



# 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  
**Permittee:** City of Palm Beach Gardens  
**Permit Number:** FLS000018 (Cycle 3)  
**Annual Report Year:** Year 4  
**Reporting Period:** 10/01/2013 – 09/30/2014  
**Audit Date/Time:** June 8, 2015 3:00 pm – 4:00 pm

#### Inspector(s):

Name	Title	Phone/ Email
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#### Permittee Representative(s):

Name	Title	Phone
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Kathy Gilbert	Civil Engineer	(561) 799-4292 <a href="mailto:kgilbert@pbgfl.com">kgilbert@pbgfl.com</a>
Louis Johnson	Streets/Stormwater Operations Manager	(561) 804-7048 <a href="mailto:ljohnson@pbgfl.com">ljohnson@pbgfl.com</a>
Shon Broedell	Fire Rescue Division Chief	(561) 799-4326 <a href="mailto:sbroedell@pbgfl.com">sbroedell@pbgfl.com</a>

### II. GENERAL COMMENTS

Multiple departments within the City meet regularly, including Fire Rescue, Code Enforcement, Public Works, and the Engineering Department. This Cooperation is an asset to the MS4 program.

### 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 Inventory:** Contracted Randy Wertepny to inventory the stormwater system, including an evaluation of structures.

**Structural Control Inspections:** Rich performs stormwater inspections, and looks for illicit discharge. Code Enforcement being trained on evidence of ID.

**Pollution Control Box** Associated with car wash at the maintenance yard. Public Works inspects monthly, and it is pumped out as needed, about twice a year. Reviewed January 2012 inspection report. A revised annual report was provided after the audit.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Part III.A.3: Roadways**

Satisfactory                       Unsatisfactory                       Not Applicable

**Street Sweeping:** Material stored in sweeper, taken straight to landfill. Use tickets to track amount.

**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:** Maintenance yard is inspected monthly. Reviewed inspection checklist.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**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:** Kathy and Rich perform proactive inspections of businesses, including dumpsters and storm drains. Reviewed checklists. Focusing on gas stations with car washes and pool chemical companies. Also see Part III.A.1

**Reactive Inspections:** Code Enforcement

**Enforcement:** Code Enforcement

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Spills:** All FD employees are trained to respond to minor operations. HAZMAT and ERG staff respond to larger spills, which are also reported to the State Watch Office. Response includes diking and controls to prevent spills from reaching the stormwater system. FDOT SERV also has all diking material.

Contaminated materials are disposed of by Palm Beach County or a contracted HAZMAT company.

Maintenance yard has socks to protect storm drains from potential spills.

**Training:** All Fire Department employees are trained annually 6 hours HAZMAT. Shon tracks training on LMS Target Solutions.

Thirteen City employees attended the NPBCID annual training, sign in sheet provided. Also using illicit discharge videos (in English and Spanish), PSAs (30 seconds, 5 minutes, 15 minutes) for employee training. The 30 second PSA is also broadcasted on cable, and linked on the City website for public and employee access.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**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

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

Satisfactory                       Unsatisfactory                       Not Applicable

**High risk facilities:** Two new sites were added based on Code Enforcement inspections. A revised annual report was submitted after the audit listing 19 facilities. Discussed re-evaluating the HRF list based on TRI list and experience with business within the City. If facilities determined not high risk, they will be removed from the list.

**Inspections:** All facilities are inspected annually.

**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

**Site Plan Review:** Done by Engineering Department, Kathy.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspections:** Golf Course - updates complete as of audit. More construction planned.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspector E&SC Training:** Rich-Engineering inspector does preconstruction meeting with site operators and inspections. Has taken DEP S&E Control, and refresher training.

**Site Plan Reviewer Training:** Kathy has DEP S&E Control and refresher training.

**Site Operator Training:** One construction site during reporting period, golf course. Rich-Engineering inspector does preconstruction meeting with site operators, including a signature for confirmation of SWPPP requirements. A revised annual report was submitted after the audit documenting operator training, and included the preconstruction meeting form, conditions of approval, and golf course CGP.