



# FLORIDA DEPARTMENT OF Environmental Protection

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## 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 South Bay  
**Permit Number:** FLS000018 (Cycle 3)  
**Annual Report Year:** Year 6  
**Reporting Period:** 09/2015 – 09/2016  
**Audit Date/Time:** June 19, 2017 1:15 pm – 3:00 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
Ed Kerr	Public Works Director	561-996-6751 <a href="mailto:kerre@southbaycity.com">kerre@southbaycity.com</a>
Anne Capelli	MS4 Coordinator, Mock-Roos	561-683-3113 <a href="mailto:anne.capelli@mockroos.com">anne.capelli@mockroos.com</a>

### II. GENERAL COMMENTS

None.

### 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

Not reviewed during audit.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Major Outfall Inventory:** The City's inventory was recently updated; previously reporting discharges to Conservancy canals and now only reporting two major outfalls to North New River Canal.

**Structural Control Inventory:** Discussed updating report for a retention pond owned by South Bay Correctional Institute, which is not currently reported on. Reports since the audit have been updated.

**Structural Control Inspections:** Cleaning pump station of Conservancy. Reviewed inspection reports (for pumps as outfalls), and reports for outfalls to conservancy.

**Catch basins:** Reviewed inspection report for catch basin cleaning-skimming trash out of top. Discussed checking sediment depth in catch basin. Litter control staff also clean trash from grates daily.

### 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:** One staff person collects litter daily throughout the City. Trash is disposed of in dumpsters at the City park or City Hall. Waste Management empties dumpsters regularly. Staff mow weekly and collect litter as needed.

**Pick Up Events:** Great American Cleanup: April 23, 2016. Volunteers (69) collected litter along roads throughout whole City; 400 pounds of trash, 50 pounds of recycling. International Coastal Cleanup: City partners with the Solid Waste Authority. Reviewed a photo of participants.

**Street Sweeping:** The City does not own any curb and gutter roads. State and county roads within the City are not maintained by the City.

**Road Maintenance Yards:** Maintenance Shop is used to store vehicles, mowers, paint storage, and for vehicle maintenance. Reviewed the inspection checklist which includes stormwater elements and a daily inventory check.

### 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:** None. Waste Management collects residential trash. Reported same facility that is reported in Part III.A.3.

**Recommendation:** Only report facilities where street sweeping material and/or yard waste are temporarily stockpiled or where solid waste collection vehicles are parked and/or maintained.

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

Satisfactory                       Unsatisfactory                       Not Applicable

No chemical application.

**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:** Done during daily inspections of storm drains. Reviewed photos of an illicit discharge on a City easement found by Code Enforcement. Discussed updating the structural control inspection checklist to include illicit discharge elements and reporting the total number of inspections.

**Reactive Inspections:** 0. Residents call Ed Kerr. Discussed educating the public on ID. Mock-Roos printed door hangers.

**Training:** By Mock-Roos: Code Enforcement, Field Staff, Ed. Some staff attend FSA Level 1 Stormwater Operator course.

**Required Improvements:**

- Within 30 days of the audit report, update structural control inspection checklists to include illicit discharge elements.
- In future annual reports, report the number of proactive inspections performed during structural control inspections.

**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:** Rely on education performed through interlocal agreement. Discussed educating the public on illicit discharges.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Solid Waste department:** Waste Management collects and disposes of residential trash.

**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

Palm Beach County owns and operates the sanitary collection system.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**High risk facilities:** No facilities.

**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:** The Contracted City Engineer (Cap Engineering) performs sited plan reviews. Applications are also reviewed by the County.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspections:** Performed by Ed Kerr or the contracted engineer. Reviewed inspection checklist for MLK Road construction to install County water line.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspector E&SC Training:** Ed Kerr has DEP Erosion and Sediment Control Certification and participates in Mock-Roos annual training.

**Site Plan Reviewer Training:** Contracted staff.