



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 Juno Beach
Permit Number: FLS000018 (Cycle 3)
Annual Report Year: Year 4
Reporting Period: 10/01/2013 – 09/30/2014
Audit Date/Time: June 9, 2015 8:30 am – 9:45 am

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
Anthony Meriano	Director of Public Works	(561) 656-0310 ameriano@juno-beach.fl.us
Tad Rowe	Simmons & White Consulting Engineer	(561) 478-7848 tad@simmonsandwhite.com

II. GENERAL COMMENTS

Juno Beach is mostly residential, covering two square miles, of which 50% is an environmentally sensitive area with no development. There is one private golf course, and one small City park, Kagan Park. A large stormwater pond (with aerator and fountains) discharges through a detention area to Seminole Golf Course, which is pumped. The area drains quickly due to sandy soil. Most condominiums within the Town have private stormwater systems.

Roads include US 1 and A1A (Ocean Drive is owned by FDOT and maintained by Palm Beach County). The Town is responsible for some local roads. Loxahatchee River District and Sea Coast Authority maintains the sanitary sewer system.

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: Discharge points from stormwater pond to golf course and the Intracoastal Waterway.

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: Performed by DPW-Department of Public Works

Pick Up Events: Loggerhead Marine Center does regular clean ups.

Street Sweeping: Contracted

Road Maintenance Yards: DPW fueling station, covered storage and maintenance on 12 equipment. City shooting range with small detention area (no discharge). County stock piles road material at yard.

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: Contracted applicator with FDACS licenses: Terracon Environmental: landscape maintenance with pesticides and herbicides; Aquagenix maintains the sw pond (Pelican Lake) aquatic weed spraying; Beach Environmental Services pesticide application at Town Hall.

GIBMP Certification: Three Town staff have GIBMP certificates and apply fertilizer sparingly on medians at US 1.

**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: Performed by DPW in conjunction with structural maintenance; and Code Enforcement staff.

Training: DPW and Code Enforcement.

**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

Website/Phone: Complaint contact information for DPW.

Public Education: Quarterly Town newsletter “On the Waterfront” includes water quality or stormwater topics. Includes reporting information. Contact information also provided on brochures.

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

Satisfactory Unsatisfactory Not Applicable

Public Education: See above for public education.

**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: Reported DPW facility, which is reported in Part III.A.3. May remove from inventory in future annual reports.

**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

ERP/CGP Coverage: Reported 0 active construction sites, which was a mistake in reporting. Two sites were notified; however, construction had not begun during reporting period, so no confirmation was needed. Updated application approval letter to include notification of CGP requirements. Most construction is single family homes that are less than one acre.

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

Satisfactory Unsatisfactory Not Applicable

Inspections: Private: The Preserve, Bay Colony and Ocean Breeze condominiums, Loggerhead Marine Center (parking lot expansion). See Part III.A.9.c.
Permittee: swale re-grading project less than one acre.

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

Satisfactory Unsatisfactory Not Applicable

Reported 0 site plan reviewer and site operator training, however, this was a mistake in reporting.

Inspector E&SC Training: 5 staff trained

Site Plan Reviewer Training: Tad did not attend NPBCID refresher training.

Site Operator Training: Performed during site plan review process.

Required Improvements: In the future, provide annual refresher training for site plan reviewers.