



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 email to the NPDES Stormwater Program Administrator or to the MS4 coordinator (<http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm>). Files larger than 10MB may be placed on the FTP site at: ftp://ftp.dep.state.fl.us/pub/NPDES_Stormwater/. After uploading files, email the MS4 coordinator or NPDES Program Administrator to notify them the report is ready for downloading; or 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 3585
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

SECTION I. BACKGROUND INFORMATION

A.	Permittee Name: Florida Department of Transportation - District Four		
B.	Permit Name: Palm Beach County MS4		
C.	Permit Number: FLS000018-004		
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): 10/ 2016 through 09 / 2017		
F.	Name of the Responsible Authority: Morteza Alian, P.E.		
	Title: District Four Maintenance Engineer		
	Mailing Address: 3400 W Commercial Blvd		
	City: Fort Lauderdale	Zip Code: 33309	County: Broward
	Telephone Number: 954-777-4644	Fax Number: 954-777-4223	
	E-mail Address: Morteza.Alian@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 Permitting		
	Mailing Address: 3400 W Commercial Blvd		
	City: Fort Lauderdale	Zip Code: 33309	County: Broward
	Telephone Number: 954-777-4221	Fax Number: 954-777-7893	
	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. PART V.B. ASSESSMENT PROGRAM

A.	<p>Provide a brief statement as to the status of water quality monitoring plan implementation. Status may include sampling frequency changes, monitoring location changes, or sampling waiver conditions. <i>DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.</i></p> <p>Name and date of the approved plan: <i>Current approved plan for the Group Monitoring Plan is September 8, 2016 (with issuance of the Cycle 4 permit). Our newly-developed, individual Assessment Plan was submitted on 9/8/17.</i></p> <p>Status: <i>The Group Monitoring Report is included in the Cycle 4, Year 1 Joint Annual Report. The newly-developed, individual Assessment Plan is awaiting approval by FDEP.</i></p>
B.	<p>Provide a brief discussion of the monitoring and loading results to date which includes a summary of the water quality monitoring data and / or stormwater pollutant loading changes from the reporting year. <i>DEP Note: Results must be specific to the permittee's SWMP.</i></p> <p><i>Please refer to the Cycle 4, Year 1 Joint Annual Report for a summary of the Group's water quality monitoring results for the reporting period. Refer to the Cycle 3, Year 6 Joint Annual Report for proposed pollutant loading analysis changes. The best available information on existing pollutant loading estimates is documented in the Cycle 3, Year 3 Joint Annual Report.</i></p> <p><i>The newly-developed, individual Assessment Plan is under review by FDEP and will be implemented upon approval. Per the Cycle 3 Year 3 Joint Annual Report, it appears the DO concentrations are meeting the State Water Quality Standards and are improving. The TN and TP concentrations also appear to be improving in most watersheds. Note that in future reporting years, the Group's water quality monitoring data for the reporting period may not be available for 4 to 6 months after the reporting period has ended. Consequently, any water quality data from the Group Program that is used as part of an individual permittee's Assessment Plan for the reporting period, will be based on the previous year's data.</i></p>
C.	<p>Attach a monitoring data summary, as required by the permit. An analysis of the data discussing changes in water quality and/or stormwater pollutant loading from previous reporting years. <i>DEP Note: Analysis must be specific to the permittee's SWMP.</i></p> <p><i>See response for Section III.B., above.</i></p>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$2,743,724.72
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$2,065,000.00
C.	<p>Did subsequent program resources decrease from the current reporting period? Y <input checked="" type="checkbox"/> / N <input type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p> <p><i>FDOT budgets are legislatively approved on an annual basis. Each FDOT District has a portion of the budget allocated for the NPDES stormwater management program that is utilized to support several permit compliance activities. Additional funding for compliance activities is provided through other FDOT programs (e.g., routine maintenance activities for the stormwater system are conducted by the District Maintenance Office). The total budget for the subsequent reporting year includes only the portion of funding secured for the NPDES stormwater management program. Additional expenditures accrued through other programs (e.g., by the District Maintenance Office for routine maintenance activities) are estimated based on the work completed during the reporting period and included in the total expenditures for the current reporting year.</i></p>

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	Required Attachments	Permit Citation	Attachment Number/Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.	Part III.A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.	Part II.F	See section IV.C
<input type="checkbox"/>	<input checked="" type="checkbox"/>	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A list of the flood control projects that did not include stormwater treatment and an explanation for each of why it did not (if applicable).	Part III.A.4	Attachment 1
<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.	Part VI.B.2.	See NPBCID Annual Report
<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.	Part III.A.1	Attachment 2
<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.	Part V.A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7.a	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. <ul style="list-style-type: none"> The monitoring plan (with revisions, if applicable). 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 Part V.A.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: TMDL Supplemental SWMP (if applicable).	Part VIII.B.3	

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): Morteza Alian, P.E.




Title: District Four Maintenance Engineer

Signature:  Date: 03/13/2018


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									
<p>Report the current known inventory.</p> <p>Report the number of inspection and maintenance activities conducted for each applicable 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.</p> <p><i>Note: Delete structures that are not in your MS4's inventory. 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>										
Type of Structure		Number of Structures	Number of Inspections	Percent Inspected	Number of Maintenance Activities	Percent Maintained				
Dry retention systems Inventory/Inspection = count Maintenance = acres		152	1,826	100	3,793		FDOT's GIS Database NPDES Inspections – MMS Activity Codes 432, 433, 436, 451, 471, 482, 485, 498	E Sciences, Inc. PB Ops (FDOT – 4 Palm Beach Operations Center) Maintenance Personnel and Approved Contractors	Inspections are performed in accordance with Part III.A.1 of the NPDES MS4 permit and the FDEP approved FDOT SSWMP. French drain inspections carried over into year 2 and will be reported with 2019 report.	
Underdrain filter systems Inventory/Inspection = count Maintenance = linear feet		0	0	0	0					
Exfiltration trench / French drains Inventory/Inspection = count Maintenance = linear feet		641	29	.05	4,777					
Grass treatment swales Inventory/Inspection = count Maintenance = acres		749	9,045	100	3,820					
Dry detention systems Inventory/Inspection = count Maintenance = acres		38	468	100	3,793					
Wet detention systems Inventory/Inspection = count Maintenance = acres		29	353	100	3,793					
Detention with filtration systems Inventory/Inspection = count Maintenance = acres		0	0	0	0					
Alum Injection systems Inventory/Inspection = count Maintenance = acres		0	0	0	0					
Pollution control boxes Inventory/Inspection = count Maintenance = acres		60	76	100	7,166					PCBs are inspected

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	Maintenance = linear feet Pump stations								in accordance with Part III.A.1 of the permit and FDOT -4's SOPs.
		0	0	0	0		NA	NA	No known pump stations.
	Major outfalls Inventory/Inspection = count Maintenance = linear feet	217	123		57	19,124	FDOT's GIS Database NPDES Inspections & MRP MMS Activity Codes 451 & 464	E Sciences, Inc. PB Ops Maintenance Personnel and Approved Contractors	Inspections completed per Section 3.1.2 of FDOT SSWMP and FDOT-4's SOPs.
	Weirs or other control structures Inventory/Inspection = count Maintenance = linear feet	207	29	14	8,021		FDOT's GIS Database MRP MMS Activity Codes 451 & 457	PB Ops Maintenance Personnel and Approved Contractors	Inspections completed per Section 3.1.2 of FDOT SSWMP
	pipes / culverts Inventory = feet Inspection = count Maintenance = linear feet	189,230	26		12,324		RCI Feature 241 MRP MMS Activity Codes 451 & 456		
	Canals	0	0	0	0				
	Inlets / catch basins / grates Inventory/Inspection = count Maintenance = linear feet	14,057	62		1	12,798	RCI Feature 242 MRP		

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	<p align="center">Ditches / conveyance swales Inventory = miles Inspection = count Maintenance = acres</p>						MMS Activity Codes 451 & 457		
	<p align="center">If the minimum inspection frequencies set forth in Table II.A.1.a. of the permit or the SSWMP 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>	311.752	85		3,829		RCI Features 245 & 248 MRP MMS Activity Codes 432, 433, 436, 461, 471, 482, 485 and 498		
		<input type="checkbox"/>							

