



City of Fort Meade

Operations Center

521 NW 4th Street • Fort Meade, FL 33841
Office: 863.285.1119, ext. • Fax: 863.285.1122
www.cityoffortmeade.com

- Year 4 NPDES Annual Report for the City of Fort Meade serves as the principle component for re-application.
- No changes in Section 1.
- No new co-permittees.
- No changes in the waterbodies receiving discharges from the MS4.



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: City of Fort Meade		
B.	Permit Name: Polk County Municipal Separate Storm Sewer System		
C.	Permit Number: FLS000015-003 (Cycle 3)		
D.	Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input checked="" type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
E.	Reporting Time Period (month/year): 9/ 2014 through 10 / 2015		
F.	Name of the Responsible Authority: Fred Hilliard		
	Title: City Manager		
	Mailing Address: 8 West Broadway		
	City: Fort Meade	Zip Code: 33841	County: Polk
	Telephone Number: 863-285-1100		Fax Number: 683-285-1124
	E-mail Address: fhilliard@cityoffortmeade.com		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Michel K. Bolin		
	Title: Supervisor		
	Department: Streets and Stormwater		
	Mailing Address: 521 N.W. 4 th Street		
	City: City of Fort Meade	Zip Code: 33841	County: Polk
	Telephone Number: 863-285-1119		Fax Number: 863-285-1122
E-mail Address: mbolin@cityoffortmeade			

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

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

SECTION III. MONITORING PROGRAM

A. Provide a brief statement as to the status of monitoring plan implementation:
DEP Note: If monitoring is done for the co-permittee by Polk County you may refer to the Polk County AR here as follows. 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: Sample Collection & Laboratory Analysis was completed to establish a baseline load for the Fecal Coliform the results of the City's sampling are provided in the attached TMDL supplemental plan. Based on results of the City's sampling it appears the SWMP is effective in managing Fecal Coliform.
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 PC AR for monitoring information.

SECTION IV. FISCAL ANALYSIS

A. Total expenditures for the NPDES stormwater management program for the current reporting year: \$101,266.09
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: \$285,360

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

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

Attached	N/A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	***DEP Note: Please complete Checklists A & B at the end of the tailored form.*** Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.
<input 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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.

DO NOT SUBMIT ANY OTHER MATERIALS
 (such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

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

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

Name of Responsible Authority (type or print): Frederick L. Hillman
 Title: City Manager
 Signature: [Handwritten Signature] Date: 4/5/16

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									
<p>Maintain an up-to-date inventory of the structural controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the types of control structures listed in Table II.A.1.a of the permit. Report the current known inventory.</p> <p><i>DEP Note: The permittee needs to “customize” this section by adding any structural controls to the list below that are part of the permittee’s MS4 currently or are planned for the future. The permittee may remove any structural controls listed that it does not have currently or will likely not have during this permit cycle. Please see the attached description of each type of structure. In addition, the permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.</i></p> <p>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.</p> <p>Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained. If the minimum inspection frequencies set forth in Table II.A.1.a were not met, provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met.</p> <p><i>DEP Note: If the minimum inspection frequencies set forth in Table II.A.1.a of the permit were not met for one or more type of structure, the permittee must provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met. Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.</i></p>										
Type of Structure			Number of Activities Performed				Documentation / Record	Entity Performing the Activity	Comments	
			Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities	Percentage Maintained			
Dry retention systems			3	3	100%	24	100%	Monthly Reports/Inspection Forms	City of Ft. Meade Streets and Stormwater Dept.	Mow and Litter control bi weekly
Exfiltration trench / French drains (linear feet)			0							None on inventory
Grass treatment swales (miles)			1.79	2	100%	10	100%	Monthly Reports	CFM Streets & Stormwater Dept.	Mow and litter removal during maintenance activities
Dry detention systems			2	3	100%	24	100%	Monthly Reports/	CFM Parks &	Mow and Litter

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity				C. Number of Activities Performed		D. Documentation / Record	E. Entity Performing the Activity	F. Comments
							Inspection Forms	Stormwater Dept.	control bi-weekly
	Wet detention systems	0							None on inventory
	Alum injection systems	0							None on inventory
	Pollution control boxes	0							None on inventory
	Stormwater pump stations	0							None on inventory
	Major stormwater outfalls	2	2	100%	2	100%	Monthly Reports and Inspection Forms	CFM Stormwater Dept.	Litter removal when inspected
	Weirs or other control structures	1	3	100%	3	100%	Monthly Reports and Inspection Forms	CFM	Major Outfall FTM-20
	MS4 pipes / culverts (miles)	.38	4	100%	4	100%	Work orders, Monthly reports	CFM	Remove sediment at inlets and outlets
	Inlets / catch basins / grates	204	188	92%	188	92%	Road and ditch maintenance forms, Work orders, Monthly reports	CFM	Debris removal after rain events to control Flooding
	Ditches / conveyance swales (miles)	.42	3	100%	3	100%	Road and ditch maintenance forms	CFM	Inspections completed after storm events to insure proper drainage
	ATTACH explanation if any of the minimum inspection frequencies in Table II.A.1.a were not met								
	Year 1 ONLY: Attach a map of all known major outfalls								
Part III.A.2	Areas of New Development and Significant Redevelopment								
	Report the number of significant redevelopment projects reviewed by the permittee for post-development stormwater considerations.								
	<i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C.</i>								
	Number of significant redevelopment projects reviewed				1		E-File	FDOT / CFM	Peace River Trail
	Provide in the Year 2 Annual Report the summary report of the review of local codes activity. Provide in the Year 4 Annual Report the follow-up report on plan implementation of modifying codes to allow low impact design BMPs.								
	<i>DEP Note: Refer to Part III.A.2 of the permit for details regarding what the review entails, and what must be included in the summary report and follow-up report. Please provide the title of the attached report in Column D and the name of the entity who finalized the report in Column E.</i>								
	Year 2 ONLY: Attach the summary report of the review activity								

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Year 4 ONLY: Attach the follow-up report on plan implementation					
Part III.A.3	Roadways				
<p>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.</p> <p><i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. In addition, the permittee may choose its own units of measurement for the reporting items. Unit options for the amount of litter include: bags, cubic yards, pounds, tons. Unit options for the amount of area covered by the activity include: square feet, linear feet, yards, miles, acres. If all litter collection is performed by staff or by contractors, but not by both, please remove the non-applicable reporting items.</i></p>					
<p>PERMITTEE Litter Control Program: Frequency of litter collection</p>		Weekly	Monthly Reports	CFM Street & SW Parks Depts. PCSO Inmates	Parks trash receptacles maintained daily Picked up by Republic Services
<p>PERMITTEE Litter Control Program: Estimated amount of area maintained (linear feet)</p>		48.5	FDOT Mileage Report	CFM Street & SW Dept. PCSO Inmates	Litter Control on ROW & Stormwater Structures
<p>PERMITTEE Litter Control Program: Estimated amount of litter collected (Tons)</p>		100.06 Tons	Tonnage Report	CFM Parks Litter combined with Commercial pick-up	Disposed in Republic dumpster
<p>CONTRACTOR Litter Control Program: Frequency of litter collection</p>		4x/wk-208/year	Tonnage Report	Republic Services	Republic Services Contract
<p>CONTRACTOR Litter Control Program: Estimated amount of area maintained (miles)</p>		48.5	FDOT Mileage report	Republic Services	Curbside service weekly
<p>CONTRACTOR Litter Control Program: Estimated amount of litter collected (Tons)</p>		Residential 1975.48 Tons Recycling 229.07 Yard Waste 735.66 Commercial 100.06	Tonnage Report	Republic Services	
<p>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.</p>					
<p><i>DEP Note: The permittee may choose its own unit of measurement for the amount of litter collected. Unit options include: bags, cubic yards, pounds, tons. If an</i></p>					

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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.					
	Trash Pick-up Events: Total miles cleaned	6	Wrap-Up Report	Keep Polk Beautiful / CFM Resident Volunteers	City Mobile Home Park, Peace River Park, School Campus, South Morrison Park Roadside
	Trash Pick-up Events: Estimated amount of litter collected (Bags)	48	Wrap-Up Report	Keep Polk Beautiful / CFM Resident Volunteers	Annual Event
	Adopt-A-Road Program: Total miles cleaned	0			No Program
	Adopt-A-Road Program: Estimated amount of litter collected (cubic yards)	0			No Program
<p>Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen (TN) and total phosphorus (TP) loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in the Year 1 Annual Report.</p> <p><i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. Also, the permittee may choose its own unit of measurement for the amount of sweeping material collected. Unit options include: cubic yards, pounds, tons.</i></p> <p>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.</p>					
	Frequency of street sweeping	105.5 Hours	Excel Spreadsheet	CFM	CFM has street sweeping program
	Total miles swept (per year)	18.88	Excel Spreadsheet	CFM	Calculated by Google Earth tool
	Estimated quantity of sweeping material collected (Tons)	38.75 Tons	Tonnage Report	CFM	Cedar Trail Landfill
	Total nitrogen loadings removed (pounds)	98	NPDES Maintenance Log Book	CFM Streets Dept.	FSA approved Formula
	Total phosphorus loadings removed (pounds)	62	NPDES Maintenance Log Book	CFM Streets Dept.	FSA approved Formula
	Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned	Sweeping Program			CFM
<p>Annually review (and revise, as needed) and implement the permittee's written standard practices to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. Report the number of applicable facilities and the number of inspections conducted for each facility.</p>					

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<p>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.</p>					
		Number of Inspections			
	Name of facility #1: City of Fort Meade Public Facility Maintenance Yard	12	Monthly Reports	City of Ft. Meade staff	Routine Inspections and Litter control
	Name of facility #2: Sweeper Bin	20	Monthly Reports	CFM staff	Sweeping debris contained in a 20cyd roll back dumpster
	Name of facility #3:				
Part III.A.4	Flood Control Projects				
<p>Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not. Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.</p>					
<p>DEP Note: A “stormwater retrofit project” is one implemented primarily to provide stormwater treatment for areas currently without treatment.</p>					
<p>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.</p>					
<p>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.</p>					
Flood control projects completed during the reporting period		2	Monthly Reports and Inspections complete during Projects	CFM	Grocery Plus added dry retention pond on property
Flood control projects completed during the reporting period that did not include stormwater treatment		NA			Each project considered SW treatment
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		1	E-file	FDOT / CFM	Revisions to Preliminary

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	<p>Stormwater retrofit projects under construction during the reporting period</p> <p>Stormwater retrofit projects completed during the reporting period</p>	<p>1</p> <p>1</p>	<p>NPDES Maintenance Log Book</p> <p>NPDES Maintenance Log Book</p>	<p>Ocean Management Co.</p> <p>Ocean Management Co.</p>	<p>Drawings for Drainage / Peace River Trail</p> <p>Grocery Plus added Dry Detention</p> <p>Grocery Plus added Dry Detention Pond</p>
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit				
	<p>Annually review (and revise, as needed) and implement the permittee's written procedures for inspections and the implementation of measures to control discharges from the following facilities that are not otherwise covered by an NPDES stormwater permit:</p> <ul style="list-style-type: none"> • Operating municipal landfills; • Municipal waste transfer stations; • Municipal waste fleet maintenance facilities; and • Any other municipal waste treatment, waste storage, and waste disposal facilities. <p>Report the number of applicable facilities and the number of the inspections conducted for each facility.</p> <p><i>DEP Note: The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted. An applicable facility under Part III.A.5 includes, but is not limited to, those facilities/yards where street sweeping material and/or yard waste are temporary stockpiled, and where solid waste collection vehicles are parked and/or maintained. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.</i></p>				
	<p>Name of facility #1: City of Fort Meade Public Facility Maintenance Yard</p> <p>Name of facility #2: Sweeper Bin</p> <p>Name of facility #3: City of Fort Meade Waste Water Treatment Plant</p> <p>Name of facility #4:</p>	<p>Number of Inspections</p> <p>12</p> <p>20</p> <p>12</p>	<p>NPDES Maintenance Log Book</p> <p>NPDES Maintenance Log Book</p> <p>Monthly Reports</p>	<p>CFM</p> <p>CFM</p> <p>CFM</p>	<p>Sweeping material contained in a 20cyd roll back dumpster</p>
Part	Pesticides, Herbicides, and Fertilizer Application				

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III.A.6					
	<p>Continue to require proper certification and licensing by the Florida Department of Agriculture and Consumer Services (FDACS) for all applicators contracted to apply pesticides, herbicides, or fertilizers on permittee-owned property, as well as any permittee personnel employed in the application of these products. Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. Report the number of permittee personnel and contractors who have been trained through the Green Industry BMP Program, and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.</p> <p><i>DEP Note: If "0" is reported in Column C for any of the reporting items, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training / certification was previously provided / obtained, and the names of the personnel and contractors previously trained / certified.</i></p>				
	<p>PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides</p>	0			All applications are contracted
	<p>CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides</p>	3	NPDES Maintenance Log Book	Applied Aquatics, Keith Pest Control, Gary Sykes Spray Service	Applicators treat City owned property
	<p>CONTRACTORS: FDACS certified / licensed applicators of fertilizer</p>	3	NPDES Maintenance Log Book	Applied Aquatics, Keith Pest Control, Gary Sykes Spray Service	Applicators treat City owned property
	<p>PERSONNEL: Green Industry BMP Program training completed</p>	0			All applications are contracted
	<p>CONTRACTORS: Green Industry BMP Program training completed</p>	3	GI BMP Cert. List	Applied Aquatics, Keith Pest Control, Gary Sykes Spray Service	
	<p>Pursuant to SB 2080 (2009), all local governments are encouraged to adopt a Florida-friendly Landscaping Ordinance similar to the one set forth in the document "Florida-friendly Guidance Models for Ordinances, Covenants and Restrictions." If the broader Florida-friendly ordinance described above is not adopted, then <u>all local governments within the watershed of a nutrient-impaired water body</u> shall adopt the Department's Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes pursuant to SB 494 (2009) or an ordinance that includes all of the requirements set forth in the Model Ordinance. The ordinance shall be adopted within 24 months of the date of permit issuance. Provide a copy of the adopted ordinance with the subsequent Year 1 or Year 2 Annual Report.</p> <p><i>DEP Note: If this provision is not applicable because the permittee is not within the watershed of a nutrient-impaired water body, then please indicate that in Column F, but do not remove this reporting item.</i></p> <p><i>DEP Note: Please provide the title and citation of the ordinance in Column D, and the name of the entity who finalized the ordinance in Column E.</i></p>				
	<p>Year 1 or Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance</p>	Ordinance adopted			
	<p>During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage citizens to reduce their use of pesticides,</p>				

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	<p>herbicides, and fertilizers. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable). Activities performed under the Florida Yards and Neighborhoods (FYN) program should only be reported if the permittee is contributing funding towards the FYN staff and program within its jurisdiction.</p> <p><i>DEP Note: The permittee should "customize" the list of public outreach activities by removing items or adding items to the list below as appropriate to their particular public outreach program. However, the reporting item of "Estimated percentage of the population reached by the activities in total" must remain. The permittee may add more specifics to the reporting items, such as the name of the brochure or newsletter distributed. If "0" is reported in Column C for all the reporting items please include in Column F an explanation for why no outreach was performed.</i></p> <p><i>DEP Note: Polk County is to report the public education and outreach activities that it performed county-wide (and not just in the unincorporated areas of Polk County). The co-permittees are to report just the public education and outreach activities that they performed.</i></p> <p><i>DEP Note: Indicate under Column E "Entity Performing the Activity" if FYN or IFAS is performing any of the reported public education and outreach activities. In addition, please complete the following line:</i></p> <p style="text-align: center;">FYN PROGRAM FUNDING: Permittee Provides Funding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Amount of Funding = \$</p>				
	<p>Estimated percentage of the population reached by the activities in total</p> <p>Brochures/Flyers/Fact sheets distributed</p> <p>FYN: Brochure/Flyers/Fact sheets distributed</p> <p>Neighborhood presentations: Number conducted</p> <p>FYN: Neighborhood presentations: Number of participants</p> <p>FYN: Neighborhood presentations: Number conducted</p> <p>Neighborhood presentations: Number of participants</p> <p>Newspapers & newsletters: Number of articles/notices published</p> <p>Newsletters: Number of newsletters distributed</p>	<p>50%</p> <p>Ordinance on Website</p> <p>10</p> <p>10</p> <p>0</p> <p>0</p>	<p>NPDES Log Book</p> <p>Ordinance on Website</p> <p>Florida Friendly Fertilizing Guide Handout tracking sheet</p> <p>Handout tracking sheet</p>	<p>CFM has brochures at City Buildings</p> <p>www.cityoffortmeade.com</p> <p>FYN</p> <p>CFM /Code Enforcement</p> <p>FYN</p> <p>FYN</p> <p>CFM/Code Enforcement</p>	<p>Based on customer traffic at City Buildings</p> <p>150 Florida-Friendly Fertilizing Booklets/100 on Save Water Outdoors/ 100 on Watershed</p> <p>Guide handed out during violation</p> <p>No scheduled presentation / Guide handed out for educational purposes</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
	Public displays (e.g., kiosks, storyboards, posters, etc.)	4	NPDES Maintenance Log Book	City of Fort Meade staff	Public Facilities, City Hall, Library, Community Center
	FYN: Public displays (e.g., kiosks, storyboards, posters, etc.)			FYN	
	Radio or television Public Service Announcements (PSAs)	0			
	FYN: Radio or television Public Service Announcements (PSAs)			FYN	
	School presentations: Number conducted	0			No presentations in reporting year
	School presentations: Number of participants	0			No presentations in reporting year
	FYN: School presentations: Number conducted			FYN	
	FYN: School presentations: Number of participants			FYN	
	Seminars/Workshops: Number conducted	0			No scheduled events for reporting year
	Seminars/Workshops: Number of participants	0			No scheduled events for reporting year
	FYN: Seminars/Workshops: Number conducted			FYN	
	FYN: Seminars/Workshops: Number of participants			FYN	
	Special events: Number conducted	0			No Scheduled events for reporting year
	Special events: Number of participants	0			No scheduled events for reporting year
	FYN: Special events: Number conducted			FYN	
	FYN: Special events: Number of participants			FYN	
	Web Site: Number of hits / visitors to the stormwater-related pages	1	www.cityoffortmeade.com	City of Fort Meade staff	No Web Site counter
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures				
	Where applicable, strengthen the legal authority to conduct inspections, conduct monitoring, control illicit discharges, illicit connections, illegal dumping and spills into the MS4 and to require compliance with conditions in ordinances, permits, contracts, and orders. Report amendments, as needed.				
	<i>DEP Note: If applicable, please provide the title of the attached report in Column D and the name of the entity who finalized the report in Column E.</i>				
	ATTACH a report on any amendments to the applicable legal authority	None	None	None	None
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				

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A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
<p>connections, or dumping to the MS4. Report on the proactive inspection program, including the number of inspections conducted, the number of illicit activities found, and the number and type of enforcement actions taken.</p> <p><i>DEP Note: If "0" is reported in Column C for the first reporting item, please include an explanation in Column F for why no proactive inspections were performed. In addition, the permittee should re-word the "NOVs / warning letters / citations issued" reporting item to more accurately reflect its particular initial enforcement activity, if necessary.</i></p> <p><i>DEP Note: Proactive inspections may include, for example, suspect areas (e.g., industrial areas), commercial businesses (e.g., restaurants, car washes, service stations, laundries / dry cleaners, auto body shops, mobile carpet cleaners) or temporary activities (e.g., special events / fairs / circuses) that would not otherwise be inspected during routine inspections and maintenance of the MS4, in association with high risk industrial facilities or construction sites, or in response to citizen or staff reports.</i></p> <p><i>DEP Note: Polk County is to report ONLY the proactive inspections it performed in the unincorporated areas of Polk County – any proactive inspections it performed in the co-permittees' jurisdictions are to be reported by the co-permittees. Each co-permittee is to report the Polk County proactive inspections done in their jurisdiction separately from the proactive inspections that the co-permittee performed itself.</i></p> <p><i>DEP Note: Refer to Part III.A.7.c of the permit for what must be included in the written proactive inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.</i></p>					
<p>Proactive inspections performed by Polk County on behalf of a co-permittee for suspected illicit discharges / connections / dumping</p>				Polk County DNR	
<p>Proactive inspections performed by the permittee for suspected illicit discharges / connections / dumping</p>		11	Illicit discharge forms	CFM/Code Enforcement	
<p>Illicit discharges / connections / dumping found during a proactive inspection</p>		11	Illicit discharge forms	CFM/Code Enforcement	Lawn cuts in roadway / educational brochure handed out
<p>Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a proactive inspection</p>		11	Illicit discharge forms	CFM/Code Enforcement	NOV documented and educational brochure handed out
<p>Fines issued for illicit discharges / connections / dumping found during a proactive inspection</p>		0	N/A	N/A	
<p>Year 1 ONLY: Attach the written proactive inspection program plan</p>					
<p>Annually review (and revise, as needed) and implement the permittee's written procedures to conduct reactive investigations to identify and eliminate the source(s) of illicit discharges, illicit connections or improper disposal to the MS4, based on reports received from permittee personnel, contractors, citizens, or other entities regarding suspected illicit activity. Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken. If a permittee relies on Polk County to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Polk County shall make available) the necessary annual report information from the County.</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
	<i>DEP Note: If the number of reports received differs from the number of reactive investigations, please provide an explanation for the discrepancy in Column F. In addition, the permittee should re-word the "NOVs / warning letters / citations issued" reporting item to more accurately reflect its particular initial enforcement activity, if necessary.</i>					
	Reports received by Polk County of suspected illicit connections / discharges / dumping received		0			No reports received
	Reports received by the permittee of suspected illicit connections / discharges / dumping received		2	Incident Tracking Sheet / NPDES Log Book	CFM	Bio Solids Treatment Plant / Elliot's Steamway Cleaning
	Reactive investigations of reports of suspected illicit discharges/ connections / dumping		2	Incident Tracking Sheet / NPDES Log Book	CFM	Bio Solids Treatment Plant / Elliot's Steamway Cleaning
	Illicit discharges / connections / dumping found during a reactive investigation		2	Incident Tracking Sheet / NPDES Log Book	CFM	Bio Solids Treatment Plant / Notified FDEP
	Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a reactive investigation		0		CFM	Verbal Warning to clean up discharge
	Fines issued for illicit discharges / connections / dumping found during a reactive investigation		0			Notified FDEP
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, fleet maintenance staff, and inspectors) <u>and contractors</u> to identify and report conditions in the stormwater facilities that may indicate the presence of illicit discharges / connections / dumping to the MS4. 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).					
	<i>DEP Note: If "0" is reported for either reporting item, please include in Column F an explanation of why training was not provided to / obtained by personnel and contractors during the applicable reporting year, the most recent year that training was previously provided / obtained, and the names of the personnel and contractors previously trained.</i>					
		Initial Training	Refresher Training			
	Personnel trained	5	5		Sign in Sheet	Polk County Natural Resources
	Contractors trained	2	2		FDOT	Peace River Trail and Lighting Project on US 17
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. If a permittee relies on the Polk					

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<p>County Fire Rescue or Fire Services Division to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Polk County Fire Rescue/Fire Services Division shall make available) the necessary annual report information from the County.</p>					
	<p><i>DEP Note:</i> 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.</p>					
	<p>Hazardous and non-hazardous material spills responded to</p>	<p>0</p>	<p>Fire Station Report</p>	<p>Fort Meade Fire Dept.</p>	<p>No Spills Reported</p>	
	<p>During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, firefighters, fleet maintenance staff and inspectors) <u>and contractors</u> 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).</p> <p><i>DEP Note:</i> 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.</p>					
	<p>Personnel trained</p>	<p>Initial Training 14</p>	<p>Refresher Training 5</p>		<p>NPDES Maintenance Log Book</p>	<p>Fort Meade Fire Dept.</p>
<p>Contractors trained</p>	<p>2</p>	<p>0</p>		<p>Pre-C on Meeting</p>	<p>FDOT District 1</p>	
<p>Part III.A.7.e</p>	<p>Illicit Discharges and Improper Disposal — Public Reporting</p>					
	<p>During Year 1 of the permit, develop and implement a written public education and outreach program plan to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials into the MS4. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).</p>					
	<p><i>DEP Note:</i> The permittee should "customize" the list of public outreach activities by removing items or adding items to the list below as appropriate to their particular public outreach program. However, the reporting item of "Estimated percentage of the population reached by the activities in total" must remain. The permittee may add more specifics to the reporting items, such as the name of the brochure or newsletter distributed. If "0" is reported in Column C for all the reporting items, please include in Column F an explanation for why no outreach was performed.</p>					
	<p><i>DEP Note:</i> Polk County is to report the public education and outreach activities that it performed county-wide (and not just in the unincorporated areas of Polk County). The co-permittees are to report just the public education and outreach activities that they performed.</p>					
	<p>Estimated percentage of the population reached by the activities in total</p> <p>Publicize the Polk County or local Pollution Complaint Hotline</p> <p>Brochures/Flyers/Fact sheets distributed</p>	<p>50%</p>	<p>Illicit Hotline on Website/Brochure handout at City Buildings</p>	<p>CFM</p>	<p>Estimate based on customer traffic</p>	
	<p>Daily</p>	<p>CFM Website</p>	<p>CFM</p>	<p>Posted in City Buildings</p>		
	<p>11</p>	<p>NPDES Log Book</p>	<p>CFM / Code</p>	<p>Brochures</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
				Enforcement	supplied to violators
	Neighborhood presentations: Number conducted	0			
	Neighborhood presentations: Number of participants	0			
	Newspapers & newsletters: Number of articles/notices published	0			
	Newsletters: Number of newsletters distributed	0			
	Public displays (e.g., kiosks, storyboards, posters, etc.)	4	NPDES Log Book	CFM	Brochures at City Buildings
	Radio or television Public Service Announcements (PSAs)	0			
	School presentations: Number conducted	1		CFM	Leadership
	School presentations: Number of participants	20		CFM	Leadership
	Seminars/Workshops: Number conducted	0			
	Seminars/Workshops: Number of participants	0			
	Special events: Number conducted	0			
	Special events: Number of participants	0			
	Web Site: Number of visitors to the stormwater-related pages	CFM provides a web site, No counter to track hits	Info provided on Web site	CFM	
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control				
	<p>During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage the proper use and disposal of used motor vehicle fluids, leftover hazardous household products, and lead acid batteries. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).</p> <p><i>DEP Note: The permittee should "customize" the list of public outreach activities by removing items or adding items to the list below as appropriate to their particular public outreach program. However, the reporting items of "Estimated percentage of the population reached by the activities in total" and "Household Chemical Collection Center Program: Amount of waste collected / recycled / properly disposed (tons)" must remain. The permittee may add more specifics to the reporting items, such as the name of the brochure or newsletter distributed. If "0" is reported in Column C for all the reporting items, please include in Column F an explanation for why no outreach was performed.</i></p> <p><i>DEP Note: Polk County is to report the public education and outreach activities that it performed county-wide (and not just in the unincorporated areas of Polk County). The co-permittees are to report just the public education and outreach activities that they performed.</i></p>				
	Estimated percentage of the population reached by the activities in total	50%	NPDES Log Book	CFM	Hazardous Chemicals and How to dispose of brochures
	Household Chemical Collection Center Program: Amount of waste collected / recycled / properly disposed (tons)	0	Polk Co. Landfill	Polk Co. Landfill	Republic Services collects

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A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
	Household Chemical Collection Center Program: Events	0			all waste None in reporting year
	Household Hazardous Waste Materials Guides distributed	250	NPDES Log Book	CFM	Hazardous Chemicals and How to dispose of Brochure
	Brochures/Flyers/Fact sheets distributed	250	NPDES Log Book	CFM	Posted in City Buildings
	Neighborhood presentations: Number conducted	0			
	Neighborhood presentations: Number of participants	0			
	Newspapers & newsletters: Number of articles/notices published	0			
	Newsletters: Number of newsletters distributed	0			
	Public displays (e.g., kiosks, storyboards, posters, etc.)	4	NPDES Log Book	CFM	Posted in City Buildings
	Radio or television Public Service Announcements (PSAs)	0			
	School presentations: Number conducted	0			
	School presentations: Number of participants	0			
	Seminars/Workshops: Number conducted	0			
	Seminars/Workshops: Number of participants	0			
	Special events: Number conducted	0			
	Special events: Number of participants	0			
	Storm sewer inlets newly marked/replaced	15	NPDES Log Book	CFM	
	Web Site: Number of visitors to the stormwater-related pages	1	City Website	CFM	No Web counter
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				
	<p>Annually review (and revise, as needed) and implement the permittee's written procedures to reduce or eliminate sanitary wastewater contamination into the MS4, including discharges to the MS4 from sanitary sewer overflows (SSOs) and from inflow / infiltration from collection / transmission systems and/or septic tank systems. Advise the appropriate utility owner of a violation if constituents common to wastewater contamination are discovered in the MS4. Report on the type and number of activities undertaken to reduce or eliminate SSOs and inflow / infiltration, the number of SSOs or inflow / infiltration incidents found and the number resolved, and the name of the owner of the sanitary sewer system within the permittee's jurisdiction.</p> <p><i>DEP Note: The permittee needs to "customize" this section as it pertains to the type of activities undertaken to reduce or eliminate SSOs and inflow / infiltration into the MS4. The first five reporting items below are examples.</i></p> <p><i>DEP Note: The permittee should contact the appropriate authorities for accurate reporting information, such as the sanitary sewer system operator who is responsible for investigating and eliminating SSOs and the local health department who is responsible for permitting / overseeing septic tank systems.</i></p> <p><i>DEP Note: Report only the SSOs and inflow / infiltration incidents into the MS4.</i></p>				
	Activity to reduce/eliminate SSOs and inflow / infiltration: Sanitary sewer pipe inspected for infiltration (linear feet)	100	Work Orders	CFM	

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	Activity to reduce/eliminate SSOs and inflow / infiltration: Sanitary sewer pipe sealed, lined, and / or replaced (linear feet)	150	Work Orders	CFM	
	Activity to reduce/eliminate SSOs and inflow / infiltration: Sanitary sewer line breaks repaired	6	Work Orders	CFM	
	Activity to reduce/eliminate SSOs and inflow / infiltration: Septic systems removed	0			No Septic's Removed
	Activity to reduce/eliminate SSOs and inflow / infiltration: Emergency generator added	0			None added in reporting year
	SSO incidents discovered	1	Incident Report	CFM	
	SSO incidents resolved	1	Incident Report	CFM	
	Inflow / infiltration incidents discovered	0			No incidents
	Inflow / infiltration incidents resolved	0			No issues to resolve during reporting year
	Name of owner of the sanitary sewer system	City of Fort Meade			
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections				
	<p>Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface water body into which each high risk facility discharges. For the purposes of this permit, high risk facilities include:</p> <ul style="list-style-type: none"> • Operating municipal landfills; • Hazardous waste treatment, storage, disposal and recovery facilities; • Facilities that are subject to EPCRA Title III, Section 313 (also known as the Toxics Release Inventory (TRI) maintained by the U.S. EPA); and • Any other industrial or commercial discharge that the permittee determines is contributing a substantial pollutant loading to the permittee's MS4. This could include facilities identified through the proactive inspection program as per Part III.A.7.c of the permit. <p>Report on the high risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. If a permittee relies on Polk County to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Polk County shall make available) the necessary annual report information from the County.</p> <p><i>DEP Note: The TRI is updated every spring / summer by the U.S. EPA at www.epa.gov/triexplorer. Select "Facility" on the left, chose your Geographic Location, and then select "Generate Report." Please indicate in Column F when (month / year) you last checked EPA's TRI for applicable facilities.</i></p> <p>During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facilities to determine compliance with all appropriate aspects of the stormwater program. While the permittee may determine the order and frequency of the inspections, the permittee shall inspect each identified facility at least once during the permit term; however, facilities identified as high risk due to the findings of the proactive inspection program as per Part III.A.7.c of the permit shall be inspected annually. Report on the high risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken. If a permittee relies on Polk County to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Polk County shall make available) the necessary annual report information from the County.</p> <p><i>DEP Note: If "0" is reported for the number of 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. In addition, the permittee should re-word the "NOVs / warning letters / citations issued" reporting item to more accurately reflect its particular initial enforcement activity, if necessary.</i></p>				

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A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity			C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
<p><i>DEP Note: Polk County is to report ONLY the inventory of high risk facilities in the unincorporated areas of Polk County – the inventory of high risk facilities located in the co-permittees’ jurisdictions are to be reported by the co-permittees. Likewise, the County is to report ONLY the high risk facility inspections it performed in the unincorporated areas of Polk County – any high risk facility inspections it performed in the co-permittees’ jurisdictions are to be reported by the co-permittees. Each co-permittee is to obtain the necessary information from Polk County that pertains to its jurisdiction.</i></p>							
		Number of Facilities	Number of Inspections	For violations discovered during a high risk inspection			
				Fines issued	Notices of Violation (NOVs) / warning letters / citations issued		
Total high risk facilities		0					Feb. 2015 checked EPA's TRI
New high risk facilities added to the inventory during the current reporting period		0					
Operating municipal landfills		0				Polk Co. Landfill	Polk Co. No Landfill
Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities		0				Polk Co. Landfill	Polk Co. No Facility
EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)		0					No Facility
Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c		0					None
Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)		0					None
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries						
<p>Sampling of the discharge to the stormwater system may be required on an as-needed basis in the event that inspections of high-risk facilities disclose suspected illicit discharges to the MS4. New high-risk industrial facilities as defined in 40 CFR 122.26(d)(2)(iv)(C) must be evaluated to determine if the new discharge is contributing a substantial pollutant load to the MS4. The evaluation may include site-specific monitoring. Report the number of high risk facilities sampled. If a permittee relies on Polk County to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Polk County shall make available) the necessary annual report information from the County.</p> <p><i>DEP Note: Polk County is to report ONLY the number of high risk facilities in the unincorporated areas of Polk County that were sampled – the high risk facilities located in the co-permittees’ jurisdictions that were sampled by the County are to be reported by the co-permittees.</i></p>							

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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
	High risk facilities sampled	0	0	0	0
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices				
	<p>Continue to implement the local codes or land development regulations and the written pre-construction site plan review procedures that require the use and maintenance of appropriate structural and non-structural erosion and sedimentation controls during construction to reduce the discharge of pollutants to the MS4. Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.</p> <p><i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C.</i></p>				
	PERMITTEE SITES: Construction site plans reviewed	1	Pre-Construction Meeting	FDOT / CFM	Fort Meade Peace River Trail
	PERMITTEE SITES: Construction site plans approved	1	Pre-Construction Meeting	FDOT / CFM	Fort Meade Peace River Trail
	PRIVATE SITES: Construction site plans reviewed	1	Pre-Construction Meeting	FDOT	Fort Meade Peace River Trail
	PRIVATE SITES: Construction site plans approved	1	Pre-Con meeting	FDOT	Fort Meade Peace River Trail
	<p>Annually review (and revise, as needed) and implement the permittee's written procedures to notify all new development / redevelopment permit applicants of the need to obtain all required stormwater permits. Report the number of new development/redevelopment permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.</p> <p><i>DEP Note: Please provide an explanation in Column F for any "0" reported in Column C. If the number of applicants notified of ERP or CGP coverage is less than the number of construction site plans reviewed, please provide an explanation for the discrepancy in Column F.</i></p>				
	Notified of ERP stormwater permit requirements	1	FDOT Project	Central Concrete Products	Billy Flood Project Superintendent
	Confirmed ERP coverage	1	Permit required	FDOT	
	Notified of CGP stormwater permit requirements	1	FDOT Project	Central Concrete Products	Billy Flood Project Superintendent
	Confirmed CGP coverage	1	Permit required	FDOT	
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				
	<p>As an attachment to the Year 1 Annual Report, the permittee shall submit a written plan that details the standard operating procedures for implementation of the stormwater, erosion and sedimentation inspection program for construction sites discharging stormwater to the MS4. The permittee shall implement the plan for inspecting construction sites immediately upon written approval by the Department. Prior to Department approval, the permittee shall continue to perform inspections in accordance with its previously developed construction site inspection procedures. Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken.</p> <p><i>DEP Note: If "0" is reported in Column C for the number of inspections conducted, please provide an explanation in Column F of why no inspections were conducted. If the number of inspections reported is equal to or less than the number of active construction sites, or the percentage inspected is less than 100%,</i></p>				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<p><i>please provide an explanation in Column F. In addition, the permittee should re-word the “NOVs / warning letters / citations issued” reporting item to more accurately reflect its particular initial enforcement activity, if necessary.</i></p> <p>DEP Note: Refer to Part III.A.9.b of the permit for what must be included in the construction site inspection program plan. Please provide the title of the attached plan in Column D and the name of the entity who finalized the plan in Column E.</p> <p>PERMITTEE SITES: Active construction sites</p> <p>PERMITTEE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs</p> <p>PERMITTEE SITES: Percentage of active construction sites inspected</p> <p>PRIVATE SITES: Active construction sites</p> <p>PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs</p> <p>PRIVATE SITES: Percentage of active construction sites inspected</p> <p>Red Tags issued</p> <p>Notices of Violation (NOVs) issued</p> <p>Stop Work Orders issued</p> <p>Fines issued</p> <p>Year 1 ONLY: Attach the written construction site inspection program plan</p>	<p>1</p> <p>6</p> <p>100%</p> <p>1</p> <p>Daily</p> <p>100%</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>Pre-Construction Meeting</p> <p>Construction Site Insp. Checklist</p> <p>Construction Site Insp. Checklist</p> <p>Pre-Construction Meeting</p> <p>Inspection Reports</p> <p>Inspection Reports</p>	<p>CFM</p> <p>CFM</p> <p>CFM</p> <p>FDOT / CFM</p> <p>RK&K Joshua Rivera / CFM</p> <p>RK&K Joshua Rivera</p>	<p>Peace River Trail at Fort Meade River Park</p> <p>Peace River Trail at Fort Meade River Park</p> <p>Peace River Trail at Fort Meade River Park</p> <p>Peace River Trail</p> <p>Peace River Trail Inspected during Construction Activity</p> <p>Peace River Trail</p>
Part III.A.9.c	Construction Site Runoff — Site Operator Training				
	<p>During Year 1 of the permit, develop and implement a written plan for stormwater training / outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by <u>or under contract with</u> the permittee) 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.</p> <p><i>DEP Note: If “0” is reported for any of these reporting items, please include in Column F an explanation of why training was not provided to / obtained by the permittee’s staff and private construction site operators during the applicable reporting year.</i></p> <p><i>DEP Note: The permittee should report only the number of staff and private construction site operators trained / certified during the applicable reporting year, and</i></p>				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.			C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity			Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<i>then note in Column F the number of staff who were previously trained / certified. Private site operator training can include pre-construction meetings.</i>							
	Inspector Certification Training	Non-Inspector Initial Training (non-certification)	Refresher Training				
Permittee construction site inspectors	3		1		Florida Stormwater Association Certification	PCNR / FSA	Erosion and Sediment Control Inspector Training Provided
Permittee construction site plan reviewers		1			City Planner	CFM	April Brown
Permittee construction site operators		0					No certified operators
Private construction site operators		1			Pre-Construction Meeting	FDOT / Central Concrete Products	Peace River Trail at Fort Meade River Park

SECTION VIII. EVALUATION OF THE STORMWATER MANAGEMENT PROGRAM (SWMP)

Permit Citation/ SWMP Element	SWMP EVALUATION
Part II.A.1 Structural control inspection and maintenance	Strengths: City of Fort Meade has an Agreement for Services with an Engineering Firm to develop GIS Mapping System for the MS4.
	Weaknesses: Update the mapping for the Stormwater Infrastructure
	SWMP Revisions to address deficiencies:
Part II.A.2 Significant redevelopment	Strengths: Land Development codes require stormwater treatment and structure designed to treat runoff. City staff has the desire to rehab its infrastructure.
	Weaknesses:
	SWMP Revisions to address deficiencies:
Part II.A.3 Roadways	Strengths:
	Weaknesses:
	SWMP Revisions to address deficiencies:
Part II.A.4 Flood control	Strengths: City staff aware of the importance to do inspections and maintenance activities on structures and to familiarize ourselves on hotspots to monitor during and after storm events.
	Weaknesses: Turnover in personnel and staff with historical knowledge.
	SWMP Revisions to address deficiencies: Set up for training
Part II.A.5 Waste TSD Facilities	Strengths:
	Weaknesses:
	SWMP Revisions to address deficiencies:
Part II.A.5 Waste TSD Facilities	Strengths:
	Weaknesses:
	SWMP Revisions to address deficiencies:
Part II.A.6 Pesticide, herbicide, fertilizer	Strengths: City of Fort Meade contracts with companies for Pesticides, Herbicide and Fertilizer application that are FDACS and Green Industries certified.
	Weaknesses: None at this time.

SECTION VIII. EVALUATION OF THE STORMWATER MANAGEMENT PROGRAM (SWMP)

	application	SWMP Revisions to address deficiencies:
	Part II.A.7 Illicit Discharge Detection and Elimination	Strengths: The availability of training courses to educate staff with no previous training.
		Weaknesses: Educating the citizens and staff on detection and reporting.
		SWMP Revisions to address deficiencies: Updated City Website to provide accurate and reliable information.
	Part II.A.8 High Risk Industry Runoff	Strengths: No High Risk Facilities
		Weaknesses:
		SWMP Revisions to address deficiencies:
	Part II.A.9 Construction Site Runoff	Strengths: In the reporting year City staff completed Erosion and Sediment Control training and issued certificates of completion.
		Weaknesses: The City has a limited crew and stretched thin in the field.
		SWMP Revisions to address deficiencies:

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. <i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i>
		None 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) <i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i>
		None 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
<input type="checkbox"/>	X	Part II.F	EACH ANNUAL REPORT: If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.		
<input type="checkbox"/>	X	Part III.A.1	EACH ANNUAL REPORT: An explanation of why the minimum inspection frequency in Table II.A.1.a was not met, if applicable.		
<input type="checkbox"/>	X	Part III.A.4	EACH ANNUAL REPORT: A list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it did not, if applicable.		
<input type="checkbox"/>	X	Part III.A.7.a	EACH ANNUAL REPORT: A report on amendments / changes to the legal authority to control illicit discharges, connections, dumping, and spills, if applicable.		
<input type="checkbox"/>	X	Part V.B.9	EACH ANNUAL REPORT: Reporting and assessment of monitoring results. [Also addressed in Section III of the Annual Report Form]		
<input type="checkbox"/>	X	Part VI.B.2	EACH ANNUAL REPORT: An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, <u>at a minimum</u> , must include responses to the questions listed in the permit.		
<input type="checkbox"/>	X	Part VIII.B.3.e	EACH ANNUAL REPORT: A status report on the implementation of the requirements in this section of the permit and on the estimated load reductions that have occurred for the pollutant(s) of concern.		
<input type="checkbox"/>	X	Part VIII.B.4.f	EACH ANNUAL REPORT after approval of the BPCP: The status of the implementation of the Bacterial Pollution Control Plan (BPCP).		
<input type="checkbox"/>	X	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).		
<input type="checkbox"/>	X	Part III.A.3	YEAR 1: If have curbs and gutters but no street sweeping program, an explanation of why no street sweeping program and the alternate BMPs used or planned.		
<input type="checkbox"/>	X	Part III.A.6	YEAR 1 or YEAR 2: A copy of the adopted Florida-friendly Ordinance, if applicable.		
<input type="checkbox"/>	X	Part III.A.7.c	YEAR 1: A proactive illicit discharge / connection / dumping inspection program plan.		
<input type="checkbox"/>	X	Part III.A.9.b	YEAR 1: A construction site inspection program plan. [For approval by DEP]		
<input type="checkbox"/>	X	Part III.A.2	YEAR 2: A summary report of a review of codes and regulations to reduce the stormwater impact from new development / redevelopment.		
<input type="checkbox"/>	X	Part V.A.2	YEAR 3: Estimates of annual pollutant loadings and EMCs, and a table comparing the current calculated loadings with those from the previous two Year 3 ARs.		
<input type="checkbox"/>	X	Part III.A.2	YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from new development / redevelopment.		
<input type="checkbox"/>	X	Part V.A.3	YEAR 4: If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.		
<input type="checkbox"/>	X	Part V.B.3	YEAR 4: The monitoring plan (with revisions, if applicable).		
X	<input type="checkbox"/>	Part VII.C	YEAR 4: An application to renew the permit.	001	Cover Letter
X	<input type="checkbox"/>	Part VIII.B.3.d	YEAR 4: A TMDL Implementation Plan / Supplemental SWMP.	002	BPCP – WBID 1623J Peace River

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

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

REMINDER LIST OF THE TMDL / BMAP REPORTS TO BE SUBMITTED SEPARATELY FROM AN ANNUAL REPORT

Rule / Permit Citation	Report Title	Due Date
Part VIII.B.3.a	6 MONTHS from effective date of permit: TMDL Prioritization Report.	3/12/12
Part VIII.B.3.b	12 MONTHS from effective date of permit: TMDL Monitoring and Assessment Plan.	7/08/15
Part VIII.B.3.c	6 MONTHS from receiving analyses from the lab: TMDL Monitoring Report.	TBD
Part VIII.B.4	30 MONTHS from start date per TMDL Prioritization Report: A Bacterial Pollution Control Plan (BPCP).	3/25/16

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		
Part VIII.B.2		
Part VIII.B.2		
Part VIII.B.2		

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

WBID 1623J: PEACE RIVER ABOVE BOWLEGS CREEK

Bacterial Pollution Control Plan

March 24, 2016

PREPARED FOR

City of Fort Meade
521 NW 4th Street
Fort Meade, FL 33841

PREPARED BY

Chastain-Skillman, Inc.
Certificate of Authorization No. CA262
4705 Old Highway 37 (33813)
Post Office Box 5710
Lakeland, Florida 33807-5710
[863] 646-1402

ENVIRONMENTAL SCIENTIST:

Julie A. Burford



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- Figure 4. Location of water quality sampling site managed by the City of Fort Meade.
- Figure 5. Results from 2015 fecal coliform sampling by the City of Fort Meade.

1. INTRODUCTION

The Florida Department of Environmental Protection (FDEP) finalized the Peace River above Bowlegs Creek (WBID 1623J) Total Maximum Daily Load (TMDL) Report for Fecal and Total Coliform in February 2007. The river was verified as impaired for fecal coliform bacteria because greater than 10 percent of samples taken along the River, specifically 21 percent, were in excess of the Class III freshwater criteria (400 CFU/100ML). The TMDL established a wasteload allocation (WLA) requiring a 23 percent reduction in current anthropogenic fecal coliform loading during the “Moist” period and a 52 percent reduction of current anthropogenic fecal coliform loading during the “Dry” period. It should be noted that any MS4 permittee will only be responsible for reducing the loads associated with stormwater outfalls that it owns or otherwise has responsible control over, and it is not responsible for reducing other nonpoint source loads in its jurisdiction.

WBID 1623J is located within the Upper Peace River Basin, in central Polk County, Florida. Its headwaters include Lake Hancock (Saddle Creek) and the Peace Creek watersheds, as shown in **Figure 1**. WBID1623J is approximately 39 square miles and includes portions of Bartow and Fort Meade corporate limits as well as unincorporated Polk County. WBID 1623J falls within the Polk County Phase I Municipal Separate Stormwater Sewer Systems (MS4) permit (No. FLS000015). The cities of Fort Meade and Bartow act as co-permittees for the portions of their jurisdictions located within the WBID. However, it should be noted that multiple co-permittees, beyond Bartow and Fort Meade discharge runoff into the Greater Peace River watershed, upstream of WBID 1623J.

This report will focus on the area of WBID 1623J within the City of Fort Meade (the “City”) to satisfy reduction in bacterial pollution requirements identified by the TMDL.

2. MONITORING DATA

Monitoring data used to determine impairment of and develop the 2007 Fecal Coliform TMDL for WBID1623J was obtained from five (5) monitoring sites maintained by FDEP, Polk County Natural Resources Division (PCNRD), and SWFWMD. **Figure 2** shows the location and **Figure 3** provides the results of these monitoring sites. However, it should be noted that only site 21FLSWDFLO0036 is located near the City limits, the remaining stations are all located upstream of the City’s jurisdiction. Furthermore, fecal coliform measurements at site 21FLSWDFLO0036 did not exceed the 400 counts/100 mL criteria over the verification period, as well as 21FLTPA27484828147401 which was the nearest monitoring station upstream of the City. The impairment determination was a result of exceedances from sites 21FLA25020044, 21FLPOLKP.C.CANAL10, and 21FLPOLKPEACERIVER1, which are all located upstream of the City. Upstream WBID’s, 1539 and 1623, are also identified as impaired for fecal, while WBID’s downstream of the City are not. Thus, it appears the impairment is a result of upstream contributions rather than those from the City.

As outlined by the City’s TMDL monitoring plan, the City collected 10 fecal measurements (grab samples) at a site located on South Hendry Avenue, due south of U.S.98/SR 700, between July 14 and August 12 of 2015 (**Figure 4**). As shown in **Figure 5**, the sampling results indicate that fecal coliform levels within the City are on average 286 CFU/100mL, well below the FDEP criteria of 400 CFU/mL, with the exception of two exceedingly high samples (7/24/2015 and 8/6/2015). However, the monitoring site was located directly downstream of a grazed pasture.

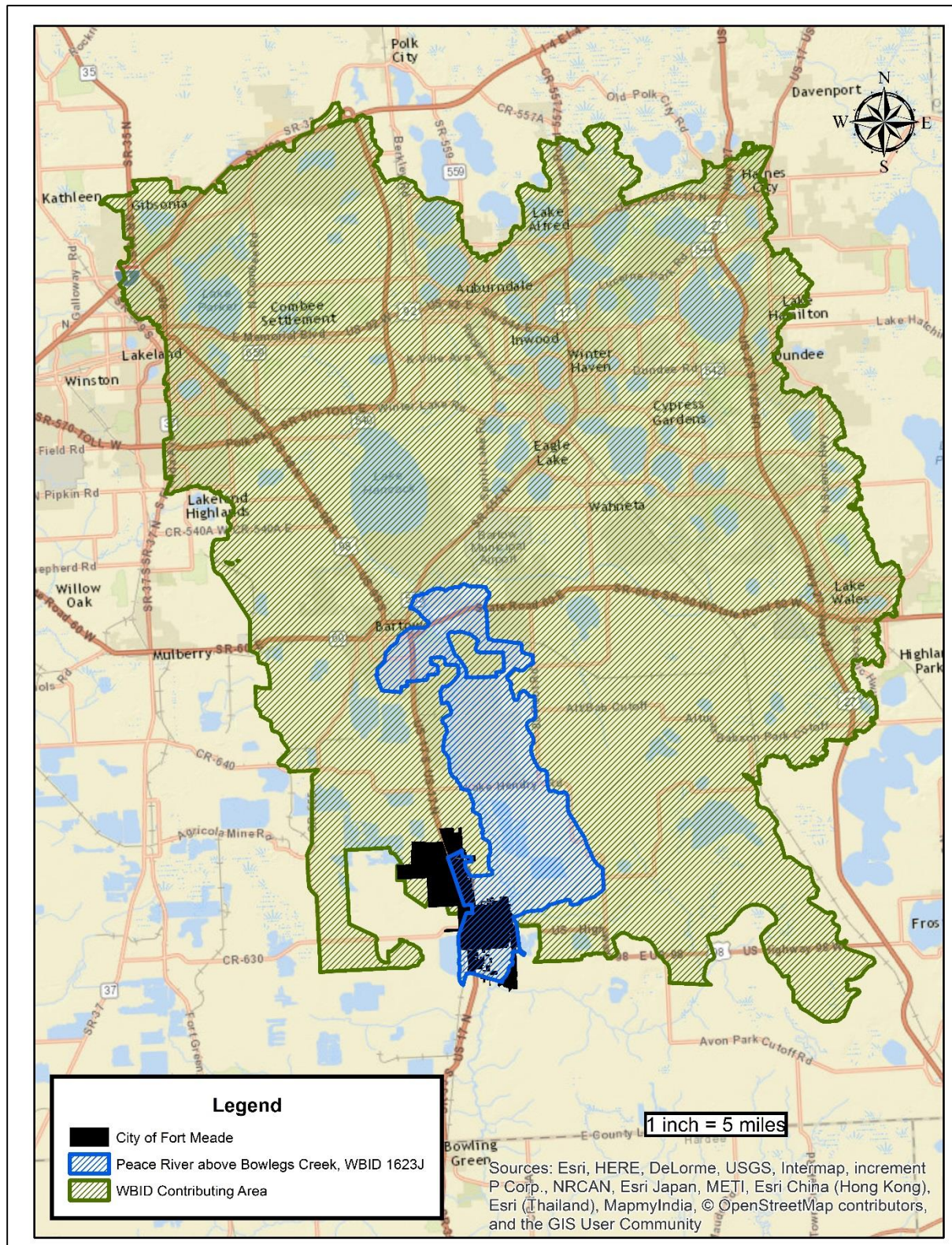


Figure 1. General location of WBID 1623J and the City of Fort Meade.

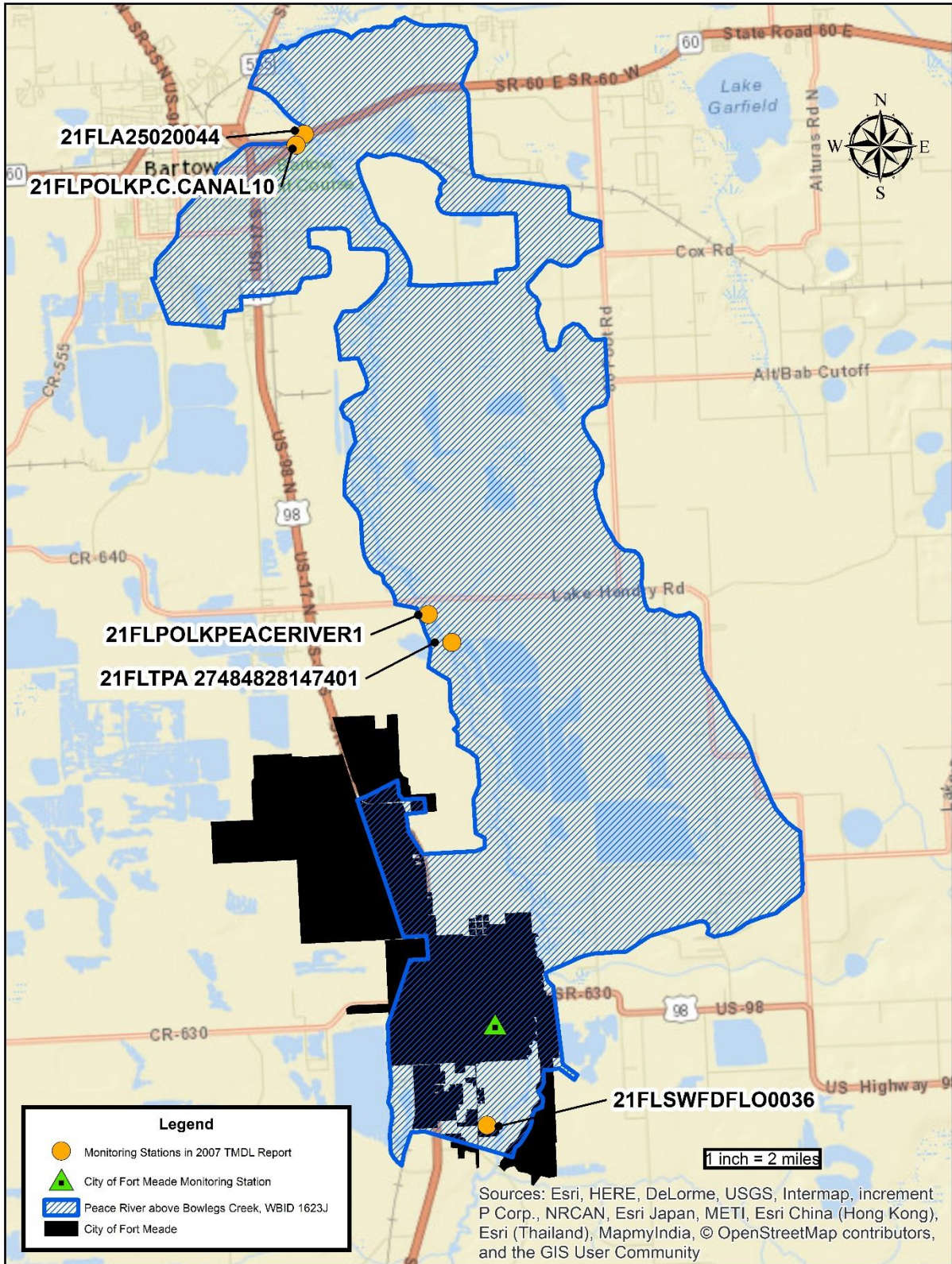


Figure 2. Locations of fecal coliform monitoring locations in WBID 1623J

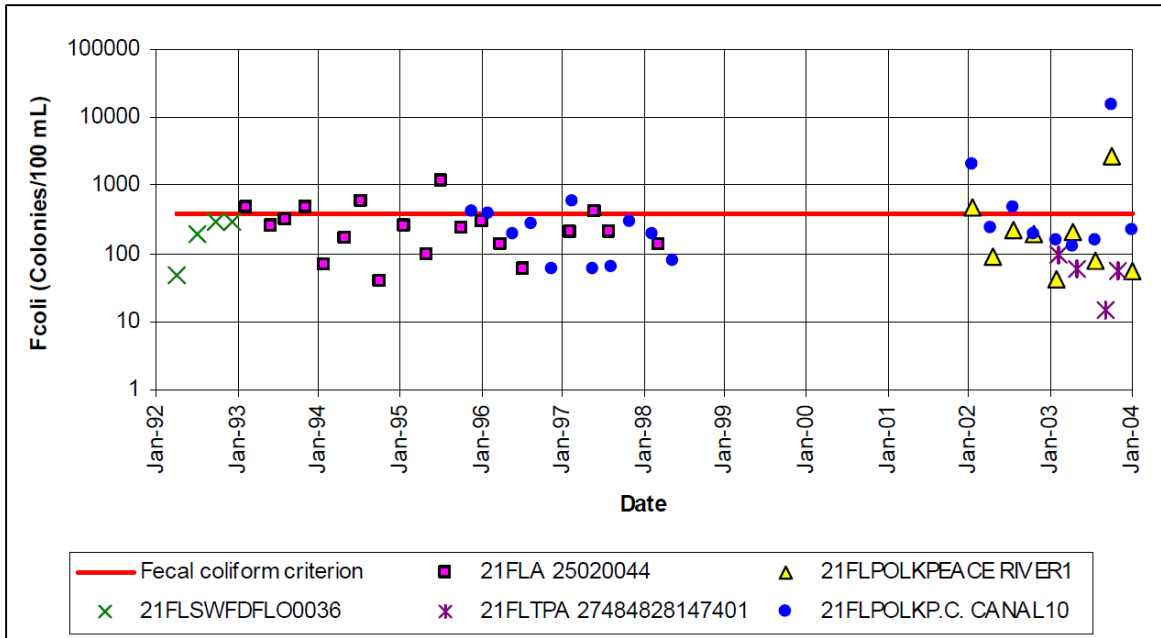


Figure 3. Fecal coliform measurements for WBID 1623J, January 1992-December 2003 (adapted from FDEP TMDL Report, 2007).

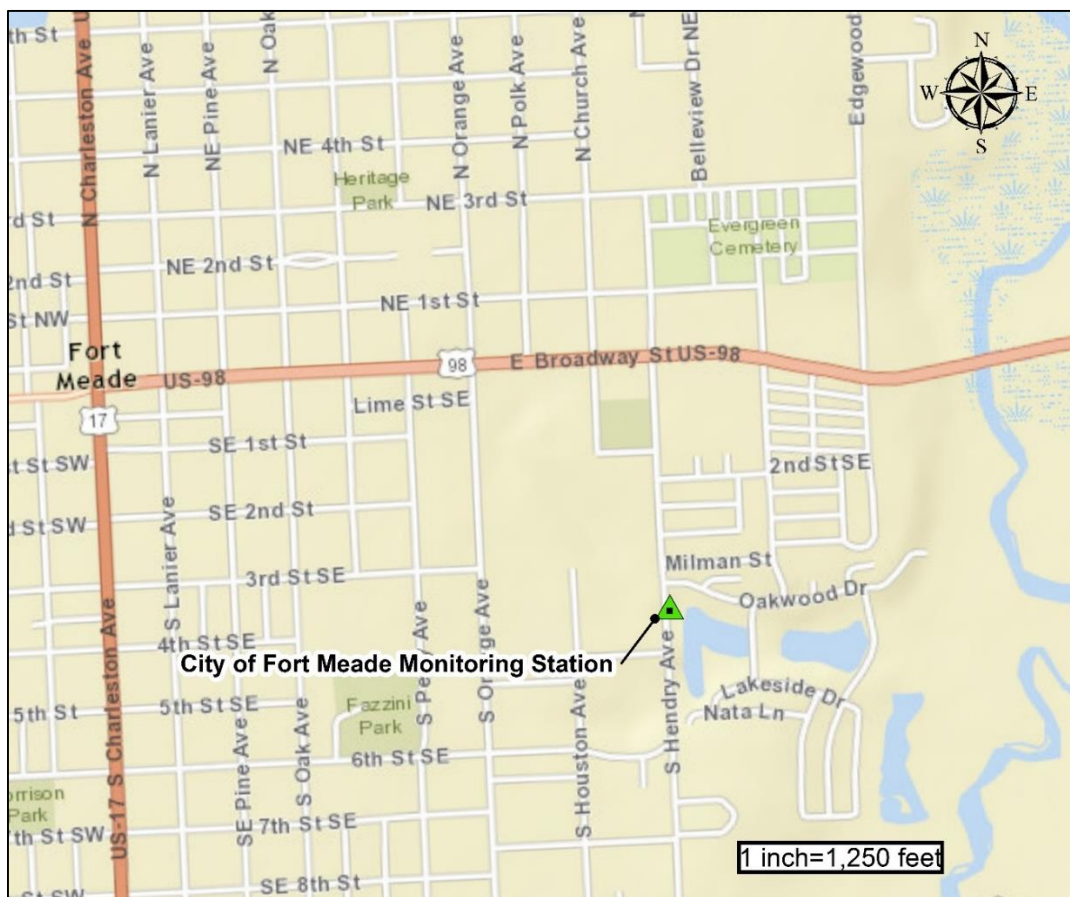


Figure 4. Location of water quality sampling site managed by the City of Fort Meade.

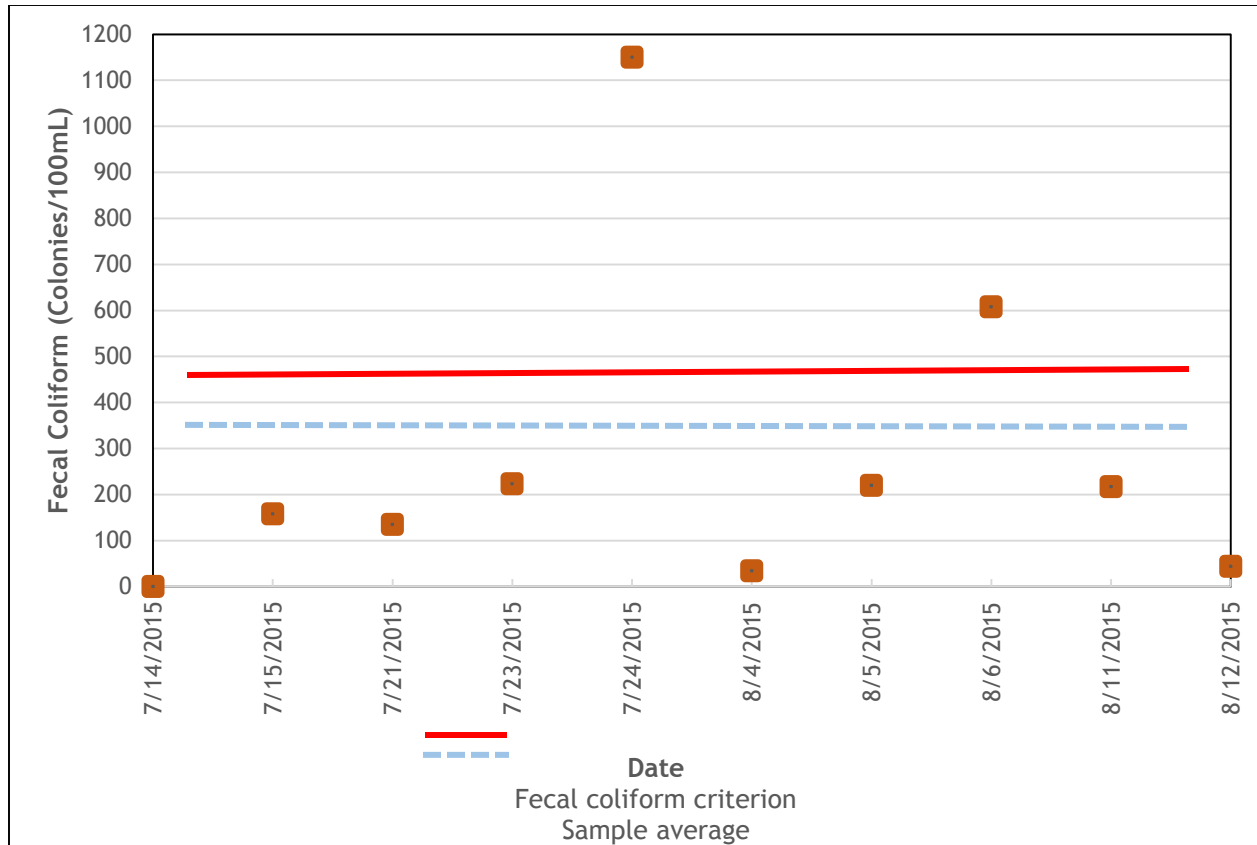


Figure 5. Results from 2015 fecal coliform sampling by the City of Fort Meade.

3. DE MINIMIS CONTRIBUTION BY THE CITY

Based on the analysis of the TMDL and associated monitoring data, it appears the City should be considered a de minimis contributor of fecal coliform to WBID1623J. This conclusion is supported by the facts that:

- The City encompasses 11 percent of WBID 1623J but less than 0.5 percent of the total contributing area, upstream of WBID 1623J.
- The City of Fort Meade is located at the most downstream portion of WBID 1623J.
- WBIDs along the Peace River, directly downstream of the City and WBID 1623J are not considered impaired for fecal.
- Monitoring data shows the impairment was caused by contributions upstream of City discharge points.
- City sampling data shows fecal coliform levels are generally well below the impairment criteria.
- Wastewater treatment is provided by the City’s municipal collection and treatment system. Consequently, only 34 Onsite Treatment and Disposal Systems (OSTDS) are located within the City's portion of WBID 1623J. Whereas, approximately 1,400 permitted septic systems are located within the greater Peace River watershed, upstream of WBID1623J.

4. IMPLEMENTATION STRATEGY PLAN

Even as a de minimis contributor, the City of Fort Meade has shown and will continue to show a commitment to improving the quality of stormwater discharging from their outfalls. The following sections outline activities the City will continue to undertake to help reduce the discharge of Fecal Coliform to WBID1623J.

4.1 Water Quality Complaint Investigations

The City of Fort Meade has two FDEP Certified Stormwater Inspectors two FDEP Certified Level 1 and 2 Stormwater Operators, and four FDEP Sediment and Erosion Control Inspectors that monitor and maintain compliance under the Illicit Discharge Proactive Inspection requirements. In addition, Public Facilities Department staff are aware of the importance of promptly reporting illicit discharges and are directed to respond to high priority cases, such as potential discharges of sanitary sewage, immediately upon receipt of call. All responses and inspection results are documented by the Public Facilities Department in accordance with the City's proactive illicit discharge policy.

4.2 Illicit Discharge Detection and Elimination Program

An illicit discharge is any discharge to the municipal separate storm sewer systems that is not composed entirely of stormwater. Pet waste, sanitary sewer, and livestock manure are typical sources of illicit discharges contributing to the fecal coliform levels within waterbodies. To identify these discharges and address their impacts, Illicit Discharge Detection and Elimination Programs were introduced by the City as required under the existing National Pollutant Discharge Elimination System (NPDES) permit. Since the WBID was designated as impaired in 2007, there has been an increased effort by the City to actively eliminate these illicit discharges.

4.3 Dry Weather Field Screening

Dry weather field screening is designed to identify and characterize dry-weather flows which are often indicators of illicit discharges. During periodic maintenance activities associated with the stormwater management system, inspections are performed to identify potential dry weather discharge. Lakes and ponds are also periodically monitored and investigations are initiated in the event that illicit discharges are discovered.

4.4 Monitoring and Implementation

In addition to dry weather field screening, the City takes other proactive approaches by monitoring open ditch systems, inlets, and piped systems. Areas of potential illicit discharges are recorded and additional maintenance and follow-up is initiated, if necessary. To ensure compliance, follow-up inspections and phone calls are conducted to resolve a recurrent illicit discharge. If a contributor fails to correct an apparent violation in a timely manner, the City Code Enforcement Department is notified of the issue.

4.5 Litter Removal

Trash and sediments from roadways could provide a breeding ground for fecal coliform bacteria once this litter reaches stormwater conveyances and the waterbody. The City maintains a street sweeping program to prevent such bacterial contributions from occurring. The City also inspects top grates on streets for trash and sediments and removes debris as needed.

4.6 Public Education

Since WBID1623J was verified as impaired for fecal bacteria coliform bacteria, the City has increased outreach and educational for known contributors. Educational documents and pamphlets are distributed as needed to educate these contributors of the effects of contributing fecal coliform to the Peace River and how to appropriately manage disposing of human, pet, and livestock animal waste. The City also provides signage and pet waste collection containers at the Peace River Park as a convenience to pet owners to easily dispose of pet waste before it enters the waterbody.

5. CONCLUSION

Based on the results of this analysis the City should not only be considered a de minimis contributor to the fecal coliform impairment of WBID1623J but it should also be considered to be taking appropriate measures, as practicable, to facilitate improvements in the quality of stormwater discharging from its jurisdictional outfalls.