan Reviewer Training: FSA and DEP, did not receive refresher training during reporting year. Have since trained all staff.

Site Operator Training: Contracted projects.

Required Improvements: In the future, provide and report refresher training for site plan reviewers and site inspectors; and initial training for permittee (including Town-contracted) site operators.