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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.1 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: FDOT District Four has a robust inspection and maintenance program for stormwater treatment facilities and conveyance structures that has been in place for many years. It is designed to identify issues and rectify them to ensure proper function of treatment systems and structures. Stormwater facilities and conveyance structures are inspected routinely and maintained consistent with the Department's SSWMP.				
	Limitations: None at this time.				
	SWMP revisions implemented to address limitations: None at this time.				
Part III.A.2	Areas of New Development and Significant Redevelopment				
	Continue to employ the FDOT Drainage Connection Permit 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 appropriate 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 completed	0	FDOT D4 Issued letters on file	NPDES MS4 Coordinator	No enforcement referrals during the reporting period.
Part III.A.2 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: FDOT District Four ensures off-site facilities meet existing water quality standards, reviews connections to FDOT's right-of-way through Drainage Connection Permits (DCPs), and refers connecting entities failing to meet DCP requirements to the appropriate regulatory agency.				
	Limitations: None at this time.				
	SWMP revisions implemented to address limitations: None at this time.				
Part III.A.3	Roadways				
	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>Note: The permittee does not contract activities, delete CONTRACTOR activities.</i>				
	PERMITTEE Litter Control: Frequency of litter collection (cycles)	12	Disposal Tickets FDOT Palm Beach Operations Litter – Debris Disposal Log	PB Ops Maintenance Personnel	The difference in the amount collected per acre by the permittee and the contractor is the result
	PERMITTEE Litter Control: Estimated amount of area maintained (acres)	194	MMS Activity Code 541 Production Summary		
	PERMITTEE Litter Control: Estimated amount of litter collected (tons)	157	Disposal Tickets		

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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: Frequency of litter collection (cycles)	490	FDOT Palm Beach Operations Litter – Debris Disposal Log		of several variables such as land use, special events, and supplement al street sweeping. Please see FDOT's Broward County Cycle 3 Year 1 RAI Response for additional details.		
	CONTRACTOR Litter Control: Estimated amount of area maintained (acres)	88,939	Disposal Tickets				
	CONTRACTOR Litter Control: Estimated amount of litter collected (tons)	548	MMS Activity Code 541 Contract Summary	PB Ops Approved Contractors			
	OPTIONAL: 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. If you do not participate in an Adopt-A-Road program, report "0".						
	Adopt-A-Road: Total miles cleaned		345	Adopt-A-Highway Yearly Report		Volunteers	
	Adopt-A-Road: Estimated amount of litter collected (bags)		707				
	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 and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F.						
	Frequency of street sweeping (cycles)		25	Contract		PB Ops	

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	Total miles swept (per year)	7,052	MMS Activity Codes 542 & 543	Personnel and Approved Contractors	Based on the Broward County Year 2 audit, FDOT does not report estimated quantity collected as it is not an accurate representat ion of amount collected from FDOT ROW.	
	Total phosphorous loadings removed (pounds)	2,510	FSA Toolkit Calculator	Calculated		
	Total nitrogen loadings removed (pounds)	3,914	FSA Toolkit Calculator			
	Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.					
	Name of Facility		Number of Inspections			
	Palm Beach Maintenance Yard		1		Inspection Report	E Sciences, Inc. Inspection performed 8/30/2017.


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Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: FDOT District Four has a robust and active roadway management program that has been in place for many years, which includes public participation and awareness in events such as Adopt-A-Highway, litter pick-up, and street sweeping, as well as annual inspections of its maintenance yards. FDOT has been updating contracts to include quantity of litter collected.				
	Limitations: None at this time.				
	SWMP revisions implemented to address limitations: None at this time.				
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 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	2	FDOT -4 Monthly Construction Reports and Projects Completed by Pushbutton Contracts	FDOT -4 Construction Office and FDOT -4 Drainage Department	
	Flood control projects completed that did <u>not</u> include stormwater treatment	2	Project Summaries	E Sciences, Inc.	
	Stormwater retrofit projects planned/under construction	0			
	Stormwater retrofit projects completed	0	FDOT-4 Monthly Construction Progress Reports and Projects Completed by Pushbutton Contracts	FDOT-4 Construction Office and FDOT-4 Drainage Department	
	If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.	<input checked="" type="checkbox"/>			Attachment 1
Part III.A.4 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: FDOT District Four continues to comply with the state's Environmental Resource Permit (ERP) requirements for construction of new roadways and roadway widening projects for water quality standards and attenuation criteria.				
	Limitations: None at this time.				
	SWMP revisions implemented to address limitations: None at this time.				





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Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit				
	Report the applicable facilities and the number of the inspections conducted for each facility.				
	Name of Facility	Number of Inspections			
	Not Applicable	0			FDOT D4 does not own or operate municipal waste TSD facilities.
Part III.A.5 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: There are no applicable FDOT facilities in Palm Beach County meeting the listed criteria.				
	Limitations: Not applicable.				
	SWMP revisions implemented to address limitations: Not applicable.				
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	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 who have been trained through the Green Industry BMP Program and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.				
	PERSONNEL: FDACS public applicators of pesticides/herbicides	2	Copy of Certifications	PB Ops Maintenance Personnel	
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	15	Copy of Certifications	PB Ops Approved Contractors	
	PERSONNEL: FDACS certified / licensed applicators of fertilizer	0			FDOT D4 does not apply fertilizer.
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	1	Copy of Certifications	PB Ops Approved Contractors	
	PERSONNEL: Green Industry BMP Program training completed	0			FDOT D4 does not apply fertilizer

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	Contractors: Green Industry BMP Program Training completed	1	Copy of Certifications	PB Ops Approved Contractors	.
Part III.A.6 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: FDOT continues to require proper certification and licensing from Florida Department of Agriculture and Consumer Services (FDACS) for personnel and contractors applying pesticides or herbicides on FDOT property or rights-of-way, including the FDEP Green Industry BMP Program. FDOT has eliminated the regular use of fertilizer, and promotes the execution of a safe and effective chemical weed and grass control program.				
	Limitations: None at this time.				
	SWMP revisions implemented to address limitations: None at this time.				
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				
	Report on the proactive inspection program, including the number of inspections conducted by the permittee, the number of illicit activities found, and the number and type of enforcement actions taken.				
	Proactive inspections for suspected illicit discharges	508	Based on standard MRP work week and FDOT SSWMP NPDES Inspections	MRP E Sciences, Inc.	
	Illicit discharges found during a proactive inspection	5	IDDE Tracking Table	E Sciences, Inc. NPDES Coordinator	
	Number of enforcement referrals completed	2	Letters on File	NPDES MS4 Coordinator	
	Year 1 ONLY: Attach the written proactive inspection program plan	<input checked="" type="checkbox"/>			Attachment 3
	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 discharges received	78	FDOT Tracker– Citizen Complaint Log	PB Ops Maintenance Personnel and Approved Contractors	
	Reactive investigations of reports of suspected illicit discharges etc.	77			
	Illicit discharges etc. found during reactive investigation	77			


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	<p align="center">Number of enforcement referrals completed</p>	<p align="center">0 </p>	<p align="center">Letters on File</p>	<p align="center">NPDES MS4 Coordinator</p>	
	<p align="center">Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.</p>				
	<p align="center">Personnel trained</p>	<p align="center">82</p>	<p align="center">Sign-In Sheet</p>	<p align="center">E Sciences, Inc. FDOT Central Office</p>	<p>Training completed for Ops Center, at FDOT MRP Workshop, and for Bridge Inspectors.</p>
	<p align="center">Contractors trained</p>	<p align="center">25</p>	<p align="center">Sign In Sheets Number of Preconstruction Meetings</p>	<p align="center">FDOT Central Office FDOT D4 Construction Office</p>	<p>Training covered at MRP Workshop and preconstruction meetings.</p>
<p>Part III.A.7.d</p>	<p>Illicit Discharges and Improper Disposal — Spill Prevention and Response</p>				
	<p>Report on the spill prevention and response activities, including the number of spills addressed.</p>				
	<p align="center">Hazardous and non-hazardous material spills responded to</p>	<p align="center">29</p>	<p align="center">FDOT Tracker – Citizen Complaint Log FDOT Spills Report</p>	<p align="center">PB Ops Maintenance Personnel and Approved Contractors</p>	
	<p align="center">Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.</p>				
	<p align="center">Personnel trained</p>	<p align="center">82</p>	<p align="center">Sign-In Sheet</p>	<p align="center">E Sciences, Inc.</p>	<p>Training completed March 23, 2017 and at FDOT MRP Workshop.</p>
	<p align="center">Contractors trained</p>	<p align="center">25</p>	<p align="center">Number of Preconstruction Meetings</p>	<p align="center">FDOT D4 Construction Office</p>	<p>Training covered at preconstruction</p>


