



# FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis  
Governor

Jeanette Nuñez  
Lt. Governor

Noah Valenstein  
Secretary

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

### I. BACKGROUND INFORMATION

**MS4 Permit Name:** Palm Beach County MS4  
**Permittee:** City of Belle Glade  
**Permit Number:** FLS000018 (Cycle 3)  
**Annual Report Year:** Year 6  
**Reporting Period:** 09/2015 – 09/2016  
**Audit Date/Time:** June 19, 2017 9:15 am – 12:00 pm

#### Inspector(s):

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

#### Permittee Representative(s):

Name	Title	Phone
Vince Akhimle	Public Services Director	561-996-0100
Johnny Gooden	Assistant Public Works Director	561-996-0100 <a href="mailto:JGooden@belleglade-fl.com">JGooden@belleglade-fl.com</a>
Karen Brandon	AECOM, Sr. Project Mgr.	561-684-3375 <a href="mailto:Karen.Brandon@aecom.com">Karen.Brandon@aecom.com</a>
Lucinda Hood	Facility Manager	561-996-0100
Anne Capelli	Mock-Roos, Project Mgr.	561-683-3113 <a href="mailto:Anne.Capelli@mockroos.com">Anne.Capelli@mockroos.com</a>

### II. GENERAL COMMENTS

MS4 discharges to South Florida Conservancy District (agricultural canals) and to the Hillsborough Canal (SFWMD).

### III. SITE VISITS

Satisfactory                       Unsatisfactory                       Not Applicable

**Site Type:** Maintenance Yard

**Site Name and Location:** Belle Glade Municipal Complex, 110 Dr. Martin Luther King, Jr. Blvd.

**Applicable Permit Provision(s):** Part III.A.3

**Observations:** Storage of street sweeper, vac truck, mowing tractors, heavy equipment, garbage trucks (dump at Solid Waste facility daily) and four rear loaders. Bulk cold-patch is stored outside and uncovered on a concrete area. Indoor activities include oil changes and vehicle maintenance. There is a

wash area for washing motor parts with an oil/water separator that drains to sewage. The car wash rack is covered and bermed and drains to sewage. It is used to wash vehicles and rinse back of dump trucks daily. Reviewed monthly inspection report; had illicit discharge checkbox. No fueling station. Significant amounts of muck and debris were noted along the property-line ditch, and a culvert was impacted.

Due to the waste vehicle storage and maintenance, the facility may need coverage under the DEP Multi-Sector Generic Permit (MSGP), or industrial stormwater permit.

Images: Belle Glade Municipal Complex, June 19, 2017



**Required Improvements:**

- Within 30 days of the audit report, contact the NPDES Stormwater Notice Center to determine if MSGP coverage is needed for the Public Services Compound, specifically under Sector P – Land Transportation, SIC Code 4212. Submit DEP’s determination of need for MSGP coverage for this activity/facility.
- Sweep the yard regularly, clean trash around inlet and around the edges of property. May need to excavate swale and vac culvert on side of property. Within 30 days of the audit report, send images of the maintained yard and swale.

IV. SWMP IMPLEMENTATION REVIEW

**Monitoring Program**

Satisfactory                       Unsatisfactory                       Not Applicable

**Summary:** Not reviewed during audit. Joint Monitoring program.

**Fiscal Analysis**

**Comments:** Not reviewed during audit.

**TMDL Prioritization**

Satisfactory                       Unsatisfactory                       Not Applicable

N/A

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Major Outfall Inventory:** Map reviewed shows watershed of major outfalls (6). Belle Glade Business park has a swale, dry detention, wet detention then a water control structure that discharges to Conservancy canal. Discussed the need to re-evaluate industrial area, may be considered a major based on

2 acres of industrial. See Section 62-624.200(9), F.A.C. Inventory may change in Year 1. The Business Park gets mowed weekly, and inspected at that time.

Discussed updating monthly major outfall report to refer to weekly report. Lu takes staff's weekly reports and fills out a summary of weekly activities, then does a monthly summary.

**Structural Control Inventory:** Discussed that treatment swales and conveyance swales reported are the same. Discussed reporting only as conveyance swales only. No ditches.

**Structural Control Inspections:** Lucinda. Submit weekly report, for weekly mowing. Building and Grounds-does mowing, checks pipes during mowing. Reviewed weekly/daily records which include storm drain cleaning. Reviewed before/after picture of cleaned storm drain.

Reviewed mowing/debris cleanup list and swale inspection checklist.

Catch Basins: inspected monthly – schedule maintenance based on inspections. Discussed the need to clean drains before settled debris reaches pipe height (some catch basin bottom may be at pipe level).

Maintenance reported on weekly/daily report.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

#### Part III.A.3: Roadways

Satisfactory                       Unsatisfactory                       Not Applicable

**Litter Control:** Weekly before mowing.

**Pick Up Events:** Year 1: Stop the Violence, Clean the City (NFL project). PB Sherriff Office and Christ Fellowship, Great American Cleanup, local sorority.

PB Sherriff Office on 2/27/2017. Hauling ticket may have included more than clean up. Clean up usually picks up bulk items needing equipment. Also used as an amnesty day.

**Street Sweeping:** One City-owned sweeper, one driver, works 4 days a week. Reviewed sweeper report. Keeps mileage when starts and stops sweeping. Discussed using a trip meter to get more accurate sweeping mileage. Reviewed sweeping reports. Sweeps most roads daily, sweeps some weekly. Picks up more litter than sand. Dumps truck at Solid Waste Authority transfer station daily.

**Road Maintenance Yards:** See Section III of this report, above.

#### 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. All trash and debris taken to private transfer station daily. See Part III.A.3

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

**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:** tracked with mowing/structural inspections. 52 inspections were weekly mowing inspection.

**Reactive Inspections:** Code Enforcement.

**Enforcement:** Report to Code Enforcement.

**Training:** previously trained mowing staff on Excal ID video.

**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:** Marquee at City Hall for ID calls. Mock-Roos: PSAs on TV on Comcast, covers entire County, Exfinity website, directs to Stormwater and Me website and MS4 contact list.

No PIO on staff, makes it hard to do education. Suggest contacting Mock-Roos to do door hangers to reach non-Comcast residents. Discuss doing one in Spanish. Also discussed updating Code Enforcement hangers to include ID topics.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Solid Waste department:** The City provides trash and bulk pick up to residents weekly. The City has a problem with large items being dumped into canals. City staff require violators to pick up if caught. Many residents are here for seasonal work, lot of transient, non-English speaking residents.

**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

**Spills:** County took over operation of WWTP and sanitary collection system.

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

Satisfactory                       Unsatisfactory                       Not Applicable

Not reviewed during audit.

**High risk facilities:** Mostly handled by Code Enforcement. AMEC reviewed TRI list. Most don't discharge into MS4.

**Inspections:** 2 by Code Enforcements. Reported to AMEC via email.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Monitoring:** N/A

**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:** First Bank project was less than .25 acres.

**ERP/CGP Coverage:** N/A

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspections:** Done by Code Enforcement. None required in Year 6.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspector E&SC Training:** Ralph Butts (Code Compliance) has Inspector Training in 2012. Needs annual refresher training.

**Site Plan Reviewer Training:** Planning Group does site plan reviews. Craig Smith does site plan review.

**Required Improvements:** In future reporting periods, provide refresher training for inspector and site plan reviewer. Discussed checking out Excal video from Mock-Roos.