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June 7, 2021

Ms. Amanda Lanphere  
Florida Department of Environmental Protection  
Mail Station 2500  
2600 Blair Stone Road  
Tallahassee, Florida 32399-24002

**Subject: FDOT District One – Sarasota County Phase I NPDES MS4 Annual Report  
Cycle 5 – Year 2  
Permit Number FLS000004-004  
E Sciences Project No. 1-2417-001**

Dear Ms. Lanphere:

On behalf of the Florida Department of Transportation (FDOT) District One, attached is the annual report form for the Sarasota County National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) Permit, Permit Number FLS000004. The form is for annual report Cycle 5 – Year 2, a reporting time period of January 1, 2020 through December 31, 2020.

If you need any other information, please do not hesitate to contact us.

Sincerely,  
**E SCIENCES, INCORPORATED**

A handwritten signature in blue ink that reads 'Leilani Farrell'.

Leilani Farrell  
Project Manager

A handwritten signature in blue ink that reads 'Robert Potts'.

Robert Potts  
Associate in Charge

Attachment

cc: Steven Kelly, FDOT  
Borja Crane-Amores, FDEP  
File

# Sarasota County NPDES Phase I MS4 Annual Report

Cycle 5 – Year 2  
Permit No. FLS000004-004

June 2021



Prepared for:

Florida Department of Transportation - District One  
801 North Broadway Avenue  
Bartow, Florida 33831



**SECTION III. PART V.B. ASSESSMENT PROGRAM**

<b>A.</b>	<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 assessment program, permittee may refer to a joint response as defined by the interlocal agreement.</i></p> <p><b>Name and date of the approved plan:</b> Sarasota County NPDES MS4 Assessment Program, December 2019.</p> <p><b>Status:</b> The Florida Department of Transportation (FDOT) District One has an interlocal agreement with Sarasota County. The County is tasked with conducting water quality monitoring and maintaining the Sarasota County Water Atlas for all co-permittees which includes FDOT District One. Representative water quality monitoring stations were selected to reflect contributions from FDOT's Municipal Separate Storm Sewer System (MS4) and submitted for the Assessment Program for FDOT District One.</p>
<b>B.</b>	<p>Provide a brief discussion of the assessment program (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>Sarasota County's monitoring program includes analyses of seventeen tributaries and six coastal bays. The health of the bays is being used as the overall indicator of the success of the water quality and stormwater management programs being implemented throughout the County by the Sarasota County MS4 co-permittees which includes FDOT. Representative water quality monitoring stations were selected to reflect representative contributions from FDOT's MS4.</p> <p>Sarasota County's watershed monitoring was not specifically designed to assess stormwater pollutants from FDOT. Some of the stations are located near FDOT roads but the results from the monitoring stations reflect the entire contributing area and cannot distinguish the influence of FDOT alone. FDOT recognizes the results from ambient water quality monitoring programs can be influenced by many factors, such as: atmospheric deposition; <i>in situ</i> nutrient loading; loading from non-point sources such as agriculture and septic systems; and groundwater loading which cannot be directly correlated to an individual Stormwater Management Plan (SWMP). However, FDOT believes that its SWMP is effective at reducing pollutant loads from the Department's MS4 to receiving waters. FDOT's SWMP includes visual monitoring of its MS4 for illicit discharges during routine inspection and maintenance activities, routine construction oversight, scheduled inspection of MS4 infrastructure, stormwater education, cessation of fertilizer uses within the State Highway System (SHS), an effective street sweeping and litter control program, and an approach for treating new and existing impervious areas.</p> <p>Below is a summary of the ambient water quality data collected from the seventeen selected monitoring stations located downstream of an FDOT state roadway:</p> <ul style="list-style-type: none"><li>• <b>For Total Nitrogen (TN)</b>, the data indicated an increase in concentration for Stations 10-3, 10-4, 10-5, 11-3, 11-5, 13-1, 13-4, ALL, CAT-2, DR-2, DR-4, DR-5, NOR, PC-41, and WH-1. There were no observable trends for Stations CLO or MY-E.</li><li>• <b>For Total Phosphorus (TP)</b>, the data indicated an increase in concentration for Station PC-41. The data indicated a decrease in concentration for Stations 10-3, 10-4, 10-5, 11-3, 11-5, 13-1, 13-4, DR-2, DR-4, and DR-5. There were no observable trends for Stations ALL, CAT-2, CLO, MY-E, NOR, or WH-1.</li><li>• <b>For Chlorophyll a (Chl a)</b>, the data indicated an increase in concentration for Stations 10-3, 10-4, 10-5, 11-3, 11-5, 13-1, 13-4, CAT-2, DR-2, DR-4 and DR-5. The data indicated a decrease in concentration for Station MY-E. There were no observable trends for Stations ALL, CLO, NOR, PC-41, or WH-1.</li></ul>
<b>C.</b>	<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>See Supplement 1 for a summary of the monitoring data.</p>

