



ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

Submit the form and attachments to:
Florida Department of Environmental
Protection
Mail Station 2500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

SECTION I. BACKGROUND INFORMATION

A.	Permittee Name: SIRWCD		
B.	Permit Name: Palm Beach County Municipal Separate Storm Sewer System (MS4)		
C.	Permit Number: FLS000018-003 (Cycle 3)		
D.	Annual Report Year: ☐ Year 1 ☒ Year 2 ☐ Year 3 ☐ Year 4 ☐ Year 5 ☐ Other, specify Year:		
E.	Reporting Time Period (month/year): Oct / 2011 through September / 2012		
F.	Name of the Responsible Authority: Mike Dillon for South Indian River Water Control District		
	Title: General Manager		
	Mailing Address: 15600 Jupiter Farms Road		
	City: Jupiter	Zip Code: 33478-9399	County: Palm Beach
	Telephone Number: 561-747-0550		Fax Number: 561-747-9182
	E-mail Address: sirwcd@sirwcd.org		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above):		
	Title:		
	Department:		
	Mailing Address:		
	City:	Zip Code:	County:
	Telephone Number:		Fax Number:
	E-mail Address:		

SECTION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable In Year 1)

A.	Number of outfalls ADDED to the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? ☐ Yes ☐ No ☒ Not Applicable)
B.	Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? ☐ Yes ☐ No ☒ Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? ☐ Yes ☐ No ☒ Not Applicable

SECTION III. MONITORING PROGRAM

	Provide a brief statement as to the status of monitoring plan implementation:
A.	<i>"The monitoring plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the monitoring information."</i>
	Provide a brief discussion of the monitoring results to date:
B.	<i>"Please see the Palm Beach County Joint Annual Report for the monitoring information."</i>
	Attach a monitoring data summary, as required by the permit.
C.	<i>"Monitoring data provided in PBC Joint Annual Report."</i>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$20,394
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$9,000

SECTION V. MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

Only the following materials are to be submitted to the Department along with this fully completed and signed Annual Report Form (check the appropriate box to indicate whether the item is attached or is not applicable):

AttachedN/A*****DEP Note: Please complete Checklists A & B at the end of the tailored form.*****☒☐

Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.

☐☒

A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.

☐☒

Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.

☐☒

Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.

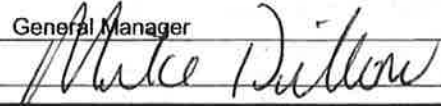
☐☒

Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.

DO NOT SUBMIT ANY OTHER MATERIALS**(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)****SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE**

The Responsible Authority listed in Section I.F above must sign the following certification statement, as per Rule 62-620.305, F.A.C.:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Authority (type or print): Mike DillonTitle: General ManagerSignature: Date: 2/28/2013

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.		C.		D.	E.	F.	
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity		Number of Activities Performed		Documentation / Record	Entity Performing the Activity	Comments	
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation							
	Maintain an up-to-date inventory of the structural controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the types of control structures listed in Table II.A.1.a of the permit. Report the current known inventory.							
	Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained. If the minimum inspection frequencies set forth in Table II.A.1.a were not met, provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met.							
	Type of Structure	Number of Activities Performed				Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities	Percentage Maintained		
	Dry retention systems	0	N/A	N/A	N/A	N/A	N/A	
	Exfiltration trench / French drains (linear feet)	0	N/A	N/A	N/A	N/A	N/A	
	Grass treatment swales (miles)	0	N/A	N/A	N/A	N/A	N/A	
	Dry detention systems	0	N/A	N/A	N/A	N/A	N/A	
	Wet detention systems (mi)	60	180	100%	180	100%	SIRWCD Personnel	Canals
	Pollution control boxes	0	N/A	N/A	N/A	N/A	N/A	
	Stormwater pump stations	0	N/A	N/A	N/A	N/A	N/A	
	Major stormwater outfalls	12	49	100%	37	100%	SIRWCD Personnel	
	Weirs or other control structures	12	49	100%	37	100%	SIRWCD Personnel	
	MS4 pipes / culverts (miles)	0	N/A	N/A	N/A	N/A	N/A	PBC Pipes/Culverts in County Roads
Inlets / catch basins / grates	75	225	100%	49	65%	SIRWCD Personnel	Quarterly Inspections	
Ditches / conveyance swales (miles)	300+/-	300+/-	100%	300+/-	100%	SIRWCD Personnel		

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Part III.A.1	Structural Controls and Stormwater Collection Systems Operation							
	Maintain an up-to-date inventory of the structural controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the types of control structures listed in Table II.A.1.a of the permit. Report the current known inventory.							
	Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained. If the minimum inspection frequencies set forth in Table II.A.1.a were not met, provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met.							
	Type of Structure	Number of Activities Performed				Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities	Percentage Maintained		
	Dry retention systems	0	N/A	N/A	N/A	N/A	N/A	
	Exfiltration trench / French drains (linear feet)	0	N/A	N/A	N/A	N/A	N/A	
	Grass treatment swales (miles)	0	N/A	N/A	N/A	N/A	N/A	
	Dry detention systems	0	N/A	N/A	N/A	N/A	N/A	
	Wet detention systems (mi)	60	180	100%	180	100%	Inspection Log Book	Canals
	Pollution control boxes	0	N/A	N/A	N/A	N/A	N/A	
	Stormwater pump stations	0	N/A	N/A	N/A	N/A	N/A	
	Major stormwater outfalls	12	49	100%	37	100%	Inspection Log Book	
	Weirs or other control structures	12	49	100%	37	100%	Inspection Log Book	
	MS4 pipes / culverts (miles)	0	N/A	N/A	N/A	N/A	N/A	PBC Pipes/Culverts in County Roads
	Inlets / catch basins / grates	75	225	100%	49	65%	Inspection Log Book	Quarterly Inspections
Ditches / conveyance swales (miles)	300+/-	300+/-	100%	300+/-	100%	Inspection Log Book		

