

Florida Department of Environmental Protection

Rick Scott Governor

Carlos Lopez-Cantera Lt. Governor

Jonathan P. Steverson Secretary

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

Phase I Municipal Separate Storm Sewer System (MS4) NPDES Stormwater Audit Report

I. BACKGROUND INFORMATION

MS4 Permit Name: Palm Beach County

Permittee: South Indian River Water Control District

Permit Number: FLS000018 (Cycle 3)

Annual Report Year: Year 4

Reporting Period: 10/01/2013 - 09/30/2014

Audit Date/Time: June 11, 2015 8:30 am - 10:00 am

Inspector(s):

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

Permittee Representative(s):

Name	Title	Phone
Alan Wertepny	Program Manager	(561) 683-3113 x 231
	Mock-Roos	alan.wertepny@mockroos.com
Michael Dillon	Manager of Operations	(561) 747-0550
		dillon@sirwcd.org
Karen Brandon	AECOM	(561) 684-3375
		Karen.Brandon@aecom.com

II. GENERAL COMMENTS

Serves a rural residential area, single family homes on 1.25-20 acre lots in unincorporated County. All streets have swales and culverts. Stormwater drains to E-W canals (including C-14). 5 water control structures discharge to C-18 canal. Canal system developed in 1960s have a WMD O&M permit of SIRWCD. 83 miles paved roads (some County) 100+ unpaved. 90% built out.

	SIRWCD. 85 lilles paved roads (some County) 100+ unpaved. 90% built out.					
II.	SITE	VISITS				
	\boxtimes	Satisfactory		Unsatisfactory		Not Applicable
V.	SWM	1P IMPLEMENTATION REVIEW				
	Fisca	al Analysis				
	\boxtimes	Satisfactory		Unsatisfactory		Not Applicable

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South Indian River Water Control District Cycle 3 Year 4 Audit Report August 14, 2015

Part III.A.1: Structural Controls and Stormwater Collection Systems Operation						
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
Structural Control Inspections : 60 miles wet detention=canals with water control structures; inlets owned by the County, inspected and maintained by WCD annually. Swales are listed as conveyances, may be treatment swales; however, they are being inspected annually.						
Par	t III.A.2: Areas of New Develo	opm	ent and Significant Redevelop	ome	nt	
	Satisfactory		Unsatisfactory	\boxtimes	Not Applicable	
Par	t III.A.3: Roadways					
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
Litter Control: Litter collection during mowing and complaint response. Pick Up Events: One canal cleanup event annually. Street Sweeping: none. Unpaved roads are graded weekly. Road Maintenance Yards: Store mowing, road maintenance equipment, store road material. Indoor bay garage. Waste oil containment area (oil and filters collected by Safety Kleen). Inspected annually, maintained regularly (wash recycle system checked, yard for runoff, lid on dumpster.						
Par	t III.A.4: Flood Control Proje	ects				
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
Projects without stormwater treatment : No plans for future stormwater projects. Lower areas flood during rain events, drain within 12 to 24 hours.						
	t III.A.5: Municipal Waste Tr Covered by an NPDES Storn		· · · · · · · · · · · · · · · · · · ·	acili	ties	
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
Waste Storage Facilities: None.						
Par	t III.A.6: Pesticides, Herbicide	es, a	nd Fertilizer Application			
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
FDA	ACS License: Terra Tech spray o	anal	Is with aquatic herbicides.			
Part III.A.7.a: Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures						
	Satisfactory		Unsatisfactory	\boxtimes	Not Applicable	
Part III.A.7.c: Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal						
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable	
Proactive Inspections : performed during structural control inspections. Enforcement : Referred to County.						

South Indian River Water Control District Cycle 3 Year 4 Audit Report August 14, 2015

Training: VHS video presented to operators; Mike and Karen attend NPBCID refresher training. This year, new training was presented to operators.

Part III.A.7.d: Illicit Discharges and Improper Disposal — Spill Prevention and Response							
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable		
Trai	ning: See Part III.A.7.c.						
	t III.A.7.e: Illicit Discharges blic Reporting	and	Improper Disposal —				
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable		
Pub	Website/Phone: SIRWCD Public Education: Newsletter includes illicit discharge, culvert cleaning, contact information; mailed to all residents. Distribute during annual "Land Owner Day".						
	t III.A.7.f: Illicit Discharges s, Toxics, and Household Ha						
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable		
Pub	lic Education: See above for J	oublic	education.				
Part III.A.7.g: Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage							
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable		
Area	a is served by septic systems.	Inclu	de in future annual reports.				
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 : None. Very little commercial – nursery, Publix shopping center (on sanitary sewer), elementary school, Palm Beach County recreation park.							
Part III.A.8.b: Industrial and High-Risk Runoff — Monitoring for High Risk Industries							
\boxtimes	Satisfactory		Unsatisfactory		Not Applicable		
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: RV Park ERP/CGP Coverage: RV Park							

South Indian River Water Control District Cycle 3 Year 4 Audit Report August 14, 2015

Part III.A.9.b: Construction Site Runoff — Inspection and Enforcement						
Satisfactory ■ Satisfactory	☐ Unsatisfactory	□ Not Applicable				
Inspections: Construction not started during reporting year. Enforcement: Would refer violations to the County.						
Part III.A.9.c: Construction Site Runoff — Site Operator Training						
☐ Satisfactory	□ Unsatisfactory	□ Not Applicable				
Inspector E&SC Training: Dennis Peterson has DEP S&E Control (2003) and has been inspections for 10+ years; did not participate in refresher training. Site Plan Reviewer Training: Peter May, Jarrod Stern, Karen Brandon have DEP S&E Control, Karen attended NPBCID refresher training. Site Operator Training: No construction.						

Required Improvements: In the future, provide site inspector refresher training. Report Site plan reviewer refresher training.