

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis Governor

Jeanette Nuñez Lt. Governor

Noah Valenstein Secretary

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

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 Atlantis
Permit Number: FLS000018 (Cycle 3)

Annual Report Year: Year 6

Reporting Period: 09/2015 - 09/2016

Audit Date/Time: June 20, 2017 12:30 pm - 1:30 pm

Inspector(s):

Name	Title	Phone/ Email		
Michelle Bull	MS4 Coordinator	850/245-7561		
		Michelle.Bull@dep.state.fl.us		

Permittee Representative(s):

Name	Title	Phone		
Jay Foy, P.E.	City Engineer, StormwaterJ	561/242-0028		
	Engineering, Inc.	JFoyStormK@gmail.com		
Steve Mazuk	Utilities Director, Public	561/965-1744		
	Works	SMazuk@atlantisfl.gov		
Alan Wertepny	MS4 Coordinator, Mock-Roos	561/683-3113		
		Alan.Wertepny@mockroos.com		

II. GENERAL COMMENTS

City is a semi-gated community (3 watch towers), with public roads. Incorporated in 1959, old water and sewer system. Very little development, mostly built out, SFHs. Two private golf courses (one public access). MS4 is interconnected with course and Lake Worth Drainage District (Waters of the State). Palm Beach County Fire Station is within City. City Police Dept.

III.	SITE VISITS				
	☐ Satisfactory	☐ Unsatisfactory			
IV.	SWMP IMPLEMENTATION REVIEW				
	Monitoring Program				
		☐ Unsatisfactory	☐ Not Applicable		

City of Atlantis MS4 FLS000018 Cycle 3 Year 6 Audit Report June 20, 2017

Fiscal Analysis			
Comments : Most changes are CIP or unexpected repair expenses. Discussed including explanation of changes.			
TMDL Prioritization			
	☐ Unsatisfactory	☐ Not Applicable	
N/A			
Part III.A.1: Structural Co	ntrols and Stormwater Collectio	on Systems Operation	
	☐ Unsatisfactory	☐ Not Applicable	
Structural Control Inventory: City's swales do not meet definition of treatment swale. Discussed reporting as conveyance swales. Also discussed reporting valley gutters. Structural Control Inspections: Structures inspected monthly. Reviewed inspection reports for dry/wet retention/detention. Has checklist. Lake Atlantis: Fertilizer (Jim Showhammer Landscaping) and aquatic plant control (Advanced Aquatic) Exfiltration system in City Hall parking lot. Checked for sediments, debris. Control Structure: weir (major outfall) under Lantana Road. Reviewed inspection report for mowing, litter and debris removal from swales and catch basins Tues/Thurs.			
Part III.A.2: Areas of New	Development and Significant Re	edevelopment	
	☐ Unsatisfactory	☐ Not Applicable	
Not reviewed during audit.			
Part III.A.3: Roadways			
	☐ Unsatisfactory	☐ Not Applicable	
Litter Control: Public Works staff collects litter Tues/Thurs. Wednesday Parks/Projects, Mon/Friday is perimeter. Estimate number of bags collected. Street Sweeping: Entire 26 miles of City is contracted 3-4 per year (Oct, April, July). All American, report yards per event. Road Maintenance Yards: Storage Yard for vehicles. No product storage, no maintenance, no washing. Discussed that this facility is not required to be reported.			
Part III.A.4: Flood Control Projects			
	☐ 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			
	☐ Unsatisfactory	☐ Not Applicable	
Waste Storage Facilities : contracted with SWS (Southern Waste Systems), picks up from house to prevent residents from hauling trash to the street.			

City of Atlantis MS4 FLS000018 Cycle 3 Year 6 Audit Report June 20, 2017

Part	Part III.A.6: Pesticides, Herbicides, and Fertilizer Application				
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
	Two City parks: Good Housekeeping, trash, litter. FDACS License: Landscaping contracted. See Part III.A.1. Email licenses for two contractors.				
	HII.A.7.a: Illicit Discharges a sections, Ordinances, and Enfo				
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
Not	reviewed during audit.				
	t III.A.7.c: Illicit Discharges an estigation of Suspected Illicit D		mproper Disposal — harges and/or Improper Dispo	sal	
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
Proactive Inspections: Done during monthly structural control inspections. Reviewed inspection checklist. Reactive Inspections: One complaint. 5/13/2016. Tile company dumped illegal waste into storm drain. Enforcement: Code enforcement required tile violator to pump catch basin. Training: 3/16/2016 -2 attended Mock Roos training videos. Alan suggested reporting FWPCOA short school. Discussed counting CEUs. Discussed Police Department (Code Enforcement) training as well.					
	: III.A.7.d: Illicit Discharges a Prevention and Response	nd l	Improper Disposal —		
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
Not	reviewed during audit.				
	: III.A.7.e: Illicit Discharges and lic Reporting	nd I	mproper Disposal —		
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
Not reviewed during audit. Website/Phone: Police Department has 24-hr number. Public Education: Newsletter June 2016. Mailed to all residents.					
Part III.A.7.f: Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control					
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
	reviewed during audit. d Waste department: Contract	ed.			
Part III.A.7.g: Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage					
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
Spill	s: 0				

City of Atlantis MS4 FLS000018 Cycle 3 Year 6 Audit Report June 20, 2017

Part III.A.8.a: Industrial and High-Risk Runoff— Identification of Priorities and Procedures for Inspections					
\boxtimes	Satisfactory	☐ Unsatisfactory	☐ Not Applicable		
_	High risk facilities : 0 facilities. Golf Courses and Gas Station and shopping mall (does not drain to City). Medical offices and hospital. No industrial.				
	t III.A.8.b: Industrial and H nitoring for High Risk Indus	9			
\boxtimes	Satisfactory	☐ Unsatisfactory	□ Not Applicable		
Mor	nitoring: N/A				
Part III.A.9.a: Construction Site Runoff— Site Planning and Non-Structural and Structural Best Management Practices					
\boxtimes	Satisfactory	☐ Unsatisfactory	□ Not Applicable		
Site Plan Review : Jay reviewed plans. Drain to County. Have ERP structures. Got a City permit ERP/CGP Coverage : under 1 acre. Notified that they needed a permit from the County and FDOT.					
Part III.A.9.b: Construction Site Runoff— Inspection and Enforcement					
\boxtimes	Satisfactory	☐ Unsatisfactory	□ Not Applicable		
Inspections : Jay does inspections. Reviewed inspection report for 9/2016 inspection. Enforcement : Will not issue CO if site has issues. Can refer to Code Enforcement.					
Part III.A.9.c: Construction Site Runoff— Site Operator Training					
\boxtimes	Satisfactory	☐ Unsatisfactory	□ Not Applicable		
-	Inspector E&SC Training: Have DEP training and refresher with Mock-Roos. Site Plan Reviewer Training: Have DEP training and refresher with Mock-Roos.				