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							ction meetings.
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						
	Continue 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.						
	Number of notices distributed	35	Email from PB Ops	D4 Permits Office			
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.						
	Owner of the sanitary sewer system						
	Number of violations referred	0	FDOT D4 Issued Letters on File	NPDES MS4 Coordinator			
Part III.A.7 Summary	For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.						
	Strengths: FDOT District Four implements their proactive and/or reactive inspection program for illicit discharges and improper disposal through the Maintenance Rating Program (MRP), NPDES Inspections, and by maintaining a citizen complaint log. The log is used to track reports from both citizens and FDOT personnel of possible illicit discharges, connections and dumping. Illicit discharges, connections, and dumpings are then investigated by FDOT, with results and correction actions tracked.						
	FDOT provides IDDE and spill prevention and response training to the Operations Center employees annually. A statewide IDDE training video that can be viewed online has been created for FDOT and Contractor personnel. A statewide Spill Prevention and Response training video has also been created and is anticipated to go online for viewing within the next year.						
	Limitations: None at this time.						
	SWMP Revisions implemented to address limitations: None at this time.						
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections						
	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.						
	Report on the high risk facilities inspection program, including the number of outfall inspections conducted and the number of enforcement referrals completed.						
	Type of Facility	Number of Facilities	Number of Inspections	Enforcement Referrals			
	Operating municipal landfills	0	0	0	High Risk Facility	E	Inspections are

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
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0	Inspection Report 2015 	Sciences, Inc.	performed per Part III.A.8.a and the FDOT-4 SOPs.
	EPCRA Title III, Section 313 facilities (TRI)	1	0	0			
	Facilities determined as high risk by the permittee through the proactive inspections per Part III.A.7.c	1		0			
	Facilities determined as high risk by the permittee	4					
	New High Risk facilities added to the inventory during  current reporting period	0					
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries						
	Not Applicable to FDOT.						
Part III.A.8 Summary	For activities required by Part III.A.8: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.						
	Strengths: FDOT District Four continues to maintain an up-to-date inventory of existing high risk facilities discharging into the MS4 and has developed and continually implements a plan for conducting inspections of high risk facility outfalls to determine compliance with all appropriate aspects of the stormwater program.						
	Limitations: None at this time.						
	SWMP revisions implemented to address limitations: None at this time.						
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices						
	Employ FDOT 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 Discharge Connection Permits issued	35		Email from PB Ops	D4 Permits Office		
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement						
	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. For FDOT District Four & Florida's Turnpike Enterprise, privately-operated sites are those sites within FDOT's right-of-way that were issued a DCP.						
	PERMITTEE SITES: Active construction sites	34		FDOT-4 Monthly Construction Progress Reports	FDOT-4 Construction Office		
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	64					
	PERMITTEE SITES: Percentage of active construction sites inspected	100%					
	PERMITTEE SITES: Corrective action notices issued	0		PB Ops Permits Department	PB Ops Maintenance Personnel and Approved Contractors	In accordance with Part III.A.9.b of the NPDES permit, privately	
	PRIVATE SITES: Active construction sites	80					

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>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs PRIVATE SITES: Percentage of active construction sites inspected</p>	120			operated sites are those adjacent to FDOT's ROW that were issued a DCP.
		100%			Per FDOT's FDEP-approved SOP, privately operated sites are only inspected if they discharge to FDOT's ROW and/or are connected to MS4.
	<p>Enforcement Action Year 1 ONLY: Attach the written construction site inspection program plan</p>	0	Letters on File	FDOT NPDES Coordinator	
		<input checked="" type="checkbox"/>			Attachment 4
Part III.A.9.c	Construction Site Runoff — Site Operator Training				
	Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training).				
		DEP Certification	Annual Training		
	Permittee construction site inspectors	1	0 	FDEP Sediment and Erosion Control Certification	FDOT Construction Department
	Permittee construction site plan reviewers		0		FDOT Drainage Department Drainage Department site plan reviewers

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
						obtain the FDEP Sediment and Erosion Control training certification . Annual follow-up training to begin in Year 2.
	Permittee construction site operators			0 		FDOT does not have any permittee construction site operators.
Part III.A.9 Summary	For activities required by Part III.A.9: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.					
	Strengths: FDOT District Four implements its stormwater, erosion and sedimentation inspection SOP for permittee construction sites within FDOT-4's MS4 as well as a plan for stormwater training/ outreach for FDOT personnel and contractors involved in the site plan review, inspection or construction of stormwater management, erosion and sedimentation controls. Such programs' procedures include: inspecting construction sites on a routine basis, ensuring projects draining to the Department's MS4 meet water quality treatment criteria, reporting any observed water quality violations, and requiring construction personnel to be certified through the FDEP Stormwater, Erosion and Sedimentation Control Inspector Training program.					
	Limitations: None at this time.					
	SWMP revisions implemented to address limitations: None at this time.					

