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March 25, 2016

Mr. Borja Crane-Amores
Florida Department of Environmental Protection
Mail Station 2500
2600 Blair Stone Road
Tallahassee, Florida 32399-24002

Subject: **FDOT District One – Polk County Phase I NPDES MS4 Annual Report**
Term 3 – Year 4
Permit Number FLS000015
E Sciences Project No. 1-1464-051

Dear Mr. Crane-Amores:

Attached is the annual report form for the Polk County Phase I NPDES Municipal Separate Storm Sewer System (MS4) Permit, Permit Number FLS000015, for Florida Department of Transportation (FDOT) District One. The form is for annual report Term 3 – Year 4, a reporting time period of October 1, 2014 through September 30, 2015. Additionally, FDOT District One is requesting to use the completed fourth year annual report form as the principle component for re-issuance of their Polk County Phase I MS4 NPDES Permit. If you need any other information, please do not hesitate to contact us.

Sincerely,
E SCIENCES, INCORPORATED

Teayann Duclos
Project Scientist

Robert Potts
Project Manager

Attachment

cc: Steven Kelly, FDOT
File

E Sciences, INCORPORATED
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www.esciencesinc.com

Polk County NPDES Phase I MS4 Annual Report

Term 3 – Year 4

Permit No. FLS000015

March 2016

Prepared for:

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

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. Their names and email addresses are available at: http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm. If files are larger than 10mb, materials may be placed on the NPDES Stormwater ftp site at: ftp://ftp.dep.state.fl.us/pub/NPDES_Stormwater/. After uploading the ANNUAL REPORT files, an email must be sent to the MS4 coordinator or the NPDES program administrator notifying them the report is ready for downloading
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below**

SECTION I. BACKGROUND INFORMATION			
A.	Permittee Name FDOT District 1		
B.	Permit Name: Polk County Municipal Separate Storm Sewer System		
C.	Permit Number: FLS000015-003 (Cycle 3)		
D.	Annual Report Year: ☐ Year 1 ☐ Year 2 ☐ Year 3 ☒ Year 4 ☐ Year 5 ☐ Other, specify Year:		
E.	Reporting Time Period (month/year): October 1, 2014 through September 30, 2015		
F.	Name of the Responsible Authority: Sharon L. Harris		
	Title: District Maintenance Administrator		
	Mailing Address: 801 N. Broadway Ave.		
	City: Bartow	Zip Code: 33830	County: Polk
	Telephone Number: (863) 519-2300	Fax Number: (863) 534-7045	
	E-mail Address: Sharon.Hedrickharris@dot.state.fl.us		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Steven Kelly		
	Title: Maintenance Environmental Specialist		
	Department: Maintenance		
	Mailing Address: 801 N. Broadway Avenue		
	City: Bartow	Zip Code: 33830	County: Polk
	Telephone Number: (863) 519-2762	Fax Number: (863) 534-7045	
	E-mail Address: Steven.Kelly@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): 4 (Does this number include non-major outfalls? ☐ Yes ☒ No ☐ Not Applicable)
B.	Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 5 (Does this number include non-major outfalls? ☐ Yes ☒ No ☐ Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? ☐ Yes ☒ No ☐ Not Applicable

SECTION III. MONITORING PROGRAM

A.	Provide a brief statement as to the status of monitoring plan implementation: The monitoring plan is carried out through an inter-local agreement with Polk County. Please see the Polk County Annual Report for the monitoring information.
B.	Provide a brief discussion of the monitoring results to date: This summary represents trends in water quality data obtained from Polk County monitoring stations where FDOT has a major outfall located upstream. The overall trend for Total Nitrogen is decreasing at 14 of the 24 monitoring stations included in the analysis. The overall trend for Total Phosphorus is decreasing at 18 of the 24 monitoring stations analyzed. FDOT recognizes the results from ambient water quality monitoring programs can be influenced by many factors, such as: atmospheric deposition; in situ nutrient loading; loading from non-point sources such as agriculture and septic systems; and ground water loading which cannot be directly correlated to an individual SWMP. However, FDOT believes its SWMP is being 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 use within the state highway system, an effective street sweeping and litter control program, and an approach for treating new and existing impervious areas. • *DEP Note: See Part V of the permit for the monitoring requirements. Each permittee must discuss the monitoring results as it relates to the implementation and effectiveness of their SWMP.*
C.	Attach a monitoring data summary, as required by the permit. Please see attached. Also see the Polk County Annual Report for the County's complete ambient monitoring information.

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: $1,739,921.00 *DEP Note: If program resources have decreased from the previous year, attach a discussion of the impacts on the implementation of the SWMP as per Part II.F of the permit.*
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: 1,990,478.00

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	***DEP Note: Please complete Checklists A & B at the end of the tailored form.***
☐	☒	Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.
☒	☐	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.
☐	☒	Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.
☐	☒	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.
☒	☐	Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.

DO NOT SUBMIT ANY OTHER MATERIALS

(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

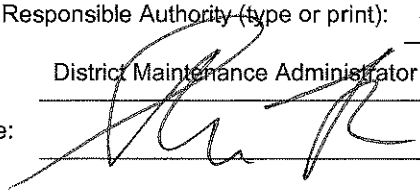
SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

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

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

Name of Responsible Authority (type or print): Sharon L. Harris

Title: District Maintenance Administrator

Signature:  Date: 3/24/16

	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
A.		**B.**	**C.**	**D.**	**E.**	**F.**
Permit Citation/SWMP Element		**Permit Requirement/Quantifiable SWMP Activity**	**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
Part III.A.1		**Structural Controls and Stormwater Collection Systems Operation**				
		Maintain an up-to-date inventory of the structural controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the types of control structures listed in Table II.A.1.a of the permit. Report the current known inventory. *<u>DEP Note</u>: The permittee needs to "customize" this section by adding any structural controls to the list below that are part of the permittee's MS4 currently or are planned for the future. The permittee may remove any structural controls listed that it does not have currently or will likely not have during this permit cycle. Please see the attached description of each type of structure. In addition, the permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.* Provide an inventory of all known major outfalls covered by the permit and a map depicting the location of the major outfalls (hard copy or CD-ROM). Provide the outfall inventory and map with the Year 1 Annual Report. Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained. If the minimum inspection frequencies set forth in Table II.A.1.a or the revised and approved FDOT Statewide Stormwater Management Program (SSWMP) that specifies minimum inspection frequencies were not met, provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met. *<u>DEP Note</u>: If the minimum inspection frequencies set forth in Table II.A.1.a, or the revised and approved SSWMP, were not met for one or more type of structure, the permittee must provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met. Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.*				

	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
	Type of Structure	Number of Activities Performed							Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities Based on inspections	Number of Routine Maintenance Activities	Percentage Maintained				
	Dry retention systems	99	40	40.40%	1	0	100%		NPDES Database and District One Polk County Storm Water Pond Mowing and Litter Removal Contract FPID: 427725-1-72-01	Consultant and FDOT Personnel and maintenance contractors	FDOT follows the inspection and maintenance schedules in the approved 2012 Statewide Stormwater Management Plan. Stormwater treatment facility inspection frequencies are based on Southwest Florida Water Management District (SWFWMD) ERP criteria. Number of routine maintenance activities are not tracked by structure type; therefore, they are reported as zero.
	Exfiltration trench / French drain systems	6	7	100%	2	0	11.56 %				
	Grass treatment swale systems	18	1	5.55%	0	0	100%				
	Dry detention systems	12	1	8.33%	0	0	100%				
	Wet detention systems	98	29	29.59%	4	0	100%				
	Wet retention systems	0	0	N/A	0	0	N/A				
	Ditch Block systems	25	8	32.00%	0	0	100%				

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Permit Citation/SWMP Element		Permit Requirement/Quantifiable SWMP Activity				Number of Activities Performed			Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities Based on inspections	Number of Routine Maintenance Activities	Percentage Maintained				
											Exfiltration trench/ French drain systems are maintained with MS4 pipes/ culverts and are not tracked by structure type, therefore, they are reported as percentage of linear feet maintained.
	Major stormwater outfalls	61	0	0.00%	0	20,452.20 linear feet	0%		Polk County Major Outfall Inventory spreadsheet	Consultant and FDOT Personnel	FDOT follows the inspection schedule in the approved 2012 Statewide Stormwater Management Plan. Major outfalls are inspected once every permit cycle based on the historic inspection records. Major outfall

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		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities Based on inspections	Number of Routine Maintenance Activities	Percentage Maintained			
										inspections were completed in 2012. The outfall pipes and culverts do receive routine maintenance under MMS Activity 451. Number of routine maintenance activities are not tracked by structure type; therefore, they are reported in linear feet.
	Weirs	1	0	0%	0	0	0%	NPDES Database	Consultant and FDOT Personnel	Weirs and other control structures are inspected concurrently with the stormwater detention facilities they are associated with. FDOT follows the inspection schedules for stormwater treatment
	Other control structures	110	30	27.27%	0	0	0%	NPDES Database	Consultant and FDOT Personnel	

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Permit Citation/SWMP Element		Permit Requirement/Quantifiable SWMP Activity				Number of Activities Performed		Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities Based on inspections	Number of Routine Maintenance Activities	Percentage Maintained			
										facilities in the approved 2012 Statewide Stormwater Management Plan. Inspection frequencies are based on Southwest Florida Water Management District (SWFWMD) ERP criteria. Maintenance was not required for any of the weirs or control structures inspected.
	MS4 pipes / culverts (linear feet)	176,931	20,452.20	11.56%	0	20,452.20 linear feet	11.56 %	RCI Feature 241 and MMS 451	FDOT Personnel	The inspections of the collection and conveyance system is addressed through the Maintenance Rating Program (MRP) as stated in the

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										approved 2012 Statewide Stormwater Management Plan.
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities Based on inspections	Number of Routine Maintenance Activities	Percentage Maintained			
	Inlets / catch basins / grates	7,793	143	1.83%	0	20, 452.20 linear feet	0%	RCI Feature 242, Maintenance Rating Program and MMS 451.	FDOT Personnel	Inlet/catch basin/grate and pipe cleaning maintenance are grouped together in MMS Activity 451. A maintenance percentage for inlets/catch basins/grates cannot be determined as the inventory is reported as individual items; however, maintenance is tracked by linear feet.
	Ditches / conveyance swales (linear feet)	4,098,483.84	320 each	0.00%	0	52, 014.10 linear feet	1.27%	RCI Feature 245, 421, Maintenance Rating Program and MMS 461 and 464.	FDOT Personnel	The inspections of these conveyance structures are addressed through the

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											FDOT MRP and the maintenance is addressed through MMS (Activity 461 and 464). Percent inspected cannot be provided because the inventory is provided in linear feet, but the inspections are provided as individual items.
	ATTACH explanation if any of the minimum inspection frequencies in Table II.A.1.a, or in the revised and approved SSWMP, were not met							Not applicable			
	Year 1 ONLY: Attach a map of all known major outfalls							Not Applicable			
Part III.A.2	**Areas of New Development and Significant Redevelopment**										
	Continue to employ the FDOT Drainage Connection Permit (DCP) 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 Southwest Florida Water Management District, as appropriate, to regulate the stormwater quality through local or State rules, ordinances, and codes. Report the number of enforcement referrals completed.										
	Number of enforcement referrals							0	2/4/16 Email from Jim Moyer, FDOT	FDOT Personnel	No enforcement referrals occurred during the reporting period.
Part III.A.3	**Roadways**										

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	Annually review (and revise, as needed) and implement the permittee's written procedures for the litter control program(s) for public streets, roads, and highways, including rights-of-way, employed within the permittee's jurisdictional area and properly dispose of collected material. Implement the program on a monthly, or on an as needed, basis. Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected. *DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. In addition, the permittee may choose its own units of measurement for the reporting items. Unit options for the amount of litter include: bags, cubic yards, pounds, tons. Unit options for the amount of area covered by the activity include: square feet, linear feet, yards, miles, acres. If all litter collection is performed by staff or by contractors, but not by both, please remove the non-applicable reporting items.*					
		PERMITTEE Litter Control Program: Frequency of litter collection	As Needed (varies from monthly to twice a week)	2/1/16 and 2/3/16 emails from Brent Finger, FDOT: FDOT Daily Ticket Report	FDOT Personnel	
		PERMITTEE Litter Control Program: Estimated amount of area maintained (acres)	5,761.8			
		PERMITTEE Litter Control Program: Estimated amount of litter collected (tons)	71.54			
		CONTRACTOR Litter Control Program: Frequency of litter collection	12 / year	1/27/16 email and Debris Disposal Sheet from Richard Archambault, TME Enterprises, Inc., Polk County ; 1/27/16 email and data from Scott Friedman, ICA.; 2/1/16 email and data from Yvonne Tucker, Transfield, 3/8/16 Email from Martin Smith, FDOT Maintenance Contracts Coordinator	FDOT Contractors	
		CONTRACTOR Litter Control Program: Estimated amount of area maintained (acres)	47426.15			
		CONTRACTOR Litter Control Program: Estimated amount of litter collected (tons)	478.35			
		CONTRACTOR Litter Control Program: Estimated amount of litter collected (cubic yards)	185.07	1/27/16 email and Debris		

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				Disposal Sheet from Richard Archambault, TME Enterprises, Inc., Polk County ; 1/27/16 email and data from Scott Friedman, ICA		
	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. *DEP Note: The permittee may choose its own unit of measurement for the amount of litter collected. Unit options include: bags, cubic yards, pounds, tons. If an Adopt-A-Road or similar program is not implemented by the permittee, please note that in Column F but do not remove the Adopt-A-Road Program reporting items.*					
		Adopt-A-Road Program: Total lane miles cleaned	36	2/22/16 email from Brent Finger, FDOT	Volunteer groups	There were 18 active groups during the permit period.
		Adopt-A-Road Program: Estimated amount of litter collected (pounds)	~ 4320			
	Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen (TN) and total phosphorus (TP) loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in the Year 1 Annual Report. *DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. Also, the permittee may choose its own unit of measurement for the amount of sweeping material collected. Unit options include: cubic yards, pounds, tons.* *DEP Note: If the permittee has curbs and gutters but no street sweeping program is implemented, the permittee must provide an explanation of why not in the Year 1 Annual Report. Refer to Part III.A.3 of the permit for the information that must be included in the explanation (including the alternate BMPs used or planned in lieu of street sweeping). Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.*					
		Frequency of street sweeping	13 / year	1/27/16 email and monthly disposal report from Scott Friedman, ICA; 2/1/16 email, data from Yvonne Tucker, Transfield and 3/22/16 email from Joseph Bell, FDOT	FDOT Contractors	
		Total number of curb miles swept (per year)	3,578.12			
		Estimated quantity of sweeping material collected (pounds)	417,404			
		Total nitrogen loadings removed (pounds)	235	FSA MS4 Load Reduction Toolkit for Polk	Consultants	Estimate of TN/TP based off of FSA MS4
		Total phosphorus loadings removed (pounds)	151			

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				County Street Sweeping Data		Load Reduction Toolkit
		Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned	Not Applicable			
	Annually review (and revise, as needed) and implement the permittee's written standard practices to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. Report the number of applicable facilities and the number of inspections conducted for each facility. *DEP Note: The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.*					
			Number of Inspections			
		Name of facility #1: Bartow Operations Center	2	Hazardous Materials, Borrow Pit, Fuel Facility and Stormwater Compliance Inspections for Bartow Operations Center report 2/25/2015; NPDES MS4 Permit Stormwater Inspection High Risk Industrial Facilities and Municipal Facilities inspection report 7/23/15	Gentry Richardson, Kenneth Boehle, Brian Gann, and Lance Huggett; FDOT Staff. Steven Kelly, FDOT District Maintenance Environmental Specialist.	Inspection was conducted on 2/25/15 and 7/23/15.
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					

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	systems that do not have treatment BMPs. *DEP Note: A "stormwater retrofit project" is one implemented primarily to provide stormwater treatment for areas currently without treatment.* *DEP Note: The status of the flood control and retrofit projects should be reported as of the last day of the applicable reporting period. Therefore, there should be no duplication for those reported as planned, for those reported as under construction and for those reported as completed.* *DEP Note: If applicable, please provide the title of the attached list of flood control projects that did not include stormwater treatment in Column D and the name of the entity who finalized the list in Column E.*					
		Flood control projects completed during the reporting period	0	FDOT's Adopted Five Year Work Program (July 1, 2014 thru June 30, 2019)	FDOT Personnel	FDOT does not construct flood control or stormwater retrofit projects. FDOT adheres to water quality and attenuation standards based on ERP permit requirements.
		Flood control projects completed during the reporting period that did not include stormwater treatment	0			
		ATTACH a list of the flood control projects that did not include stormwater treatment and an explanation for each of why it was not				
		Stormwater retrofit projects planned	0			
		Stormwater retrofit projects under construction during the reporting period	0			
		Stormwater retrofit projects completed during the reporting period	0			
Part III.A.5	**Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit**					
	Annually review (and revise, as needed) and implement written procedures for inspections and the implementation of measures to control discharges from the following facilities that are not otherwise covered by an NPDES stormwater permit: • FDOT waste transfer stations; • FDOT waste fleet maintenance facilities; and • Any other FDOT waste treatment, waste storage, and waste disposal facilities. Report the number of applicable facilities and the number of the inspections conducted for each facility. *DEP Note: The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted.* ***An applicable facility under Part III.A.5 includes, but is not limited to, those facilities/yards where street sweeping material and/or yard waste are temporary stockpiled.*** *In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.*					
			Number of Inspections			
		Name of facility #1: 0	0	1/25/2016 Email from Steven Kelly, FDOT Maintenance Environmental Specialist		There are no applicable FDOT facilities in Polk County which meet these criteria.

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Part III.A.6	**Pesticides, Herbicides, and Fertilizer Application**					
	Continue to require proper certification and licensing by the Florida Department of Agriculture and Consumer Services (FDACS) for all applicators contracted to apply pesticides, herbicides, or fertilizers on permittee-owned property, as well as any permittee personnel employed in the application of these products. Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. Report the number of permittee personnel and contractors who have been trained through the Green Industry BMP Program, and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed. *DEP Note: If "0" is reported in Column C for any of the reporting items, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training / certification was previously provided / obtained, and the names of the personnel and contractors previously trained / certified*.					
	PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides		2	Department of Agriculture and Consumer Services (FDACS) License #: PB10222 and PB10414	FDOT Personnel	
	CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides		8	FDACS Pesticide Certification Office Commercial Applicator License # CM22903, CM22686, CM21987, CM20474, CM19105, CM19056, CM19236, CM19055	FDOT Contractors	
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer		0	2/4/16 email from Martin Smith, FDOT Maintenance Contracts Coordinator	FDOT Contractors	FDOT currently does not have any fertilizer contracts and therefore does not have any certified

	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**
						fertilizer applicators.
		PERSONNEL: Green Industry BMP Program training completed	18	2/1/16 Email from Mark Barnes, FDOT Maintenance Manager	FDOT Personnel	FDOT is requiring all necessary personnel and contractors to complete the UF/IFAS Green Industry BMP Program pursuant to the permit and the approved 2012 Statewide Stormwater Management Plan. FDOT employees watched modules 1, 4, and 5 of the training video as these modules pertain to their work related activities.
		CONTRACTORS: Green Industry BMP Program training completed	0			There were no contractors reported with UF/IFAS Green Industry BMP Program Training.
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**					
	During Year 1 of the permit, develop and implement a written proactive inspection program plan for identifying and eliminating sources of illicit discharges, illicit connections, or dumping to the MS4. Beginning with the Year 2 Annual Report, report on the proactive inspection program, including the number of inspections					

	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**
	conducted, the number of illicit activities found, and the number of referrals completed. *DEP Note: If "0" is reported in Column C for the first reporting item, please include an explanation in Column F for why no proactive inspections were performed.* *DEP Note: Refer to Part III.A.7.c of the permit for what must be included in the written proactive inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.*					
		Proactive inspections performed by Polk County on behalf of a co-permittee for suspected illicit discharges / connections / dumping	0			Polk County does not perform proactive inspections on behalf of FDOT.
		Proactive inspections performed by the permittee for suspected illicit discharges / connections / dumping	280	Daily Crew Work Report, FDOT	FDOT Personnel	2080 hours per year based on 10 hour work days 2080 / 10 = 280 proactive inspections. Based on the assumption that, at a minimum, one (1) trained FDOT field staff is in the field each day. There were no illicit discharges found during proactive inspections.
		Illicit discharges / connections / dumping found during a proactive inspection	0			
		Number of enforcement referrals	0			
		Year 1 ONLY: Attach the written proactive inspection program plan	Not Applicable			
	Annually review (and revise, as needed) and implement the permittee's written procedures to conduct reactive investigations to identify and eliminate the source(s) of illicit discharges, illicit connections or improper disposal to the FDOT MS4 within the FDOT right-of-way, based on reports received from permittee personnel, contractors, citizens, or other entities regarding suspected illicit activity. Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of investigations conducted, the number of illicit activities found, and the number of enforcement referrals completed.					

	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**
		Reports of suspected illicit connections / discharges / dumping received	5	FDOT – District One Illicit Discharge Inspection Reports	FDOT Personnel	There were 5 reports of suspected illicit connections / discharges / dumping received and 2 illicit connections / discharges / dumping were found during investigations. However, both were corrected and there were no enforcement referrals.
		Reactive investigations received by the permittee of reports of suspected illicit discharges/ connections / dumping	5			
		Illicit discharges / connections / dumping found during a reactive investigation	2			
		Number of enforcement referrals	0			
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, fleet maintenance staff, and inspectors) and contractors to identify and report conditions in the stormwater facilities that may indicate the presence of illicit discharges / connections / dumping to the MS4. Refresher training shall be provided annually. Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training). *DEP Note: If "0" is reported for either reporting item, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training was previously provided / obtained, and the names of the personnel and contractors previously trained*.					
		Initial Training	**Refresher Training**			
	Personnel trained	0	16		FDOT Tier I IDDE Certifications of Completion, Environmental Process sign-in sheet from June 30, 2014, Illicit Discharge Safety Meeting sign-in sheet from July 1, 2014 and Environmental	FDOT Personnel	FDOT provides annual illicit discharge training to staff and contractors.

	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**
					Process sign-in sheet from July 15, 2014.		
	Contractors trained	2	3		FDOT Tier I IDDE Certifications of Completion	Contractors	
Part III.A.7.d	**Illicit Discharges and Improper Disposal — Spill Prevention and Response**						
	Annually review (and revise, as needed) and implement the permittee's written spill-prevention/spill-response plan and procedures to prevent, contain, and respond to spills that discharge into the MS4. Report on the spill prevention and response activities, including the number of spills addressed. *DEP Note: The permittee may report the number of hazardous material spills separately from the number of non-hazardous material spills, or report one combined number, to more accurately reflect its tracking of these spills.*						
	Hazardous and non-hazardous material spills responded to			3	FDOT Permit Tracking System (PITS) Database.	FDOT Personnel and Contractors	
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, firefighters, fleet maintenance staff and inspectors) and contractors on proper spill prevention, containment, and response techniques and procedures. Refresher training shall be provided annually. Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training). *DEP Note: If "0" is reported for either reporting item, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training was previously provided / obtained, and the names of the personnel and contractors previously trained*.						
		Initial Training	**Refresher Training**				
	Personnel trained	0	0			2/4/16 email from Steven Kelly, FDOT Maintenance Environmental Specialist	The Bartow Operations Center did have a safety meeting during the reporting period that dealt with accident related spills, identification and proper procedures for protecting the traveling public. However, we do not
	Contractors trained	0	0				

	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**
						have a sign-in sheet to document this training. We will improve our tracking process to document the spill training provided to FDOT staff and contractors.
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. *<u>DEP Note:</u> If "0" is reported in Column C, please include in Column F an explanation for why no notices were distributed. If the number of notices distributed is different than the number of DCPs issued, please include in Column F an explanation for this difference.*					
	Number of notices distributed		0		FDOT Personnel	The distribution of the drainage connection permit notices could not be verified during the permit period. Going forward, notices will be distributed.
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 or Florida Turnpike Enterprise's MS4. Report the number of violations referred to the appropriate utility owner and the name of the utility owner.					

	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**
		Number of violations referred to the appropriate utility owner	0	1/22/2016 Email from Steven Kelly, FDOT Maintenance Environmental Specialist	FDOT Personnel	No known violations occurred during the permit period.
		Name of owner of the sanitary sewer system	N/A			
Part III.A.8.a	**Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections**					

Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface water body into which each high risk facility discharges. For the purposes of this permit, high risk facilities include:

- Operating municipal landfills;
- Hazardous waste treatment, storage, disposal and recovery facilities;
- Facilities that are subject to EPCRA Title III, Section 313 (also known as the Toxics Release Inventory (TRI) maintained by the U.S. EPA); and
- Any other industrial or commercial discharge that the permittee determines is contributing a substantial pollutant loading to the permittee's MS4. This could include facilities identified through the proactive inspection program as per Part III.A.7.c of the permit.

Report on the high risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year

DEP Note: The TRI is updated every spring / summer by the U.S. EPA at www.epa.gov/triexplorer. Select "Facility" on the left, chose your Geographic Location, and then select "Generate Report." Please indicate in Column F when (month / year) you last checked EPA's TRI for applicable facilities.

During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facility outfalls to the FDOT/Florida Turnpike Enterprise MS4 to determine compliance with all appropriate aspects of the stormwater program. While the permittee may determine the order and frequency of the inspections, the permittee shall inspect each identified facility's outfall(s) at least once during the permit term; however, facilities identified as high risk due to the findings of the proactive inspection program as per Part III.A.7.c of the permit shall be inspected annually. Report on the high risk facility inspection program, including the number of outfall inspections conducted and the number of enforcement referrals completed.

DEP Note: If "0" is reported for the number of outfall inspections conducted and the permittee has one or more high risk facilities, please provide an explanation in Column F for why no inspections were conducted.

	Number of Facilities	**Number of Inspections**	**Number of Enforcement Referrals**			
Total high risk facilities	1	1	0	2014 Toxic Release Inventory and PITS Permit Database	FDOT Personnel and Consultants	1 High Risk facility was identified during the screening process last
New high risk facilities added to the inventory during the current reporting period	0	0	0			
Operating municipal landfills	0	0	0			
Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0			

	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
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Permit Citation/SWMP Element		**Permit Requirement/Quantifiable SWMP Activity**	**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
	EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)	1 1 0				permit year. The inspection occurred on 12/2/2015.
	Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c	0 0 0				
	Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)	0 0 0				
Part III.A.8.b	**Industrial and High-Risk Runoff — Monitoring for High Risk Industries**					
	{Not Applicable to FDOT}					
Part III.A.9.a	**Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices**					
	Employ FDOT Drainage Connection Permit (DCP) conditions that include the use of stormwater, erosion, and sedimentation control BMPs during construction to reduce pollutants to the MS4 and receiving waters. Report the number of permits issued.					
	Number of DCPs/Special Permits issued		41	FDOT Permit Tracking System (PITS) Database	FDOT Personnel	DCPs approved during the permit year.
Part III.A.9.b	**Construction Site Runoff — Inspection and Enforcement**					
	As an attachment to the Year 1 Annual Report, the permittee shall submit a written plan that details the standard operating procedures for implementation of the stormwater, erosion and sedimentation inspection program for construction sites discharging stormwater to the MS4. The permittee shall implement the plan for inspecting construction sites <u>immediately upon written approval by the Department</u>. Prior to Department approval, the permittee shall continue to perform inspections in accordance with its previously developed construction site inspection procedures. Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken. *<u>DEP Note:</u> For FDOT/Florida Turnpike Enterprise, privately-operated sites are those sites within FDOT's right-of-way that were issued a DCP and the inspections are outfall inspections, not site inspections. In addition, FDOT should re-word the "Corrective action notices issued" reporting item to more accurately reflect its particular initial action taken when violations are found at FDOT-operated construction sites, if necessary.* *<u>DEP Note:</u> If "0" is reported in Column C for the number of inspections conducted, please provide an explanation in Column F of why no inspections were conducted. If the number of inspections reported is equal to or less than the number of active construction sites, or the percentage inspected is less than 100%, please provide an explanation in Column F.* *<u>DEP Note:</u> Refer to Part III.A.9.b of the permit for what must be included in the construction site inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.*					
	PERMITTEE SITES: Active construction sites		24	NPDES SWPPP Status	FDOT Personnel	Construction inspections are

	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
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Permit Citation/SWMP Element		**Permit Requirement/Quantifiable SWMP Activity**	**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
	PERMITTEE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs		34	spreadsheets	FDOT Personnel and Contractors	conducted based on FDOT D1's Standard Operating Procedures. Due to the variations in project start and end dates, not all active construction sites were inspected during the permit period.
	PERMITTEE SITES: Percentage of active construction sites inspected		79.17%			
	PERMITTEE SITES: Corrective action notices issued		8	Deficiency Letter/ Warnings Detail Report	FDOT Contractors	Deficiency warning letters and deficiency letters were sent to the construction contractor.
	PRIVATE SITES: Active construction sites		35	2/4/16 email from Jim Moyer, FDOT Permits Coordinator	FDOT Personnel and Contractors	
	PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs		73			
	PRIVATE SITES: Percentage of active construction sites inspected		100%			
	PRIVATE SITES: Number of enforcement referrals		0	2/4/16 email from Jim Moyer, FDOT Permits Coordinator II	FDOT Personnel	
	Year 1 ONLY: Attach the written construction site inspection program plan		Not Applicable			
Part III.A.9.c	**Construction Site Runoff — Site Operator Training**					
	During Year 1 of the permit, develop and implement a written plan for stormwater training / outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by or under contract with the permittee) involved in the site plan review, inspection or construction of stormwater management, erosion, and sedimentation controls. Also provide training for private construction site operators. All permittee inspectors (employed by or under contract with the permittee) of construction sites shall be certified through the Florida Stormwater, Erosion and Sedimentation Control Inspector Training program, or an equivalent program approved by the Department. Refresher training shall be provided annually. Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training), and the number of private construction site operators trained by the permittee. *DEP Note: If "0" is reported for any of these reporting items, please include in Column F an explanation of why training was not provided to / obtained by the*					

	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE						
A.		**B.**			**C.**	**D.**	**E.**	**F.**
Permit Citation/SWMP Element		**Permit Requirement/Quantifiable SWMP Activity**			**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
	permittee's staff and private construction site operators during the applicable reporting year. *DEP Note: The permittee should report only the number of staff and private construction site operators trained / certified during the applicable reporting year, and then note in Column F the number of staff who were previously trained / certified. Private site operator training can include pre-construction meetings*							
		Inspector Certification Training	**Non-Inspector Initial Training (non-certification)**	**Refresher Training**				
	FDOT construction site inspectors / site plan reviewers and site operators	8	0	41		FDEP Stormwater, Erosion & Sedimentation Control sign-in sheets and Pre-Construction conference sign-in sheets	Local Co-permittees and FDOT Personnel	FDOT continues to promote staff and contractor training for erosion and sediment controls. Refresher training is provided to previously trained staff and contractors.
	Private contractors	0	0	38				

SECTION VIII. EVALUATION OF THE STORMWATER MANAGEMENT PROGRAM (SWMP)		
	Permit Citation/ SWMP Element	**SWMP EVALUATION**
A.	**Part II.A.1 Structural control inspection and maintenance**	Strengths: 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 inspection program, consistent with WMD ERP inspection criteria. Stormwater conveyance structures are inspected and maintained consistent with the Department's Maintenance Rating Program (MRP) as detailed in the approved 2012 FDOT Statewide Stormwater Management Plan. 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.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.2 Significant redevelopment	Strengths: FDOT District One continues to implement Chapter 14-86 FAC to ensure off-site facilities connecting to FDOT's right-of-way through Drainage Connection Permits (DCPs) meet existing water quality standards.
		Weaknesses: None noted at this time.

SECTION VIII. EVALUATION OF THE STORMWATER MANAGEMENT PROGRAM (SWMP)		
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.3 Roadways	Strengths: FDOT District One maintains an active roadway management program. This program includes: litter pick-up, Adopt-A-Highway, street sweeping and annual inspections of its maintenance yards.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.4 Flood control	Strengths: 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 permit requirements.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.5 Waste TSD Facilities	Strengths: There are no applicable FDOT facilities in Polk County which meet the criteria listed. Currently, FDOT does not temporarily stockpile street sweeping material and/or yard waste at its maintenance yards.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.6 Pesticide, herbicide, fertilizer application	Strengths: 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 Florida Department of Agriculture and Consumer Services (FDACS) for all personnel and contractors applying pesticides or herbicides on FDOT property or rights-of-way. It is FDOT's intention to reduce the amount of fertilizer used. FDOT requires all necessary FDOT personnel and contractors to complete the FDOT Green Industry BMP Program, pursuant to the permit and the approved 2012 Statewide Stormwater Management Plan.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.
	Part II.A.7 Illicit Discharge Detection and Elimination	Strengths: FDOT District One implements its inspection and maintenance through the MRP/MMS program, which provides significant coverage of the FDOT MS4. The fundamental component of a proactive illicit discharge program is inspectors visiting all areas of the MS4. This is achieved through the MRP/MMS program. FDOT staff are 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. Additionally, FDOT has implemented its maintenance contractor training program so that FDOT maintenance contractors that work in the field are trained to recognize and report illicit discharges and connections.
		Weaknesses: The Bartow Operations Center did have a safety meeting during the reporting period that dealt with accident related spills, identification and proper procedures for protecting the traveling public. However, we do not have a sign-in sheet to document this training.
		SWMP Revisions to address deficiencies: We will improve our tracking process to document the spill training provided to FDOT staff and contractors.
	Part II.A.8 High Risk Industry Runoff	Strengths: FDOT District One screens all approved Drainage Connection Permits (DCP) against the most recent EPA Toxic Release Inventory (TRI). Any facility that has an approved DCP is and also listed on EPA's TRI list is added to FDOT's high risk inventory and is 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 consistent with the SOPs.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.

SECTION VIII. EVALUATION OF THE STORMWATER MANAGEMENT PROGRAM (SWMP)		
	Part II.A.9 Construction Site Runoff	Strengths: FDOT has a standard operating procedure in place to ensure that FDOT construction sites are being inspected on a routine basis. All FDOT construction projects that require NPDES 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 drainage connection permit requires that all construction projects draining to the Department's MS4 meet water quality treatment 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.
		Weaknesses: None noted at this time.
		SWMP Revisions to address deficiencies: None noted at this time.

SECTION IX. 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.** *DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.*
		None noted at this time.
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)** *DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.*
		None noted at this time.

CHECKLIST A: ATTACHMENTS TO BE SUBMITTED WITH THE ANNUAL REPORTS

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

Attached	N/A	Rule / Permit Citation	Required Attachment	Attachment Number	Attachment Title
☐	☒	Part II.F	**EACH ANNUAL REPORT:** If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.		
☐	☒	Part III.A.1	**EACH ANNUAL REPORT:** An explanation of why the minimum inspection frequency in Table II.A.1.a or in a revised/approved FDOT SSWMP, was not met, if applicable.		
☐	☒	Part III.A.4	**EACH ANNUAL REPORT:** 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 V.B.9	**EACH ANNUAL REPORT:** Reporting and assessment of monitoring results. **[Also addressed in Section III of the Annual Report Form]**	Appendix A	Monitoring Program
☒	☐	Part VI.B.2	**EACH ANNUAL REPORT:** An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, at a minimum, must include responses to the questions listed in the permit.		See Section VIII of the Annual Report form.
☐	☒	Part VIII.B.3.e	**EACH ANNUAL REPORT:** A status report on the implementation of the requirements in this section of the permit and on the estimated load reductions that have occurred for the pollutant(s) of concern.		
☐	☒	Part VIII.B.4.f	**EACH ANNUAL REPORT after approval of the BPCP:** The status of the implementation of the Bacterial Pollution Control Plan (BPCP).		
☐	☒	Part III.A.1	**YEAR 1:** An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM).		
☐	☒	Part III.A.3	**YEAR 1:** If have curbs and gutters but no street sweeping program, an explanation of why no street sweeping program and the alternate BMPs used or planned.		
☐	☒	Part III.A.7.c	**YEAR 1:** A proactive illicit discharge / connection / dumping inspection program plan.		
☐	☒	Part III.A.9.b	**YEAR 1:** A construction site inspection program plan. **[For approval by DEP]**		
☐	☒	Part V.A.2	**YEAR 3:** Estimates of annual pollutant loadings and EMCs, and a table comparing the current calculated loadings with those from the previous two Year 3 ARs.		
☐	☒	Part V.A.3	**YEAR 4:** If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.		
☐	☒	Part V.B.3	**YEAR 4:** The monitoring plan (with revisions, if applicable).		
☒	☐	Part VII.C	**YEAR 4:** An application to renew the permit.	N/A	See Cover Letter
☒	☐	Part VIII.B.3.d	**YEAR 4:** A TMDL Implementation Plan / Supplemental SWMP.	Appendix B	TMDL Implementation Plan / Supplemental SWMP

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

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

Did not complete review of existing SOP / Plan	Developed new written SOP / Plan	Reviewed & no revision needed to existing SOP / Plan	Reviewed & revised existing SOP / Plan	Permit Citation	Description of Required SOPs / Plans
☐	☐	☒	☐	Part III.A.1	SOP and/or schedule of inspections and maintenance activities of the structural controls and roadway stormwater collection system.
☐	☐	☒	☐	Part III.A.3	SOP for the litter control program.
☐	☐	☒	☐	Part III.A.3	SOP for the street sweeping program.
☐	☐	☒	☐	Part III.A.3	SOP for inspections of equipment yards and maintenance shops that support road maintenance activities.
☐	☐	☒	☐	Part III.A.5	SOP for inspections of waste treatment, storage, and disposal facilities not covered by an NPDES stormwater permit.
☐	☐	☒	☐	**Part III.A.7.c**	**Plan for proactive illicit discharge / connections / dumping inspections.***
☐	☐	☒	☐	Part III.A.7.c	SOP for reactive illicit discharge / connections / dumping investigations.
☐	☐	☒	☐	Part III.A.7.c	Plan for illicit discharge training.
☐	☐	☒	☐	Part III.A.7.d	SOP for spill prevention and response efforts.
☐	☐	☒	☐	Part III.A.7.d	Plan for spill prevention and response training.
☐	☐	☒	☐	Part III.A.8	SOP for inspections of high risk industrial facility outfalls.
☐	☐	☒	☐	**Part III.A.9.b**	**Plan for inspections of construction sites.***
☐	☐	☒	☐	Part III.A.9.c	Plan for stormwater, erosion and sedimentation BMPs training.

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

REMINDER LIST OF THE TMDL / BMAP REPORTS TO BE SUBMITTED SEPARATELY FROM AN ANNUAL REPORT		
Rule / Permit Citation	**Report Title**	**Due Date**
Part VIII.B.3.a	**6 MONTHS from effective date of permit:** TMDL Prioritization Report.	7/1/13
Part VIII.B.3.b	**12 MONTHS from effective date of permit:** TMDL Monitoring and Assessment Plan.	1/1/14
Part VIII.B.3.c	**6 MONTHS from receiving analyses from the lab:** TMDL Monitoring Report.	Monitoring ongoing
Part VIII.B.4	**30 MONTHS from start date per TMDL Prioritization Report:** A Bacterial Pollution Control Plan (BPCP).	Approved 2/15

BMAP Reporting

MS4 permittees are NOT required to submit the annual report required by any BMAP that applies to them since the NPDES Stormwater Staff can obtain them from the department's Watershed Planning and Coordination staff. However, to assure that the stormwater staff are aware of which BMAPs apply to the MS4 permittees and when the latest BMAP annual report was submitted, please complete the information below, if applicable:

Rule/Permit Citation	BMAP Title	Date BMAP Annual Report Submitted to DEP
Part VIII.B.2	Lake Okeechobee BMAP	Pending
Part VIII.B.2		
Part VIII.B.2		
Part VIII.B.2		

END OF REVISED TAILORED MS4 AR FORM – CYCLE 3 PERMIT

LIST OF APPENDICES

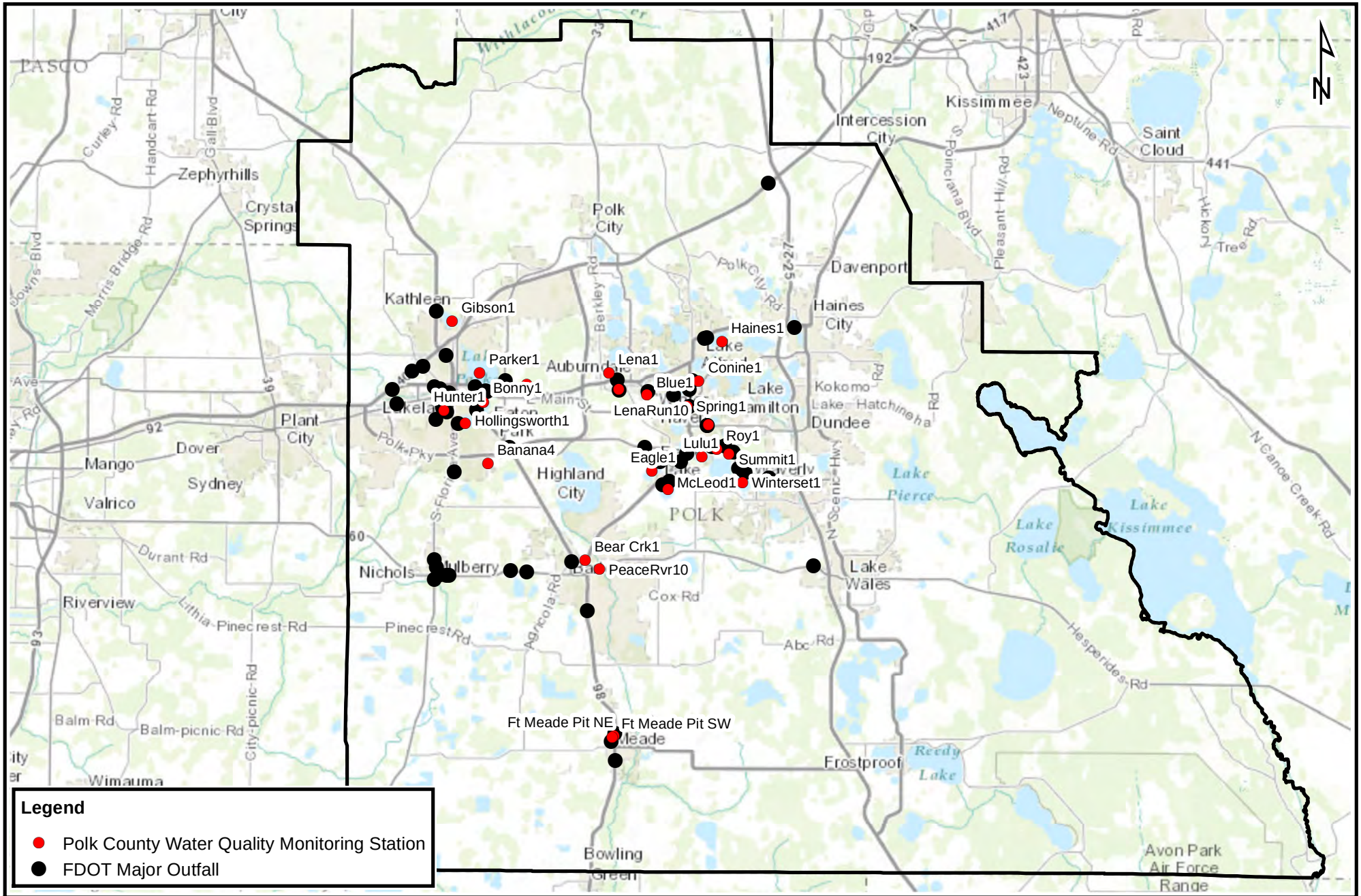
APPENDIX A

Monitoring Program
(Permit Section III.A)

Monitoring Program
(Permit Section III.A)

Item	**Documentation/Record**
Water Quality Monitoring Map	Locations of FDOT major outfalls and corresponding Polk County water quality monitoring stations
Water Quality Analysis	Charts and trends of nutrients for waterbodies where there are FDOT major outfalls and corresponding Polk County water quality monitoring stations

P:\Projects\1-1400-1499\1-1464-033\3_data and research\GIS\POLK_Water_quality_ambient_monitoring.mxd



FDOT Water Quality Monitoring

Polk County

Location Map

FIGURE 1

DRAWN BY:	CHECKED BY:	PROJECT NUMBER:	SCALE:	DATE:
JM	DR	1-1464-33	1 " = 40,000 '	3/27/2014

Water Quality Analysis
(Permit Section III.A)

Polk County collected data for Total Nitrogen (TN) and Total Phosphorus (TP) at each of the stations listed in Table 1 from January 2004 to December 2015.

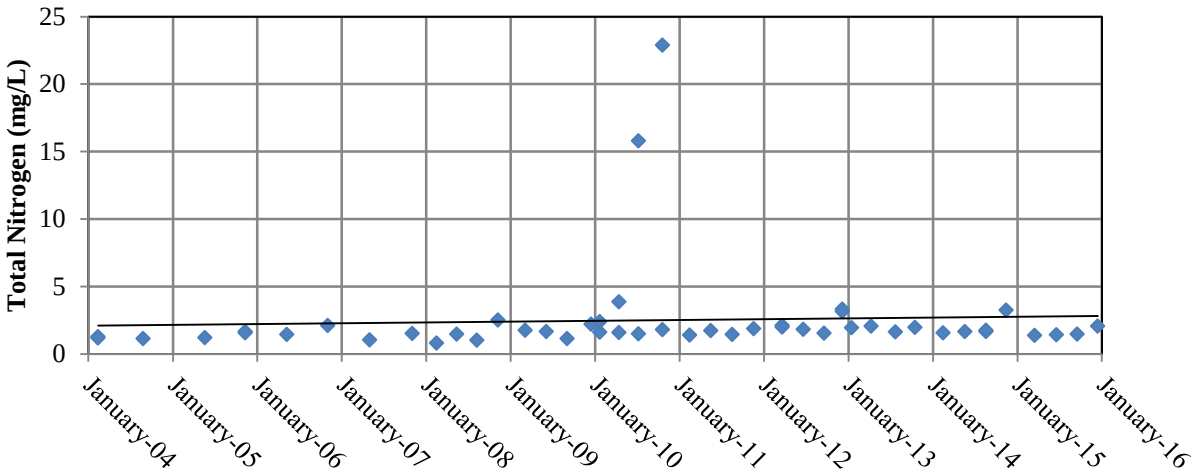
Below represents trends in water quality data obtained from Polk County monitoring stations where FDOT major outfalls have an influence in ambient water quality. FDOT's approach included mapping the Polk County ambient water quality monitoring stations along with FDOT's major outfalls. Only data from the County's ambient water quality monitoring stations that were located downstream from an FDOT major outfall were analyzed. The Polk County water quality stations which do not receive any influence from FDOT major outfalls are not reported here, and in some cases, there were no monitoring stations downstream of FDOT major outfalls to report.

Table 1 provides a list of FDOT major outfalls and the associated Polk County monitoring stations. Figure 1 shows the locations of the FDOT major outfalls and the Polk County monitoring stations. Tables 2 through 49 show the water quality data at the Polk County monitoring stations and the trend analysis.

Table 1. FDOT major outfall and associated Polk County water quality monitoring station

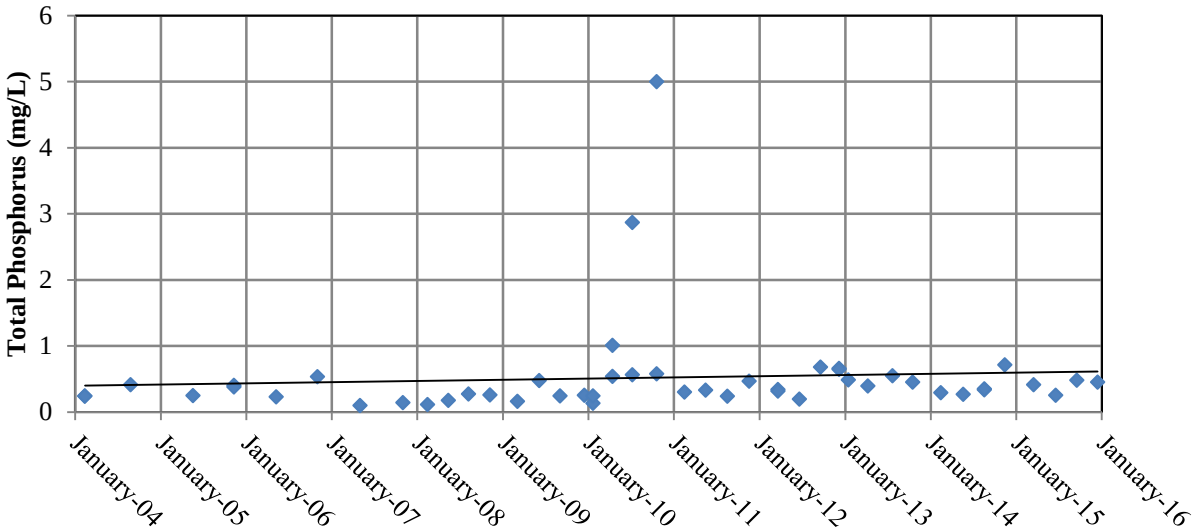
Outfall ID	**Polk County Station ID**	**Outfall ID**	**Polk County Station ID**
FDOT-35-170	Gibson1	FDOT-37-10	none
FDOT-563-15	Hunter1	FDOT-60-25	none
FDOT-37-65	Hunter1	FDOT-60-130	none
FDOT-563-8	Hunter1	FDOT-37-15	none
FDOT-37-60	Hollingsworth1	FDOT-37-10	none
FDOT-546-30	Parker1	FDOT-60-25	none
FDOT-546-75	Parker1	FDOT-60-30	none
FDOT-600-30	Parker1	FDOT-555-35	none
FDOT-659-15	Saddle Crk Pk Y	FDOT-555-40	Lulu1
FDOT-35-145	Bonny1	FDOT-540-65	none
FDOT-35-135	Banana4	FDOT-540-60	Summit1
FDOT-60-45	none	FDOT-542-05	Ltl Elbert1
FDOT-60-35	none	FDOT-555-55	Spring1
FDOT-37-50	none	FDOT-544-115	Hartridge1
FDOT-540-70	Winterset1	OF187	none
FDOT-540-75	none	FDOT-555-85	Conine1
FDOT-600-210	Lena1	FDOT-35-155	Parker1
FDOT-655-10	Lena Run10	FDOT-600-235	none
FDOT-544-90	Blue1	OF16120-3504-03	Eagle1
FDOT-35-105	none	OF16300-3511-05	none
FDOT-35-100	Peace Rvr10	OF16300-3511-03	Roy1
FDOT-555-25	McLeod1	OF16300-3511-01	none
FDOT-555-30	McLeod1	OF16118-3503-03	none
FDOT-35-65	Ft Meade Pit NE	OF16320-3408-11	none
FDOT-35-50	Ft Meade Pit SW	OF16320-3409-01	none
FDOT-600-275	Haines1	Polk5	none
FDOT-600-280	Haines1	FDOT-542-07	Ltl Elbert1

Table 2. Total Nitrogen at Banana4 (FDOT major outfall: FDOT-35-135)



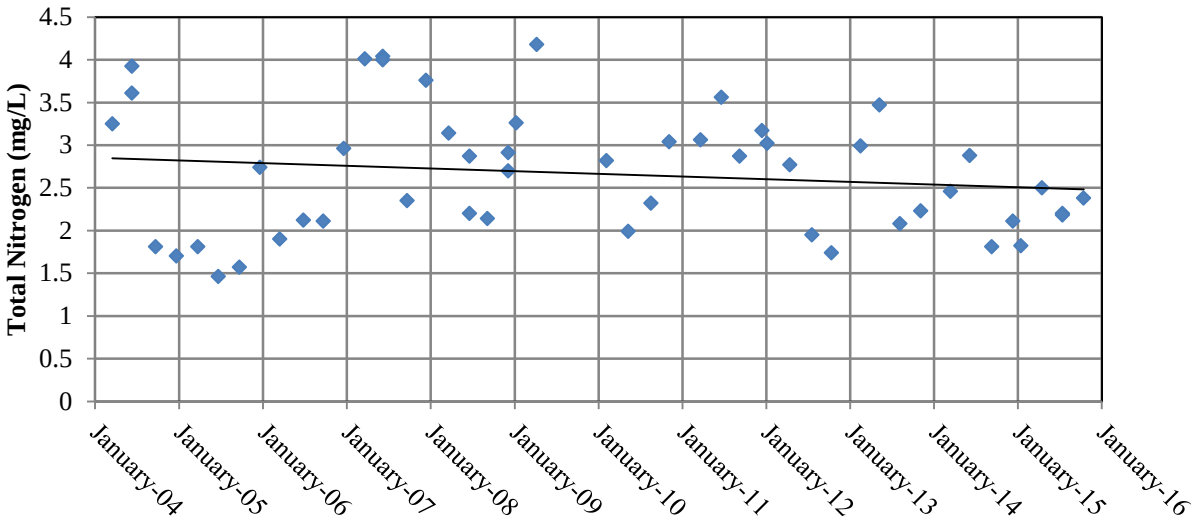
There is an overall positive trend in Total Nitrogen at Banana4.

Table 3. Total Phosphorus at Banana4 (FDOT major outfall: FDOT-35-135)



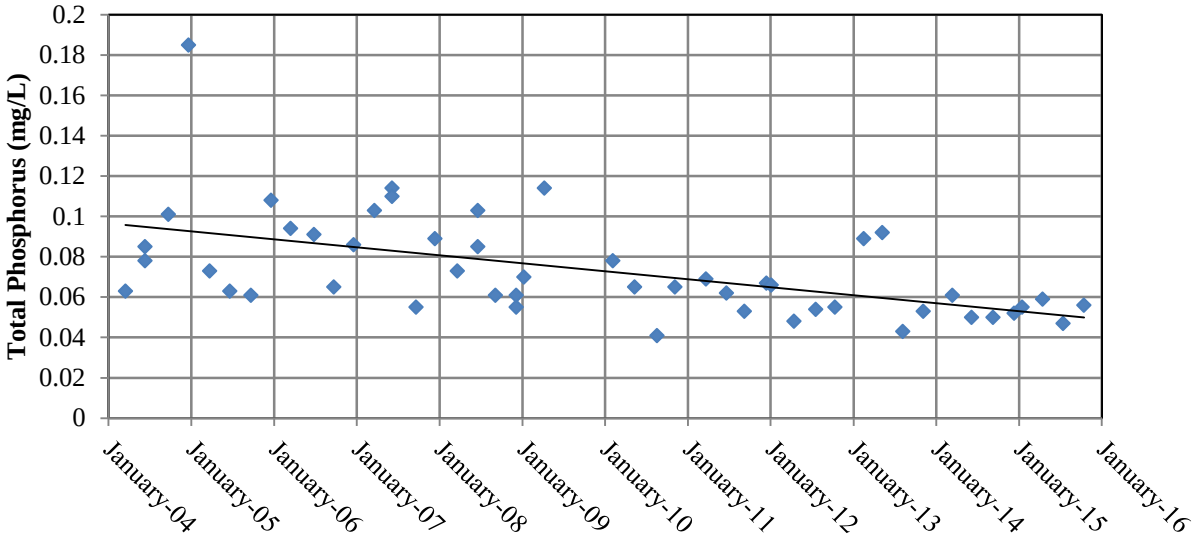
There is an overall positive trend in Total Phosphorus at Banana4.

Table 4. Total Nitrogen at Blue1 (FDOT major outfall: FDOT-544-90)



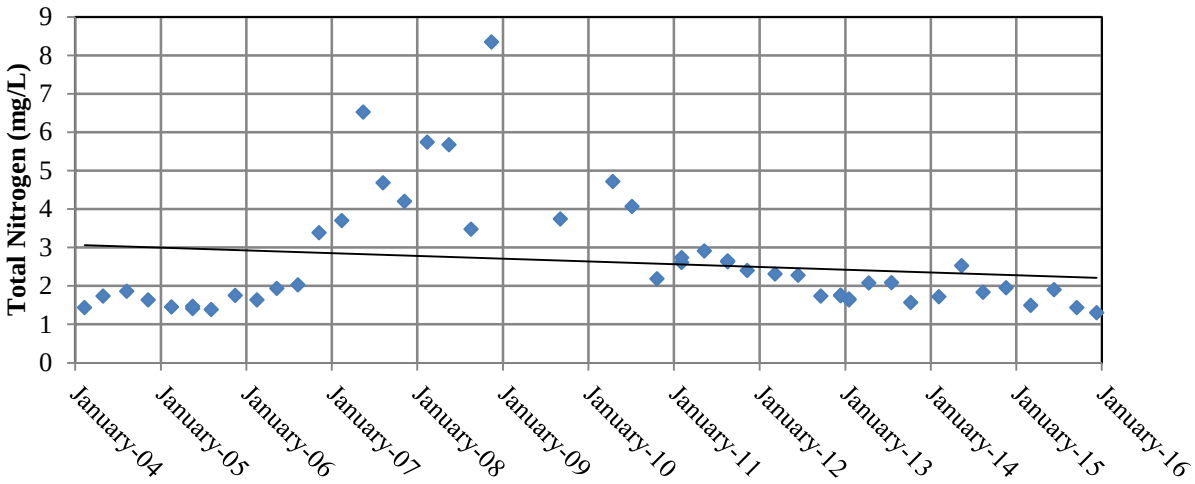
There is an overall negative trend in Total Nitrogen at Blue1.

Table 5. Total Phosphorus at Blue1 (FDOT major outfall: FDOT-544-90)



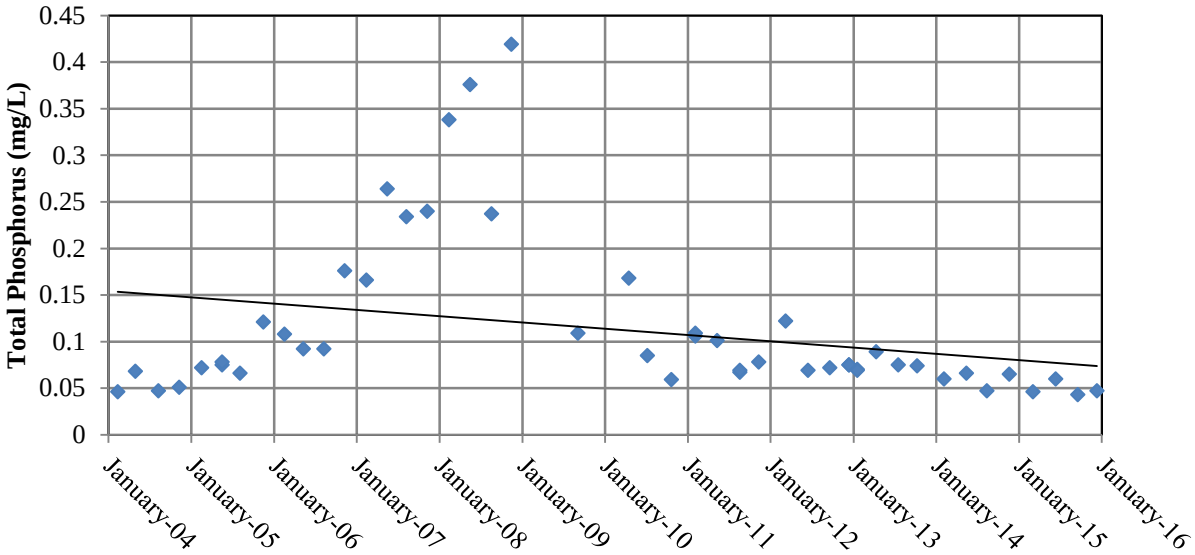
There is an overall negative trend in Total Phosphorus at Blue1.

Table 6. Total Nitrogen at Bonny1 (FDOT major outfall: FDOT-35-145)



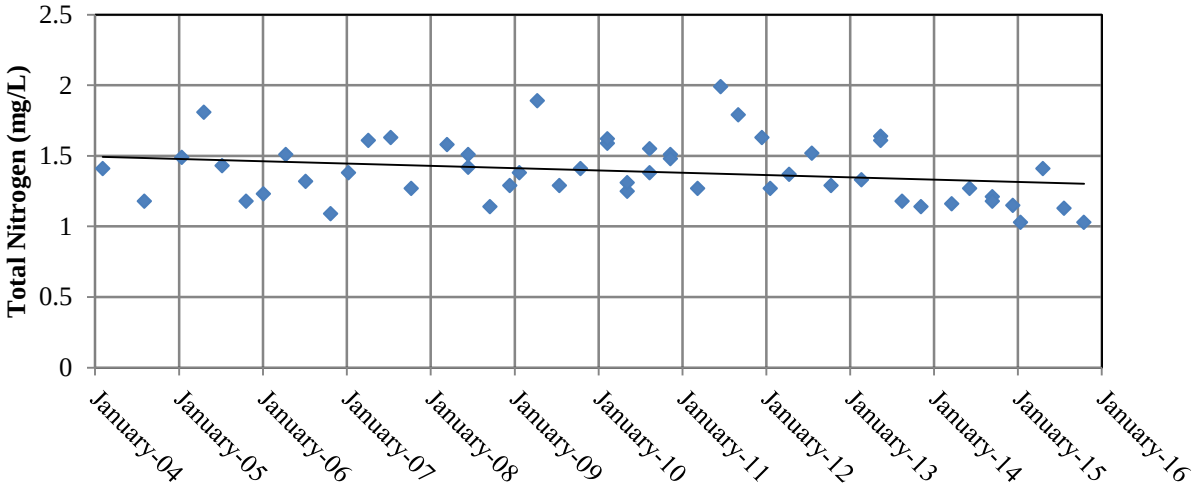
There is an overall negative trend in Total Nitrogen at Bonny1.

Table 7. Total Phosphorus at Bonny1 (FDOT major outfall: FDOT-35-145)



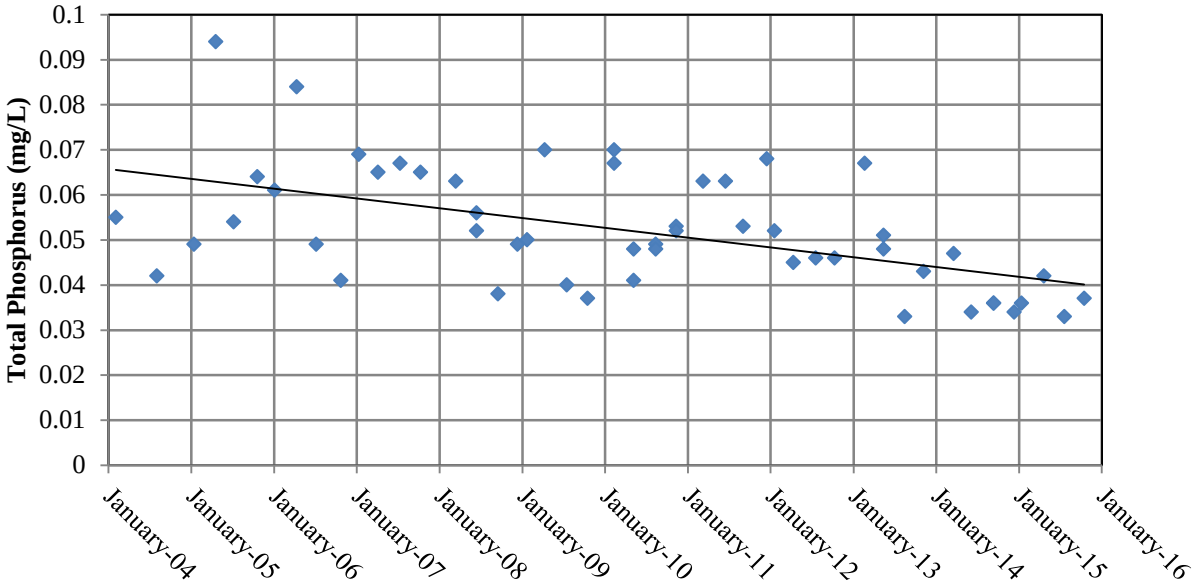
There is an overall negative trend in Total Phosphorus at Bonny1.

Table 8. Total Nitrogen at Conine1 (FDOT major outfall: FDOT-555-85)



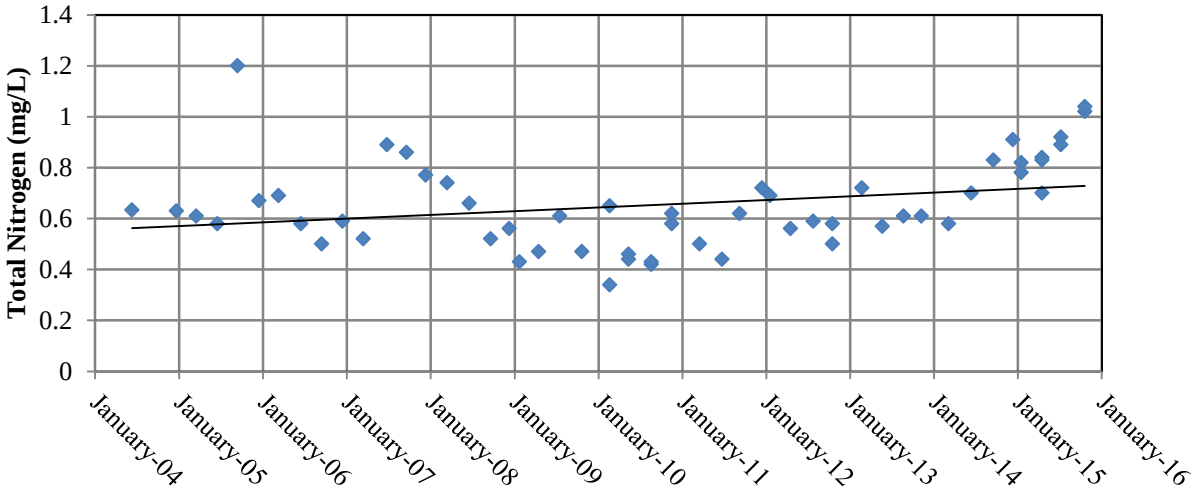
There is an overall negative trend in Total Nitrogen at Conine1.

Table 9. Total Phosphorus at Conine1 (FDOT major outfall: FDOT-555-85)



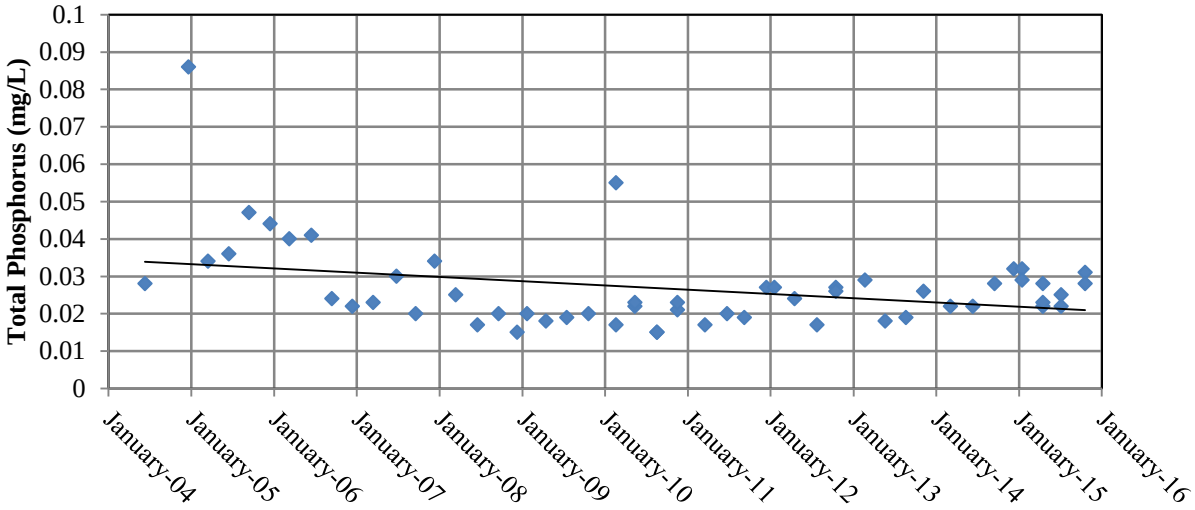
There is an overall negative trend in Total Phosphorus at Conine1.

Table 10. Total Nitrogen at Eagle1 (FDOT major outfall: OF16120-3504-03)



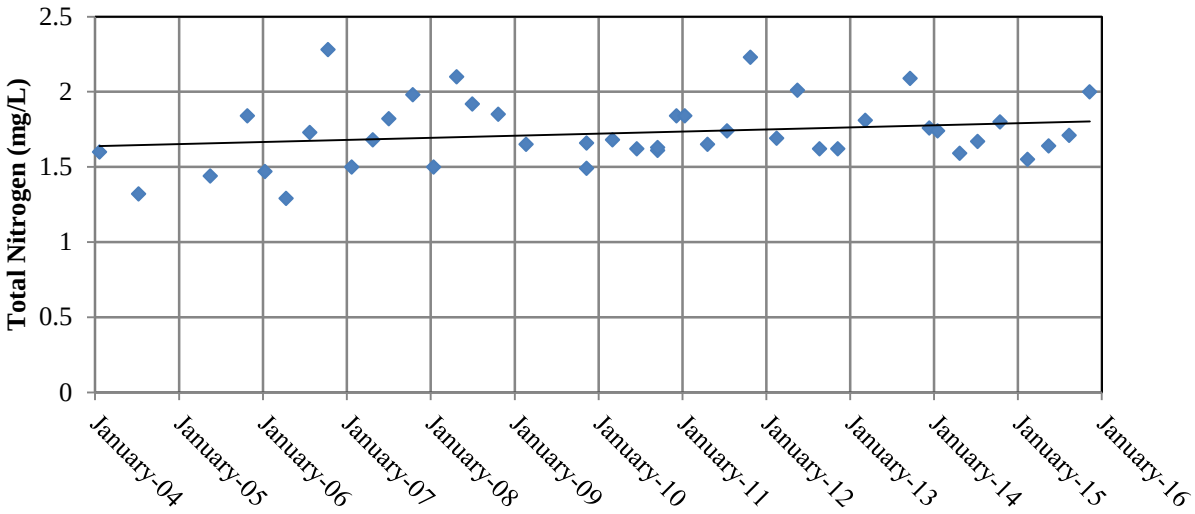
There is an overall positive trend in Total Nitrogen at Eagle1.

Table 11. Total Phosphorus at Eagle1 (FDOT major outfall: OF16120-3504-03)



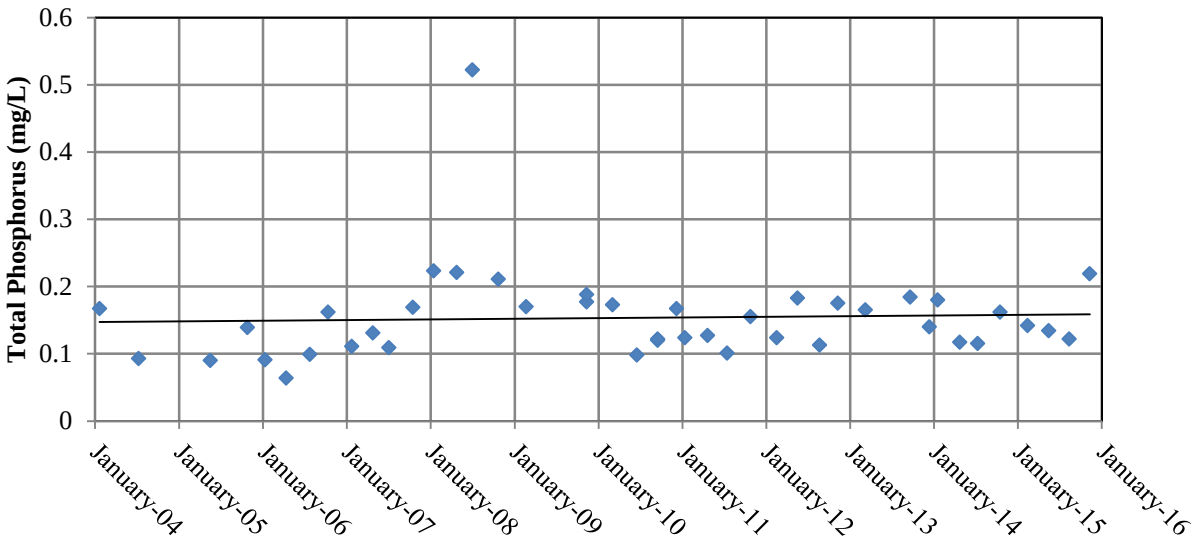
There is an overall negative trend in Total Phosphorus at Eagle1.

Table 12. Total Nitrogen at Ft Meade Pit NE (FDOT major outfall: FDOT-35-65)



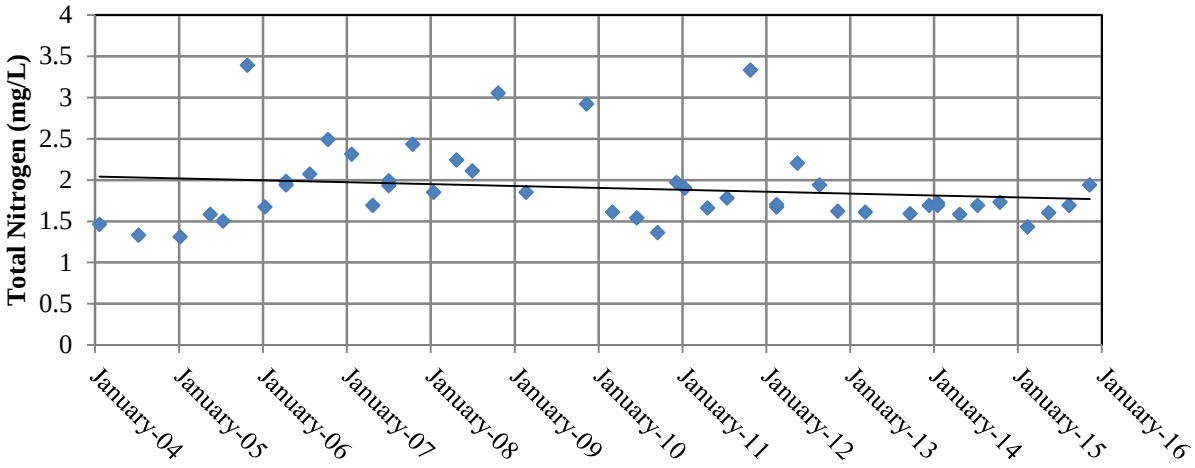
There is an overall positive trend in Total Nitrogen at Ft Meade Pit NE.

Table 13. Total Phosphorus at Ft. Meade Pit NE (FDOT major outfall: FDOT-35-65)



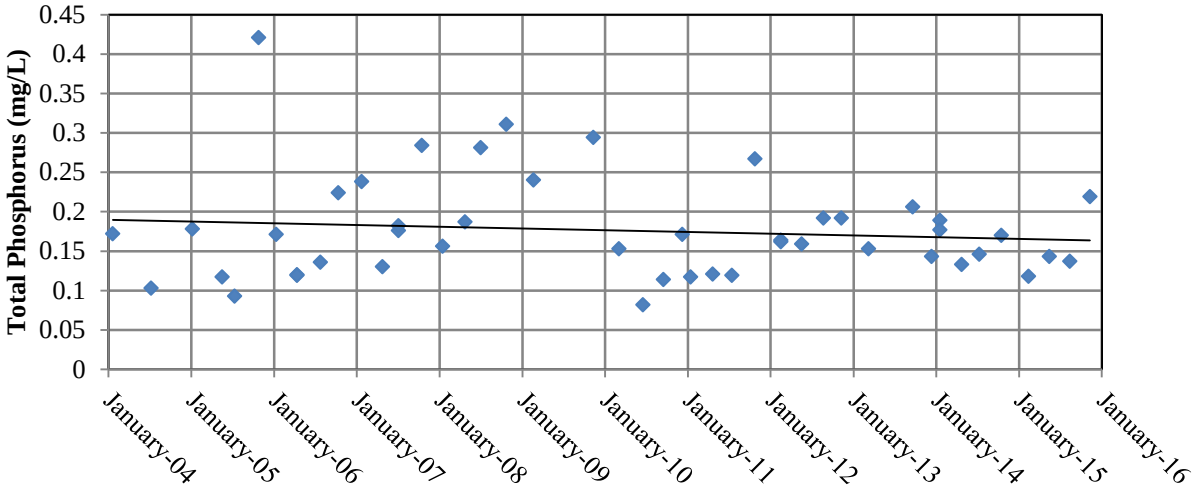
There is an overall positive trend in Total Phosphorus at Ft Meade Pit NE.

Table 14. Total Nitrogen at Ft Meade Pit SW (FDOT major outfall: FDOT-35-50)



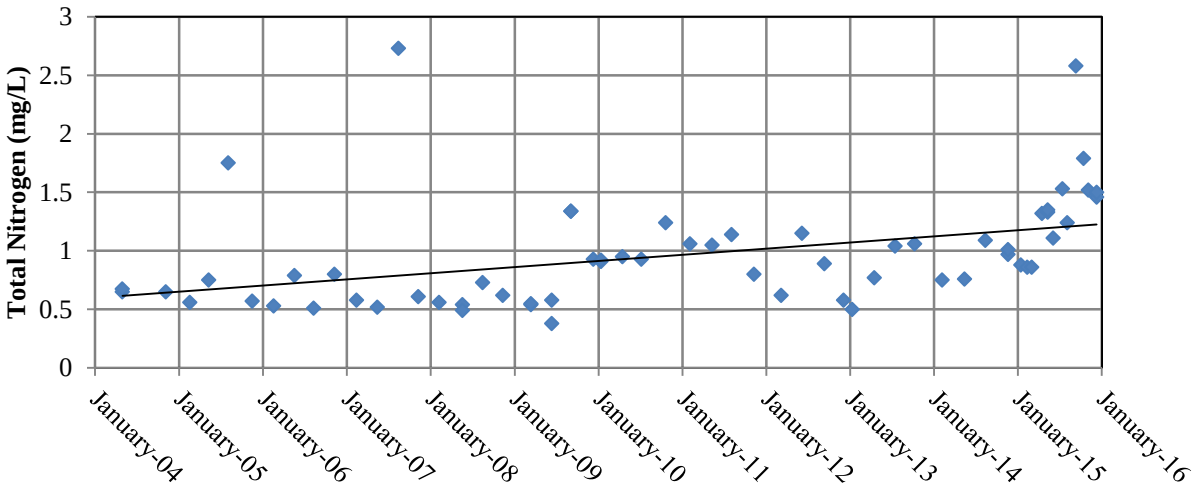
There is an overall negative trend in Total Nitrogen at Ft Meade Pit SW.

Table 15. Total Phosphorus at Ft Meade Pit SW (FDOT major outfall: FDOT-35-50)



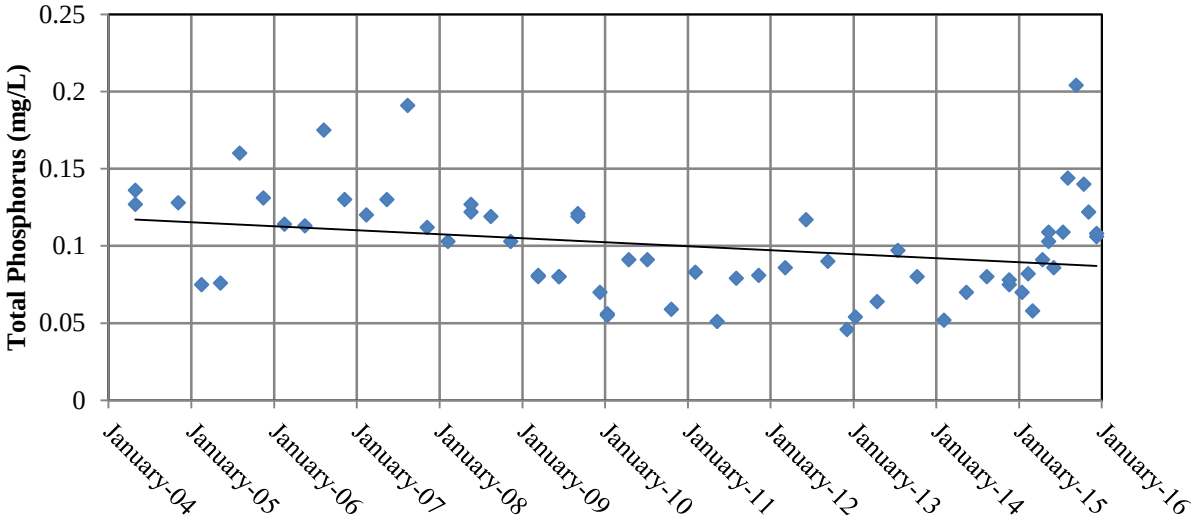
There is an overall negative trend in Total Phosphorus at Ft Meade Pit SW.

Table 16. Total Nitrogen at Gibson1 (FDOT major outfall: FDOT-35-170)



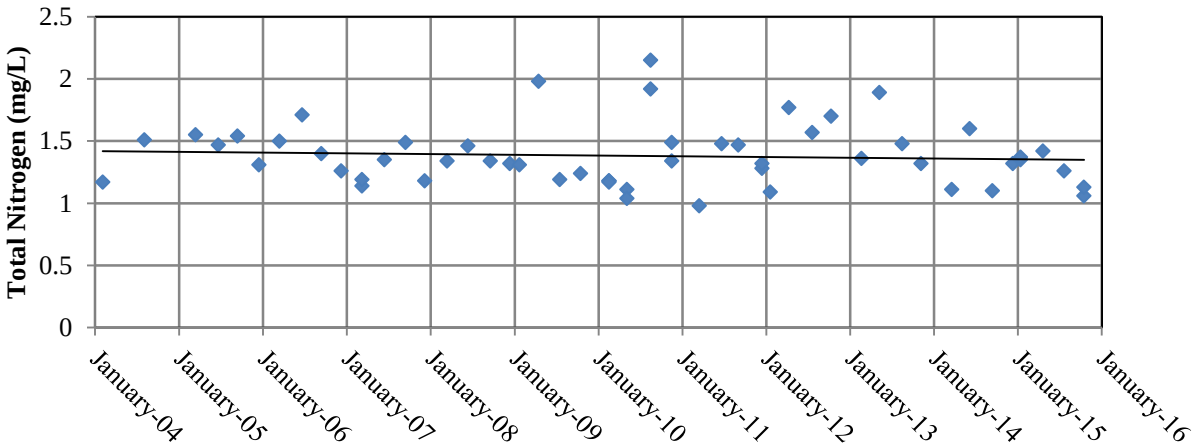
There is an overall positive trend in Total Nitrogen at Gibson1.

Table 17. Total Phosphorus at Gibson1 (FDOT major outfall: FDOT-35-170)



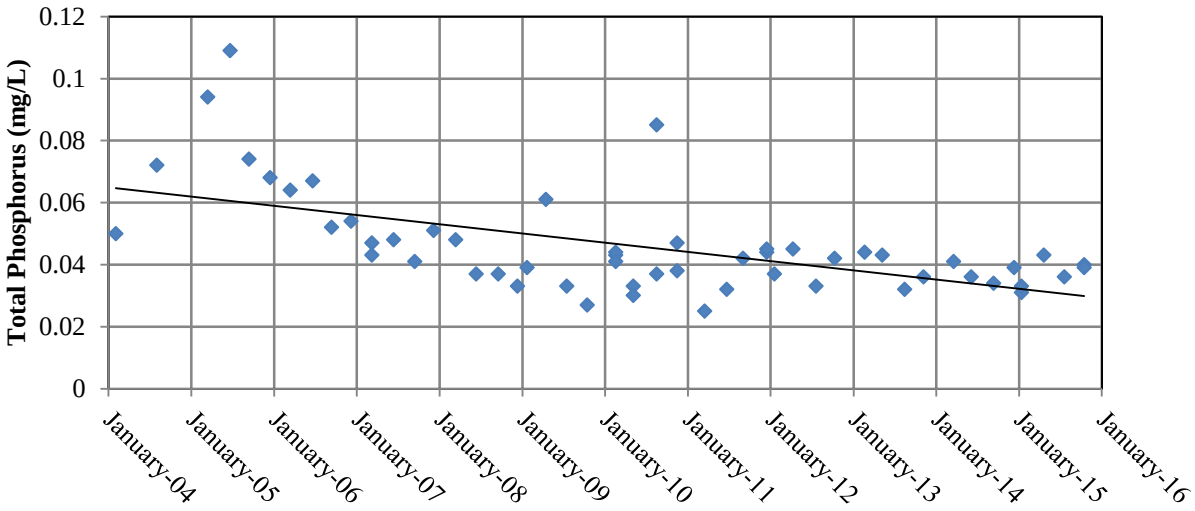
There is an overall negative trend in Total Phosphorus at Gibson1.

Table 18. Total Nitrogen at Haines1 (FDOT major outfall: FDOT-600-275 & FDOT-600-280)



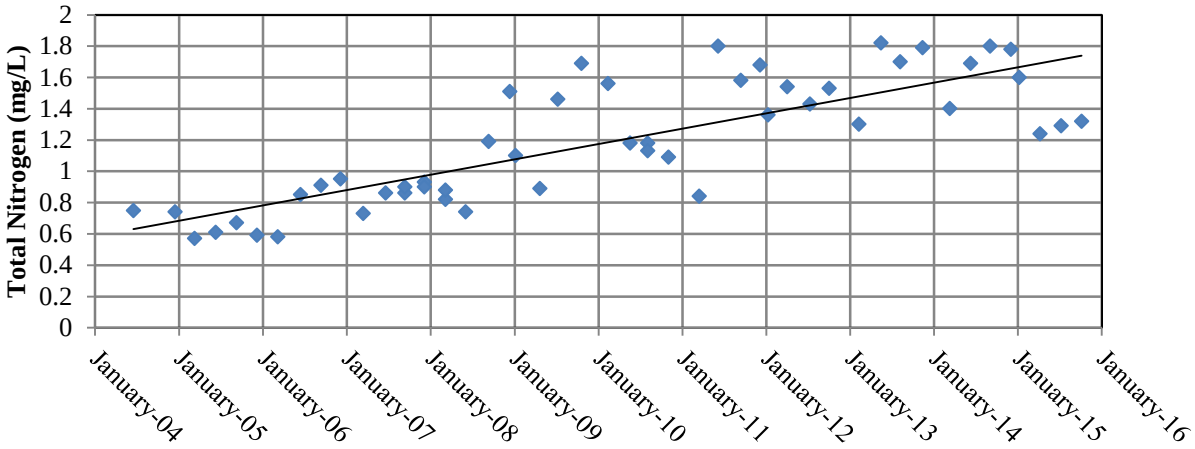
There is an overall negative trend in Total Nitrogen at Haines1.

Table 19. Total Phosphorus at Haines1 (FDOT major outfall: FDOT-600-275 & FDOT-600-280)



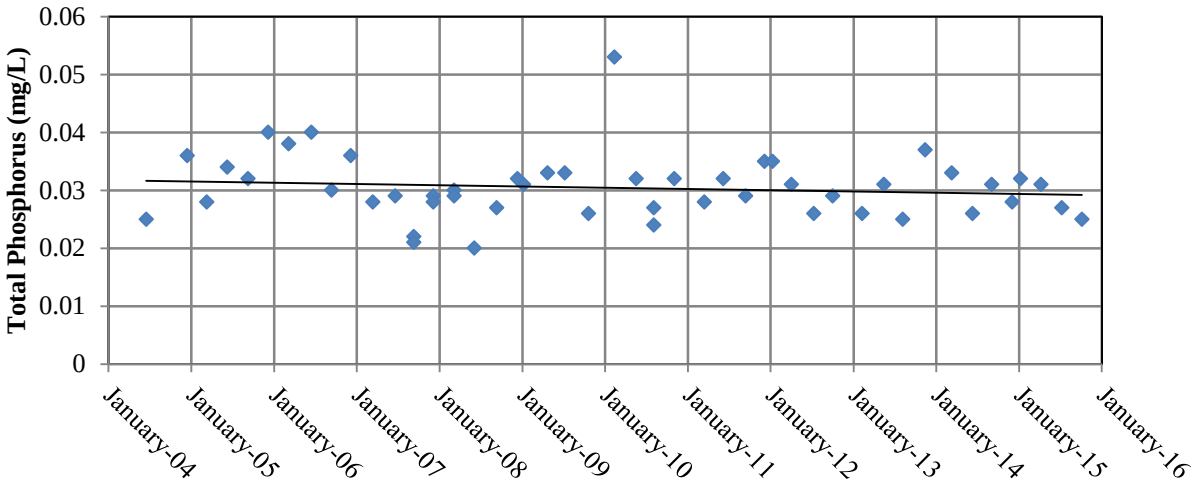
There is an overall negative trend in Total Phosphorus at Haines1.

Table 20. . Total Nitrogen at Hatridge1 (FDOT major outfall: FDOT-544-115)



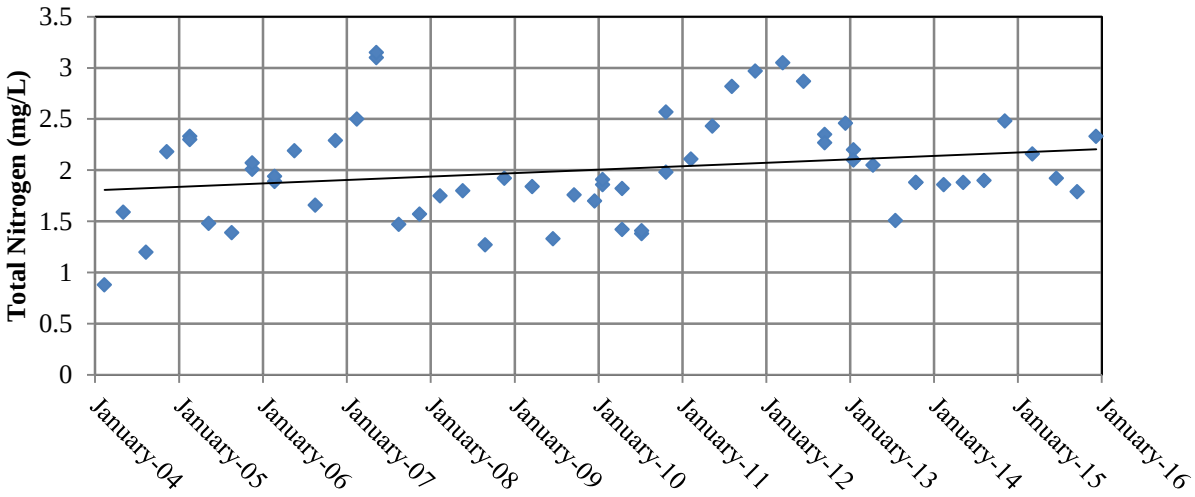
There is an overall positive trend in Total Nitrogen at Hatridge1.

Table 21. Total Phosphorus at Hatridge1 (FDOT major outfall: FDOT-544-115)



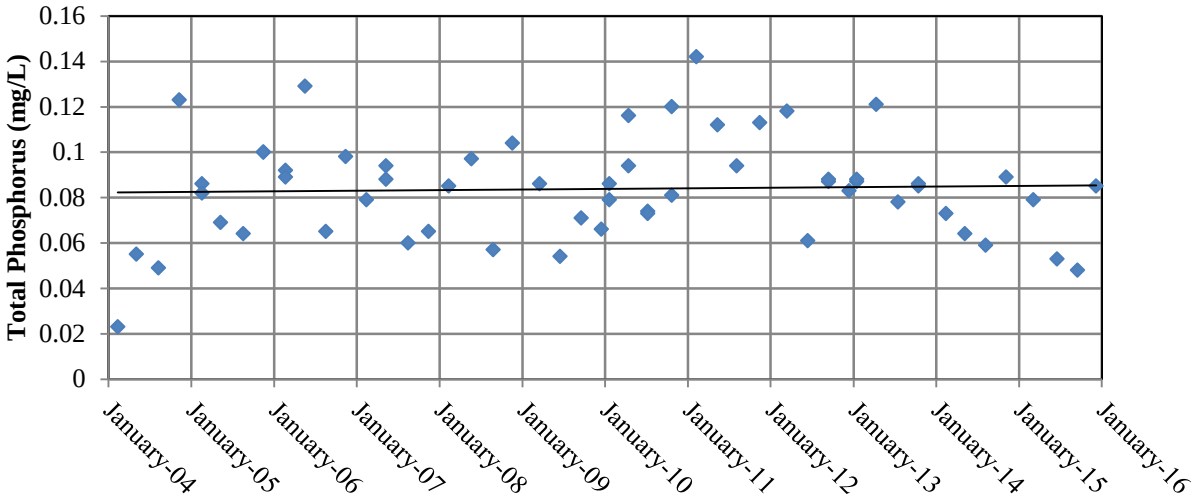
There is an overall negative trend in Total Phosphorus at Hatridge1.

Table 22. Total Nitrogen at Hollingsworth1 (FDOT major outfall: FDOT-37-60)



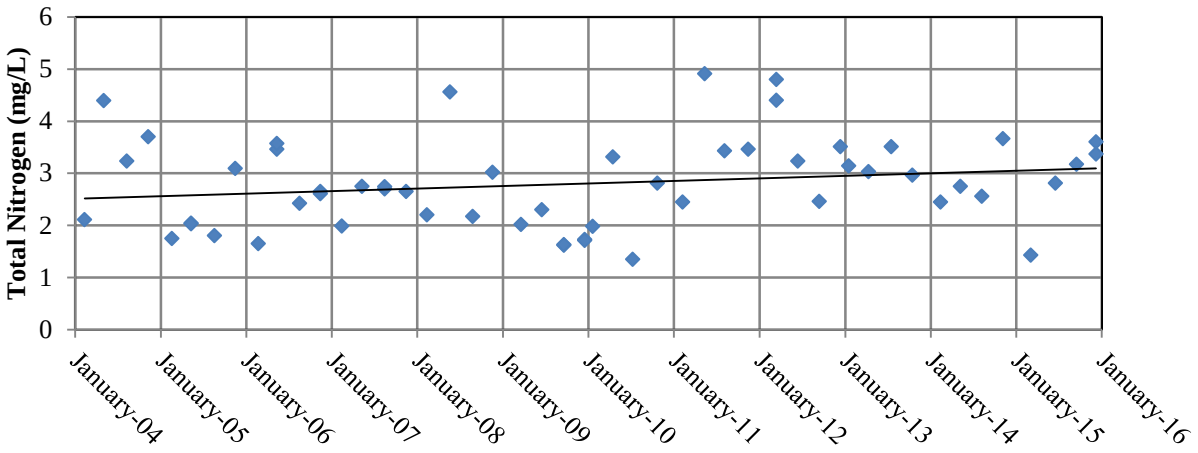
There is an overall positive trend in Total Nitrogen at Hollingsworth1.

Table 23. Total Phosphorus at Hollingsworth1 (FDOT major outfall: FDOT-37-60)



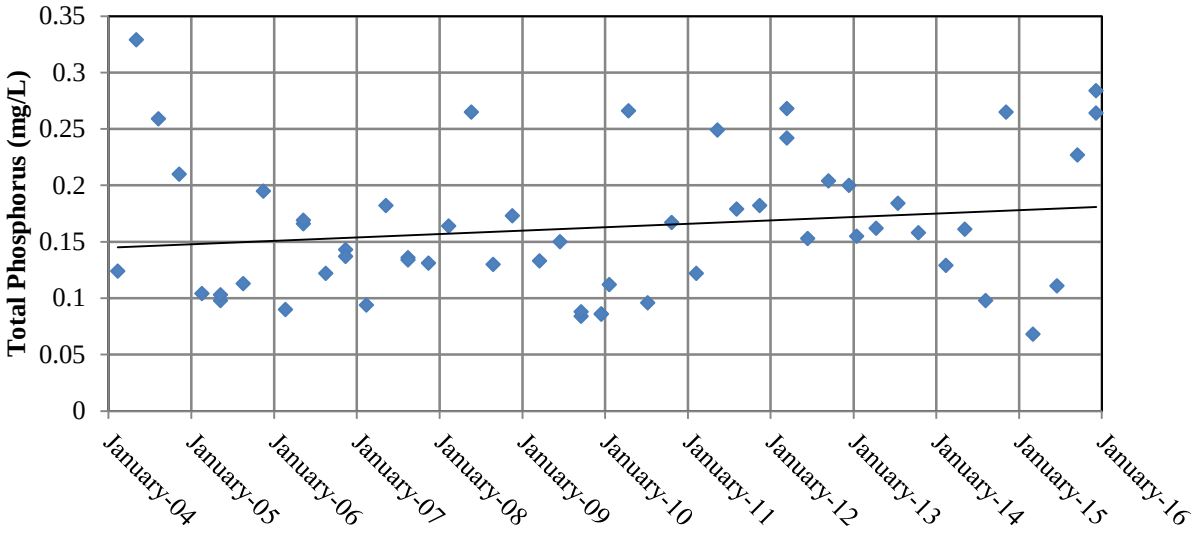
There is an overall positive trend in Total Phosphorus at Hollingsworth1.

Table 24. Total Nitrogen at Hunter1 (FDOT major outfall: FDOT-563-15, FDOT-37-65, & FDOT-563-8)



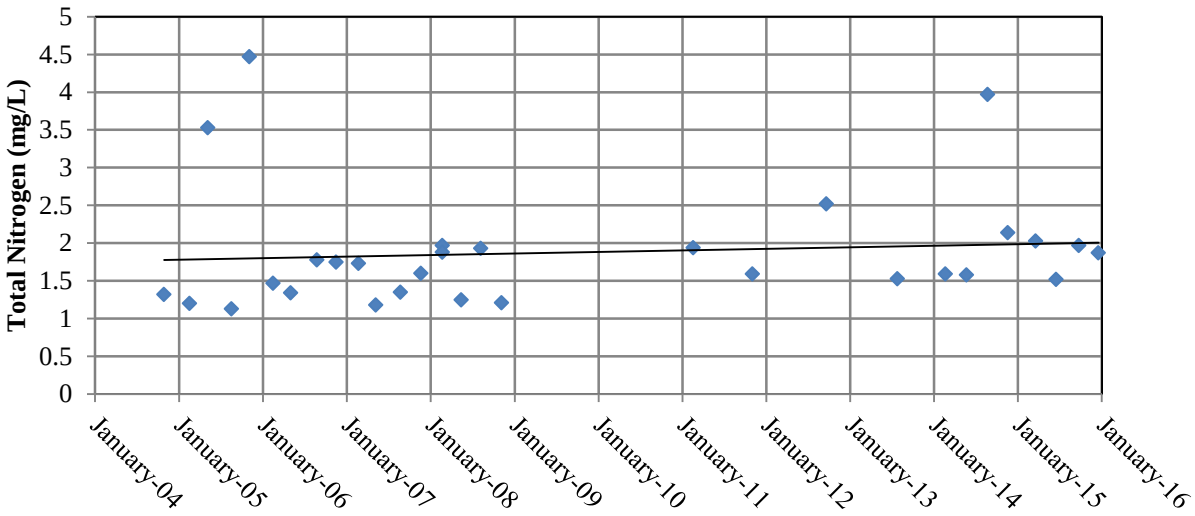
There is an overall positive trend in Total Nitrogen at Hunter1.

Table 25. Total Phosphorus at Hunter1 (FDOT major outfall: FDOT-563-15, FDOT-37-65, & FDOT-563-8)



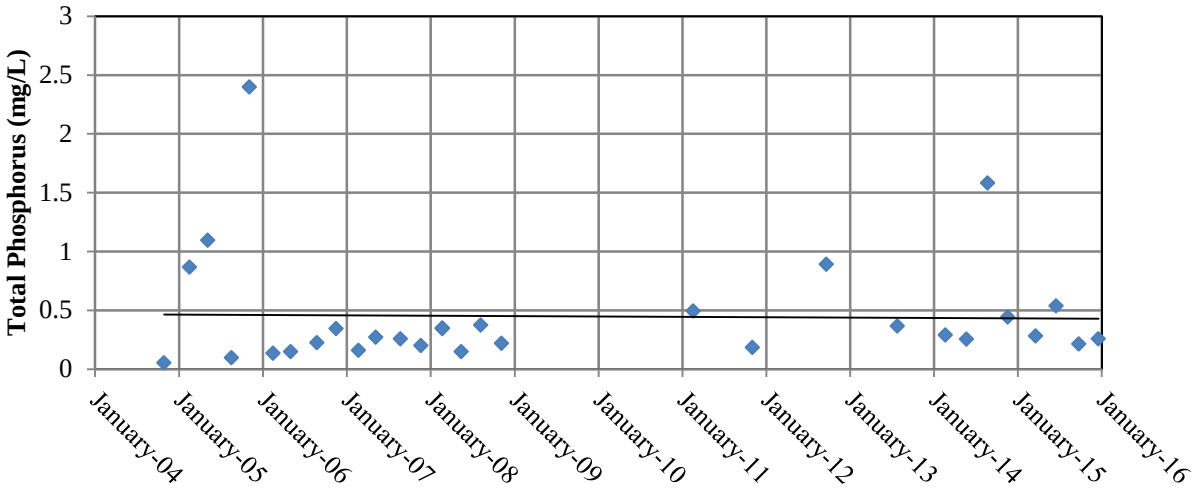
There is an overall positive trend in Total Phosphorus at Hunter1.

Table 26. Total Nitrogen at LenaRun1 (FDOT major outfall: FDOT-655-10)



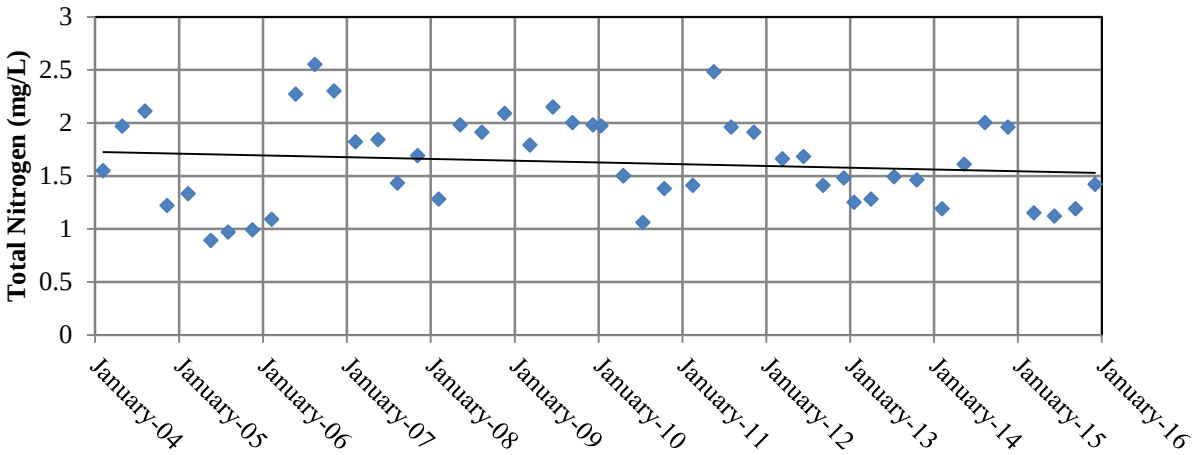
There is an overall positive trend in Total Nitrogen at LenaRun1.

Table 27. Total Phosphorus at LenaRun1 (FDOT major outfall: FDOT-655-10)



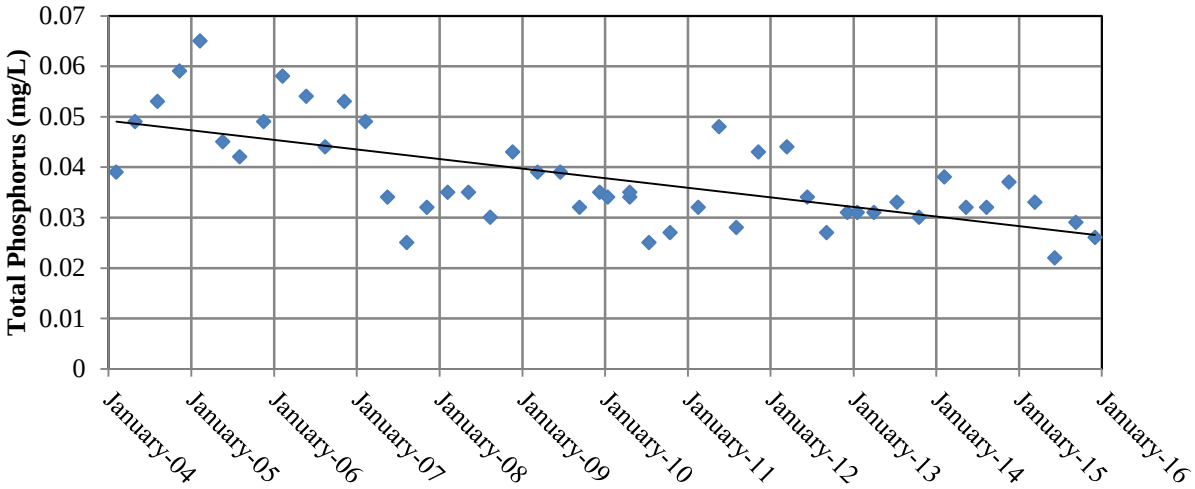
There is an overall negative trend in Total Phosphorus at LenaRun1.

Table 28. Total Nitrogen at Lena1 (FDOT major outfall: FDOT-600-210)



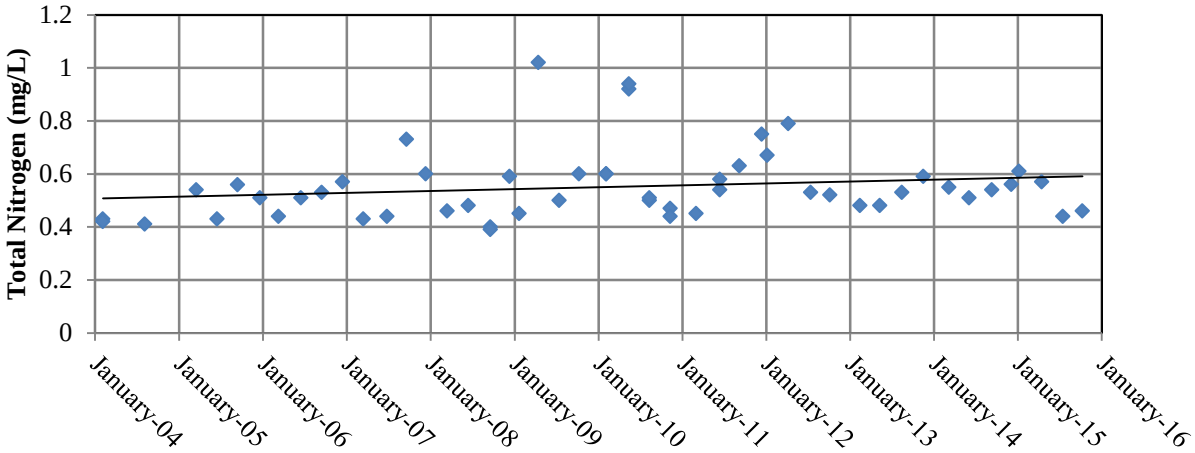
There is an overall negative trend in Total Nitrogen at Lena1.

Table 29. Total Phosphorus at Lena1 (FDOT major outfall: FDOT-600-210)



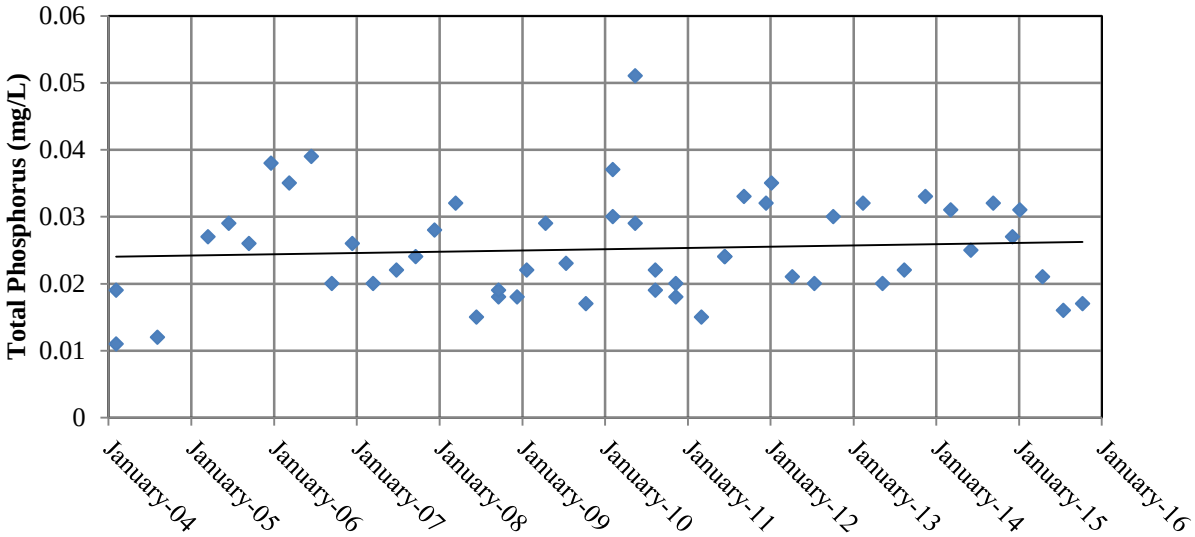
There is an overall negative trend in Total Phosphorus at Lena1.

Table 30. Total Nitrogen at Ltl Elbert1 (FDOT major outfall: FDOT-542-05 & FDOT-542-07)



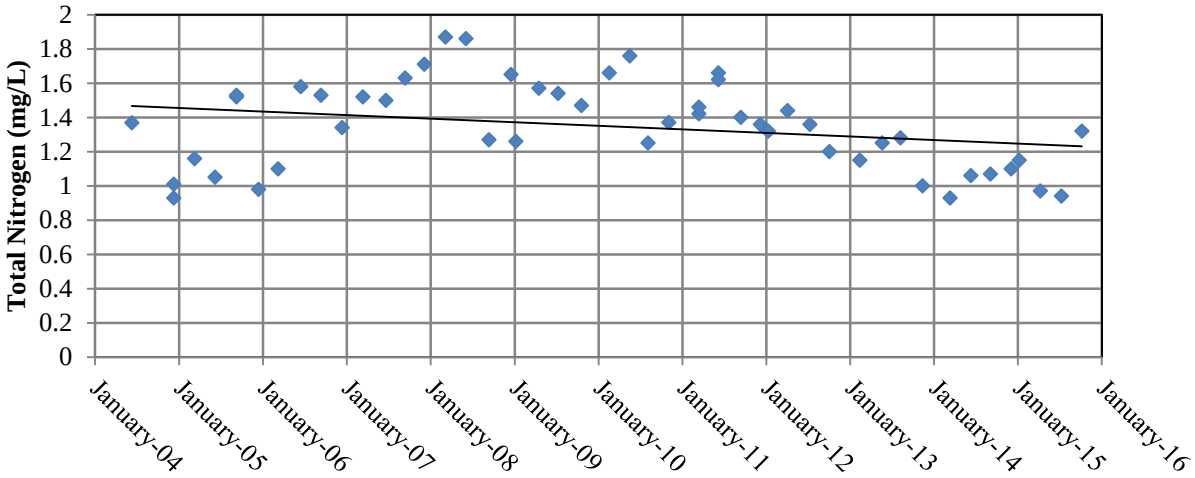
There is an overall positive trend in Total Nitrogen at Ltl Elbert1.

Table 31. Total Phosphorus at Ltl Elbert1 (FDOT major outfall: FDOT-542-05 & FDOT-542-07)



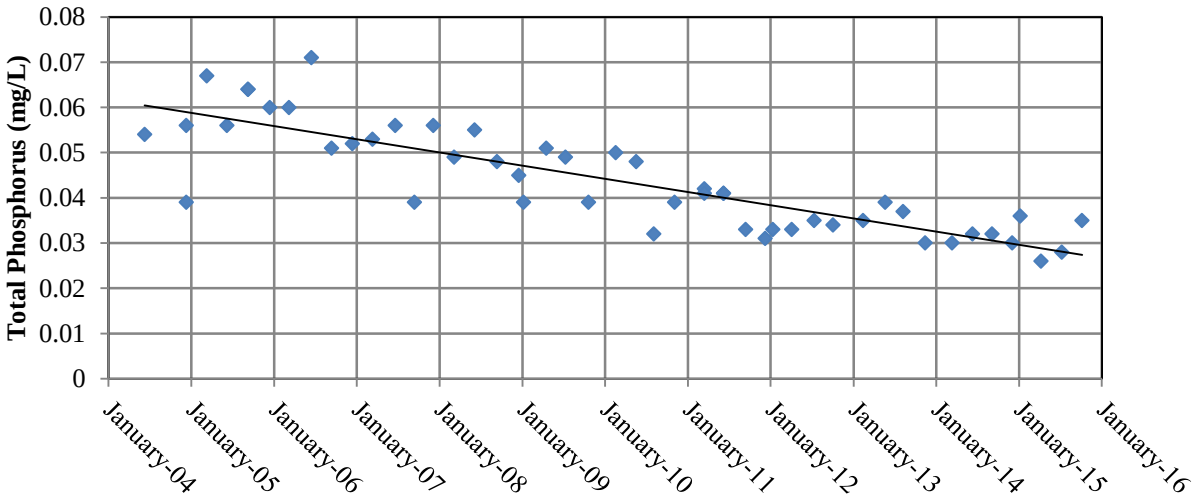
There is an overall positive trend in Total Phosphorus at Ltl Elbert1.

Table 32. Total Nitrogen at Lulu1 (FDOT major outfall: FDOT-555-40)



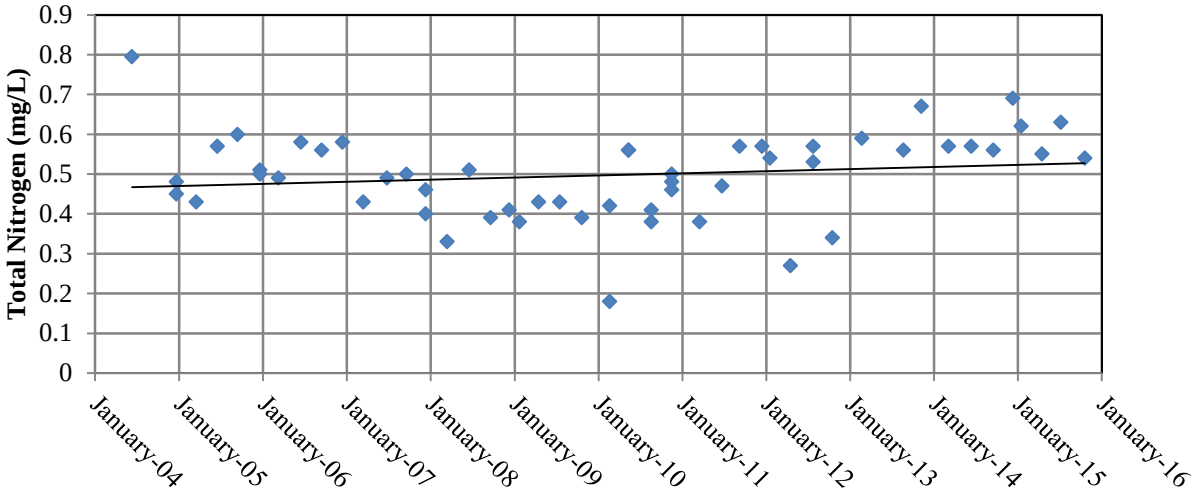
There is an overall negative trend in Total Nitrogen at Lulu1.

Table 33. Total Phosphorus at Lulu1 (FDOT major outfall: FDOT-555-40)



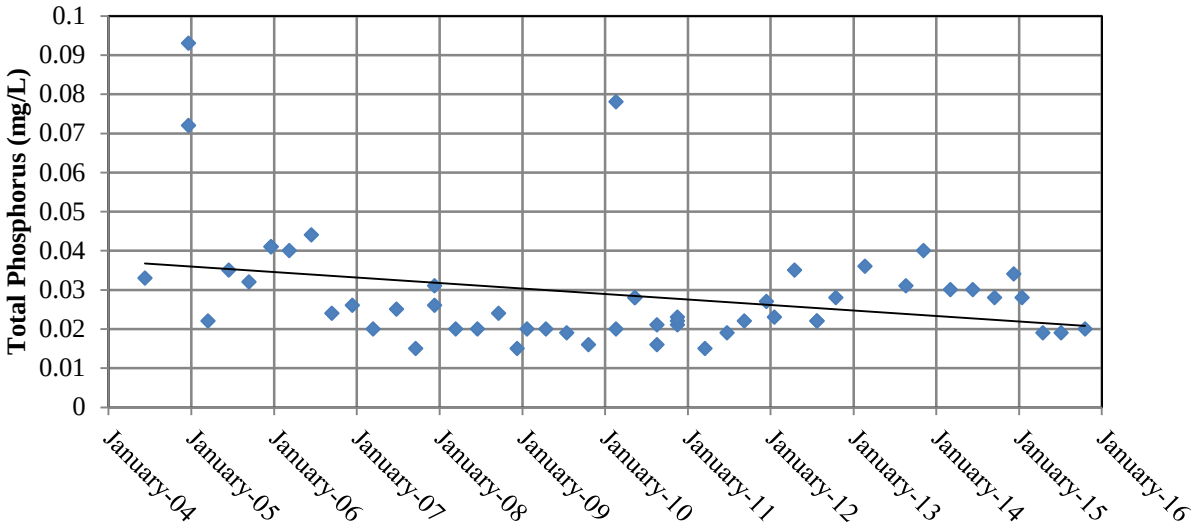
There is an overall negative trend in Total Phosphorus at Lulu1.

Table 34. Total Nitrogen at McLeod1 (FDOT major outfall: FDOT-555-25 & FDOT-555-30)



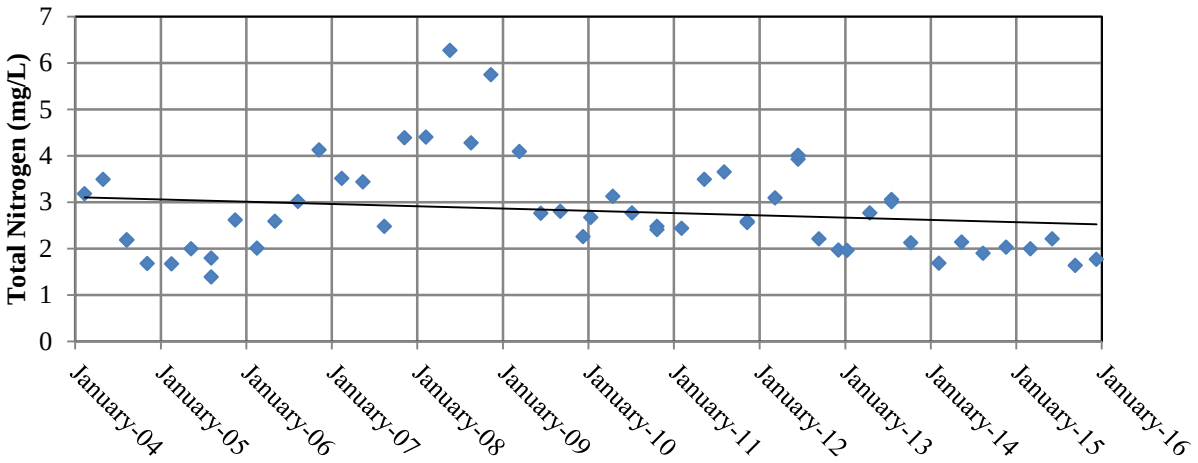
There is an overall positive trend in Total Nitrogen at McLeod1.

Table 35. Total Phosphorus at McLeod1 (FDOT major outfall: FDOT-555-25 & FDOT-555-30)



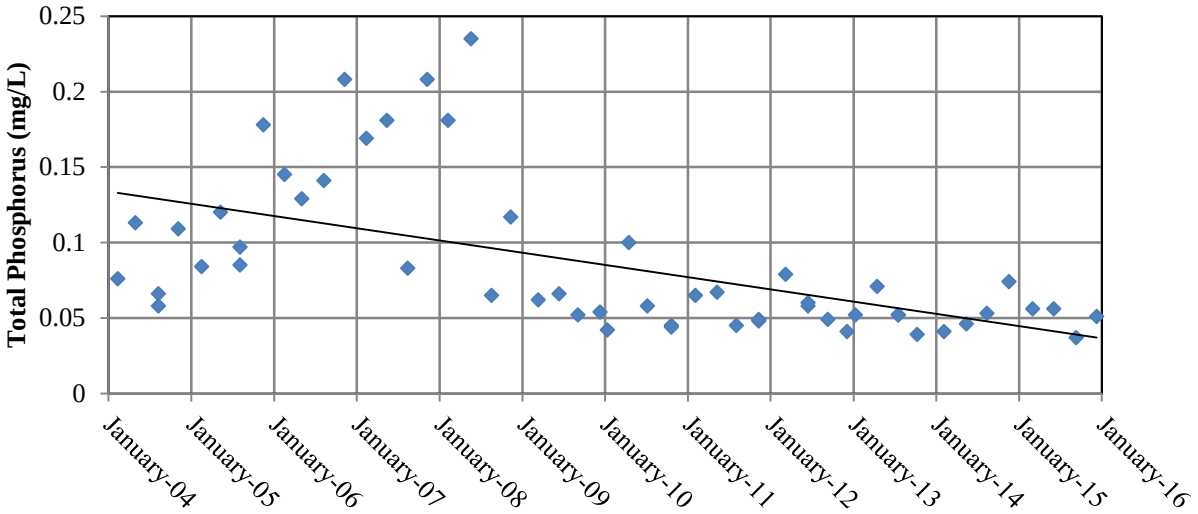
There is an overall negative trend in Total Phosphorus at McLeod1.

Table 36. Total Nitrogen at Parker1 (FDOT major outfall: FDOT-546-30, FDOT-546-75 & FDOT-600-30)



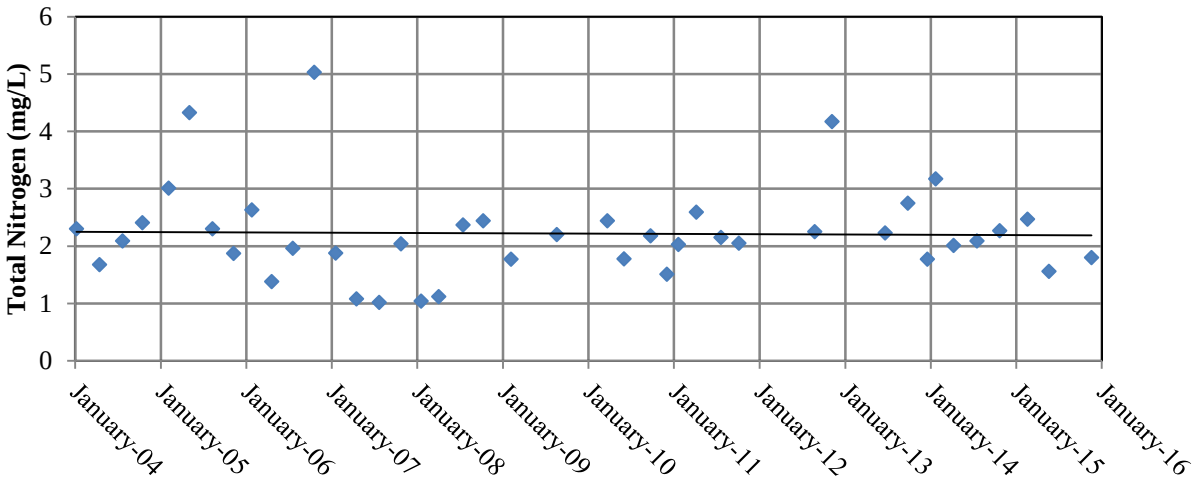
There is an overall negative trend in Total Nitrogen at Parker1.

Table 37. Total Phosphorus at Parker1 (FDOT major outfall: FDOT-546-30, FDOT-546-75 & FDOT-600-30)



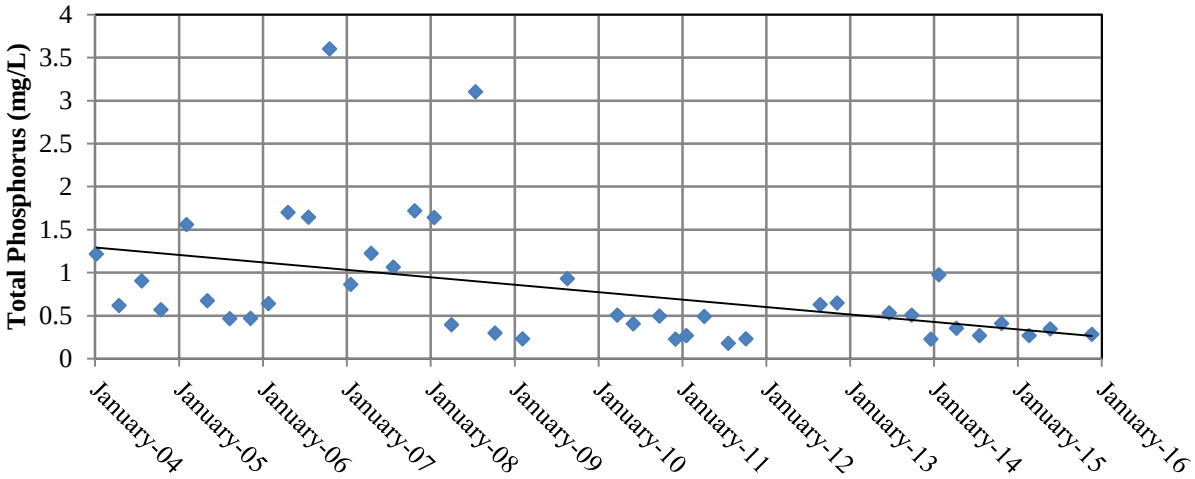
There is an overall negative trend in Total Phosphorus at Parker1.

Table 38. Total Nitrogen at PeaceRvr10 (FDOT major outfall: FDOT-35-100)



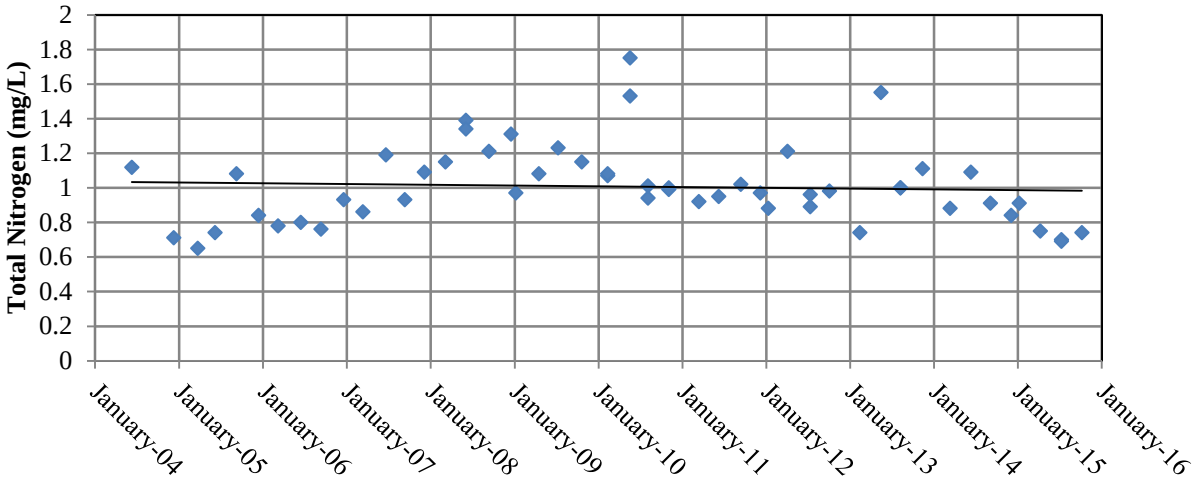
There is an overall negative trend in Total Nitrogen at PeaceRvr10.

Table 39. Total Phosphorus at PeaceRvr10 (FDOT major outfall: FDOT-35-100)



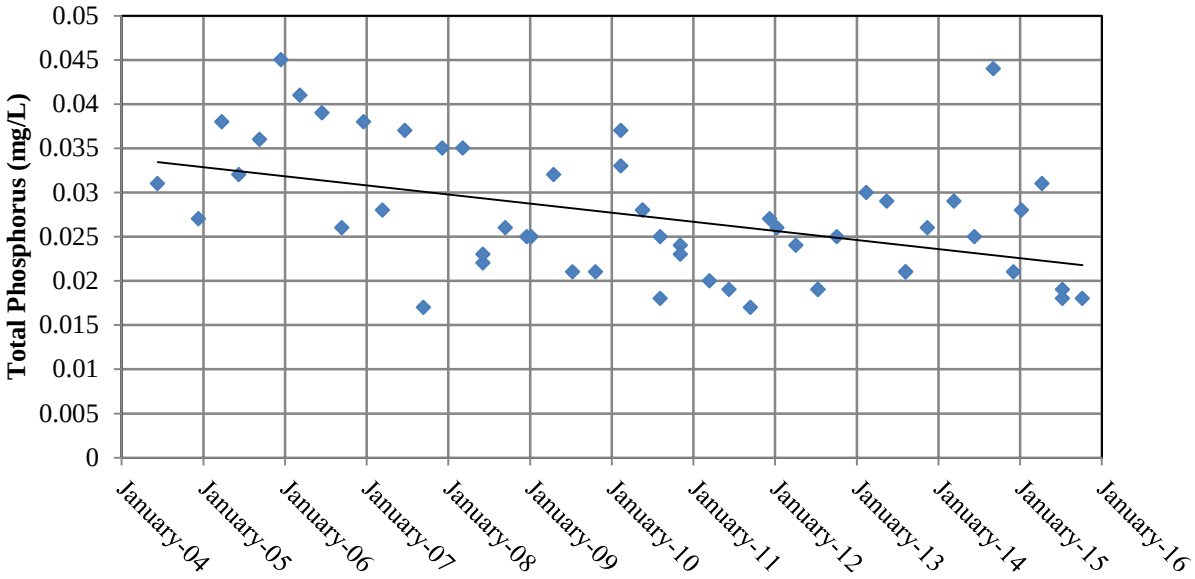
There is an overall negative trend in Total Phosphorus at PeaceRvr10.

Table 40. Total Nitrogen at Roy1 (FDOT major outfall: OF16300-3511-03)



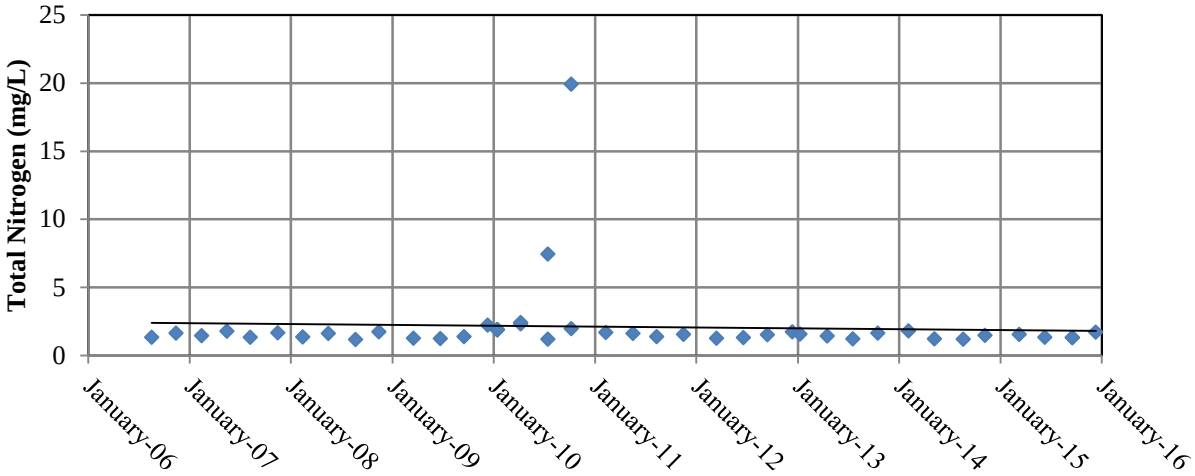
There is an overall negative trend in Total Nitrogen at Roy1.

Table 41. Total Phosphorus at Roy1 (FDOT major outfall: OF16300-3511-03)



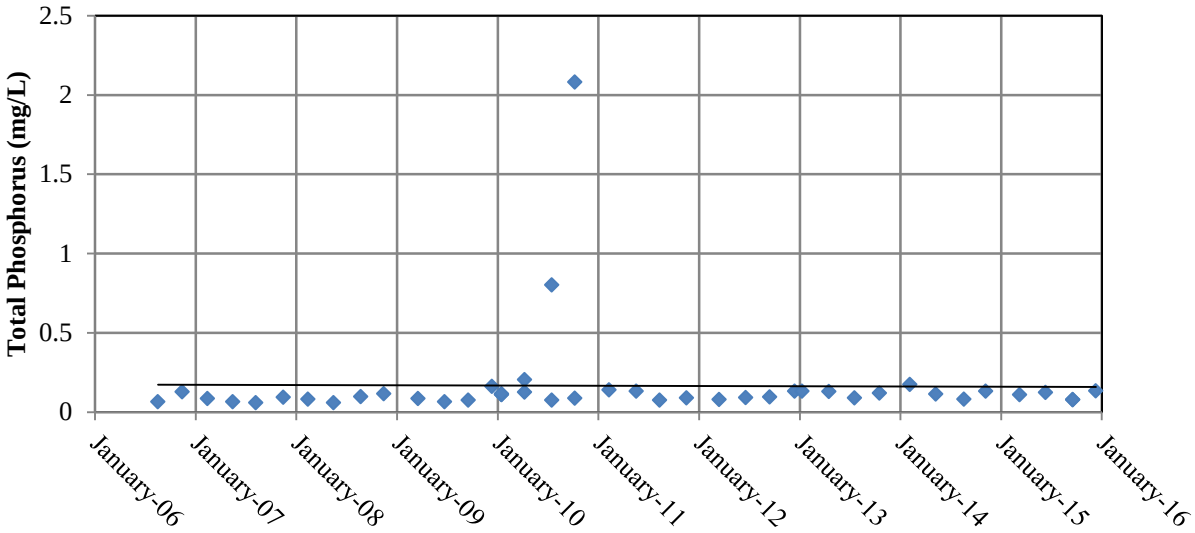
There is an overall negative trend in Total Phosphorus at Roy1.

Table 42. Total Nitrogen at Saddle Crk Pk Y (FDOT major outfall: FDOT-659-15)



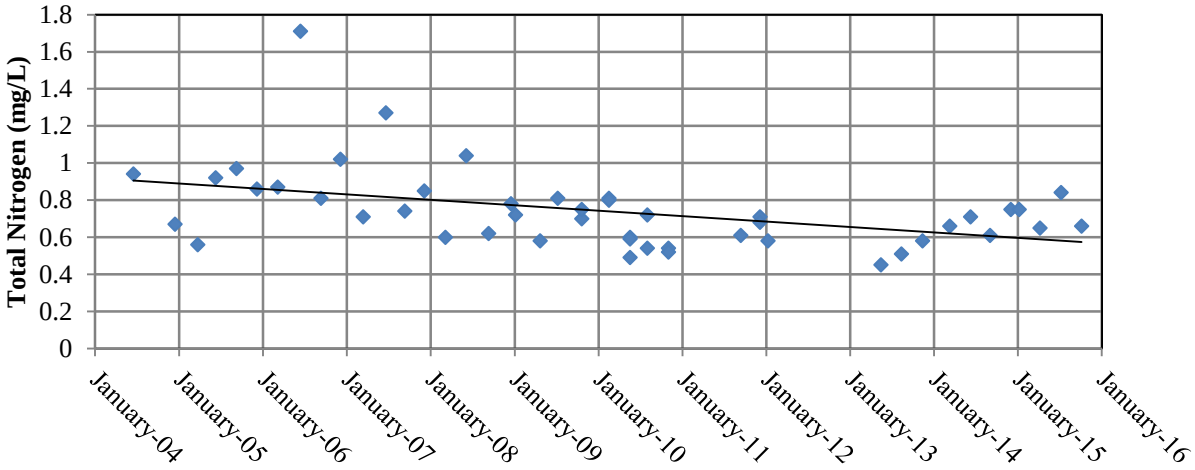
There is an overall negative trend in Total Nitrogen at Saddle Crk Pk Y.

Table 43. Total Phosphorus at Saddle Crk Pk Y (FDOT major outfall: FDOT-659-15)



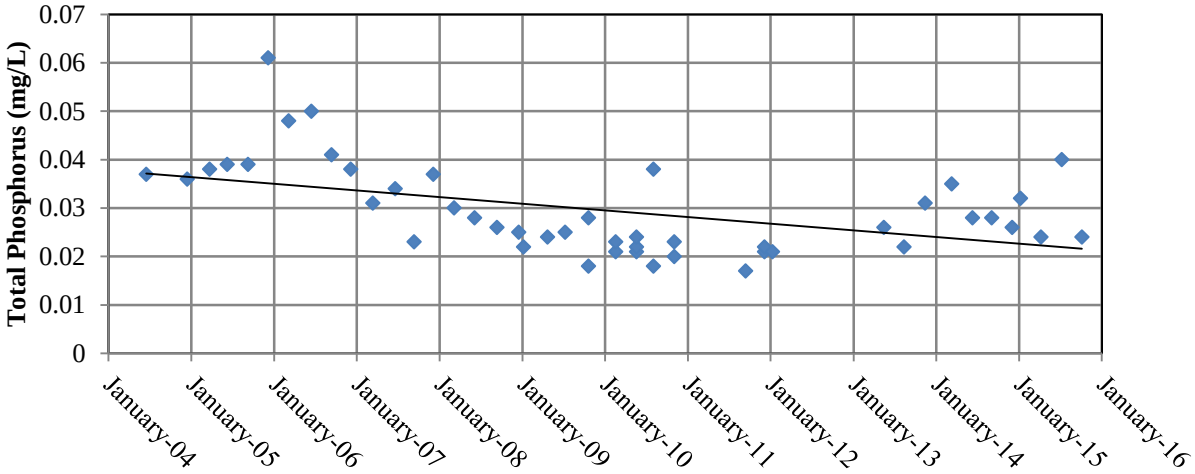
There is an overall positive trend in Total Phosphorus at Saddle Crk Pk Y.

Table 44. Total Nitrogen at Spring1 (FDOT major outfall: FDOT-555-55)



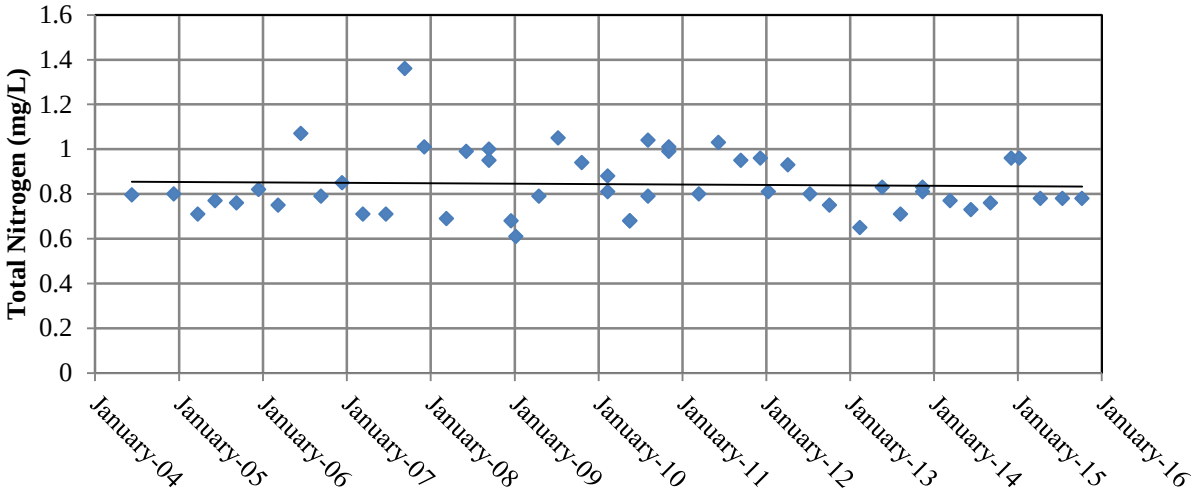
There is an overall negative trend in Total Nitrogen at Spring1. .

Table 45. Total Phosphorus at Spring1 (FDOT major outfall: FDOT-555-55)



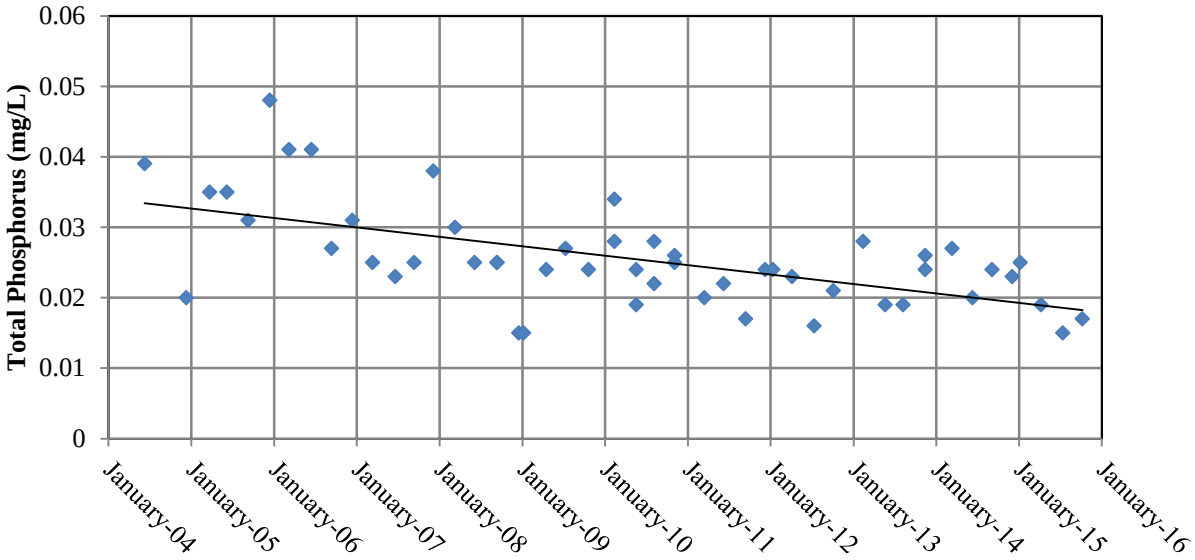
There is an overall negative trend in Total Phosphorus at Spring1.

Table 46. Total Nitrogen at Summit1 (FDOT major outfall: FDOT-540-60)



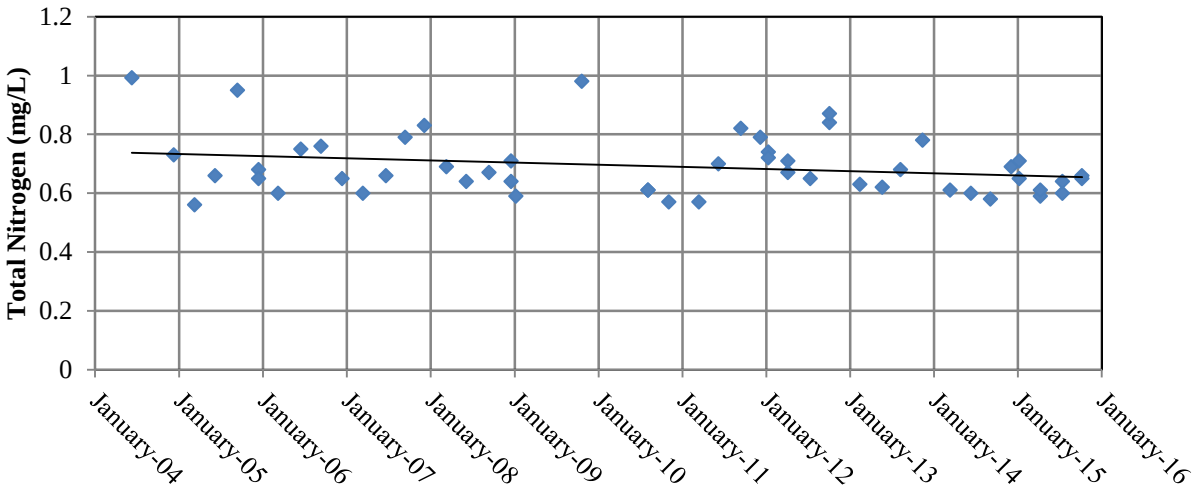
There is an overall negative trend in Total Nitrogen at Summit1.

Table 47. Total Phosphorus at Summit1 (FDOT major outfall: FDOT-540-60)



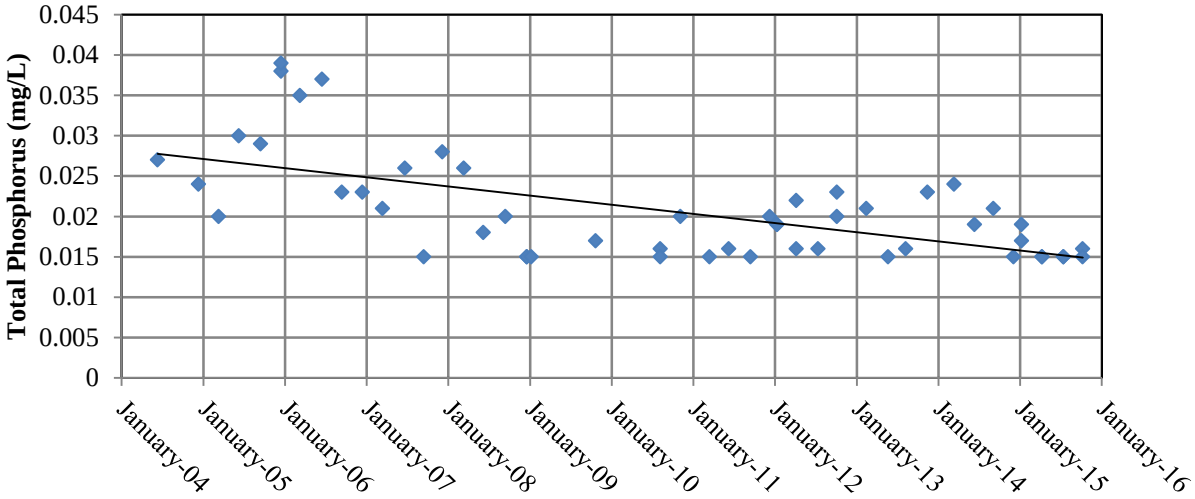
There is an overall negative trend in Total Phosphorus at Summit1.

Table 48. Total Nitrogen at Winterset1 (FDOT major outfall: FDOT-540-70)



There is an overall negative trend in Total Nitrogen at Winterset1.

Table 49. Total Phosphorus at Winterset1 (FDOT major outfall: FDOT-540-70)



There is an overall negative trend in Total Phosphorus at Winterset1.

APPENDIX B

TMDL Implementation Plan / Supplemental SWMP
(Permit Section VIII.B.3.d)

TMDL Implementation Plan / Supplemental SWMP
(Part VIII.B.3.d)

In 2006, the Environmental Protection Agency (EPA) established TMDLs for Saddle Creek above Lake Hancock (WBID 1497) for total nitrogen, total phosphorus, and biological oxygen demand. The Florida Department of Transportation (FDOT) has an MS4 discharge directly to Saddle Creek in one location along State Road 600 (US 92). As required by Part VIII.B.3 (a) and VIII.B.3 (b) of the Polk County Phase I MS4 permit, FDOT developed a TMDL Prioritization Plan which identified Saddle Creek as FDOT's top priority waterbody and developed a Monitoring and Assessment Plan which was approved by FDEP in 2014.

FDOT's monitoring of Saddle Creek is still ongoing and has not been completed. Equipment malfunctions and an ant infestation of equipment have delayed the completion of the data collection requirements. To date, a total of six (6) samples have been collected. It is anticipated that the seventh and final sample will be collected and the water quality data analysis will be completed prior to the end of the current reporting period.

It is worth noting that Saddle Creek (WBID 1497) is listed on the FDEP 2016 draft list of waters to be delisted for the Sarasota Bay Peace Myakka Basin for the following parameters: dissolved oxygen and chlorophyll *a*. Saddle Creek is not included on the draft verified list for any parameter. The draft verified and delist lists were produced with water quality and biological data included in the IWR Database Run 50 and reflect several major milestones to the assessment of Florida's waterbodies. The draft lists include waterbodies assessed using the revised dissolved oxygen criterion as percent saturation (replacing the assessment of dissolved oxygen as mg/L), and the implementation of numeric nutrient criteria for streams, lakes, springs, and estuaries (total nitrogen, total phosphorus and chlorophyll *a*). In addition, new data have been received by FDEP as of October 31, 2014 and incorporated into the assessments.

Based on this draft assessment, Saddle Creek is not impaired for dissolved oxygen or nutrients because supporting biological data confirm attainment of designated use. The dissolved oxygen impairment is due to natural conditions.

If the draft delist list is adopted by the FDEP Secretary prior to the submittal of the year-5 annual report, FDOT will coordinate with FDEP regarding the need to develop a supplemental stormwater management plan for Saddle Creek as required under Part VIII.B.3 (d). However, if the draft delist list is not adopted prior to the submittal of the year-5 annual report, FDOT will evaluate the need to develop a supplemental stormwater management plan. This evaluation will be based on the results of the water quality analysis conducted under Part VIII.B.3 (c). If necessary, the supplemental stormwater management plan will be developed with the goal of reducing pollutant loading from FDOT's MS4 to Saddle Creek, as necessary, to show progress toward meeting the EPA TMDL. This plan will be submitted along with the year-5 annual report.