**SECTION IV. FISCAL ANALYSIS**

<b>A.</b>	Total expenditures for the NPDES stormwater management program for the current reporting year: \$2,126,403.00*
<b>B.</b>	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$2,071,718.00
Did the current reporting year resources decrease from the previous year? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/>	
If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.	
<b>C.</b>	*FDOT District One's NPDES program budget is comprised of various activities which fluctuate from year to year. Even with these fluctuations, FDOT District One has been able to fully implement their SWMP without any negative impacts.

**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"/>	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
<input type="checkbox"/>	<input checked="" 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	
<input checked="" type="checkbox"/>	<input 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 V.B.3.	Supplement 1
<input type="checkbox"/>	<input checked="" 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	
<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"> <li>• The assessment program (with revisions, if applicable).</li> <li>• If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.</li> </ul>	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): Steven Kelly

Title: Maintenance Environmental Specialist

Signature: 

Date: 05 / 28 / 2021

**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	<b>Structural Controls and Stormwater Collection Systems Operation</b>								
	<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 (miles, linear feet, acres, etc.) for each structural control to be consistent with the unit of measurement in the documentation.</i></p>								
	<b>Type of Structure</b>	<b>Number of Structures</b>	<b>Number of Inspections</b>	<b>Percent Inspected</b>	<b>Number of Maintenance Activities</b>	<b>Percent Maintained</b>	Stormwater Asset Management System (SAMS) Database	FDOT Personnel and Consultants	FDOT follows the inspection and maintenance schedules in the approved 2012 Statewide Stormwater Management Plan (SSWMP). The number of routine maintenance activities are not tracked by structure type; therefore, some maintenance activities are reported as zero. However, 100% are routinely maintained through the Maintenance Management System (MMS) program and the Maintenance Rating Program (MRP).
Dry retention systems	61	31	50.82%	4	100%				
Treatment swales	8	4	50%	0	100%				
Dry detention systems	7	4	57.14%	0	100%				
Wet detention systems	79	55	69.62%	45	100%				
Ditch block systems	13	3	23.08%	0	100%				
Exfiltration trench / French drains	2	0	0%	0	100%				
Weirs or other control structures	3	1	33.33%	0	100%				

**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
	<b>Major outfalls</b>	24	0	0%	0	UND	Sarasota County Major Outfall Inventory Spreadsheet	FDOT Personnel and Consultants	Major outfalls are inspected in accordance with FDOT District One's Standard Operating Procedures (SOPs). All known major outfalls are inspected once per the 5-year permit cycle. During Year 1 of the permit cycle, 24 major outfalls were inspected. The number of routine maintenance activities are not tracked by structure type; rather, they are reported in linear feet. Per FDEP's request, we are using Undetermined (UND) as the reporting value for the percentage maintained.



**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
	<b>MS4 pipes / culverts (linear feet)</b>	47,864	15 each	UND	3,848	8.04%	Road Characteristics Index (RCI) Features 241, MRP, and MMS Activity 451	FDOT Personnel	Inspections and maintenance of pipes / culverts are performed in accordance with the approved 2012 SSWMP. The inspections of these conveyance structures are addressed through the FDOT MRP. When maintenance activities are performed on MS4 pipes / culverts, the pipe is also inspected by video for structural and functional integrity. Maintenance activities for pipe cleaning and inlets / catch basins / grates are grouped together in MMS Activity 451.	

**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
	Inlets / catch basins / grates (each)	4,014	22	0.55%	3,848 linear feet	UND	RCI Feature 242, MRP, and MMS Activities 451 and 456	FDOT Personnel	<p>Inspections and maintenance of inlets / catch basins / grates are performed in accordance with the approved 2012 SSWMP. The inspections of these conveyance structures are addressed through the FDOT MRP. The maintenance activities are grouped together in MMS Activities 451 and 456. Maintenance of inlets / catch basins / grates cannot be reported in percentages because the inventory is tracked by unit items and maintenance is tracked in linear feet. Per FDEP's request, we are using Undetermined (UND) as the reporting value for the percent maintained.</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
	Ditches / conveyance swales (miles)	245.95	32 each	UND	1.93	0.78%	RCI Features 245 and 421, MRP, and MMS Activities 461 and 464	FDOT Personnel	The inspections of these conveyance structures are addressed through the FDOT MRP. The maintenance is addressed through MMS Activities 461 and 464. The inventory is reported in miles while and the inspection activities are reported per unit. Per FDEP's request, we are using Undetermined (UND) as the reporting value for the percent inspected.
	If the minimum inspection frequencies set forth in Table II.A.1.a. of the permit or the SSWMP were not met, provide an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met.				<input type="checkbox"/>		District One met the minimum inspection frequencies set in the approved 2012 SSWMP.		
<b>Part III.A.1 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.								
	<b>Strengths:</b> FDOT District One has a comprehensive inspection and maintenance program for stormwater treatment and conveyance structures. FDOT District One implements a routine Stormwater Treatment Facility (SWF) inspection program consistent with the 2012 SSWMP and Water Management District (WMD) Environmental Resource Permit (ERP) inspection criteria. Stormwater conveyance structures are inspected and maintained consistent with the Department's MRP as detailed in the approved 2012 FDOT SSWMP. FDOT District One's inspection and maintenance program is designed to be proactive at identifying and correcting deficiencies to ensure treatment and conveyance systems continue to function as designed and permitted in order to reduce pollutant loading to waters of the state.								
	<b>Limitations:</b> None noted at this time.								
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.								

<b>Part III.A.2</b>	<b>Areas of New Development and Significant Redevelopment</b>				
	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 Drainage Connection Permit 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.				
	<b>Number of enforcement referrals completed</b>	0	4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager	FDOT Personnel	No enforcement referrals occurred during the reporting period.
<b>Part III.A.2 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> FDOT District One continues to implement Chapter 14-86 F.A.C. to ensure off-site facilities connecting to FDOT's Right-of-Way (ROW) through Drainage Connection Permits (DCPs) meet existing water quality standards.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.				
<b>Part III.A.3</b>	<b>Roadways</b>				
	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: If the permittee does not contract activities, delete CONTRACTOR activities.</i>				
	<b>PERMITTEE Litter Control: Frequency of litter collection</b>	0	4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager	FDOT Personnel	Litter collection is performed by contractors only. In Sarasota County, FDOT staff no longer performs in-house litter collection.
	<b>PERMITTEE Litter Control: Estimated amount of area maintained (acres)</b>	0			
	<b>PERMITTEE Litter Control: Estimated amount of litter collected (pounds)</b>	0			
	<b>CONTRACTOR Litter Control: Frequency of litter collection (M&amp;M Contractors, Inc)</b>	12 / Year	2020 FDOT Contracts Data Spreadsheet (M&M Contractors, Inc, E1S39)	FDOT Maintenance Contractors	The total litter area maintained by contractors and Memorandum of Agreements (MOAs) is 5,143 acres. The total estimated amount of litter collected is 484,699 pounds.
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (acres)</b>	872			
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (pounds)</b>	4,529			
	<b>CONTRACTOR Litter Control: Frequency of litter collection (M&amp;M Contractors, Inc)</b>	12 / Year	2020 FDOT Contracts Data Spreadsheet (M&M Contractors, Inc, E1S87)	FDOT Maintenance Contractors	
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (acres)</b>	528			
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (pounds)</b>	14,620			

	<b>CONTRACTOR Litter Control: Frequency of litter collection (Sarasota County MOA)</b>	12 / Year	2020 FDOT Contracts Data Spreadsheet (Sarasota County MOA, BE092)	FDOT Maintenance Contractors	
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (acres)</b>	1,996			
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (pounds)</b>	12,190			
	<b>CONTRACTOR Litter Control: Frequency of litter collection (City of Sarasota MOA)</b>	12 / Year	2020 FDOT Contracts Data Spreadsheet (City of Sarasota MOA, BE508)	FDOT Maintenance Contractors	
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (acres)</b>	552			
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (pounds)</b>	11,360			
	<b>CONTRACTOR Litter Control: Frequency of litter collection (DBI Services)</b>	Daily	4/8/2021 E-mail from Samantha Manning, DBI Services	FDOT Maintenance Contractors	
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (acres)</b>	1,195			
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (pounds)</b>	442,000			
	OPTIONAL: If an Adopt-A-Road or similar volunteer 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".				
	<b>Adopt-A-Road: Total miles cleaned</b>	1.5	Sarasota County Adopt-A-Highway (AAH) Spreadsheet	Volunteer Groups	
	<b>Adopt-A-Road: Estimated amount of litter collected (pounds)</b>	35			
	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.				
	<b>Frequency of street sweeping (USA Sweeping – Sarasota)</b>	12 / Year	2020 FDOT Contracts Data Spreadsheet (USA Sweeping – Sarasota, E1R29)	FDOT Maintenance Contractors	The total contractor street sweeping miles swept is 3,794. The total estimated amount of street sweeping material collected is 235,422 pounds.
	<b>Total miles swept</b>	3,378			
	<b>Estimated quantity of sweeping material collected (pounds)</b>	200,422			

	<b>Frequency of street sweeping (DBI Services)</b>	Monthly	4/8/2021 E-mail from Samantha Manning, DBI Services	FDOT Maintenance Contractors	
	<b>Total miles swept</b>	416			
	<b>Estimated quantity of sweeping material collected (pounds)</b>	35,000			
	<b>Total phosphorous loadings removed (pounds)</b>	68	Florida Stormwater Association (FSA) MS4 Load Reduction Toolkit for Sarasota County Street Sweeping Data	FDOT Consultants	The TN and TP loadings removed are calculated from a summation of all contractor street sweeping activities.
<b>Total nitrogen loadings removed (pounds)</b>	148				
Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.					
<b>Name of Facility</b>		<b>Number of Inspections</b>			
Manatee Operations Center		1	March 2020 Manatee Operations HazMat Inspection Report	The District Hazardous Material Team	
<b>Part III.A.3 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> FDOT District One maintains an active roadway management program. This program includes litter collection, AAH, street sweeping, and annual inspections of its maintenance yards. The roadway management program ensures litter and potential pollutants are removed from the MS4 minimizing impacts to waters of the state.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.				

<b>Part III.A.4</b>	<b>Flood Control Projects</b>				
	<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. Provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not.</p> <p>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>				
	<b>Flood control projects completed during the reporting period</b>	0	FDOT's Adopted Five-Year Work Program (July 1, 2021 through June 30, 2025)	FDOT Personnel	FDOT adheres to water quality and attenuation criteria based on ERP requirements for new roadway and widening projects.
	<b>Flood control projects completed that did <u>not</u> include stormwater treatment</b>	0			
	<b>Stormwater retrofit projects planned/under construction</b>	0			
	<b>Stormwater retrofit projects completed</b>	0			
	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 type="checkbox"/>	Not Applicable		
<b>Part III.A.4 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> FDOT District One does not construct flood control or stormwater retrofit projects. FDOT District One continues to adhere to state water quality and attenuation criteria for new roadway and road widening projects based on ERP requirements.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.				
<b>Part III.A.5</b>	<b>Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit</b>				
	Report the applicable TSD facilities and the number of the inspections conducted for each facility.				
	<b>Name of Facility</b>	<b>Number of Inspections</b>			
	Not Applicable	0	4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager		FDOT does not own or operate any Treatment, Storage, and Disposal (TSD) Facilities in Sarasota County which meet these criteria.
<b>Part III.A.5 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> There are no applicable FDOT facilities in Sarasota County which meet the criteria listed. Currently, FDOT does not stockpile street sweeping material and/or yard waste at its maintenance yards.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.				

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.				
	<b>PERSONNEL: FDACS public applicators of pesticides/herbicides</b>	2	4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager and Florida Department of Agriculture and Consumer Services (FDACS) Pesticide Certification Office Commercial Applicator License # PB8859 and PB11511	FDOT Personnel	
	<b>CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides</b>	2	4/13/2021 E-mail from Tim Wright, MEI Consultant and FDACS Pesticide Certification Office Commercial Applicator License # CM21132 and CM24934	FDOT Contractors	



	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.				
	<b>PERSONNEL: Green Industry BMP Program training completed</b>	6	4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager and FDEP Certificate # GV30212-1, GV31904-1, GV31240-1, GV30229-1, GV31246-1, and GV30234-1	FDOT Personnel	
	<b>CONTRACTORS: Green Industry BMP Program training completed</b>	1	4/13/2021 E-mail from Tim Wright, MEI Consultant and FDEP Green Industries Certification List: Truitt Waters	FDOT Contractors	
	<b>CONTRACTORS: FDACS certified / licensed applicators of fertilizer</b>	0	4/13/2021 E-mail from Francisco Walle, FDOT Manatee Operations and 4/13/2021 E-mail from Tim Wright, MEI Consultant	FDOT Contractors	FDOT does not have any active bulk fertilizer contracts. No certifications are required.
<b>Part III.A.6 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> FDOT District One requires personnel to be knowledgeable and able to implement a safe and effective chemical weed and grass control program. FDOT requires proper certification and licensing from FDACS for all personnel and contractors applying pesticides or herbicides on FDOT property or ROW. It is FDOT's intention to reduce the amount of fertilizer used and has done so by eliminating bulk fertilizer contracts.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.				
<b>Part III.A.7.a</b>	<b>Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures</b>				
	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.					
<p style="text-align: center;"><b>Proactive inspections for suspected illicit discharges</b></p> <p style="text-align: center;"><b>Illicit discharges found during a proactive inspection</b></p> <p style="text-align: center;"><b>Number of enforcement referrals completed</b></p>	306	Daily Crew Work Report, SAMS Database, 4/13/2021 E-mail from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel	There were no illicit discharges / connections / dumping found during proactive inspections. Therefore, no enforcement referrals were required.	
	0				
	0				
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.					
<p style="text-align: center;"><b>Reports of suspected illicit discharges received</b></p> <p style="text-align: center;"><b>Reactive investigations of reports of suspected illicit discharges etc.</b></p> <p style="text-align: center;"><b>Illicit discharges etc. found during reactive investigation</b></p> <p style="text-align: center;"><b>Number of enforcement referrals completed</b></p>	1	4/13/2021 E-mail from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel	There was 1 report of a suspected illicit connection / discharge / dumping received. 1 illicit discharge was found during a reactive inspection and eliminated. 0 enforcement referrals were required.	
	1				
	1				
	0				
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 style="text-align: center;"><b>Personnel trained</b></p>	10	4/13/2021 and 5/29/2020 E-mails from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel		

	<b>Contractors trained</b>	67	2/23/2021 E-mail from Steven Kelly, FDOT Maintenance Environmental Specialist and November 2020 E Sciences Illicit Discharge Detection and Elimination (IDDE) and Spill Prevention Refresher Training Sign-In Sheet	FDOT Contractors	
<b>Part III.A.7.d</b>	<b>Illicit Discharges and Improper Disposal — Spill Prevention and Response</b>				
	Report on the spill prevention and response activities, including the number of spills addressed.				
	<b>Hazardous and non-hazardous material spills responded to</b>	1	FDOT One-Stop Permitting (OSP) Database	FDOT Personnel and Contractors	
	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.				
	<b>Personnel trained</b>	5	1/24/2020 and 4/13/2021 E-mails from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel	
	<b>Contractors trained</b>	10	November 2020 E Sciences IDDE and Spill Prevention Refresher Training Sign-In Sheet	FDOT Contractors	
<b>Part III.A.7.e</b>	<b>Illicit Discharges and Improper Disposal — Public Reporting</b>				
	Not Applicable to FDOT.				

<b>Part III.A.7.f</b>	<b>Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control</b>				
	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.				
	<b>Number of notices distributed</b>	24	FDOT OSP Database	FDOT Personnel	National Pollutant Discharge Elimination System (NPDES) Flyers are distributed with approved DCPs
<b>Part III.A.7.g</b>	<b>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</b>				
	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.				
	<b>Owner of the sanitary sewer system</b>	Not applicable			
	<b>Number of violations referred</b>	0	4/13/2020 E-mail from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel	No Sanitary Sewer Overflows (SSOs) or sanitary seepage incidents were observed or discovered during the reporting period.
<b>Part III.A.7 Summary</b>	For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> Through the implementation of its MRP and MMS programs, FDOT District One provides significant coverage of the FDOT MS4. As such, the fundamental component of a proactive IDDE program, that is, inspectors visiting all areas of the MS4, is achieved through the MRP and MMS programs. FDOT staff are also trained annually regarding illicit discharges and connections, the proper reporting procedure, and spill prevention and response. At a minimum, one trained FDOT field staff is in the field each day to be observant for illicit discharges and/or spills.				
	<b>Limitations:</b> None noted at this time.				
	<b>SWMP Revisions implemented to address limitations:</b> None noted at this time.				

<b>Part III.A.8.a</b>	<b>Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections</b>						
	Report on the high-risk facilities inventory, including the type and total number of high-risk facilities.						
	Report on the high-risk facilities inspection program, including the number of outfall inspections conducted and the number of enforcement referrals completed.						
	<b>Type of Facility</b>	<b>Number of Facilities</b>	<b>Number of Inspections</b>	<b>Enforcement Referrals</b>			
	Operating municipal landfills	0	0	0	Environmental Protection Agency (EPA) Toxic Release Inventory (TRI) 2019	FDOT Personnel	24 Approved DCPs were screened and 0 potential high-risk facilities were identified during the screening process.
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0			
	EPCRA Title III, Section 313 facilities (TRI)	0	0	0			
Facilities determined as high-risk by the permittee	0	0	0				
<b>Part III.A.8.b</b>	<b>Industrial and High-Risk Runoff — Monitoring for High-Risk Industries</b>						
	Not Applicable to FDOT.						
<b>Part III.A.8 Summary</b>	For activities required by Part III.A.8: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.						
	<b>Strengths:</b> FDOT District One screens all approved DCPs against the most recent EPA TRI. Any facility that has an approved DCP and is also listed on EPA's TRI list is added to FDOT's high-risk inventory and then inspected for any potential illicit discharges or connections. In addition, non-high-risk facilities found to be discharging non-stormwater to FDOT District One's MS4 are also added to the high-risk inventory and will be inspected in subsequent permit years.						
	<b>Limitations:</b> None noted at this time.						
	<b>SWMP revisions implemented to address limitations:</b> None noted at this time.						
<b>Part III.A.9.a</b>	<b>Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices</b>						
	Employ FDOT Drainage Connection Permit 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.						
	<b>Number of Drainage Connection Permits issued</b>	24	FDOT OSP Database	FDOT Personnel			

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 Seven, privately-operated sites are those sites within FDOT's right-of-way that were issued a Drainage Connection Permit.				
	<p align="center"><b>PERMITTEE SITES: Active construction sites</b></p>	7	<p align="center">NPDES Stormwater Pollution Prevent Plan (SWPPP) Status Spreadsheets</p>	<p>FDOT Personnel</p>	
<p align="center"><b>PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&amp;S and waste control BMPs</b></p>	9	<p align="center">4/6/2021 E-mail and documentation from Curtis Vilt, FDOT Maintenance Manager</p>			
<p align="center"><b>PERMITTEE SITES: Percentage of active construction sites inspected</b></p>	100%				<p align="center">3/29/2021 E-mail from Tanya Merkle, FDOT Environmental Liaison and 4/13/2021 E-mail from Francisco Walle, FDOT Field Operations Manager</p>
<p align="center"><b>PRIVATE SITES: Active construction sites</b></p>	3		<p align="center">0</p>		
<p align="center"><b>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&amp;S and waste control BMPs</b></p>	6				
<p align="center"><b>PRIVATE SITES: Percentage of active construction sites inspected</b></p>	100%				
<p align="center"><b>Enforcement Action</b></p>	0				

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).				
			<b>DEP Certification</b>	<b>Annual Training</b>		
		<b>Permittee construction site inspectors</b>	0	87	1/16/2020 E-mail from Steven Kelly, FDOT Maintenance Environmental Specialist, and Pre-Construction Sign-In Sheets	FDOT Personnel
		<b>Permittee construction site plan reviewers</b>		2		
		<b>Permittee construction site operators</b>		87		
		For activities required by Part III.A.9: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
<b>Part III.A.9 Summary</b>		<p><b>Strengths:</b> FDOT District One has SOPs in place to ensure that FDOT construction sites are being inspected on a routine basis. All FDOT construction projects that require NPDES Construction Generic Permit (CGP) coverage will be prioritized and the inspection frequency shall be associated with its priority level. The intent of this procedure is to ensure that construction activities are not negatively impacting adjacent properties, receiving waters, or sensitive areas. The DCP requires that all construction projects draining to the Department's MS4 meet state water quality criteria. FDOT inspects the proposed outfall / drainage connection during construction. Any observed water quality violations will be reported to the appropriate agency or local municipality.</p> <p><b>Limitations:</b> None noted at this time.</p> <p><b>SWMP revisions implemented to address limitations:</b> None noted at this time.</p>				
<b>SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable in Year 4)</b>						
A.	<b>Permit Citation/ SWMP Element</b>	<b>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>				
B.	<b>Permit Citation/ SWMP Element</b>	<b>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)</b>				

**SECTION IX. TMDL Status Report**

<b>A.</b>	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	Monitoring Summary / BPCP Due Date	Supplemental SWMP Due Date
	2049	Gottfried Creek	Fecal Coliform	<input checked="" type="checkbox"/> / <input type="checkbox"/>	74%	1	(Year 3 AR)	(Year 4 AR; N/A if BPCP)
	1971	West Clarke Lake	Nutrients (TP)	<input type="checkbox"/> / <input checked="" type="checkbox"/>	80%	2	NA	NA
1937	Philippi Creek	Nutrients (TN and TP)	<input type="checkbox"/> / <input checked="" type="checkbox"/>	TN and TP = 70%	3	NA	NA	
<b>B.</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). <i>Note: Previously prioritized waterbodies with approved TMDL Implementation Plans may be reported in this section.</i>							
	WBID Number	Pollutant of Concern	Monitoring Summary / BPCP Submitted	Supplemental SWMP Submitted	Projected load reductions OR Actual load reductions to date			
			(Year 3 AR)	(Year 4 AR; N/A if BPCP)				
<b>C.</b>	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):							