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	CONTRACTOR Litter Control Program: Estimated amount of area maintained (linear feet)	0	N/A	N/A	
	CONTRACTOR Litter Control Program: Estimated amount of litter collected (cubic yards)	0	N/A	N/A	
	If an Adopt-A-Road or similar program is implemented, report the total number of road miles cleaned and an estimate of the quantity of litter collected.				
	Keep PBC Beautiful Trash Pick-up Events: Total miles cleaned	0	N/A	N/A	See above program
	Keep PBC Beautiful Trash Pick-up Events: Estimated amount of litter collected (cubic yards)	0	N/A	N/A	
	Adopt-A-Road Program: Total miles cleaned	0	N/A	N/A	
	Adopt-A-Road Program: Estimated amount of litter collected (cubic yards)	0	N/A	N/A	
	Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen (TN) and total phosphorus (TP) loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in the Year 1 Annual Report.				
	Frequency of street sweeping	0	N/A	N/A	No Curb & Gutter
	Total miles swept (per year)	0	N/A	N/A	
	Estimated quantity of sweeping material collected (cubic yards)	0	N/A	N/A	
	Total nitrogen loadings removed (pounds)	0	N/A	N/A	
	Total phosphorus loadings removed (pounds)	0	N/A	N/A	
	Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned		N/A	N/A	
	Annually review (and revise, as needed) and implement the permittee's written standard practices to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. Report the number of applicable facilities and the number of inspections conducted for each facility.				
	Comments applicable to facility below: The District does not have maintenance equipment yards and shops that support roadway and maintenance activities.				
		Number of Inspections			
	Name of facility #1: Maintenance Equipment Yards/Shops	1	District Log	SIRWCD Personnel	Once annually
Part III.A.4	Flood Control Projects				
	Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
	include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not. Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.				
	Flood control projects completed during the reporting period Flood control projects completed during the reporting period that did <u>not</u> include stormwater treatment	0	N/A	N/A	
	ATTACH a list of the flood control projects that did not include stormwater treatment and an explanation for each of why it was not	N/A	N/A	N/A	
	Stormwater retrofit projects planned	0	N/A	N/A	
	Stormwater retrofit projects under construction during the reporting period	0	N/A	N/A	
	Stormwater retrofit projects completed during the reporting period	0	N/A	N/A	
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit				
	Annually review (and revise, as needed) and implement the permittee's written procedures for inspections and the implementation of measures to control discharges from the following facilities that are not otherwise covered by an NPDES stormwater permit: • Operating municipal landfills; • Municipal waste transfer stations; • Municipal waste fleet maintenance facilities; and • Any other municipal waste treatment, waste storage, and waste disposal facilities. Report the number of applicable facilities and the number of the inspections conducted for each facility. Comments applicable to facility below: The District has no municipal TDS facilities.				
		Number of Inspections			
	Name of facility #1:	0	N/A	N/A	No TDS facilities
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	Continue to require proper certification and licensing by the Florida Department of Agriculture and Consumer Services (FDACS) for all applicators contracted to apply pesticides, herbicides, or fertilizers on permittee-owned property, as well as any permittee personnel employed in the application of these products. Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. Report the number of permittee personnel and contractors who have been trained through the Green Industry BMP Program, and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.				

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides CONTRACTORS: FDACS certified / licensed applicators of fertilizer PERSONNEL: Green Industry BMP Program training completed CONTRACTORS: Green Industry BMP Program training completed	0 1 0 0 0	N/A District Files N/A N/A N/A	Terra Tech N/A N/A N/A	5 times/month over 60 mi. of canals
	Pursuant to SB 2080 (2009), all local governments are encouraged to adopt a Florida-friendly Landscaping Ordinance similar to the one set forth in the document "Florida-friendly Guidance Models for Ordinances, Covenants and Restrictions." If the broader Florida-friendly ordinance described above is not adopted, then all local governments within the watershed of a nutrient-impaired water body shall adopt the Department's Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes pursuant to SB 494 (2009) or an ordinance that includes all of the requirements set forth in the Model Ordinance. <u>The ordinance shall be adopted within 24 months of the date of permit issuance.</u> Provide a copy of the adopted ordinance with the subsequent Year 1 or Year 2 Annual Report.				
	Year 1 or Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance		N/A	N/A	PBC Steering Committee Coordinating
	During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable). Activities performed under the Florida Yards and Neighborhoods (FYN) program should only be reported if the permittee is contributing funding towards the FYN staff and program within its jurisdiction.				
	FYN PROGRAM FUNDING: Permittee Provides Funding? ☒ Yes ☐ No Amount of Funding = \$0.00* *See Palm Beach County Joint Annual Report				
	Public education and outreach program	The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information.			
	Estimated percentage of the population reached by the activities in total	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Brochures/Flyers/Fact sheets distributed	See comment above	See comment above	PBC Permittees	Joint Annual Report
	FYN: Brochure/Flyers/Fact sheets distributed	0	N/A	FYN	
	Neighborhood presentations: Number conducted	0	N/A	N/A	
	FYN: Neighborhood presentations: Number of participants	0	N/A	FYN	
	FYN: Neighborhood presentations: Number conducted	0	N/A	FYN	
	Neighborhood presentations: Number of participants	0	N/A	N/A	
	Newspapers & newsletters: Number of articles/notices published	0	N/A	N/A	
	Newsletters: Number of newsletters distributed	0	N/A	N/A	

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Public displays (e.g., kiosks, storyboards, posters, etc.) FYN: Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs)	0 0 4	N/A N/A Joint Annual Report	N/A FYN PBC Permittees	Joint Annual Report
	FYN: Radio or television Public Service Announcements (PSAs) School presentations: Number of participants School presentations: Number of participants FYN: School presentations: Number of participants FYN: School presentations: Number of participants Seminars/Workshops: Number of participants Seminars/Workshops: Number of participants FYN: Seminars/Workshops: Number of participants FYN: Seminars/Workshops: Number of participants Special events: Number of participants	0 0 0 0 0 0 0 0 0 5	N/A N/A N/A N/A N/A N/A N/A N/A N/A Joint Annual Report	FYN N/A N/A FYN FYN N/A N/A PBC Permittees	
	Special events: Number of participants FYN: Special events: Number of participants FYN: Special events: Number of participants Web Site: Number of hits / visitors to the stormwater-related pages	4,000+ 0 0 159	See Joint Annual Report N/A N/A Website/Joint Annual Report	PBC Permittees FYN FYN PBC Permittees	Joint Annual Report See Joint Annual Report
	DEP Note: <i>This permit requirement has been removed from other Phase I MS4 permits that were reissued after the Palm Beach County MS4 permit since recent changes to the FDACS certification / licensing program have allowed it to adequately fulfill this requirement. Therefore, at this time, this permit requirement does not need to be implemented.</i>				
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures				
	Where applicable, strengthen the legal authority to conduct inspections, conduct monitoring, control illicit discharges, illicit connections, illegal dumping and spills into the MS4 and to require compliance with conditions in ordinances, permits, contracts, and orders. Report amendments, as needed.				
	ATTACH a report on any amendments to the applicable legal authority		N/A	N/A	No Amendments
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal				
	During Year 1 of the permit, develop and implement a written proactive inspection program plan for identifying and eliminating sources of illicit discharges, illicit connections, or dumping to the MS4. Report on the proactive inspection program, including the number of inspections conducted, the number of illicit activities found, and the number and type of enforcement actions taken.				
	Proactive inspections for suspected illicit discharges / connections /	129	Inspection Log Book	SIRWCD	