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.
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)

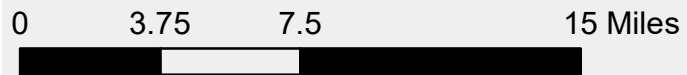
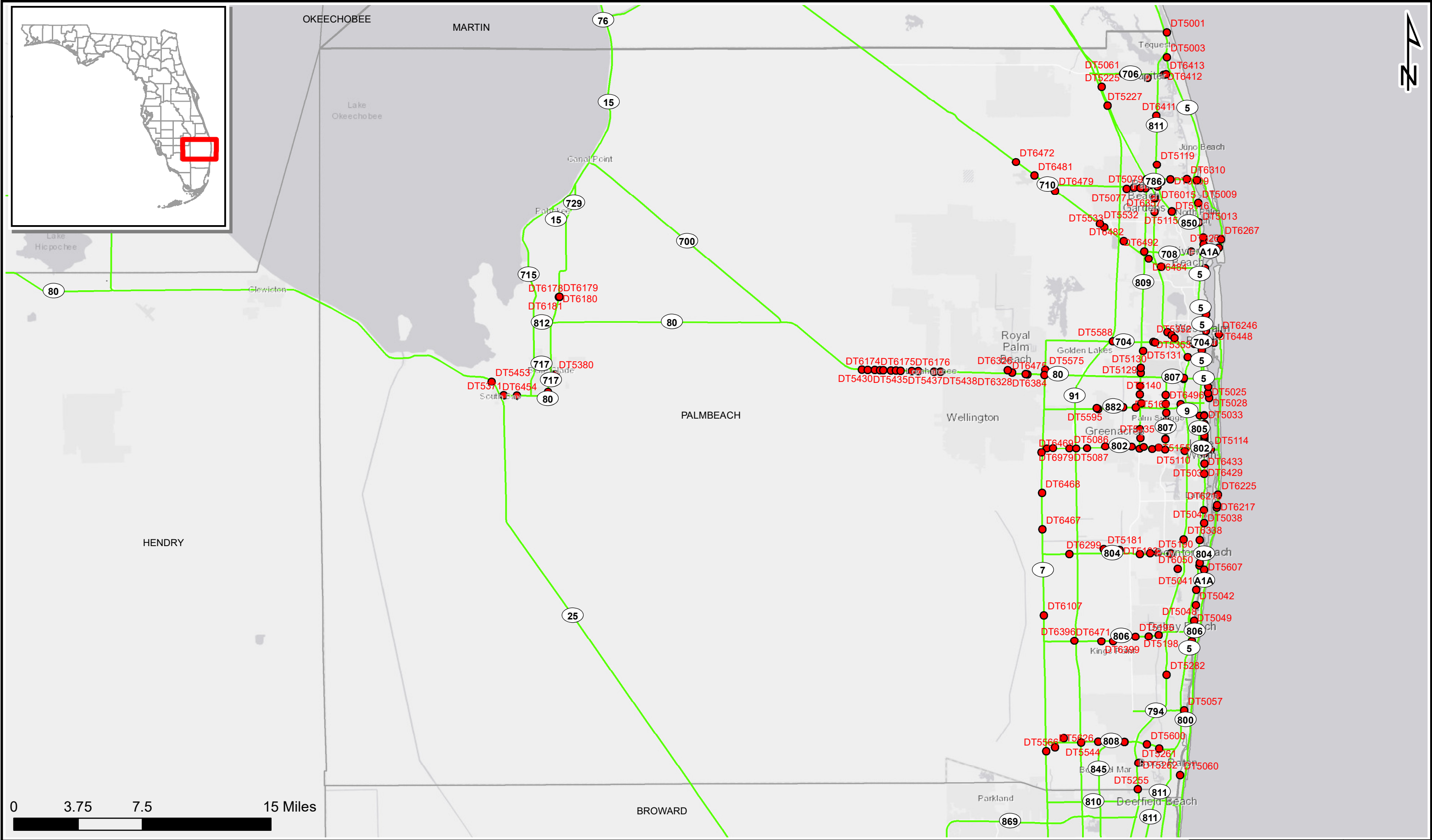
SECTION IX. TMDL Status Report

A.	YEAR 1 Provide a table summarizing the status of the TMDL process. Include a list of prioritized TMDLs and their monitoring and implementation schedule; and include the Identification number of the outfall prioritized for TMDL monitoring.								
	WBID Number	Segment/ Waterbody/ Basin	Pollutant of Concern	TMDL DEP / EPA	Percent Reduction (WLA)	Priority Rank	Priority Outfall	Monitoring Summary / BPCP Due Date	Supplemental SWMP Due Date
	3264A	E-1 Canal	Fecal Coliform	<input checked="" type="checkbox"/> / <input type="checkbox"/>	94%	1	N/A	Year 3 AR	N/A
				<input type="checkbox"/> / <input type="checkbox"/>					
B.	YEAR 3 and annually thereafter, provide a summary of the estimated load reductions that have occurred for the pollutant(s) of concern being discharged from the MS4 to the TMDL water body during the reporting period and cumulatively since the date the Supplemental SWMP was implemented. Year 3: Submit a Monitoring data summary or BPCP (if applicable). Year 4: Submit a Supplemental SWMP (if applicable).								
	WBID Number	Pollutant of Concern	Monitoring Summary / BPCP Submitted	Supplemental SWMP Submitted	Projected load reductions OR Actual load reductions to date				
	3264A	Fecal Coliform	Year 3 AR	N/A	To be reported in the Year 3 report.				
C.	Provide a brief statement as to the status of TMDL implementation according to Part VIII.B. of the permit (e.g. status of monitoring to validate WLA): Per the FDEP approved Prioritization plan, source identification would occur during Year 1, with BPCP development occurring during Years 2 and 3 of the permit. During Year 1, FDOT verified the stormwater system inventory within the WBID was up to date, and began coordination with Palm Beach County regarding possible sources of bacteria contamination.								

Attachment 1
END OF 2017 NPDES REPORT PALM BEACH COUNTY

<u>Existing Treatment</u>					
SR-A1A in Highland Beach (PB Ops.)	Received complaint from property owner that there's tidal backflow from structure installed in the swale area during the kind tide season.	Installed an 18" checkmate valve upstream of the outfall location.	Environmental Land Development completed work on 12/5/16 (WO # 9)	\$16,121	Swales and French drains
SR-804 (E. Ocean Ave.) in Ocean Ridge (PB Ops.)	Received complaint from Ocean Ridge Town Manager and Chief of Police related to street flooding due to tidal backflow during the king tides season.	Installed a 36" checkmate valve upstream at the DBI structure located on the east side of the pond.	Environmental Land Development completed work on 12/6/16 (WO # 10)	\$25,108	Dry Detention Ponds

Source: FDOT Drainage Department



NPDES Permitting Department
 FDOT District 4
 3400 W Commercial Blvd
 Fort Lauderdale, FL 33309
 954-777-4221

FDOT

DRAWN BY: REV PROJECT NUMBER: 2-0438-152

**Florida Department of Transportation - District 4
 Palm Beach County
 NPDES Cycle 4 Year 1 Annual Report**

Major Outfalls		ATTACHMENT 2
SCALE: 1"=27,116.822138'	DATE: 2/19/2018	

P:\Projects\2-400-499\2-0438-152\4_figures and drawings\GIS\FDOT_PB_MJ_DT.s.mxd

ATTACHMENT 3

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 Maintenance Rating Program (MRP)/Maintenance Management System (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 staff. 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.
- The Tier 2 training includes basic information about facilities that may require coverage under FDEP's Multi-Sector Generic Permit for Stormwater Discharge Associated with Industrial Activity, referred to as the MSGP. If FDOT suspects that an industrial facility discharging into the FDOT MS4 does not have coverage as required under the MSGP, the name and address of the facility will be provided to FDEP's NPDES stormwater staff.
- The FDOT MRP Handbook includes instructions in the drainage section of the evaluation for inspectors to report any suspected illicit discharge to the District NPDES Coordinator. Each day MRP inspectors conduct field inspections will be tracked and reported as a proactive illicit discharge inspection.
- 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 4

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. Sites 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:
