



# FLORIDA DEPARTMENT OF Environmental Protection

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

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Secretary

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

### I. BACKGROUND INFORMATION

**MS4 Permit Name:** Palm Beach County MS4  
**Permittee:** Town of Jupiter  
**Permit Number:** FLS000018 (Cycle 3)  
**Annual Report Year:** Year 6  
**Reporting Period:** 09/2015 – 09/2016  
**Audit Date/Time:** June 21, 2017

#### Inspector(s):

| Name          | Title           | Phone/ Email   |
|---------------|-----------------|--|
| Michelle Bull | MS4 Coordinator | 850-245-7561<br><a href="mailto:Michelle.Bull@dep.state.fl.us">Michelle.Bull@dep.state.fl.us</a> |

#### Permittee Representative(s):

| Name          | Title   | Phone  |
|---------------|---|--|
| David Rotar   | Utility Services Manager<br>Stormwater/Public Works   | 561-748-2705<br><a href="mailto:davidr@jupiter.fl.us">davidr@jupiter.fl.us</a>             |
| Rod Carroll   | Utility Service Supervisor<br>Stormwater/Public Works | 561-748-2713<br><a href="mailto:rodneyc@jupiter.fl.us">rodneyc@jupiter.fl.us</a>           |
| Alan Wertepny | MS4 PBC Coordinator<br>Mock, Roos & Associates, Inc.  | 561-683-3113<br><a href="mailto:Alan.wertepny@mockroos.com">Alan.wertepny@mockroos.com</a> |

### II. GENERAL COMMENTS

The Town is approximately 23 sq miles with a population of approximately 75,000. The Town's MS4 program is converting to paperless and have changed some processes. Staff have iPads that link to GIS maps. Town staff internally surveyed all stormwater systems, including county, FDOT and private structures; staff have also surveyed other utilities and roads.

### III. SITE VISITS

Satisfactory                       Unsatisfactory                       Not Applicable

### IV. SWMP IMPLEMENTATION REVIEW

#### Monitoring Program

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

### Fiscal Analysis

Not reviewed during audit.

### TMDL Prioritization

Satisfactory                       Unsatisfactory                       Not Applicable

#### TMDL Prioritization Plan:

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

Satisfactory                       Unsatisfactory                       Not Applicable

#### Major Outfall Inventory: 34

**Structural Control Inventory:** While the Town has mapped all structures and inspect private and other public structures, they only report Town-owned structures.

**Structural Control Inspections:** The Town schedules preventative maintenance for exfiltration trenches and ponds annually and pollution control boxes quarterly. Previously used a paper inspection sheet. Reviewed summary of inspections. Staff schedules structure cleaning based on zones. If a problem found during an inspection, field staff create a work order. Reviewed monthly report with comments for maintenance needed.

To reduce their Community Rating System (CRS) score, the Town inspects the conveyance system annually (pipes, catch basins, swales) in certain areas of the Town. The town also inspects private systems and report issues to the system owner. The Town inspects private systems as part of their stormwater fees and has an ordinance that gives the Town a right to repair and charge the responsible authority.

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

Satisfactory                       Unsatisfactory                       Not Applicable

The Town provides grants and incentives to commercial areas to improve stormwater systems.

### Part III.A.3: Roadways

Satisfactory                       Unsatisfactory                       Not Applicable

**Litter Control:** Keep records of staff that confirm contractor work which does mowing and weed control. Done with mowing.

**Street Sweeping:** Contractor with GIS sweep all curb-roads 4/year. Increase sweeping frequency to weekly based on leaf-fall seasons. Road inventory will increase when absorb HOA roads. heavy equip, fleet vehicle maintenance, fueling.

**Road Maintenance Yards:** Chuck inspects monthly. Reviewed inspection checklist.

### Part III.A.4: Flood Control Projects

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

### 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:** N/A. Residential waste collection is contracted out.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**FDACS License:** Future Horizons does aquatic weed maintenance. Reviewed applicator licenses for pesticides and fertilizer for mowing and aquatic weed maintenance.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

**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:** Reporting inlet inspections, all inspectors are trained annually.

**Reactive Inspections:** 0

**Training:** The Town trains all field staff for illicit discharge, including utility, public works and parks staff, and engineers and inspectors.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Public Education:** Sent a hurricane brochure to residents that includes information on illegal dumping and a phone number for reporting.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit. Most of Town is on sanitary sewer owned by Loxahatchee River District.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**High risk facilities:** Power Systems Manufacturing. 1440 West Indian Town Road. Everything is done indoors. Discussed researching why the facility is on the toxic risk inventory (TRI) list, and design capacity of the pond to determine if it is “High Risk”. The facility is covered under DEP’s Multi-Sector Generic Permit number FLR05H779.

**Inspections:** Haven’t been able to inspect inside facility. Inspected stormwater pond.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Monitoring:** See above.

**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:** Projects are reviewed by Planning and Zoning and applicants are notified of pollution prevention plan (PPP) requirements at that time, before an official application. Reviewed site plan review checklist which included admin fee, SFWMD, NPDES, PPP, impervious area, potential downstream impacts, etc.

**ERP/CGP Coverage:** Confirmed during site plan review. Required to send a copy to the Town.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspections:** PPP inspections are performed by Carol Haber. There were 12 active private sites (four less than one acre). Reviewed monthly form with weekly inspections. Inspections are now tracked on Lucity (iPad asset management software). If PPP are required, inspections are performed. Lucity tracks the number of inspections and details. Reviewed the inspection checklist which included whether the permit and SWPPP were onsite and checking for erosion control, sediment control, turbidity, dewatering, inlets, chemical storage, etc.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspector E&SC Training:** Reviewed inspection checklist for new staff that attended the Erosion and Sediment Control training by Cheryl Moore of Florida Stormwater Association. As part of the MS4 interlocal agreement, Mock-Roos provides internal training for all permittees.

**Site Plan Reviewer Training:** Attend internal training events.