



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: Florida Department of Transportation (FDOT) District Four		
B.	Permit Name: Palm Beach County Municipal Separate Storm Sewer System (MS4)		
C.	Permit Number: FLS000018-003 (Cycle 3)		
D.	Annual Report Year: <input checked="" type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
E.	Reporting Time Period (month/year): March / 2011 through September / 2011		
F.	Name of the Responsible Authority: Maria Connolly, P.E.		
	Title: District Maintenance Engineer		
	Mailing Address: 3400 West Commercial Boulevard		
	City: Fort Lauderdale	Zip Code: 33309	County: Broward
	Telephone Number: 954-777-4202		Fax Number: 954-777-4223
E-mail Address: maria.connolly@dot.state.fl.us			
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Ivette Leiva		
	Title: NPDES Coordinator		
	Department: District Four		
	Mailing Address: 3400 West Commercial Boulevard		
	City: Fort Lauderdale	Zip Code: 33309	County: Broward
	Telephone Number: 954-777-4221		Fax Number: 954-677-7893
E-mail Address: ivette.leiva@dot.state.fl.us			

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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

SECTION III. MONITORING PROGRAM

A.	Provide a brief statement as to the status of monitoring plan implementation: <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>
B.	Provide a brief discussion of the monitoring results to date: <i>Please see the Palm Beach County Joint Annual Report for the monitoring information.</i>
C.	Attach a monitoring data summary, as required by the permit. <i>Please see the Palm Beach County Joint Annual Report.</i>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$3,293,368.92 <i>DEP Note: If program resources have decreased from the previous year, attach a discussion of the impacts on the implementation of the SWMP as per Part II.F of the permit.</i>
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$1,800,000

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):

Attached	N/A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	***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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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): Maria Connolly, P.E.

Title: District Maintenance Engineer

Signature:  Date: 3/23/2012

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.									
<p><i>DEP Note: The permittee needs to “customize” this section by adding any structural controls to the list below that are part of the permittee’s MS4 currently or are planned for the future. The permittee may remove any structural controls listed that it does not have currently or will likely not have during this permit cycle. Please see the attached description of each type of structure. In addition, the permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.</i></p>									
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 or the revised and approved FDOT Statewide Stormwater Management Program (SSWMP) that specifies minimum inspection frequencies 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.									
<p><i>DEP Note: If the minimum inspection frequencies set forth in Table II.A.1.a, or the revised and approved SSWMP, were not met for one or more type of structure, the permittee must 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. Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.</i></p>									
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 (inventory/inspections = count, maintenance = acres)		150	0		2,187		NPDES MS4 Geodatabase MMS Activity Codes 432, 433, 436, 451, 471, 484, 485, 498	PBOC Maintenance Personnel and Approved Contractors	Inspections conducted January and February 2011; next inspections scheduled for 2014.
Exfiltration trench / French drains (Inventory/inspections = count) (maintenance = linear feet)		8	0		10,259				
Grass treatment swales (inventory/inspections = count, maintenance = acres)		48	0		2,372				
Dry detention systems (inventory/inspections = count, maintenance = acres)		23	0		2,187				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

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	Wet detention systems (inventory/inspections = count, maintenance = acres)	33	3		2,187		NPDES MS4 Geodatabase MMS Activity Codes 432, 433, 436, 451, 471, 484, 485, 498	PBOC Maintenance Personnel and Approved Contractors	Inspections conducted January – March 2011; next inspections scheduled for 2014.
	Pollution control boxes	1	0		0				Structure added to NPDES inventory February 2012; implementing tracking procedures.
	Major stormwater outfalls (inventory/inspections = count, maintenance = linear feet)	134	0		26,741		NPDES MS4 Geodatabase MMS Activity Codes 451 and 464	PBOC Maintenance Personnel and Approved Contractors	Inspections conducted early 2011; annual inspections scheduled for 2012.
	Weirs or other control structures (inventory/inspections = count, maintenance = linear feet)	101	3		13,679		NPDES MS4 Geodatabase MMS Activity Codes 451 and 457		Inspections conducted with treatment facilities in January – March 2011; next inspections scheduled for 2014.
	MS4 pipes / culverts (inventory = miles, maintenance = linear feet)	279	0	0	18,961	0	RCI Features 241, 245, and 248; MRP; MMS Activity Codes 451 and 456		See Attachment 1
	Inlets / catch basins / grates (inventory = count, maintenance = linear feet)	10,546	0	0	17,099	0	RCI Feature 242; MRP; MMS Activity Codes 451 and 457		
	Ditches / conveyance swales (inventory = miles, maintenance = linear feet)	13	0	0	2,375	0	RCI Features 245 and 248; MRP; Activity Codes 432, 433, 436, 461, 471, 484, 485, and 498		

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	ATTACH explanation if any of the minimum inspection frequencies in Table II.A.1.a, or in the revised and approved SSWMP, were <u>not</u> met Year 1 ONLY: Attach a map of all known major outfalls as per Rule 62-624.600(2)(a), F.A.C.				
Part III.A.2	Areas of New Development and Significant Redevelopment				
	Continue to employ the FDOT Drainage Connection Permit (DCP) requirements to ensure that appropriate stormwater treatment and permitting occurs prior to discharge into the FDOT system. FDOT shall refer connecting entities failing to meet the DCP requirements or maintain the discharge of acceptable water quality, after sufficient warning by FDOT, to DEP and/or the South Florida Water Management District to regulate the stormwater quality through local or State rules, ordinances, and codes. Report the number of enforcement referrals completed.				
	Number of enforcement referrals	0	FDOT D4 issued letters on file	NPDES MS4 Coordinator	No enforcement referrals during the reporting period.
Part III.A.3	Roadways				
	Annually review (and revise, as needed) and implement the permittee's written procedures for the litter control program(s) for public streets, roads, and highways, including rights-of-way, employed within the permittee's jurisdictional area and properly dispose of collected material. Implement the program on a monthly, or on an as needed, basis. Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected.				
	<i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. In addition, the permittee may choose its own units of measurement for the reporting items. Unit options for the amount of litter include: bags, cubic yards, pounds, tons. Unit options for the amount of area covered by the activity include: square feet, linear feet, yards, miles, acres. If all litter collection is performed by staff or by contractors, but not by both, please remove the non-applicable reporting items.</i>				
	PERMITTEE Litter Control Program: Frequency of litter collection	Weekly	MMS Activity Code 541 and Litter Disposal Invoices	PBOC Maintenance Personnel	March 2011 – September 2011
	PERMITTEE Litter Control Program: Estimated amount of area maintained (acres)	1,929			
	PERMITTEE Litter Control Program: Estimated amount of litter collected (tons)	48.76			
	CONTRACTOR Litter Control Program: Frequency of litter collection	15 cycles	MMS Activity Code 541 and Contract Work Order Tracking Spreadsheet	Approved Contractors	
	CONTRACTOR Litter Control Program: Estimated amount of area maintained (acres)	28,312			
	CONTRACTOR Litter Control Program: Estimated amount of litter collected (tons)	65			
	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.				
	<i>DEP Note: The permittee may choose its own unit of measurement for the amount of litter collected. Unit options include: bags, cubic yards, pounds, tons. If an Adopt-A-Road or similar program is not implemented by the permittee, please note that in Column F but do not remove the Adopt-A-Road Program reporting items.</i>				

