



Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
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 Shores
Permit Number: FLS000018 (Cycle 3)
Annual Report Year: Year 4
Reporting Period: 10/01/2013 – 09/30/2014
Audit Date/Time: June 10, 2015 1:00 pm – 2:00 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
Michael Crisafulle	Building Official	(561) 844-3457
Alan Welch	Public Works Director	(561) 844-3457 Awelch@phstownhall.org

II. GENERAL COMMENTS

The Town has approximately 350 homes. Very active residents. One community center and park.

III. SITE VISITS

☒ Satisfactory ☐ Unsatisfactory ☒ Not Applicable

IV. SWMP IMPLEMENTATION REVIEW

Fiscal Analysis

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Structural Control Inspections: Exfiltration trench at Inlet Park gazebo. Four 36" outfalls on Intracoastal Waterway and one 42 inch outfall. Inspect outfalls visually twice per year. All 6 inspected annually. Take grates off for inlet inspections. Walk above pipes for subsistence; and during rainfall events.

Other: Trying to contract with Riviera Beach to TV lines.

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: Public Works collects litter weekly (more during tourist season) through the entire town.

Street Sweeping: Have a sweeper on a tracker. Sweep perimeter streets quarterly.

Road Maintenance Yards: Public Works yard, all fleet vehicles. Change oil onsite, dispose of chemicals at Solid Waste Authority, containment area for used oil, paint etc. Have a spill kit with absorbent pads/litter.

Required Improvements: In future annual reports, include Public Works and report the number of inspections performed.

Part III.A.4: Flood Control Projects

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

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: Town Building parkway, beach and inlet park. Fertilizer and pesticides.

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: Done during structural inspections. Code Enforcement patrols area daily, and responds to complaints.

Reactive Inspections: Alan Welch and Code Enforcement.

Training: All staff watched Table Top video, online training, and NPBCID training. Code enforcement and building official participated in training.

Required Improvements: In future annual reports, report proactive inspections conducted during structural control inspections and code enforcement patrols.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Spills: Proactive inspectors respond to small spills and notify the Fire Department.

Training: Training reported includes Fire Department and Public Works staff.

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Website/Phone: Complaints reported to Town Hall.

**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

Spills: Discussed reporting 0 for activities, not N/A.

Town owns two lift stations and collection system. Pumped to Riviera Beach lift station.

Prevention: Discussed using pump meters or flow meter to check for inflow and infiltration.

**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

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

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Inspections: There is some SFH construction; the Town requires sediment and erosion control for less than one acre sites. In Year 4, reporting of 4 permittee sites was a mistake. The permittee had no active construction during the reporting year. All private sites were less than one acre, and inspected regularly. In Year 5, there is one private construction project, less than one acre. Town required filter sock on nearest storm drain.

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

☐ Satisfactory ☒ Unsatisfactory ☐ Not Applicable

Inspector E&SC Training: Michael has DEP Sediment and Erosion Control certification. Did not take refresher training.

Site Plan Reviewer Training: contracted with Simmons and White. Now have in-house engineer.

Site Operator Training: No active permittee construction.

Required Improvements: In the future, provide refresher training for site plan reviewer and inspector.