



FLORIDA DEPARTMENT OF Environmental Protection

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

Rick Scott
Governor
Carlos Lopez-Canera
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
Permittee: Village of Palm Springs
Permit Number: FLS000018 (Cycle 4)
Annual Report Year: Year 1
Reporting Period: 10/01/2016 – 09/30/2017
Audit Date/Time: June 7, 2018 7:45 am – 12:00 pm

Inspector(s):

Name	Title	Phone/ Email
Michelle Bull	Environmental Consultant	850-245-7561 Michelle.Bull@dep.state.fl.us

Permittee Representative(s):

Name	Title	Phone
Angie Thul	Stormwater Program Coordinator	561-434-5122 athul@vpsfl.org
Chad Girard	Assistant Public Service Director	561-641-3440 cgirard@vpsfl.org
Alan Wertepny	Mock-Roos	561-683-3113 x 231 alan.wertepny@mockroos.com

II. GENERAL COMMENTS

Angie was very knowledgeable about the Village’s stormwater system and activities. Her recordkeeping is very thorough, which helped the audit go very smoothly.

III. SITE VISITS

- Satisfactory Unsatisfactory Not Applicable

Site Type: Construction Site

Site Name and Location: Chase Bank, 2601 10th Avenue North

Applicable Permit Provision(s): Part III.A.9.b

Observations: Inspected Chase Bank construction site. Reviewed ERP 10-2 Self Certification and onsite SWPPP. Site was less than one acre. Gravel entrance was well maintained and there was no offsite sediment. Existing and new catch basins were protected by filter fabric. Perimeter controls were in place

and in good condition. The site was very clean and organized. No sediment or trash was seen leaving the site. Angie inspected the site weekly, and did not note any violations.

Site Type: Maintenance Shop

Site Name and Location: Village of Palm Springs Water Plant

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

Observations: Fleet maintenance and storage onsite. Parking lot was clean, no catch basins noted. Site drained to a low-lying area at back of property. Noted some erosion and trash in low area. Used oil and filters were stored under cover, but did not have secondary containment. Paint was stored indoors and in secondary containment. Equipment was stored under cover.

Image 1: Used Oil Storage



Image 2: Low Lying Area



Required Improvements:

Provide secondary containment for used oil storage. **Within 30 days of the audit report**, provide images of waste storage in secondary containment.

Remove trash/debris from drainage/low area, and install erosion controls to prevent erosion of the parking lot and sediments. **Within 30 days of the audit**, provide images of drainage area.

IV. SWMP IMPLEMENTATION REVIEW

Monitoring Program

Satisfactory

Unsatisfactory

Not Applicable

Assessment Plan: Not approved.

Required Improvement: **Within 30 days of the audit report**, submit a plan that contains a revised map with, City boundaries and joint monitoring location; and a description of how water quality/loading data will be used to identify portions of the MS4 which can be targeted for loading reduction /corrective action with additional pollutant reduction measures.

Fiscal Analysis

Comments: Expenditures matched budget. Next year has increased.

TMDL Prioritization

Satisfactory Unsatisfactory Not Applicable

TMDL Prioritization Plan: Did not discharge to a TMDL WBID at the time of permit issuance.

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

Satisfactory Unsatisfactory Not Applicable

Major Outfall Inventory: Inventory changed from 23 to 14. The Village was previously counting discharges to private lakes as major outfalls, which are not discharges to waters of the state. Updated inventory to only report major outfalls to Lake Worth Drainage district. Some of those outfalls to private lakes are submerged.

Structural Control Inventory:

The Village performs most of its own maintenance. Outsource landscaping. Planning to contract out ditch maintenance. Recently started using Munis software to track work orders. Reviewed invoice for Vincent and Sons Landscaping, which includes litter control before mowing. Also maintain Congress Avenue ROW (owned by FDOT).

Structural Control Inspections:

Dry Retention: reviewed SOP, inspected wet and dry seasons. Reviewed inspection reports, and follow-up Munis work order to remove sediment at inlet pipe.

Wet Detention: Reporting private lakes (stormwater Systems) surrounded by private homes. Only inspecting MS4 outfalls into system every other year, due to boat access required. In future, do not report wet detention, as they are private systems not maintained by the Village.

Treatment Swales: reviewed SOP and inspection tracking. Tracking by road, and inspects each section.

Exfiltration Trenches: Reviewed SOP, 11 structures. Reviewed inspection checklists. No maintenance required in reporting period.

Catch basins: Scheduled to be inspected in dry season. Angie Thul inspects then schedules vac truck with Utility Department in Munis software. Timing of vac response may depend on type of issue. Sediment may take a couple weeks, while emergencies like illegal dumping handled within day. Reviewed inspection tracking list; work orders in Munis system which include completed date; and an invoice for contractor to replace collapsed pipe.

Pipes: done with catch basin inspections. Reviewed Culvert inspection tracking.

Major outfalls -scheduled for wet season. Reviewed tracking sheet and inspection checklists done in May/June. The Village will continue to inspect non-MS4 outfalls.

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

Satisfactory Unsatisfactory Not Applicable

New/Redevelopment Projects: 9 reviewed and 5 approved by Building Planning and Zoning

Part III.A.3: Roadways

Satisfactory Unsatisfactory Not Applicable

Litter Control: contracted

Pick Up Events: Keep PBC beautiful

Street Sweeping: No curb/gutter. Congress Ave is owned/swept by FDOT.

Road Maintenance Yards: Reviewed inspection checklist. No vehicle wash. Above ground fueling. Maintenance Shop – inspected. See Part III.

Equipment Yard – not inspected during audit.

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: No facility.

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

Satisfactory Unsatisfactory Not Applicable

FDACS License: Personnel do not apply herbicides. Contract with Safari for pest control (reviewed pest control and fertilizer applicator licenses).

GIBMP Certification: Two Village staff have commercial fertilizer applicator licenses. May apply fertilizers at ball fields.

Reviewed list of parks and village property on landscaping bid.

Fertilizer Ordinance: Not in nutrient impaired WBID

Public Education: Quarterly newsletter

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: Using structural control inspections. Have “ID/ID” column on checklist. Illicit Discharge inspection report reviewed: Dumpsters discharging into storm drain, noted during catch basin inspection. Staff also look for dumping during canal inspections.

Reactive Inspections: None reported. Discussed educating the public on stormwater systems and targeting specific audience.

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

Satisfactory Unsatisfactory Not Applicable

Spills: 0

Fire Department: Recommend asking Fire Rescue how they respond to spills. Most of Village is small, no curb, low speed limit, unlikely to have car accidents. Congress Ave is FDOT.

Training: Angie attended training. Recommend training staff that handle chemicals, including maintenance yard staff that perform oil changes, fuel vehicles, patch roads, etc. I suggest contacting Mock-Roos for training.

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

Satisfactory Unsatisfactory Not Applicable

Website/Phone: Discussed public education for residents to report illicit discharges.

Public Education: website

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

Satisfactory Unsatisfactory Not Applicable

Public Education: Digital Sign-at Village Hall. Reviewed newsletter, which is distributed to 12,000 homes quarterly. Discussed contacting Solid Waste Authority to do education for properly disposing of used cooking oil. Discussed putting on Village Website.

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

Satisfactory Unsatisfactory Not Applicable

Not discussed during audit.

**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: 8 reviewed, 4 approved. The Village may contract erosion and sediment control.

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

Satisfactory Unsatisfactory Not Applicable

Inspections: 11 private, 189 inspections

Angie performs weekly inspections. Reviewed inspection checklists and ERP coverage or self-cert and CGPs.

Enforcement: Reported 10. Building official issued verbal warnings for silt fences and truck pads (no documentation).

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

Satisfactory

Unsatisfactory

Not Applicable

Inspector E&SC Training: Angie has DEP erosion and sediment control certification, and attended annual refresher training with Steering Committee, did not report.

Site Plan Reviewer Training: Reported 0. Discussed building staff, and contracted site plan review. Contracted engineers include sediment control in their review of the Utility/Civil plans.

Site Operator Training: N/A; no permittee construction.