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	<p>Adopt-A-Highway Program: Total miles cleaned</p> <p>Adopt-A-Highway Program: Estimated amount of litter collected (bags)</p>	<p>141.3</p> <hr/> <p>437.5</p>	<p>Adopt-A-Highway Litter Removal Report</p>	<p>Volunteers</p>	<p>March 2011 – September 2011</p>
<p>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.</p> <p><i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. Also, the permittee may choose its own unit of measurement for the amount of sweeping material collected. Unit options include: cubic yards, pounds, tons.</i></p> <p><i>DEP Note: If the permittee has curbs and gutters but no street sweeping program is implemented, the permittee must provide an explanation of why not in the Year 1 Annual Report. Refer to Part III.A.3 of the permit for the information that must be included in the explanation (including the alternate BMPs used or planned in lieu of street sweeping). Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.</i></p>					
	<p>Frequency of street sweeping</p> <p>Total miles swept (per year)</p> <p>Estimated quantity of sweeping material collected (yards)</p> <p>Total nitrogen loadings removed (pounds)</p> <p>Total phosphorus loadings removed (pounds)</p> <p>Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned</p>	<p>17 cycles</p> <hr/> <p>5,165</p> <p>100</p> <p>939</p> <hr/> <p>608</p>	<p>MMS Activity Codes 542 and 543 and Disposal Tickets</p> <p>FSA data: 5.5 miles = 1 lb TN</p> <hr/> <p>FSA data: 8.5 miles = 1 lb TP</p>	<p>PBOC Maintenance Personnel and Approved Contractors</p>	<p>The quantity of material reported is based on currently available information. FDOT is working with contractors to report volume of material collected.</p> <hr/> <p>Estimated nutrient removal based on total miles swept.</p>
<p>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.</p> <p><i>DEP Note: The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.</i></p>					

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	<p>Name of facility #1: Palm Beach Maintenance Yard</p>	<p>Number of Inspections</p> <p>0</p>	<p>FDOT D4 Palm Beach Maintenance Yard Annual Inspection</p>	<p>E Sciences, Incorporated</p>	<p>Annual inspection conducted on 2/28/2011.</p>
<p>Part III.A.4</p>	<p>Flood Control Projects</p>				
	<p>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 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.</p> <p><i>DEP Note:</i> A "stormwater retrofit project" is one implemented primarily to provide stormwater treatment.</p> <p><i>DEP Note:</i> The status of the flood control and retrofit projects should be reported as of the last day of the applicable reporting period. Therefore, there should be no duplication for those reported as planned, for those reported as under construction and for those reported as completed.</p> <p><i>DEP Note:</i> If applicable, please provide the title of the attached list of flood control projects that did not include stormwater treatment in Column D and the name of the entity who finalized the list in Column E.</p>				
	<p>Flood control projects completed during the reporting period</p> <p>Flood control projects completed during the reporting period that did <u>not</u> include stormwater treatment</p> <p>ATTACH a list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it was not</p> <p>Stormwater retrofit projects planned</p> <p>Stormwater retrofit projects under construction during the reporting period</p> <p>Stormwater retrofit projects completed during the reporting period</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>			<p>No flood control projects completed during the reporting period.</p> <p>No stormwater retrofit projects planned, under construction, or completed during the reporting period.</p>
<p>Part III.A.5</p>	<p>Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit</p>				
	<p>Annually review (and revise, as needed) and implement 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:</p> <ul style="list-style-type: none"> • FDOT waste transfer stations; • FDOT waste fleet maintenance facilities; and • Any other FDOT waste treatment, waste storage, and waste disposal facilities. <p>Report the number of applicable facilities and the number of the inspections conducted for each facility.</p>				

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<p><i>DEP Note: The permittee needs to “customize” this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If “0” is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted. An applicable facility under Part III.A.5 includes, but is not limited to, those facilities/yards where street sweeping material and/or yard waste are temporary stockpiled. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.</i></p>					
		Number of Inspections			
	Name of facility #1: Not Applicable				FDOT does not own or operate municipal waste TSD facilities.
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	<p>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.</p> <p><i>DEP Note: If “0” is reported in Column C for any of the reporting items, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training / certification was previously provided / obtained, and the names of the personnel and contractors previously trained / certified.</i></p>				
	PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides	3	Florida Department of Agriculture and Consumer Services Licenses	PBOC Maintenance Personnel	Licenses expire 1/31/2014, 10/13/2015, and 6/30/2013
	CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides	6	Florida Department of Agriculture and Consumer Services Licenses	Approved Contractors	Contract: E4L13 and E4L77 Licenses expire 7/31/2012, 6/30/2013, 6/30/2015, and 7/31/2015
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	0			FDOT does not apply fertilizer.
	PERSONNEL: Green Industry BMP Program training completed CONTRACTORS: Green Industry BMP Program training completed	0			Not required at this time

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures				
{Not Applicable to FDOT}					
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal				
<p>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 of referrals completed.</p> <p><i>DEP Note: If "0" is reported in Column C for the first reporting item, please include an explanation in Column F for why no proactive inspections were performed.</i></p> <p><i>DEP Note: Refer to Part III.A.7.c of the permit for what must be included in the written proactive inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.</i></p>					
<p>Proactive inspections for suspected illicit discharges / connections / dumping</p> <p>Illicit discharges / connections / dumping found during a proactive inspection</p> <p>Number of enforcement referrals</p> <p>Year 1 ONLY: Attach the written proactive inspection program plan</p>		0			Currently implementing inspection and tracking procedures.
		0			
		0			
<p>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 FDOT MS4 within the FDOT right-of-way, 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 investigations conducted, the number of illicit activities found, and the number of enforcement referrals completed.</p>					
<p>Reactive investigations of reports of suspected illicit discharges/ connections / dumping</p> <p>Illicit discharges / connections / dumping found during a reactive investigation</p> <p>Number of enforcement referrals</p>		42	FDOT Tracker – Citizen Complaint Log	PBOC Maintenance Personnel and Approved Contractors	March 2011 – September 2011
		32			
		0	FDOT D4 issued letters on file	NPDES MS4 Coordinator	No enforcement referrals during the reporting period.
<p>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) <u>and contractors</u> 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).</p> <p><i>DEP Note: If "0" is reported for either reporting item, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training was previously provided / obtained, and the names of the personnel and contractors previously trained.</i></p>					

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		Initial Training	Refresher Training				
	Personnel trained	74			Sign-in Sheet	E Sciences, Incorporated	IDDE training was completed August 25, 2011
	Contractors trained	0					FDOT is evaluating options for providing and tracking training for contractors.
Part III.A.7.d	Illicit Discharges and Improper Disposal — Spill Prevention and Response						
	<p>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.</p> <p><i>DEP Note: The permittee may report the number of hazardous material spills separately from the number of non-hazardous material spills, or report one combined number, to more accurately reflect its tracking of these spills.</i></p>						
	Hazardous and non-hazardous material spills responded to	12	Spill Response Spreadsheet and FDOT Tracker – Citizen Complaint Log	PBOC Maintenance Personnel and Approved Contractors	March 2011 – September 2011		
	<p>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).</p> <p><i>DEP Note: If "0" is reported for either reporting item, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training was previously provided / obtained, and the names of the personnel and contractors previously trained.</i></p>						
		Initial Training	Refresher Training				
	Personnel trained	72			FDOT TRESS System; Course # ST-09=0018	D4 Personnel	Hazardous Materials Annual Training
	Contractors trained	0					FDOT is evaluating options for providing and tracking training for contractors.

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Part III.A.7.e	Illicit Discharges and Improper Disposal — Public Reporting				
	{Not Applicable to FDOT}				
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control				
	<p>Begin to include a notice with each FDOT Drainage Connection Permit with information on used oil recycling, proper hazardous waste disposal, stormwater regulations, and spill reporting. Report the number of notices distributed.</p> <p><i>DEP Note: If "0" is reported in Column C, please include in Column F an explanation for why no notices were distributed. If the number of notices distributed is different than the number of DCPs issued, please include in Column F an explanation for this difference.</i></p>				
	Number of notices distributed	34	FDOT NPDES MS4 Information Sheet; PITS Report: Permits Listing	D4 Permits Office	FDOT NPDES MS4 Information Sheet distributed with approved DCP.
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				
	Advise the appropriate utility owner of a violation if constituents common to wastewater contamination are discovered in FDOT's MS4. Report the number of violations referred to the appropriate utility owner and the name of the utility owner.				
	Number of violations referred to the appropriate utility owner	0	FDOT D4 issued letters on file	NPDES MS4 Coordinator	No enforcement referrals during the reporting period.
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections				
	<p>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:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p><i>DEP Note: The TRI is updated every spring / summer by the U.S. EPA at www.epa.gov/triexplorer. Select "Facility" on the left, chose your Geographic Location, and then select "Generate Report." Please indicate in Column F when (month / year) you last checked EPA's TRI for applicable facilities.</i></p> <p><i>DEP Note: The total number of high risk facilities reported needs to equal the sum of the numbers of the four types of applicable facilities.</i></p>				