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Illicit discharges / connections / dumping found during a proactive inspection Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a proactive inspection Fines issued for illicit discharges / connections / dumping found during a proactive inspection Year 1 ONLY: Attach the written proactive inspection program plan	0 0 0	N/A N/A N/A	Personnel N/A N/A N/A	See Attachment 2rt – Proactive Inspection Program
	Annually review (and revise, as needed) and implement the permittee's written procedures to conduct reactive investigations to identify and eliminate the source(s) of illicit discharges, illicit connections or improper disposal to the MS4, based on reports received from permittee personnel, contractors, citizens, or other entities regarding suspected illicit activity. Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken.				
	Reports of suspected illicit connections / discharges / dumping received Reactive investigations of reports of suspected illicit discharges/ connections / dumping Illicit discharges / connections / dumping found during a reactive investigation Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a reactive investigation Fines issued for illicit discharges / connections / dumping found during a reactive investigation	1 1 (FDEP Issued) 1 0 0	SIRWCD (Email Correspondence) Inspection Log Book Inspection Log Book N/A N/A	SIRWCD Personnel SIRWCD Personnel N/A N/A	10892-151st Lane N – Jupiter Farms FDEP
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, fleet maintenance staff, and inspectors) and contractors to identify and report conditions in the stormwater facilities that may indicate the presence of illicit discharges / connections / dumping to the MS4. Follow-up training shall be provided annually. Report the number and type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training).				
	Initial Training Personnel trained Contractors trained	0 0	Refresher Training 11 Total 0	In-house Video N/A	SIRWCD N/A
Part III.A.7.d	Illicit Discharges and Improper Disposal — Spill Prevention and Response				
	Annually review (and revise, as needed) and implement the permittee's written spill-prevention/spill-response plan and procedures to prevent, contain, and respond to spills that discharge into the MS4. Report on the spill prevention and response activities, including the number of spills addressed.				

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Hazardous and non-hazardous material spills responded to	0	N/A	N/A	
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, firefighters, fleet maintenance staff and inspectors) and contractors on proper spill prevention, containment, and response techniques and procedures. Follow-up training shall be provided annually. Report the number and type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training).				
	Initial Training	Refresher Training			
	Personnel trained	0	11 Total	SIRWCD	
	Contractors trained	0	0	N/A	
Part III.A.7.e	Illicit Discharges and Improper Disposal — Public Reporting				
	During Year 1 of the permit, develop and implement a written public education and outreach program plan to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials into the MS4. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).				
	Public education and outreach program				
	Estimated percentage of the population reached by the activities in total	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Brochures/Flyers/Fact sheets distributed	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Neighborhood presentations: Number conducted	0	N/A	N/A	
	Neighborhood presentations: Number of participants	0	N/A	N/A	
	Newspapers & newsletters: Number of articles/notices published	0	N/A	N/A	
	Newsletters: Number of newsletters distributed	0	N/A	N/A	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	5	Joint Annual Report	PBC Permittees	Joint Annual Report
	Radio or television Public Service Announcements (PSAs)	2	Joint Annual Report	PBC Permittees	Joint Annual Report
	School presentations: Number conducted	0	N/A	N/A	
	School presentations: Number of participants	0	N/A	N/A	
	Seminars/Workshops: Number conducted	0	N/A	N/A	
	Seminars/Workshops: Number of participants	0	N/A	N/A	
	Special events: Number conducted	Refer to Joint Annual Report	Joint Annual Report	PBC Permittees	Joint Annual Report

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	Special events: Number of participants	Refer to Joint Annual Report	Joint Annual Report	PBC Permittees	Joint Annual Report
	Web Site: Number of visitors to the stormwater-related pages	Refer to Joint Annual Report	Joint Annual Report	PBC Permittees	Joint Annual Report
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control				
	During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage the proper use and disposal of used motor vehicle fluids, leftover hazardous household products, and lead acid batteries. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).				
	Public education and outreach program	The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information.			
	Estimated percentage of the population reached by the activities in total	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Brochures/Flyers/Fact sheets distributed	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Household Hazardous Waste (HHW) Collection Day: Events	0	N/A	N/A	
	HHW Collection Day: Amount of waste collected/recycled/properly disposed (tons)	0	N/A	N/A	
	Neighborhood presentations: Number conducted	0	N/A	N/A	
	Neighborhood presentations: Number of participants	0	N/A	N/A	
	Newspapers & newsletters: Number of articles/notices published	0	N/A	N/A	
	Newsletters: Number of newsletters distributed	0	N/A	N/A	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	5	Joint Annual Report	PBC Permittees	Joint Annual Report
	Radio or television Public Service Announcements (PSAs)	4	Joint Annual Report	PBC Permittees	Joint Annual Report
	School presentations: Number conducted	0	N/A	N/A	
	School presentations: Number of participants	0	N/A	N/A	
	Seminars/Workshops: Number conducted	0	N/A	N/A	
	Seminars/Workshops: Number of participants	0	N/A	N/A	
	Special events: Number conducted	5	Joint Annual Report	PBC Permittees	Joint Annual Report
	Special events: Number of participants	4,000+	Joint Annual Report	PBC Permittees	Joint Annual Report
	Storm sewer inlets newly marked/replaced	0	N/A	N/A	
	Web Site: Number of visitors to the stormwater-related pages	159	Joint Annual Report	PBC Permittees	Joint Annual Report

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				Report
	Annually review (and revise, as needed) and implement the permittee's written procedures to reduce or eliminate sanitary wastewater contamination into the MS4, including discharges to the MS4 from sanitary sewer overflows (SSOs) and from inflow / infiltration from collection / transmission systems and/or septic tank systems. Advise the appropriate utility owner of a violation if constituents common to wastewater contamination are discovered in the MS4. Report on the type and number of activities undertaken to reduce or eliminate SSOs and inflow/ infiltration, the number of SSOs or inflow / infiltration incidents found and the number resolved, and the name of the owner of the sanitary sewer system within the permittee's jurisdiction.				
	Activity to reduce/eliminate SSOs and inflow / infiltration: Repair / lining of sanitary sewer system	N/A	N/A	N/A	
	Activity to reduce/eliminate SSOs and inflow / infiltration: Septic systems removed	0	N/A	N/A	
	Activity to reduce/eliminate SSOs and inflow / infiltration: Emergency generator added	N/A	N/A	N/A	
	SSO incidents discovered	0	N/A	N/A	
	SSO incidents resolved	0	N/A	N/A	
	Inflow / infiltration incidents discovered	0	N/A	N/A	
	Inflow / infiltration incidents resolved	0	N/A	N/A	
	Name of owner of the sanitary sewer system		N/A	N/A	
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections				
	Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface water body into which each high risk facility discharges. For the purposes of this permit, high risk facilities include: • Operating municipal landfills; • Hazardous waste treatment, storage, disposal and recovery facilities; • Facilities that are subject to EPCRA Title III, Section 313 (also known as the Toxics Release Inventory (TRI) maintained by the U.S. EPA); and • Any other industrial or commercial discharge that the permittee determines is contributing a substantial pollutant loading to the permittee's MS4. This could include facilities identified through the proactive inspection program as per Part III.A.7.c of the permit. Report on the high risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facilities to determine compliance with all appropriate aspects of the stormwater program. While the permittee may determine the order and frequency of the inspections, the permittee shall inspect each identified facility at least once during the permit term; however, facilities identified as high risk due to the findings of the proactive inspection program as per Part III.A.7.c of the permit shall be inspected annually. Report on the high risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.			C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity			Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
				a high risk inspection			
				Fines issued	Notices of Violation (NOVs) / warning letters / citations issued		
	Total high risk facilities	0				N/A	There are no high risk facilities within the District.
	New high risk facilities added to the inventory during the current reporting period	0				N/A	There are no high risk facilities within the District.
	Operating municipal landfills	0	N/A	N/A		N/A	None
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	N/A	N/A		N/A	None
	EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)	0	N/A	N/A		N/A	None
	Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c	0	N/A	N/A		N/A	None
	Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)	0	N/A	N/A		N/A	None
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries						
	Sampling of the discharge to the stormwater system may be required on an as-needed basis in the event that inspections of high-risk facilities disclose suspected illicit discharges to the MS4. New high-risk industrial facilities as defined in 40 CFR 122.26(d)(2)(iv)(C) must be evaluated to determine if the new discharge is contributing a substantial pollutant load to the MS4. The evaluation may include site-specific monitoring. Report the number of high risk facilities sampled.						
	High risk facilities sampled			0	N/A	N/A	There are no high risk facilities within the District.
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices						
	Continue to implement the local codes or land development regulations and the written pre-construction site plan review procedures that require the use and maintenance of appropriate structural and non-structural erosion and sedimentation controls during construction to reduce the discharge of pollutants to the MS4. Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.						

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	PERMITTEE SITES: Construction site plans reviewed	1	Construction Site Plan Review Log	Palm Beach County	
	PERMITTEE SITES: Construction site plans approved	1	Construction Site Plan Review Log	Palm Beach County	
	PRIVATE SITES: Construction site plans reviewed	4	Construction Site Plan Review Log	District Engineer	
	PRIVATE SITES: Construction site plans approved	4	Construction Site Plan Review Log	District Engineer	
Annually review (and revise, as needed) and implement the permittee's written procedures to notify all new development / redevelopment permit applicants of the need to obtain all required stormwater permits. Report the number of new development/redevelopment permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.					
	Notified of ERP stormwater permit requirements	0	New Development/ Redevelopment Permit Notification Log	District Engineer	No projects required ERP's
	Confirmed ERP coverage	0	New Development/ Redevelopment Permit Notification Log	District Engineer	N/A
	Notified of CGP stormwater permit requirements	4	New Development/ Redevelopment Permit Notification Log	District Engineer	
	Confirmed CGP coverage	2	New Development/ Redevelopment Permit Notification Log	District Engineer	Only 2 projects required CGP's
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				
As an attachment to the Year 1 Annual Report, the permittee shall submit a written plan that details the standard operating procedures for implementation of the stormwater, erosion and sedimentation inspection program for construction sites discharging stormwater to the MS4. The permittee shall implement the plan for inspecting construction sites immediately upon written approval by the Department. Prior to Department approval, the permittee shall continue to perform inspections in accordance with its previously developed construction site inspection procedures. Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken.					
PERMITTEE SITES: Active construction sites		1	Construction Site Runoff Inspection &	District Engineer Staff	

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
	PERMITTEE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs PERMITTEE SITES: Percentage of active construction sites inspected PRIVATE SITES: Active construction sites PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs PRIVATE SITES: Percentage of active construction sites inspected Notices of Violation (NOVs) / warning letters / citations issued Stop Work Orders issued Fines issued	21 100% 1 4 100% 0 0 0	Enforcement Log Construction Site Runoff Inspection & Enforcement Log Construction Site Runoff Inspection & Enforcement Log Construction Site Runoff Inspection & Enforcement Log Construction Site Runoff Inspection & Enforcement Log Construction Site Runoff Inspection & Enforcement Log N/A N/A N/A	District Engineer Staff District Engineer Staff District Engineer Staff District Engineer Staff District Engineer Staff N/A N/A N/A	SIRWCD does not have legal authority to issue NOV's, Stop Work Orders, Fines, etc. SIRWCD does not have legal authority to issue NOV's, Stop Work Orders, Fines, etc. SIRWCD does not have legal authority to issue NOV's, Stop Work Orders, Fines, etc.
Part III.A.9.c	Year 1 ONLY: Attach the written construction site inspection program plan Construction Site Runoff — Site Operator Training		N/A	N/A	
	During Year 1 of the permit, develop and implement a written plan for stormwater training / outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by or under contract with the permittee) and private persons involved in the site plan review, inspection or construction of stormwater management, erosion, and sedimentation controls. All inspectors of construction sites shall be certified through the Florida Stormwater, Erosion, and Sedimentation Control Inspector Training program, or an equivalent program approved by the Department. Follow-up training shall be provided annually.				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.			C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity			Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Report the number and type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training), and the number of private persons trained by the permittee.							
		Certification Training	Initial Training (non-certification)	Refresher Training			
	Permittee construction site inspectors	22			Sign-in Sheet; May 2012	PBC Steering Committee Cheryl More, FDEP	PBC Program with 70 Participants
	Permittee construction site plan reviewers	12			Sign-in Sheet; May 2012	PBC Steering Committee Cheryl More, FDEP	PBC Program with 70 Participants
	Permittee construction site operators	2			Sign-in Sheet; May 2012	PBC Steering Committee Cheryl More, FDEP	PBC Program with 70 Participants
	Private persons	34			Sign-in Sheet; May 2012	PBC Steering Committee Cheryl More, FDEP	PBC Program with 70 Participants

SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable In Year 4)

A.	Permit Citation/ SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY.
	N/A	No changes proposed.
B.	Permit Citation/ SWMP Element	Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change)
	N/A	No changes proposed.

CHECKLIST A: ATTACHMENTS TO BE SUBMITTED WITH THE ANNUAL REPORTS

Below is a list of items required by the permit that may need to be attached to the annual report. Please check the appropriate box to indicate whether the item is attached or is not applicable for the current reporting period. Please provide the number and the title of the attachments in the blanks provided.

Attached	N/A	Rule / Permit Citation	Required Attachment	Attachment Number	Attachment Title
☐	☒	Part II.F	EACH ANNUAL REPORT: If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.		
☐	☒	Part III.A.1	EACH ANNUAL REPORT: An explanation of why the minimum inspection frequency in Table II.A.1.a was not met, if applicable.		
☐	☒	Part III.A.4	EACH ANNUAL REPORT: A list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it did not, if applicable.		
☐	☒	Part III.A.7.a	EACH ANNUAL REPORT: A report on amendments / changes to the legal authority to control illicit discharges, connections, dumping, and spills, if applicable.		
☐	☒	Part V.B.9	EACH ANNUAL REPORT: Reporting and assessment of monitoring results. [Also addressed in Section III of the Annual Report Form]		See Joint Annual Report
☒	☐	Part VI.B.2	EACH ANNUAL REPORT: An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, at a <u>minimum</u> , must include responses to the questions listed in the permit.	1	SWMP Effectiveness
☐	☒	Part VIII.B.3.e	EACH ANNUAL REPORT: A status report on the implementation of the requirements in this section of the permit and on the estimated load reductions that have occurred for the pollutant(s) of concern.		See Joint Annual Report
☐	☒	Part VIII.B.4.f	EACH ANNUAL REPORT after approval of the BPCP: The status of the implementation of the Bacterial Pollution Control Plan (BPCP).		
☐	☒	Rule 62-624.600(2)(a), F.A.C.	YEAR 1: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM).		
☐	☒	Part III.A.3	YEAR 1: If have curbs and gutters but no street sweeping program, an explanation of why no street sweeping program and the alternate BMPs used or planned.		
☐	☒	Part III.A.6	YEAR 1 or YEAR 2: A copy of the adopted Florida-friendly Ordinance, if applicable.		
☐	☒	Part III.A.7.c	YEAR 1: A proactive illicit discharge / connection / dumping inspection program plan.		
☐	☒	Part III.A.9.b	YEAR 1: A construction site inspection program plan. [For approval by DEP]		
☐	☒	Part III.A.2	YEAR 2: A summary report of a review of codes and regulations to reduce the stormwater impact from new development / redevelopment.		
☐	☒	Part V.A.2	YEAR 3: Estimates of annual pollutant loadings and EMCs, and a table comparing the current calculated loadings with those from the previous two Year 3 ARs.		
☐	☒	Part III.A.2	YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from new development / redevelopment.		
☐	☒	Part V.A.3	YEAR 4: If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.		
☐	☒	Part V.B.3	YEAR 4: The monitoring plan (with revisions, if applicable).		
☐	☒	Part VII.C	YEAR 4: An application to renew the permit.		
☐	☒	Part VIII.B.3.d	YEAR 4: A TMDL Implementation Plan / Supplemental SWMP.		

CHECKLIST B: THE REQUIRED ANNUAL REVIEWS OF WRITTEN STANDARD OPERATING PROCEDURES (SOPs) & PLANS

The permit requires annual review, and revision if needed, of written Standard Operating Procedures (SOPs) and plans (e.g., public education and outreach, training, inspections). Please indicate your review status below. **If you have made revisions that need DEP approval, you must complete Section VIII.A of the annual report.**

Did not complete review of existing SOP / Plan	Developed new written SOP / Plan	Reviewed & no revision needed to existing SOP / Plan	Reviewed & revised existing SOP / Plan	Permit Citation	Description of Required SOPs / Plans
☐	☒	☐	☐	Part III.A.1	SOP and/or schedule of inspections and maintenance activities of the structural controls and roadway stormwater collection system.
☐	☐	☒	☐	Part III.A.2	SOP for development project review and permitting procedures and/or local codes and regulations for new development / areas of significant development.
☐	☒	☐	☐	Part III.A.3	SOP for the litter control program.
N/A	N/A	N/A	N/A	Part III.A.3	SOP for the street sweeping program.
☐	☒	☐	☐	Part III.A.3	SOP for inspections of equipment yards and maintenance shops that support road maintenance activities.
N/A	N/A	N/A	N/A	Part III.A.5	SOP for inspections of waste treatment, storage, and disposal facilities not covered by an NPDES stormwater permit.
☐	☐	☒	☐	Part III.A.6	Plan for public education and outreach on reducing the use of pesticides, herbicides and fertilizer.
N/A	N/A	N/A	N/A	Part III.A.6	Plan for pesticide, herbicide and fertilizer application training <i>DEP Note: A plan is not necessary since the FDACS certification / licensing program adequately fulfills the permit requirement.</i>
☐	☒	☐	☐	Part III.A.6	SOP for reducing the use of pesticides, herbicides and fertilizer, and for the proper application, storage and mixing of these products.
☐	☐	☒	☐	Part III.A.7.c	Plan for proactive illicit discharge / connections / dumping inspections.*
☐	☐	☒	☐	Part III.A.7.c	SOP for reactive illicit discharge / connections / dumping investigations.
☐	☐	☒	☐	Part III.A.7.c	Plan for illicit discharge training.
☐	☐	☒	☐	Part III.A.7.d	SOP for spill prevention and response efforts.
☐	☐	☒	☐	Part III.A.7.d	Plan for spill prevention and response training.
☐	☐	☒	☐	Part III.A.7.e	Plan for public education and outreach on how to identify and report the illicit discharges and improper disposal to the MS4.
☐	☐	☒	☐	Part III.A.7.f	Plan for public education and outreach on the proper use and disposal of oils, toxics and household hazardous waste.
N/A	N/A	N/A	N/A	Part III.A.7.g	SOP to reduce / eliminate sanitary wastewater contamination of the MS4.
☐	☐	☒	☐	Part III.A.8	SOP for inspections of high risk industrial facilities.
☐	☐	☒	☐	Part III.A.9.a	SOP for construction site plan review for stormwater, erosion and sedimentation controls, and ERP and CGP coverage.
☐	☐	☒	☐	Part III.A.9.b	Plan for inspections of construction sites.*
☐	☐	☒	☐	Part III.A.9.c	Plan for stormwater, erosion and sedimentation BMPs training.

* Revisions to these plans require DEP approval – please complete Section VIII.A of the annual report.

REMINDER LIST OF THE TMDL / BMAP REPORTS TO BE SUBMITTED <u>SEPARATELY</u> FROM AN ANNUAL REPORT			
Rule / Permit Citation		Report Title	Due Date
Part VIII.B.3.a	6 MONTHS from effective date of permit:	TMDL Prioritization Report.	9/2/11
Part VIII.B.3.b	12 MONTHS from effective date of permit:	TMDL Monitoring and Assessment Plan.	3/2/12
Part VIII.B.3.c	6 MONTHS from receiving analyses from the lab:	TMDL Monitoring Report.	TBD
Part VIII.B.4	30 MONTHS from effective date of permit:	A Bacterial Pollution Control Plan (BPCP).	9/2/13

**END OF REVISED TAILORED MS4 AR FORM
CYCLE 3 PERMIT**

Attachment 1
South Indian River Water Control District
SWMP Effectiveness

Third Term, Year 2 Report

In accordance with Part VI.B.2.:

- The ANNUAL REPORT shall include as an attachment an evaluation of the effectiveness of the permittee's SWMP in reducing pollutant loads discharged from the MS4. At a minimum, the permittee shall attach to the ANNUAL REPORT an explanation of how its SWMP is addressing each of the following:
 1. Have stormwater pollutant loadings discharged from the MS4 decreased? *There are no specific measurements as to whether stormwater pollutant loadings within SIRWCD have decreased. However, since stormwater programs have been implemented as part of the NPDES Program, inherently there have been benefits realized. Why or why not? Canals, swales and structures are being maintained regularly.*
 2. Which components of the SWMP are working well and are effective in reducing stormwater pollutant loadings? *Canal, swale and structure maintenance.*
Why are they effective? Regular maintenance keeps the stormwater system functioning as designed and therefore more effective.
 3. Which components of the SWMP are not working well and need to be revised to make them more effective in reducing stormwater pollutant loadings? *There are no components that SIRWCD is aware of that are not effective.*
 4. Which components of the SWMP do not contribute to reducing stormwater pollutant loads and could be revised or eliminated, and why? *SIRWCD is not*

aware of any components that should be revised or eliminated.

5. Is the monitoring program providing data that can be used to assess the effectiveness of the SWMP in reducing stormwater pollutant loadings, assess the effectiveness of specific BMPs, and determine where stormwater retrofitting projects should be prioritized for implementation? *There are currently no NPDES Joint Monitoring Program sites in the SIRWCD.*

The evaluation is expected to be subjective and is intended to lead the permittee to consider which programs deserve more or less attention.

SIRWCD Pipes/Culverts and Inlets/Manholes

Structural Control Inspection

Standard Operational/Maintenance/Documentation Protocol

There are 8813 linear feet of pipe/culvert that are part of our MS4. The locations are shown on the SIRWCD Roadway and Structures Map.

There are 77 inlets/catch basins inspected quarterly that are part of our MS4. Each structure has a unique identification. This information is stored in an Excel Spreadsheet format, electronically. A copy is attached.

Inspections:

At least 10% of the total number of linear feet of pipe/culvert is inspected each year. The inlets, catch basins, associated with a pipe/culvert system are inspected concurrently. Visual inspections are conducted in accordance with the checklist/procedure that follows. Inspection forms are not used. The Excel file is updated to identify the last inspection date for each facility. If warranted, as a result of the visual inspection, or a more detailed pipe or structure investigation, a work order for maintenance, repair, is generated.

Maintenance:

There are several maintenance activities that may be associated with stormwater networks. The appropriate activity is chosen to correspond to the reported condition. The following activities may be required:

1. Remove trash and debris and dispose of properly.
2. Remove accumulated vegetative matter and dispose of properly.
3. Remove accumulated sediment and dispose of properly.
4. Repair/replace the headwall at the end of the pipe, if applicable.
5. Repair/replace pipe or structure, if needed.

Documentation:

The documentation for the inspection and maintenance activities related to the pipes/culverts and inlets/manholes include: *inspection forms and/or maintenance work orders, and an electronic database.*

Pipes/Culverts – Structural Control Inspection

VISUAL INSPECTION:

Evidence of settling above the pipe alignment?	<i>YES</i>	<i>NO</i>
Sediment accumulation in pipe (viewed from inlets, manholes, etc.)?	<i>YES</i>	<i>NO</i>
Erosion around headwall?	<i>YES</i>	<i>NO</i>

If *YES*, schedule for maintenance and report to supervisor for further investigation.

SOUTH INDIAN RIVER WATER CONTROL DISTRICT					
EAST SIDE CATCH BASIN MAINTENANCE LOG					
Location	Condition	Corrective Maintenance	Date	Machine	Name
155th Pl N & 70th Tr N					
155th Pl N & 71st Dr N					
155th Pl N & 72nd Dr N					
155th Pl N & 73rd Ter N					
155th Pl N & 74th Ave N					
155th Pl N & 75th Way N					
155th Pl N & 76th Tr N					
155th Pl N & 77th Tr N					
155th Pl N & 78th Dr N					
155th Pl N & 79th Dr N					
155th Pl N & 81st Ter N					
155th Pl N & 82nd Ter N					
155th Pl N & 83rd Way N					
155th Pl N & 84th Ave N					
155th Pl N & 85th Ave N					

[illegible][illegible]

SIRWCD Conveyance (Canal) System – Structural Control Inspection Standard Operational/Maintenance/Documentation Protocol

There are 60 miles of canals that are part of the SIRWCD stormwater management system; the canals are located as shown on the following map.

Inspections:

The total length of the conveyance system (canals) is inspected approximately six (6) times each year on the eight (8) week rotation during mowing operations, using the following Structural Control Inspection Form.

The typical inspection/rotation schedule is as follows:

Canals 1-16

Canals A-J, Header Canal, Outfall Canal

Maintenance:

There are several maintenance activities that may be associated with ditches and canals. The appropriate activity is chosen to correspond to the reported condition. The following activities may be required:

1. Mow/cut vegetative cover above normal water line.
2. Remove trash and debris from system and dispose of properly.
3. Remove accumulated sediment from the bottom to restore design conveyance capacity and storage volume.
4. Repair and re-establish any eroded areas on the bottom, side slopes, and/or top of bank.

Documentation:

The documentation for the inspection and maintenance activities related to the conveyance system includes: Inspection forms and/or maintenance work orders, and an electronic database.

Conveyance (Ditch & Canal) System – Structural Control Inspection

Facility/Segment ID: _____

Date: _____

FUNCTION:

Debris or trash present? YES NO

Sediment accumulation? YES NO

Grading issue? YES NO

If YES, report to supervisor for further investigation or schedule for maintenance.

EROSION:

Vegetation on top or side slopes failing? YES NO

Any signs of erosion? YES NO

If YES, describe and schedule for maintenance: _____

GENERAL:

Any indications of illicit discharge or illegal dumping? YES NO

If YES, describe and report to supervisor for proper response: _____

SIRWCD Control Structures/Major Stormwater Outfalls
Structural Control Inspection
Standard Operational/Maintenance/Documentation Protocol

Control structures that are associated with canals (weirs, operable gates, etc.) are inspected as stand-alone facilities. There are twelve (12) stand-alone control structures that are part of SIRWCD's stormwater management system. They are located on the following map and numbered CS-2, CS-3, CS-4, CS-5, CS-14, CS-A, CS-C, CS-D, CS-E, CS-H, CS-J, and Outfall Control Structure.

Inspections:

Stand-alone control structures (as Major Stormwater Outfalls) are inspected annually, or more frequently if historic operations or current conditions indicate that it is needed. There are four basic types of structures: Fixed crest weirs with operable gated bleeders; Operable gates used for both water conservation in the dry season and flood protection in the wet season; fixed crest weirs with bleeders, and a fixed crest weir. Although each type of structure is unique, their inspection protocols are similar.

The structures are typically inspected in the months of April and May, prior to the beginning of the wet season.

Maintenance:

There are several maintenance activities that may be associated with control structures. The following activities may be required:

1. Remove trash and debris and dispose of properly.
2. Remove accumulated vegetative matter and dispose of properly.
3. Remove accumulated sediment and dispose of properly.
4. Repair/replace the mechanical parts, if applicable.
5. Repair/replace structure, if needed.
6. Refer to the O&M manual for operation and maintenance of the gates and operators.

Documentation:

The documentation for the inspection and maintenance activities related to control structures is copies or inspection forms and/or maintenance work orders, and an electronic database.

Control Structure # _____
Inspection Procedure/Checklist/Form

Facility ID: _____

Date: _____

FUNCTION:

Structure in need of repair/replacement? *YES* *NO*

GENERAL:

Any indications of illicit discharge or illegal dumping? *YES* *NO*

If *YES*, describe and report to supervisor for proper response: _____

Signs of erosion on canal bank at outfall? *YES* *NO*

Debris accumulation upstream or downstream of structure? *YES* *NO*

Sediment accumulation upstream or downstream of structure? *YES* *NO*

Headwall or riprap in need of repair/replacement? *YES* *NO*

If *YES*, schedule for maintenance.

SOUTH INDIAN RIVER WATER CONTROL DISTRICT
WEST SIDE GATED STRUCTURE MAINTENANCE LOG

Structure	Location	Condition	Corrective Maintenance	Date	Machine	Name
Gate 2	C-2					
Gate 3	C-3					
Gate 4	C-4					
Gate 5	C-5					
Gate 6	C-14					
Gate 2	C-2					
Gate 3	C-3					
Gate 4	C-4					
Gate 5	C-5					
Gate 6	C-14					
Gate 2	C-2					
Gate 3	C-3					
Gate 4	C-4					
Gate 5	C-5					
Gate 6	C-14					
Gate 2	C-2					
Gate 3	C-3					
Gate 4	C-4					
Gate 5	C-5					
Gate 6	C-14					

[illegible][illegible]

SIRWCD Litter Control Program

The Litter Control Program for SIRWCD consists of:

- Sixty (60) miles of litter collection within SIRWCD canals. A map of litter collection areas maintained by SIRWCD is attached.
- The frequency of collection is:
 - Covering entire 60 miles of canals approximately every 8 weeks.
- Documentation of volume of litter collected is based on Solid Waste Authority Truck tickets and is kept in a log book by date and is summarized for reporting each year.
- All collected litter is properly disposed of by the Solid Waste Authority.
- There is not currently an "Adopt-a-Road" program in place for roads within SIRWCD.

SIRWCD Maintenance/Equipment Yard Practices And Inspections

The attached map depicts the location of the SIRWCD-owned and operated equipment yard and maintenance shop. Below are the standard practices in place at the facility.

General Housekeeping:

Place adequate stockpiles of spill cleanup materials where they are readily accessible.

Keep work sites clean and orderly. Remove debris in a timely fashion.

Spot clean leaks and drips routinely. Leaks are not cleaned up until the absorbent is picked up and disposed of properly.

Clean leaks, drips, and other spills with as little water as possible. Use rags for small spills, a damp mop for general cleanup, and dry absorbent material for larger spills. Use the following three-step method for cleaning floors:

- Clean spills with rags or other absorbent materials
- Sweep floor using dry absorbent material
- Mop the floor. Mop water may be discharged to the sanitary sewer via a toilet or sink.

Sweep the maintenance area weekly, if it is paved, to collect loose particles. Do not hose down the area to a storm drain.

Report leaking vehicles to supervisor.

Vehicle/Equipment Fueling:

Apply a suitable sealant that protects the asphalt from spilled fuels in areas where covering is infeasible and the fuel island is surrounded by pavement.

Use secondary containment when transferring fuel from the tank truck to the fuel tank. Cover storm drains in the vicinity during transfer.

Maintain clean fuel-dispensing areas using dry cleanup methods such as sweeping for removal of litter and debris, or use of rags and absorbents for leaks and spills. Do not wash down areas with water.

Post signs at the fuel dispenser or fuel island warning vehicle owners/operators against "topping off" of vehicle fuel tanks.

Vehicle/Equipment Washing:

Washing of vehicles and equipment occurs inside the building. This helps to control the targeted constituents by directing them to the reclaimed system. Every 3-4 years oils/solids get removed from the underground tank.

Use biodegradable, phosphate-free detergents for washing vehicles as appropriate.

Use hoses with nozzles that automatically turn off when left unattended.

Vehicle/Equipment Repair:

Move maintenance and repair activities indoors whenever feasible.

If outside, use a vehicle maintenance area designed to prevent stormwater pollution - minimize contact of stormwater with outside operations through berming and appropriate drainage routing.

If temporary work is being conducted outside, use a tarp, ground cloth, or drip pans beneath the vehicle or equipment to capture all spills and drips.

Designate a special area to drain and replace motor oil, coolant, and other fluids. This area should not have any connections to the storm drain or the sanitary sewer and should allow for easy clean up of drips and spills.

Drain all fluids from wrecked vehicles immediately. Ensure that the drain pan or drip pan is large enough to contain drained fluids (e.g. larger pans are needed to contain antifreeze, which may gush from some vehicles).

Do not pour liquid waste to floor drains, sinks, outdoor storm drain inlets, or other storm drains or sewer connections.

Dispose of all waste materials according to applicable laws and regulations.

Collect leaking or dripping fluids in drip pans or containers. Fluids are easier to recycle if kept separate. Promptly transfer used fluids to the proper waste or recycling drums and store in an appropriately designed area that can contain spills. Don't leave drip pans or other open containers lying around.

Do not dispose of oil filters in trash cans or dumpsters, which may leak oil and contaminate stormwater. Place the oil filter in a funnel over a waste oil recycling drum to drain excess oil before disposal. Most municipalities prohibit or discourage disposal of these items in solid waste facilities. Oil filters can also be recycled. Ask your oil supplier or recycler about recycling oil filters.

Avoid hosing down your work areas. If work areas are washed, collect and direct wash water to sanitary sewer.

Storage:

If possible, store materials and wastes under cover whenever possible.

Minimize stormwater runoff by enclosing the area or building a berm around it.

Cover the containers where they are stored.

Raise the containers off the ground by use of pallet or similar method, with provisions for spill control and secondary containment.

Use covered dumpsters for waste product containers.

Contain the material in such a manner that if the container leaks or spills, the contents will not discharge, flow, or be washed into the storm drainage system, surface waters or groundwater.

Store cracked and/or dead batteries in a non-leaking covered secondary container and dispose of properly at recycling or household hazardous waste facilities.

If equipment (e.g., radiators, axles) is to be stored outdoors, oil and other fluids should be drained first. This is also applicable to vehicles being stored and not used on a regular basis.

Try to keep chemicals in their original containers, and keep them well labeled.

Store idle equipment containing fluids under cover.

Inspections:

The attached form is used for the inspection of the maintenance/equipment yard site on a quarterly basis.

SIRWCD Equipment Yard/Maintenance Shop Inspection Form

Facility: _____

Date of Inspection: _____

Address: _____

If site discharges to MS4, provide: Latitude/Longitude of discharge point: _____

and receiving water body: _____

YES NO N/A

☐	☐	☐	Materials/chemicals are stored, handled, and discarded in a manner to reduce the potential risk of spills entering the stormwater management system.
☐	☐	☐	A spill kit is on site.
☐	☐	☐	Outfalls, inlets, and outlets of stormwater treatment systems are free of debris/pollutants
☐	☐	☐	Storage tanks are clearly marked, properly contained, and protected from potential damage
☐	☐	☐	Loading, unloading, and transfer areas are neat and free of spills/debris/pollutants
☐	☐	☐	Vehicle maintenance areas are properly maintained and draining to the treatment system or sanitary sewer line
☐	☐	☐	Outdoor manufacturing areas are properly maintained and free of spills or debris
☐	☐	☐	Outdoor stockpile/material handling areas are properly maintained and the materials are properly contained (i.e., no potential to leak or leach pollutants)
☐	☐	☐	Trash and debris areas are conspicuous and properly protected from stormwater runoff
☐	☐	☐	Fueling stations are free of petroleum product spills/leaks
☐	☐	☐	Vehicle wash and rinse areas are draining to a treatment system or sanitary sewer line
☐	☐	☐	The site was free of any visual indication of potential illicit connection/illicit discharge to the MS4. If no, note type of indication:
			Odor ☐ Color ☐ Foam ☐ Sheen ☐ Surface Scum ☐ Solids ☐ Turbidity ☐

Use reverse side of form for comments.

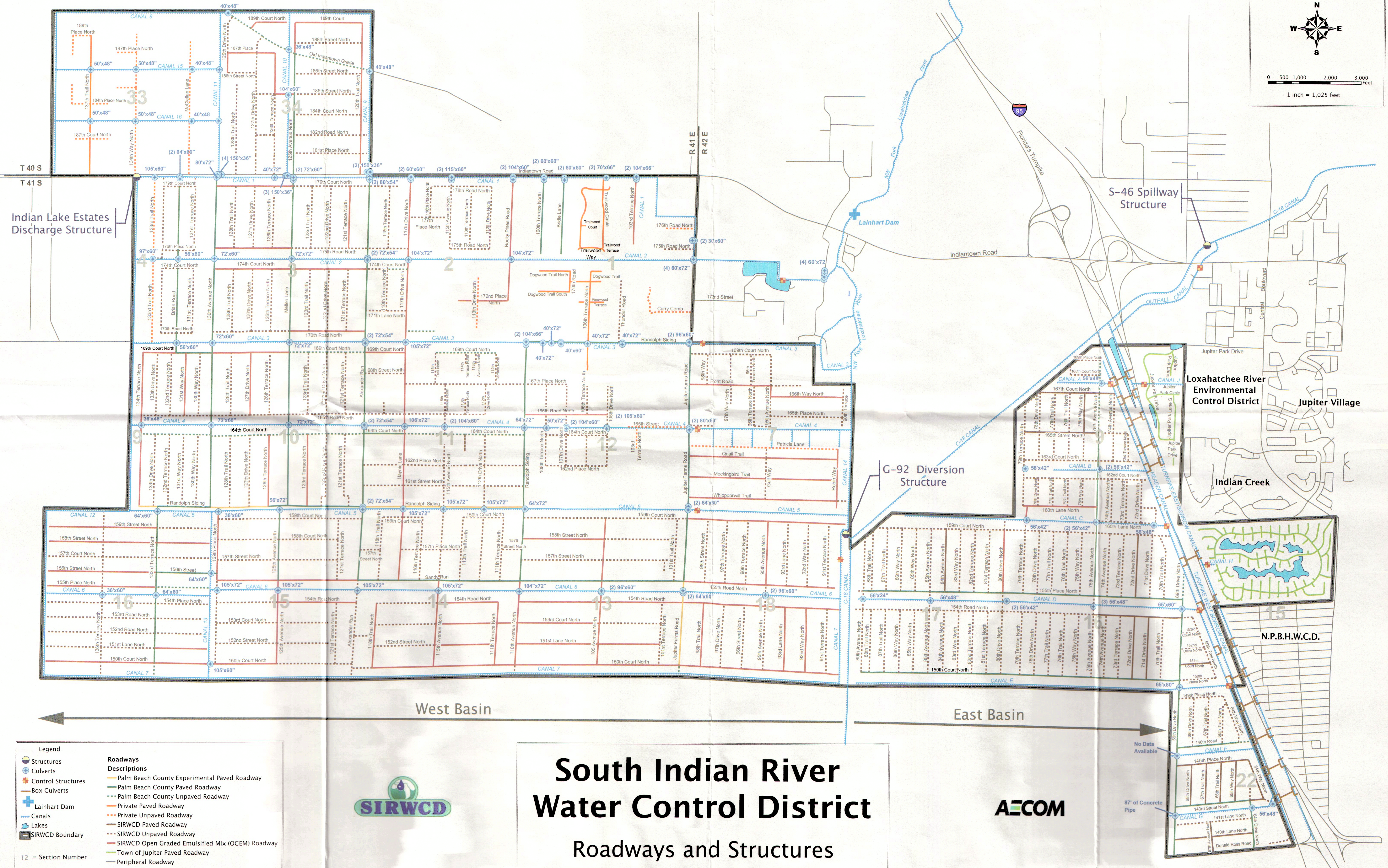
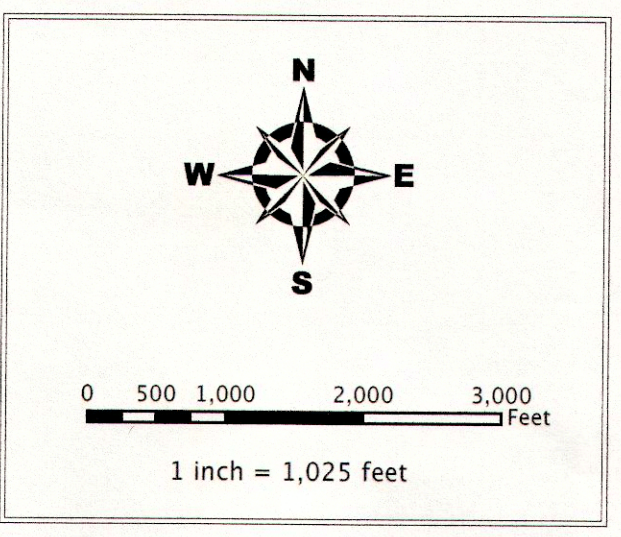
SIRWCD Pesticide & Herbicide Minimization Procedures

In accordance with our Municipal NPDES permit, SIRWCD continues to endeavor to minimize its use of pesticides, and herbicides on public property. The procedures used to achieve this are as follows:

Pesticides & Herbicides

Only personnel and contractors who have proof of certification and licensing by the Florida Department of Agriculture and Consumer Services (FDACS) for the application of pesticides and herbicides, are allowed to apply these products.

Note: SIRWCD does not fertilize or contract with applicators for application of fertilizer.



- Legend**
- Structures
 - Culverts
 - Control Structures
 - Box Culverts
 - Lainhart Dam
 - Canals
 - Lakes
 - SIRWCD Boundary
- Roadways**
- Descriptions**
- Palm Beach County Experimental Paved Roadway
 - Palm Beach County Paved Roadway
 - Palm Beach County Unpaved Roadway
 - Private Paved Roadway
 - Private Unpaved Roadway
 - SIRWCD Paved Roadway
 - SIRWCD Unpaved Roadway
 - SIRWCD Open Graded Emulsified Mix (OGEM) Roadway
 - Town of Jupiter Paved Roadway
 - Peripheral Roadway
- 12 = Section Number



South Indian River Water Control District

Roadways and Structures

