



# Florida Department of Environmental Protection

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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  
**Permittee:** Town of Glen Ridge  
**Permit Number:** FLS000018 (Cycle 3)  
**Annual Report Year:** Year 4  
**Reporting Period:** 10/01/2013 – 09/30/2014  
**Audit Date/Time:** June 8, 2015 11:00 am – 12:00 pm

#### Inspector(s):

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

Name	Title	Phone
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Michelle Suiter	Glen Ridge Town Manager	(561) 644-9293 <a href="mailto:glenridgetownof@bellsouth.net">glenridgetownof@bellsouth.net</a>
Michael Jawdy	Glen Ridge Council Person	(561) 644-9293 <a href="mailto:Mjawdy@yahoo.com">Mjawdy@yahoo.com</a>

### II. GENERAL COMMENTS

Glen Ridge is a new permittee with a population of about 300, 100 acres, and 1.5 lane miles. The Town borders the C-51 Canal (largest canal in the County, and drains from Lake Okeechobee) and the Stub Canal (at I-95). Structures include inlets, a stormwater pond referred to as Duck Pond, an emergency discharge weir to the C-51 Canal, and a connection to Gem Lake, which is owned by residents. Most of the stormwater system is new.

Project "Chain of Lakes", is an inter-lake connection project started in November 2011 (2 years) funded by the County. The project included dredging of Cloud Lake, Gem Lake and Duck Pond; connecting Gem Lake to Duck Pond and expanding pipes between the lakes. The pond, Gem Lake and Cloud Lake are gravity feed, and discharge via pump at Stub Canal or the emergency manual weir to the C-51 Canal. The Town installed an aeration system to Gem Lake, which reduces maintenance needs.

All SOPs are maintained binder which includes safety logs for Town areas that are inspected monthly.

III. SITE VISITS

Satisfactory                       Unsatisfactory                       Not Applicable

IV. SWMP IMPLEMENTATION REVIEW

**Fiscal Analysis**

Satisfactory                       Unsatisfactory                       Not Applicable

**Comments:** Expenditures include part of the Town Manager’s salary. Annual budget of \$5000 for any maintenance needs, and a reserve if needed.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Structural Control Inspections:** The Town Manager is also the MS4 coordinator, and inspects streets and pond weekly. The weir at Duck Pond is exercised monthly. The Town maintains an emergency contact list and council members are trained to use emergency discharge weir and have access to the Stub Canal pump. The pump can drain all 3 lakes in 5 hours.

**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:** The Town has an ordinance for residents to maintain (litter control) 5 ft easement. Yards are well maintained.

**Street Sweeping:** No curb and gutter.

**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

**Fertilizer Ordinance:** The Town has a fertilizer ordinance. Education regarding the fertilizer ordinance was performed to lake front residents. Most lawns have grass species that do not need fertilizer. Other residents have licensed landscapers that apply fertilizer.

**GIBMP Certification:** Town Manager has GIBMP certification and FDACS fertilizer application license; however, no fertilizer is applied by the Town.

**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:** Proactive inspections are performed by the Town Manager. There are some commercial office buildings within the Town; however, they are served by a private stormwater treatment system that is inspected annually.

**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:** The Town does not operate a website. Regular mailings include contact information.

**Public Education:** The Town maintains a list of contact information for approximately 80% of residents. Brochures on various stormwater topics are emailed regularly.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Waste Control:** Property owners use Waste Management for trash disposal.

**Public Education:** Hazardous waste events are performed by Palm Beach County Solid Waste Authority. Notifications of events are sent to residents via email.

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

Satisfactory                       Unsatisfactory                       Not Applicable

All residential areas on septic. The Town may install sewer system in the future.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**High risk facilities:** None.

**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 Town Manager performs site plan reviews.

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

Satisfactory                       Unsatisfactory                       Not Applicable

**Inspections:** The Town manager performs site inspections. School construction inspected during reporting year; SOP includes a construction inspection checklist.

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

Satisfactory                       Unsatisfactory                       Not Applicable

The Town Manager and building inspector have DEP sediment and erosion control certification. The Town is researching a new contract for a project manager and engineer.