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																																																
	<p>During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facility outfalls to the FDOT MS4 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's outfall(s) 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 facility inspection program, including the number of outfall inspections conducted and the number of enforcement referrals completed.</p> <p><i>DEP Note: If "0" is reported for the number of outfall inspections conducted and the permittee has one or more high risk facilities, please provide an explanation in Column F for why no inspections were conducted.</i></p> <table border="1" data-bbox="216 544 1801 1023"> <thead> <tr> <th data-bbox="216 544 810 630"></th> <th data-bbox="810 544 976 630">Number of Facilities</th> <th data-bbox="976 544 1142 630">Number of Inspections</th> <th data-bbox="1142 544 1325 630">Number of Enforcement Referrals</th> <th data-bbox="1325 544 1575 630"></th> <th data-bbox="1575 544 1801 630"></th> </tr> </thead> <tbody> <tr> <td data-bbox="216 630 810 657">Total high risk facilities</td> <td data-bbox="810 630 976 657">0</td> <td data-bbox="976 630 1142 657"></td> <td data-bbox="1142 630 1325 657"></td> <td data-bbox="1325 630 1575 657"></td> <td data-bbox="1575 630 1801 657"></td> </tr> <tr> <td data-bbox="216 657 810 711">New high risk facilities added to the inventory during the current reporting period</td> <td data-bbox="810 657 976 711">0</td> <td data-bbox="976 657 1142 711"></td> <td data-bbox="1142 657 1325 711"></td> <td data-bbox="1325 657 1575 711"></td> <td data-bbox="1575 657 1801 711"></td> </tr> <tr> <td data-bbox="216 711 810 738">Operating municipal landfills</td> <td data-bbox="810 711 976 738">0</td> <td data-bbox="976 711 1142 738"></td> <td data-bbox="1142 711 1325 738"></td> <td data-bbox="1325 711 1575 738"></td> <td data-bbox="1575 711 1801 738"></td> </tr> <tr> <td data-bbox="216 738 810 797">Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities</td> <td data-bbox="810 738 976 797">0</td> <td data-bbox="976 738 1142 797"></td> <td data-bbox="1142 738 1325 797"></td> <td data-bbox="1325 738 1575 797"></td> <td data-bbox="1575 738 1801 797"></td> </tr> <tr> <td data-bbox="216 797 810 855">EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)</td> <td data-bbox="810 797 976 855">0</td> <td data-bbox="976 797 1142 855"></td> <td data-bbox="1142 797 1325 855"></td> <td data-bbox="1325 797 1575 855"></td> <td data-bbox="1575 797 1801 855"></td> </tr> <tr> <td data-bbox="216 855 810 938">Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c</td> <td data-bbox="810 855 976 938">0</td> <td data-bbox="976 855 1142 938"></td> <td data-bbox="1142 855 1325 938"></td> <td data-bbox="1325 855 1575 938"></td> <td data-bbox="1575 855 1801 938"></td> </tr> <tr> <td data-bbox="216 938 810 1023">Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)</td> <td data-bbox="810 938 976 1023">0</td> <td data-bbox="976 938 1142 1023"></td> <td data-bbox="1142 938 1325 1023"></td> <td data-bbox="1325 938 1575 1023"></td> <td data-bbox="1575 938 1801 1023">No high risk facilities discharge to FDOT's MS4.</td> </tr> </tbody> </table>		Number of Facilities	Number of Inspections	Number of Enforcement Referrals			Total high risk facilities	0					New high risk facilities added to the inventory during the current reporting period	0					Operating municipal landfills	0					Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0					EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)	0					Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c	0					Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)	0				No high risk facilities discharge to FDOT's MS4.				
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Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries																																																				
	{Not Applicable to FDOT}																																																				
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices																																																				
	Employ FDOT Drainage Connection Permit (DCP) conditions that include the use of stormwater, erosion, and sedimentation control BMPs during construction to reduce pollutants to the MS4 and receiving waters. Report the number of permits issued.																																																				
	Number of DCPs issued	34	PITS Report: Permits Listing	D4 Permits Office	March 2011 – September 2011																																																
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																																																				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments																	
	<p>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.</p> <p><i>DEP Note: For FDOT, privately-operated sites are those sites within FDOT's right-of-way that were issued a Drainage Connection Permit (DCP) and the inspections are outfall inspections, not site inspections. In addition, FDOT should re-word the "Corrective action notices issued" reporting item to more accurately reflect its particular initial action taken when violations are found at FDOT-operated construction sites, if necessary.</i></p> <p><i>DEP Note: If "0" is reported in Column C for the number of inspections conducted, please provide an explanation in Column F of why no inspections were conducted. If the number of inspections reported is equal to or less than the number of active construction sites, or the percentage inspected is less than 100%, please provide an explanation in Column F.</i></p> <p><i>DEP Note: Refer to Part III.A.9.b of the permit for what must be included in the construction site inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.</i></p> <table border="1" data-bbox="218 678 1096 1133"> <thead> <tr> <th colspan="2">PERMITTEE SITES: Active construction sites</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>D4 Construction Monthly Progress Reports</td> </tr> <tr> <td>39</td> <td rowspan="2">D4 Construction Storm Water Inspection Report</td> </tr> <tr> <td>100</td> </tr> <tr> <td>22</td> <td>PERMITTEE SITES: Corrective actions identified</td> </tr> <tr> <td>34</td> <td>PRIVATE SITES: Active construction sites</td> </tr> <tr> <td>34</td> <td>PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs</td> </tr> <tr> <td>100</td> <td>PRIVATE SITES: Percentage of active construction sites inspected</td> </tr> <tr> <td>0</td> <td>PRIVATE SITES: Number of enforcement referrals</td> </tr> </tbody> </table> <p>Year 1 ONLY: Attach the written construction site inspection program plan</p>	PERMITTEE SITES: Active construction sites		22	D4 Construction Monthly Progress Reports	39	D4 Construction Storm Water Inspection Report	100	22	PERMITTEE SITES: Corrective actions identified	34	PRIVATE SITES: Active construction sites	34	PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs	100	PRIVATE SITES: Percentage of active construction sites inspected	0	PRIVATE SITES: Number of enforcement referrals				<p>March 2011 – September 2011</p> <p>March 2011 – September 2011</p> <p>No enforcement referrals during the reporting period.</p>
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0	PRIVATE SITES: Number of enforcement referrals																					
Part III.A.9.c	Construction Site Runoff — Site Operator Training																					
	<p>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 <u>or under contract with</u> 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. 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.</p> <p><i>DEP Note: If "0" is reported for any of these reporting items, please include in Column F an explanation of why training was not provided to / obtained by the permittee's staff during the applicable reporting year.</i></p>																					

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	
	<p><i>DEP Note: The permittee should report only the number of staff and private persons (i.e., private construction site operators) trained / certified during the applicable reporting year, and then note in Column F the number of staff and private persons who were previously trained / certified. Private site operator training can include pre-construction meetings.</i></p>							
		Certification Training	Initial Training (non-certification)	Refresher Training				
	Permittee construction site inspectors	10				Memorandum: Certified Inspector Count	FDEP Certified Trainer	March 2011 – September 2011
	Permittee construction site plan reviewers	0						
	Permittee construction site operators	6						
Private persons	0						FDOT is evaluating options for providing and tracking training for contractors.	

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

A.	Permit Citation/ SWMP Element	<p>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.</p> <p><i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i></p>
B.	Permit Citation/ SWMP Element	<p>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)</p> <p><i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i></p>

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
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.1	EACH ANNUAL REPORT: An explanation of why the minimum inspection frequency in Table II.A.1.a or in a revised/approved FDOT SSWMP, was not met, if applicable.	1	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Part V.B.9	EACH ANNUAL REPORT: Reporting and assessment of monitoring results. [Also addressed in Section III of the Annual Report Form]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part VI.B.2	EACH ANNUAL REPORT: An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, <u>at a minimum</u> , must include responses to the questions listed in the permit.	2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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).		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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).	3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	YEAR 1: A proactive illicit discharge / connection / dumping inspection program plan.	4	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.b	YEAR 1: A construction site inspection program plan. [For approval by DEP]	5	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Part V.B.3	YEAR 4: The monitoring plan (with revisions, if applicable).		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Part VII.C	YEAR 4: An application to renew the permit.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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 <u>new</u> written SOP / Plan	Reviewed & <u>no revision needed</u> to existing SOP / Plan	Reviewed & <u>revised</u> existing SOP / Plan	Permit Citation	Description of Required SOPs / Plans
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.1	SOP and/or schedule of inspections and maintenance activities of the structural controls and roadway stormwater collection system.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for the litter control program.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for the street sweeping program.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for inspections of equipment yards and maintenance shops that support road maintenance activities.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.5	SOP for inspections of waste treatment, storage, and disposal facilities not covered by an NPDES stormwater permit.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	Plan for proactive illicit discharge / connections / dumping inspections.*
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	SOP for reactive illicit discharge / connections / dumping investigations.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	Plan for illicit discharge training.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.d	SOP for spill prevention and response efforts.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.d	Plan for spill prevention and response training.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.8	SOP for inspections of high risk industrial facility outfalls.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.b	Plan for inspections of construction sites.*
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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 SEPARATELY 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

Minimum Inspection Frequencies

Inspection and maintenance information for stormwater structural control elements including weirs, control structures, pipes, culverts, inlets, catch basins, grates, ditches and other stormwater conveyances that do not represent water quality treatment elements that is included in this annual report. This information represents the level of effort as prescribed in the Florida Department of Transportation (FDOT) Maintenance Rating Program (MRP) as well as additional maintenance activities recorded in FDOT's Maintenance Management System (MMS). Pursuant to agreement reached between FDOT and Florida Department of Environmental Protection (FDEP) management in meetings held on April 12, 2011 and May 23, 2011, and as memorialized in the FDOT Statewide Stormwater Management Plan submitted to FDEP on December 29, 2011, for purposes of this permit MRP represents an acceptable level of effort for inspection and maintenance activity for the aforementioned stormwater structural control elements on a statewide basis.

ATTACHMENT 2

Evaluation of SWMP Effectiveness

1. Have stormwater pollutant loadings discharged from the MS4 decreased? Why or why not?

Yes. Stormwater treatment has been added to MS4 on several FDOT projects.

2. Which components of the SWMP are working well and are effective in reducing stormwater pollutant loadings? Why are they effective?

FDOT-4 has not conducted empirical studies, however, based on other studies and observations:

- *Adopt-a-Highway: Volunteers always report finding and picking up litter*
- *Street sweeping: Contractors always report collecting and properly disposing of sweeping materials. FSA study demonstrated effectiveness of street sweeping.*
- *Construction inspections: Non-compliance items are found and corrective actions that are required are performed*

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?

None known.

4. Which components of the SWMP do not contribute to reducing stormwater pollutant loads and could be revised or eliminated, and why?

FDOT has a robust inspection program that has been in place for a number of years. While there is always room for improvement, requirements to inspect conveyance structures that do not affect treatment could be eliminated. Blockages generally become apparent by failure of the system upstream. The cost of inspecting miles of pipe may not justify the benefit, and the money spent on conveyance inspections could be more effective if used on treatment systems.

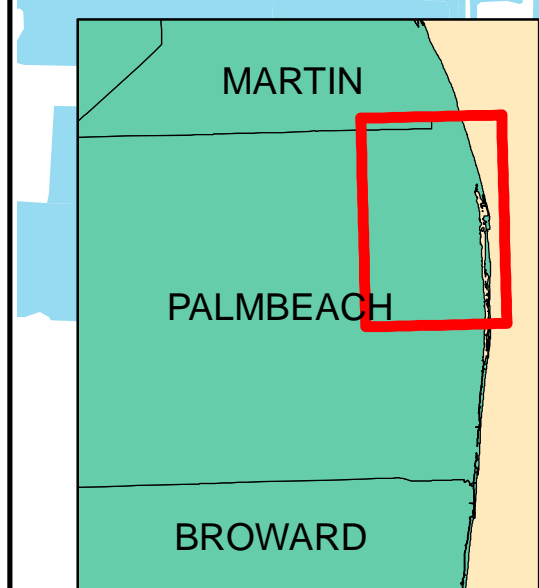
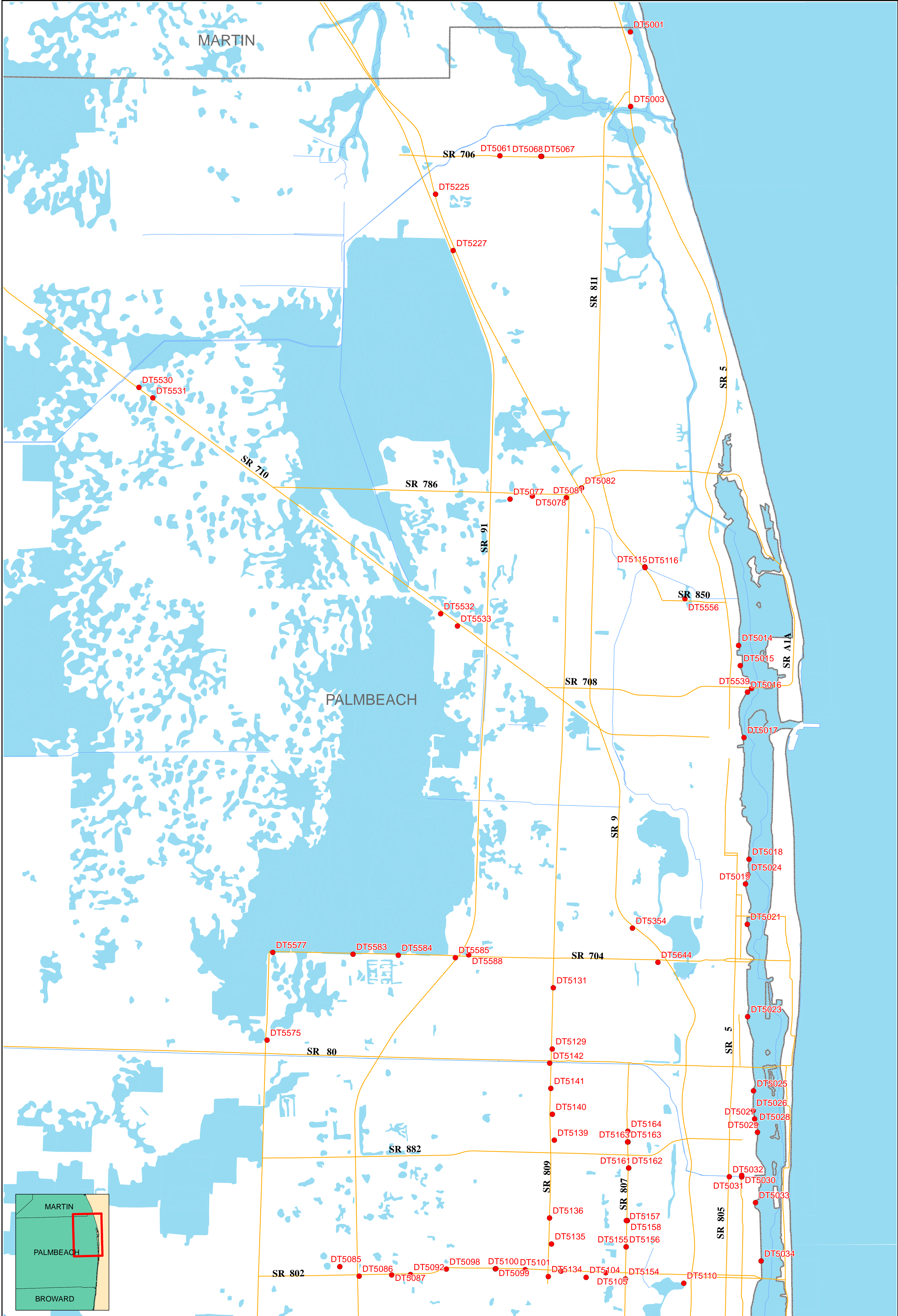
5. Is the monitoring program providing data that can be used to assess the effectiveness of the SWMP in reducing stormwater pollutant loadings, assess the effectiveness of specific BMPs, and determine where stormwater retrofitting projects should be prioritized for implementation?

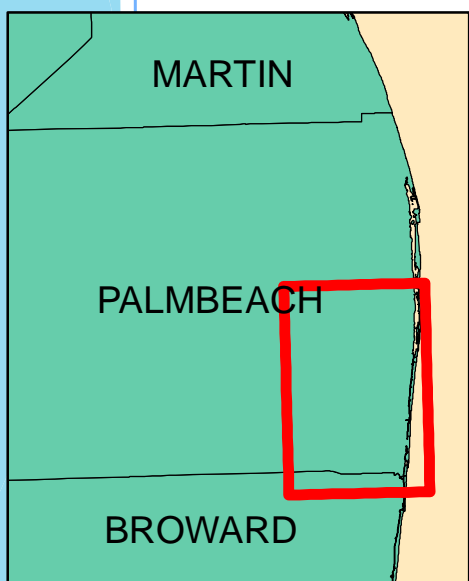
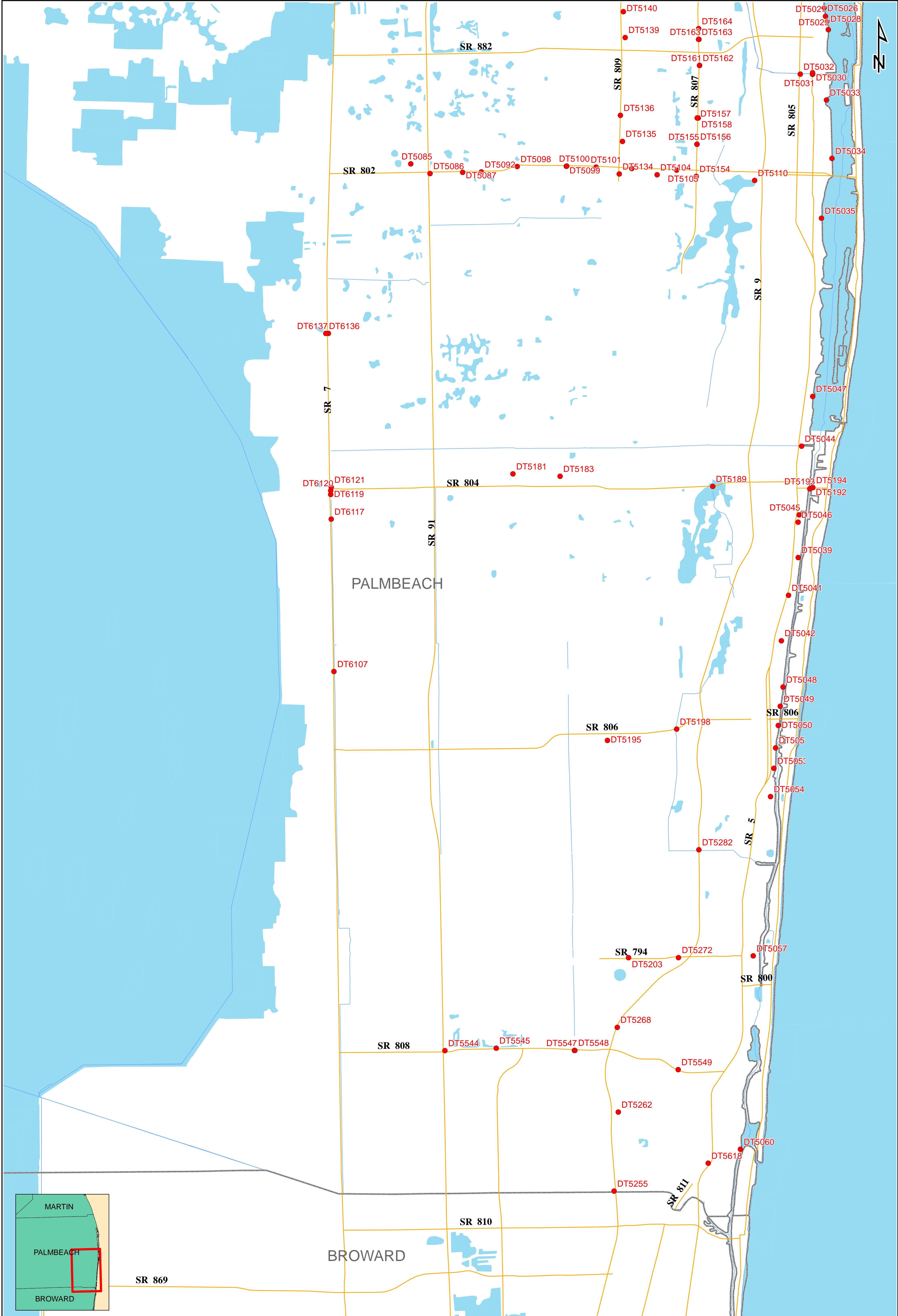
Yes. Palm Beach County has an extensive monitoring program, with several stations in each watershed basin. This allows the County to identify areas that may require additional monitoring to better evaluate, and therefore treat or eliminate, sources.

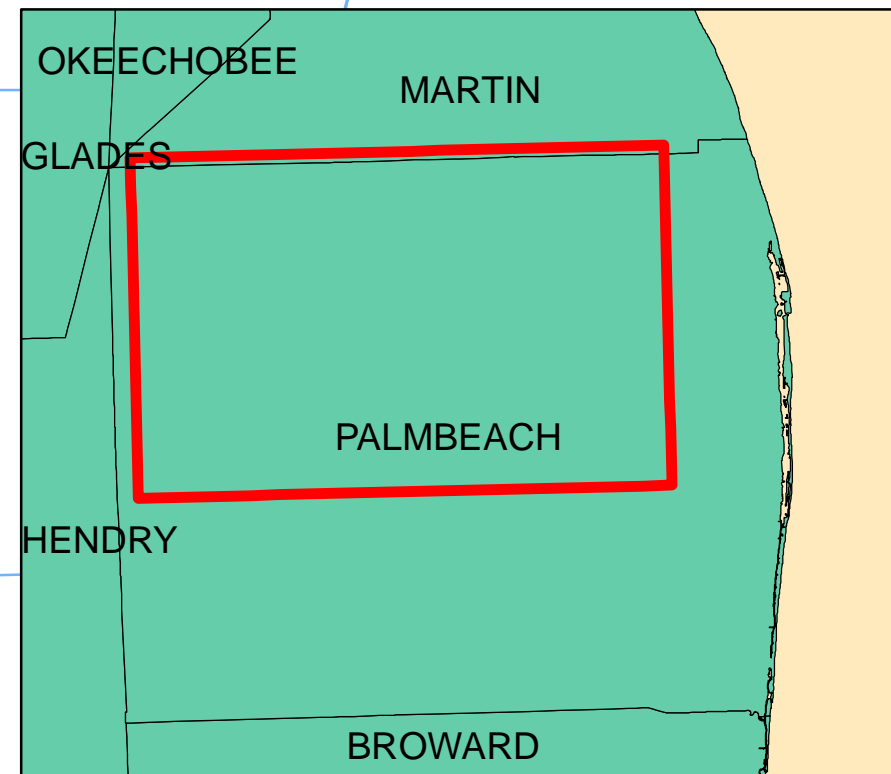
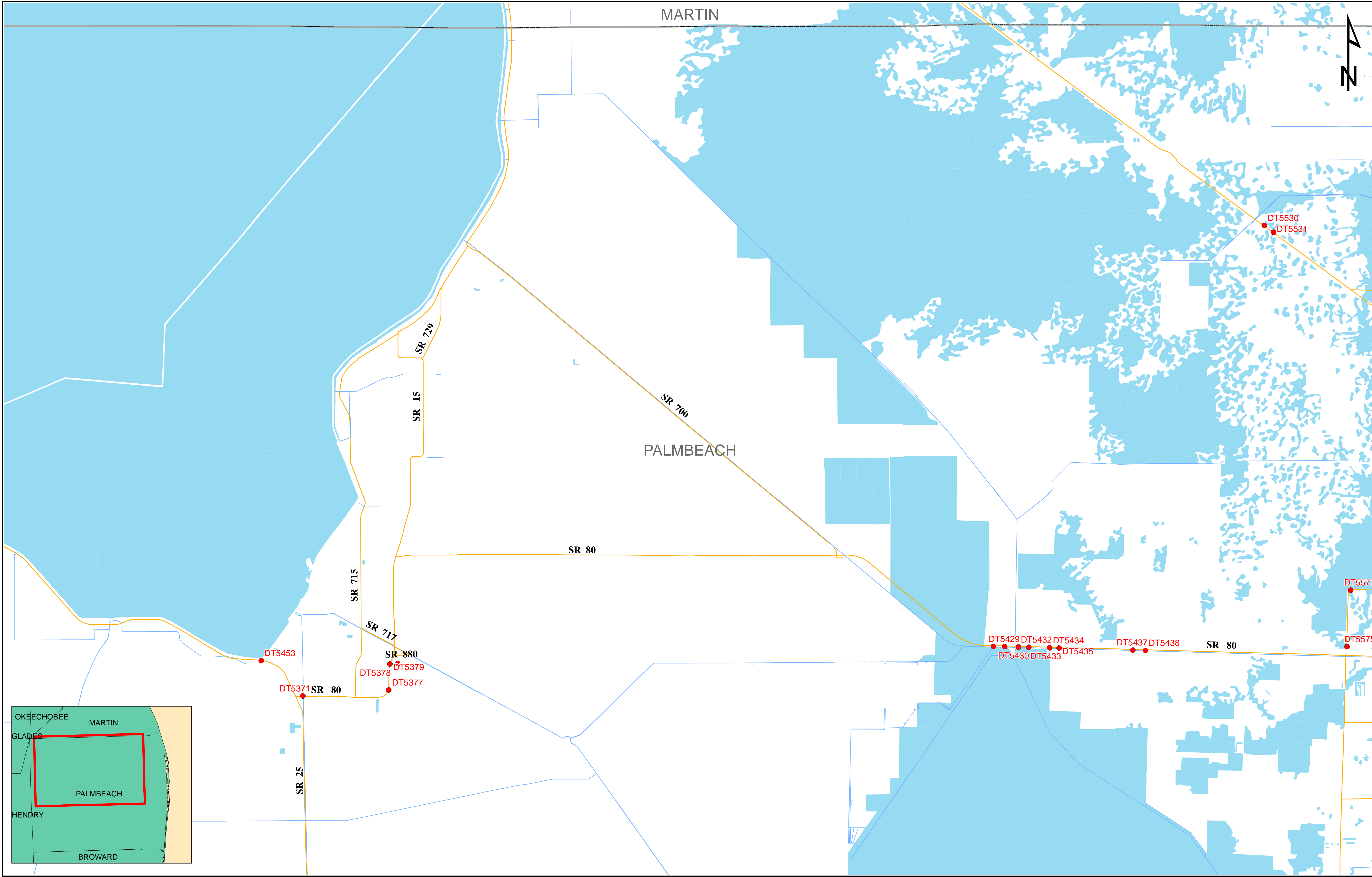
ATTACHMENT 3

Major Outfall Inventory Maps

(see attached figures)







E Sciences
E Sciences, Incorporated
FL Engineering Lic. #6611
5310 N.W. 33rd Ave., Ste 201
Fort Lauderdale, FL 33309
www.esciences.com
Phone: 954-484-9500
Fax: 954-484-5146

DRAWN BY: NE	CHECKED BY:	PROJECT NUMBER: 2-4428-047
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FDOT District Four
Palm Beach County

Major Outfalls

SCALE: 1"=42,273.48916' DATE: 3/8/2012

FIGURE

3

ATTACHMENT 4

Proactive Inspection Program

Section III.A.7.c – Illicit Discharges and Improper Disposal – Inspection and Investigation of Suspected Illicit Discharges and/or Improper Disposal

Procedures:

- FDOT implements its MRP/MMS program throughout the State of Florida and this program provides significant coverage of the FDOT MS4. The fundamental component of the proactive illicit discharge program (i.e., inspectors visiting all areas of the MS4) is achieved through the MRP/MMS program.
- FDOT's Proactive Illicit Discharge Program will utilize this existing infrastructure through the implementation of a two-tier program:
 - Tier 1 includes basic training for the appropriate MRP/MMS personnel. Training in the identification and reporting of potential illicit discharges will be provided on an annual basis. These personnel will be instructed to report potential discharges to District NPDES staff.
 - Tier 2 includes comprehensive training for the District NPDES. When a potential illicit discharge to the FDOT MS4 is reported, the District NPDES staff will conduct a complete inspection of the discharge, including documentation and appropriate reporting to FDEP or appropriate co-permittee. If it is determined that constituents common to wastewater are found within the discharge, the discharge will be reported to the appropriate local utility responsible for wastewater treatment in the area.
- If an illicit discharge is found outside of the FDOT right-of-way, FDOT will report it to the applicable MS4 operator, FDEP or WMD for further investigation and enforcement action.
- FDOT will report the number of proactive inspections conducted, illicit discharges/connections/dumping found, and enforcement referrals resulting through the inspection program described above as part of the annual report.

ATTACHMENT 5

Construction Site Runoff Inspection Program

Part III.A.9.b – Construction Site Runoff – Inspection and Enforcement

Procedures:

1. FDOT inspects both permittee-operated and privately-operated construction projects.
 - a. For permittee-operated projects, FDOT tracks projects and their activities in Monthly Construction Reports.
 - b. For privately-operated construction projects, FDOT tracks projects using their Drainage Connection Permits (DCPs).
 - c. These systems are used to:
 - i. Track number of active construction sites;
 - ii. Track outfalls added or removed from NPDES database; and
 - iii. Add NPDES assets to database.
2. Site are inspected at least three times:
 - a. At start of project, before construction starts;
 - b. During construction; and
 - c. At completion of construction.
3. Sites are inspected more frequently during construction if conditions warrant. Conditions that would warrant more frequent inspections may include, but not be limited to:
 - a. Proximity to ecologically sensitive areas, such as wetlands or Outstanding Florida Waters;
 - b. Historic non-compliance issues; or
 - c. Technically difficult site (ex: in tidal area).
4. Inspection reports are completed for each inspection:
 - a. See Attachment A for details regarding what is included in each permittee-operated inspection.
 - b. See Attachment B for details regarding what is included in each privately-operated inspection.
5. When applicable, inspection reports include list of Corrective Actions needed, with date by which proof of completion of correction action is due.

ATTACHMENT A

ATTACHMENT A

Construction Storm Water Inspection Report

Subject: FM:
 [Project Name]
 FDOT District Four

General Information				
Description/Activity:	Contractor:	Inspection Date:		
	Water Management District/ County:	Inspector Name:		
		Phone Number:		
		Cell:		
		Fax:		
		Email:		
Contract Date:	Permits:	On file:	Posted:	Notice of Commencement:
Construction Start Date:	<input type="checkbox"/> WMD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Estimated Completion Date:	<input type="checkbox"/> USACE	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> USCG	<input type="checkbox"/>	<input type="checkbox"/>	
Attendees:				
Weather Conditions:				

On-Site Documentation Review				
NPDES NOI:	On file:	Posted:	Weekly Inspection Reports	SWPPP
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOC:	<input type="checkbox"/>	<input type="checkbox"/>	24 Hour Inspection Report	Updates
(Notice of Coverage)			<input type="checkbox"/>	<input type="checkbox"/>
			Rainfall Logs	Erosion Control Plan
			<input type="checkbox"/>	<input type="checkbox"/>
			Turbidity Report	Outfall structure
			<input type="checkbox"/>	Lat/Long
				<input type="checkbox"/>
Comments:				

Field Inspection

Rain Gage Present: Yes No

Receiving water body:

Discharge Locations:

Dewatering? Yes No

If Yes, Location:

Type of dewatering

Well point Sock filter Sump water

Action item:

No actions required at this time.

Perimeter Controls:

Type of measures

Silt fence Staked turbidity barrier Floating turbidity barrier
 Riprap Sod Other _____

Action item:

Two areas along the southern perimeter of the project have floating turbidity barriers requiring maintenance to be effective (see Photos 1 and 2).

Source Controls:

Type of measures

Silt fence Staked turbidity barrier Floating turbidity barrier
 Erosion control mats Sand bags Ditch blocks
 Temporary sod Permanent sod Inlet protection
 Sediment basin Floc logs Slope drains
 Gabion baskets Hay bales Other _____

Action item:

Hazardous Materials Storage: Yes No

Secondary Containment:

Double-lined tank:

Biodegradable fuel:

Action item:

Installation Methods and Proper Maintenance of Erosion and Sediment Control Measures:

	Satisfactory	Unsatisfactory
Installation	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance	<input type="checkbox"/>	<input type="checkbox"/>
Storage of equipment and materials	<input type="checkbox"/>	<input type="checkbox"/>
Location and condition of entrance roads	<input type="checkbox"/>	<input type="checkbox"/>
Other <u>Manatee protection</u>	<input type="checkbox"/>	<input type="checkbox"/>

Action item:

If any noncompliance issues are observed during the field visit, please take corrective actions within 48 hours. Contact [NAME] (via fax or email) within 5 business days of receipt of this report with confirmation that the non-compliance issues have been addressed.

General Comments:

ATTACHMENT B

ATTACHMENT B



DISTRICT 4 FDOT PALM BEACH OPERATIONS CENTER
PERMITS OFFICE

7900 FOREST HILL BLVD. WEST PALM BEACH, FL 33413
PHONE: 561-432-4966 FAX: 561-432-4642

Stormwater / Construction Site Inspection Form for NPDES compliance

Site: _____ Date of Inspection: _____

Address/Section: _____

Conveyance Type: _____ Receiving water body: _____

Contractor/ Permit holder: _____ Inspector: _____

Initial / Progress/ Final

Type of Inspection

YES NO N/A

Erosion & Sedimentation Controls are installed as shown on plan.

Erosion is being controlled on site.

Sedimentation is being contained on site.

No indication of sedimentation leaving the site.

Are past inspection forms, site plans & permits on site & available.

Any Prior non-compliance issues have been addressed.

All other sources of pollution are being controlled.

Comments:
