



# Annual Report Form For Individual NPDES Permits For Municipal Separate Storm Sewer Systems (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by email to the NPDES Stormwater Program Administrator or to the MS4 coordinator (<http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm>). Files larger than 10MB may be placed on the FTP site at: [ftp://ftp.dep.state.fl.us/pub/NPDES\\_Stormwater/](ftp://ftp.dep.state.fl.us/pub/NPDES_Stormwater/). After uploading files, email the MS4 coordinator or NPDES Program Administrator to notify them the report is ready for downloading; or by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

**Submit the form and attachments to:**  
 Florida Department of Environmental Protection  
 Mail Station 3585  
 2600 Blair Stone Road  
 Tallahassee, Florida 32399-2400

**SECTION I. BACKGROUND INFORMATION**

<b>A.</b>	Permittee Name: City of Belle Glade		
<b>B.</b>	Permit Name: Palm Beach County Municipal Separate Storm Sewer System		
<b>C.</b>	Permit Number: FLS000018-004 (Cycle 4)		
<b>D.</b>	Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input checked="" type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
<b>E.</b>	Reporting Time Period (month/year): October 1 / 2018 through September 30 / 2019		
<b>F.</b>	Name of the Responsible Authority: Lomax Harrelle		
	Title: City Manager		
	Mailing Address: Belle Glade Municipal Complex, 110 Dr. Martin Luther King, Jr. Blvd		
	City: Belle Glade	City: Belle Glade	City: Belle Glade
	Telephone Number: 561-996-0100		Telephone Number: 561-996-0100
	E-mail Address: lharrelle@belleglade-fl.com		
<b>G.</b>	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Johnny Gooden		
	Title: Director of Public Works		
	Department: Public Works		
	Mailing Address: 2050 West Canal Street South		
	City: Belle Glade	City: Belle Glade	City: Belle Glade
	Telephone Number: 561-992-2216		Telephone Number: 561-992-2216
E-mail Address: jgooden@belleglade-fl.com			

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

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



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

<b>A.</b>	<p>Provide a brief statement as to the status of water quality monitoring plan implementation. Status may include sampling frequency changes, monitoring location changes, or sampling waiver conditions. <i>DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.</i></p> <p>Name and date of the approved plan: Palm Beach County Joint Annual Report Status: The monitoring plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the monitoring information. The information relevant to the permittee's outfalls is addressed within the Water Quality Assessment Report documents, provided herewithin.</p>
<b>B.</b>	<p>Provide a brief discussion of the monitoring and loading results to date which includes a summary of the water quality monitoring data and / or stormwater pollutant loading changes from the reporting year. <i>DEP Note: Results must be specific to the permittee's SWMP.</i></p> <p>See attached Water Quality Assessment Report (based on our approved Pollutant Assessment Plan).</p>
<b>C.</b>	<p>Attach a monitoring data summary as required by the permit. An analysis of the data discussing changes in water quality and/or stormwater pollutant loading from previous reporting years. <i>DEP Note: Analysis must be specific to the permittee's SWMP.</i></p> <p>See our response to Section III. B. above.</p>

**SECTION IV. FISCAL ANALYSIS**

<b>A.</b>	Total expenditures for the NPDES stormwater management program for the current reporting year: \$511,988
<b>B.</b>	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$517,294
<b>C.</b>	<p>Did the current reporting year resources decrease from the previous year? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p>



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

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

Attached	N/A	Required Attachments	Permit Citation	Attachment Number/Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.	Part III.A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A list of the flood control projects that did not include stormwater treatment and an explanation for each of why it did not (if applicable).	Part III.A.4	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.	Part V.B.3	See Joint Annual Report and attached WQ Assessment Report
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.	Part III.A.1	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development.	Part III.A.2	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.	Part V.A	See Joint Annual Report and attached WQ Assessment Report
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from development.	Part III.A.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7.a	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. <ul style="list-style-type: none"> <li>• The monitoring plan (with revisions, if applicable).</li> <li>• If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.</li> </ul>	Part V.B.3 Part V.A.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: TMDL Supplemental SWMP (if applicable).	Part VIII.B.3	

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

**SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE**

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

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

Name of Responsible Authority (type or print): Lomax Harrelle

Title: City Manager

Signature:  Date: 8/17/2020



**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	<p><b>Structural Controls and Stormwater Collection Systems Operation</b></p> <p>Report the current known inventory.</p> <p>Report the number of inspection and maintenance activities conducted for each applicable type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained.</p> <p><i>Note: Delete structures that are not in your MS4's inventory. The permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.</i></p>				
	<p><b>Type of Structure</b></p>	<p>Number of Structures</p>	<p>Number of Inspections</p>	<p>Percent Inspected</p>	<p>Number of Maintenance Activities</p>
	<p><b>Dry retention systems</b></p>	<p>1</p>	<p>6</p>	<p>100%</p>	<p>6</p>
	<p><b>Wet detention systems</b></p>	<p>1</p>	<p>6</p>	<p>100%</p>	<p>6</p>
	<p><b>Major outfalls</b></p>	<p>6</p>	<p>12</p>	<p>100%</p>	<p>2</p>
	<p><b>Weirs or other control structures</b></p>	<p>1</p>	<p>6</p>	<p>100</p>	<p>6</p>
	<p><b>pipes / culverts (miles)</b></p>	<p>9</p>	<p>1</p>	<p>100%</p>	<p>0</p>
	<p><b>Inlets / catch basins / grates</b></p>	<p>200</p>	<p>1200</p>	<p>100%</p>	<p>98</p>
	<p><b>Ditches / conveyance swales (miles)</b></p>	<p>3.5</p>	<p>52</p>	<p>100%</p>	<p>52</p>
	<p>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 met and a description of the actions that will be taken to ensure that they will be met.</p>				
	<p>Public Works Weekly Operations Rpt.</p>	<p>100%</p>	<p>Public Works Weekly Operations Rpt.</p>	<p>Facilities Manager</p>	<p>Belle Glade Business Park</p>
	<p>Stormwater Maintenance Log</p>	<p>100%</p>	<p>Stormwater Maintenance Log</p>	<p>Facilities Manager</p>	<p>Belle Glade Business Park</p>
	<p>Stormwater Maintenance Log</p>	<p>100%</p>	<p>Stormwater Maintenance Log</p>	<p>Facilities Manager</p>	<p>Belle Glade Business Park</p>
	<p>Stormwater Maintenance Log</p>	<p>100%</p>	<p>Stormwater Maintenance Log</p>	<p>Facilities Manager</p>	<p>Belle Glade Business Park</p>
	<p>Public Works Weekly Operations Rpt</p>	<p>49%</p>	<p>Public Works Weekly Operations Rpt</p>	<p>Facilities Manager</p>	
	<p>Stormwater Maintenance Log</p>	<p>100%</p>	<p>Stormwater Maintenance Log</p>	<p>Facilities Manager</p>	





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Part III.A.1 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p><b>Strengths:</b> The program clearly outlines the required frequency of inspections and maintenance for all structural components along with required inspection and maintenance activities. Reporting of inspections and maintenance is required for inclusion in the annual report.</p> <p><b>Limitations:</b> No limitations in the program have been identified.</p> <p><b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.</p>																											
Part III.A.2	<p><b>Areas of New Development and Significant Redevelopment</b></p> <p>Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations.</p>	<table border="1"> <tr> <td data-bbox="548 688 570 909">Number of significant development projects reviewed</td> <td data-bbox="548 688 570 909">0</td> <td data-bbox="548 688 570 909">N/A</td> <td data-bbox="548 688 570 909">N/A</td> <td data-bbox="548 688 570 909">N/A</td> <td data-bbox="548 688 570 909">N/A</td> </tr> <tr> <td data-bbox="574 688 596 909">Number of significant development projects approved</td> <td data-bbox="574 688 596 909">0</td> <td data-bbox="574 688 596 909">N/A</td> <td data-bbox="574 688 596 909">N/A</td> <td data-bbox="574 688 596 909">N/A</td> <td data-bbox="574 688 596 909">N/A</td> </tr> </table> <p>Provide in the Year 2 Annual Report the summary report of the review activity. Provide in the Year 4 Annual Report the follow-up report on plan implementation.</p> <p><b>Year 2 ONLY: Attach the summary report of the review activity</b> <input type="checkbox"/></p> <p><b>Year 4 ONLY: Attach the follow-up report on plan implementation</b> <input type="checkbox"/></p>	Number of significant development projects reviewed	0	N/A	N/A	N/A	N/A	Number of significant development projects approved	0	N/A	N/A	N/A	N/A														
Number of significant development projects reviewed	0	N/A	N/A	N/A	N/A																							
Number of significant development projects approved	0	N/A	N/A	N/A	N/A																							
Part III.A.2 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p><b>Strengths:</b> Significant redevelopment is required to meet the City of Belle Glade's Code of Ordinances/Land Development Regulations which includes provisions for the implementation of BMP's and storm water quality treatment. When permits are issued, notification of the ERP and CGP permit requirements are also noted as a requirement of the permit conditions.</p> <p><b>Limitations:</b> No limitations in the program have been identified.</p> <p><b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.</p>																											
Part III.A.3	<p><b>Roadways</b></p> <p>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>Note: If the permittee does not contract activities, delete CONTRACTOR activities.</i></p> <p><b>PERMITTEE Litter Control: Frequency of litter collection</b></p> <table border="1"> <tr> <td data-bbox="719 688 740 909">4 days/week</td> <td data-bbox="719 688 740 909">City Weekly Reports</td> <td data-bbox="719 688 740 909">Stormwater Division</td> </tr> <tr> <td data-bbox="745 688 766 909">102</td> <td data-bbox="745 688 766 909">City Weekly Reports</td> <td data-bbox="745 688 766 909">Stormwater Division</td> </tr> <tr> <td data-bbox="771 688 792 909">1,820</td> <td data-bbox="771 688 792 909">City Weekly Reports</td> <td data-bbox="771 688 792 909">Stormwater Division</td> </tr> <tr> <td data-bbox="797 688 818 909">0</td> <td data-bbox="797 688 818 909">N/A</td> <td data-bbox="797 688 818 909">N/A</td> </tr> <tr> <td data-bbox="823 688 844 909">0</td> <td data-bbox="823 688 844 909">N/A</td> <td data-bbox="823 688 844 909">N/A</td> </tr> <tr> <td data-bbox="849 688 870 909">0</td> <td data-bbox="849 688 870 909">N/A</td> <td data-bbox="849 688 870 909">N/A</td> </tr> </table> <p><b>PERMITTEE Litter Control: Estimated amount of litter collected (miles)</b></p> <p><b>PERMITTEE Litter Control: Estimated amount of litter collected (cy)</b></p> <p><b>CONTRACTOR Litter Control: Frequency of litter collection</b></p> <p><b>CONTRACTOR Litter Control: Estimated amount of area maintained (lf)</b></p> <p><b>CONTRACTOR Litter Control: Estimated amount of litter collected (cy)</b></p> <p><b>OPTIONAL:</b> If an Adopt-A-Road or similar program is implemented, report the total number of road miles cleaned and an estimate of the quantity of litter collected. If you do not participate in an Adopt-A-Road program, report "0".</p> <p><b>Trash Pick-up Events: Total miles cleaned</b></p> <table border="1"> <tr> <td data-bbox="876 688 898 909">4</td> <td data-bbox="876 688 898 909">N/A</td> <td data-bbox="876 688 898 909">N/A</td> <td data-bbox="876 688 898 909">N/A</td> <td data-bbox="876 688 898 909">(SW 4<sup>th</sup> St. &amp; 5<sup>th</sup> St.)</td> </tr> </table>	4 days/week	City Weekly Reports	Stormwater Division	102	City Weekly Reports	Stormwater Division	1,820	City Weekly Reports	Stormwater Division	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	4	N/A	N/A	N/A	(SW 4 <sup>th</sup> St. & 5 <sup>th</sup> St.)				
4 days/week	City Weekly Reports	Stormwater Division																										
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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>Trash Pick-up Events: Estimated amount of litter collected (lbs)</p> <p>Adopt-A-Road: Total miles cleaned</p> <p>Adopt-A-Road: Estimated amount of litter collected (cy)</p>	<p>1,200</p> <p>N/A</p> <p>N/A</p>	<p>SWA Truck Tickets</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p>
	<p>Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F.</p>				
	<p><b>Frequency of street sweeping</b></p>	<p>4 days/week</p>	<p>City Street Sweeper Route Sheet</p>	<p>Stormwater Division</p>	
	<p><b>Total miles swept (miles/yr)</b></p>	<p>2140</p>	<p>City Street Sweeper Route Sheet</p>	<p>Stormwater Division</p>	
	<p><b>Estimated quantity of sweeping material collected (tons)</b></p>	<p>84</p>	<p>City Street Sweeper Route Sheet</p>	<p>Stormwater Division</p>	
	<p><b>Total phosphorous loadings removed (pounds)</b></p>	<p>61</p>	<p>FSA Spreadsheet</p>	<p>Stormwater Division</p>	
	<p><b>Total nitrogen loadings removed (pounds)</b></p>	<p>95</p>	<p>FSA Spreadsheet</p>	<p>Stormwater Division</p>	
	<p>Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.</p>	<p><b>Number of Inspections</b></p>	<p>Maintenance Shop Inspection Form</p>	<p>Public Works</p>	<p>Monthly</p>
	<p><b>Name of Facility</b></p>	<p>12</p>	<p>Maintenance Shop Inspection Form</p>	<p>Public Works</p>	<p>Monthly</p>
	<p>City's Municipal Maintenance Yard</p>				



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Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. <b>Strengths:</b> The City of Belle Glade implements a litter control program that includes roadway litter cleanup. <b>Limitations:</b> No limitations in the program have been identified. <b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.																												
Part III.A.4	<b>Flood Control Projects</b> 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.	<table border="1"> <tr> <td data-bbox="397 903 609 945"><b>Flood control projects completed during the reporting period</b></td> <td data-bbox="397 945 609 987">0</td> <td data-bbox="397 987 609 1029">N/A</td> <td data-bbox="397 1029 609 1071">N/A</td> <td data-bbox="397 1071 609 1113">N/A</td> <td data-bbox="397 1113 609 1155">N/A</td> </tr> <tr> <td data-bbox="397 903 609 945"><b>Flood control projects completed that did not include stormwater treatment</b></td> <td data-bbox="397 945 609 987">0</td> <td data-bbox="397 987 609 1029">N/A</td> <td data-bbox="397 1029 609 1071">N/A</td> <td data-bbox="397 1071 609 1113">N/A</td> <td data-bbox="397 1113 609 1155">N/A</td> </tr> <tr> <td data-bbox="397 903 609 945"><b>Stormwater retrofit projects planned/under construction</b></td> <td data-bbox="397 945 609 987">0</td> <td data-bbox="397 987 609 1029">N/A</td> <td data-bbox="397 1029 609 1071">N/A</td> <td data-bbox="397 1071 609 1113">N/A</td> <td data-bbox="397 1113 609 1155">N/A</td> </tr> <tr> <td data-bbox="397 903 609 945"><b>Stormwater retrofit projects completed</b></td> <td data-bbox="397 945 609 987">0</td> <td data-bbox="397 987 609 1029">N/A</td> <td data-bbox="397 1029 609 1071">N/A</td> <td data-bbox="397 1071 609 1113">N/A</td> <td data-bbox="397 1113 609 1155">N/A</td> </tr> </table>	<b>Flood control projects completed during the reporting period</b>	0	N/A	N/A	N/A	N/A	<b>Flood control projects completed that did not include stormwater treatment</b>	0	N/A	N/A	N/A	N/A	<b>Stormwater retrofit projects planned/under construction</b>	0	N/A	N/A	N/A	N/A	<b>Stormwater retrofit projects completed</b>	0	N/A	N/A	N/A	N/A			
<b>Flood control projects completed during the reporting period</b>	0	N/A	N/A	N/A	N/A																								
<b>Flood control projects completed that did not include stormwater treatment</b>	0	N/A	N/A	N/A	N/A																								
<b>Stormwater retrofit projects planned/under construction</b>	0	N/A	N/A	N/A	N/A																								
<b>Stormwater retrofit projects completed</b>	0	N/A	N/A	N/A	N/A																								
Part III.A.4 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. <b>Strengths:</b> When flood control projects are implemented, they are designed and constructed to meet the water quality requirements of the Environmental Resource Permitting rules of the South Florida Water Management District. <b>Limitations:</b> No limitations in the program have been identified. <b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.																												
Part III.A.5	<b>Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit</b> Report the applicable facilities and the number of the inspections conducted for each facility.	<table border="1"> <tr> <td data-bbox="836 903 1047 945"><b>Name of Facility</b></td> <td data-bbox="836 945 1047 987">N/A</td> <td data-bbox="836 987 1047 1029">N/A</td> <td data-bbox="836 1029 1047 1071">N/A</td> <td data-bbox="836 1071 1047 1113">N/A</td> <td data-bbox="836 1113 1047 1155">No TSD Facilities</td> </tr> </table>	<b>Name of Facility</b>	N/A	N/A	N/A	N/A	No TSD Facilities																					
<b>Name of Facility</b>	N/A	N/A	N/A	N/A	No TSD Facilities																								
Part III.A.5 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. <b>Strengths:</b> Not applicable. The City of Belle Glade does not have any TSD facilities. <b>Limitations:</b> Not applicable <b>SWMP revisions implemented to address limitations:</b> Not applicable																												
Part III.A.6	<b>Pesticides, Herbicides, and Fertilizer Application</b> Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed.																												



**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>Report the number of permittee personnel who have been trained through the Green Industry BMP Program and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.</p>				
	<p><b>PERSONNEL: FDACS public applicators of pesticides/herbicides</b></p>	1	License Folder	Willie B. McKinzie	Public Health Pest Control
	<p><b>CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides</b></p>	0	N/A	N/A	Contractors No
	<p><b>PERSONNEL: Green Industry BMP Program training completed</b></p>	0	N/A	N/A	N/A
	<p><b>CONTRACTORS: FDACS certified / licensed applicators of fertilizer</b></p>	0	N/A	N/A	N/A
	<p>Provide a copy of the adopted ordinance with the Year 2 Annual Report. If this provision is not applicable because the permittee is not within the watershed of a nutrient-impaired water body, indicate that in Column F.</p>				
	<p><b>Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance</b></p>	<input type="checkbox"/>	N/A	N/A	N/A
	<p>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, and the number of Web site visits (if applicable).</p>				
	<p><b>Public Education and Outreach Program</b></p>				<p>The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information.</p>
	<p><b>Brochures/Flyers/Fact sheets distributed</b></p>	250	<p>Crime Night Out - 50 brochures, City Hall - 50 brochures, Black Gold - 50 brochures, Afro Arts - 50 brochures Public Works - 50 brochures</p>	City of Belle Glade	All brochures were taken by customers
	<p><b>Neighborhood presentations: Number conducted</b></p>	0	N/A	N/A	N/A
	<p><b>Neighborhood presentations: Number of participants</b></p>	0	N/A	N/A	N/A
	<p><b>Newspapers &amp; newsletters: Number of articles/notices published</b></p>	0	N/A	N/A	N/A
	<p><b>Newsletters: Number of newsletters distributed</b></p>	0	N/A	N/A	N/A
	<p><b>Public displays (e.g., kiosks, storyboards, posters, etc.)</b></p>	0	N/A	N/A	N/A
	<p><b>Radio or television Public Service Announcements (PSAs)</b></p>	See Joint Annual Report	Joint Annual Report	PBC Permittees	Joint Annual Report
	<p><b>School presentations: Number conducted</b></p>	0	N/A	N/A	N/A
	<p><b>School presentations: Number of participants</b></p>	0	N/A	N/A	N/A
	<p><b>Seminars/Workshops: Number conducted</b></p>	0	N/A	N/A	N/A
	<p><b>Seminars/Workshops: Number of participants</b></p>	0	N/A	N/A	N/A
	<p><b>Special events: Number conducted</b></p>	See Joint Annual Report	Joint Annual Report	PBC Permittees	Joint Annual Report





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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>Special events: Number of participants</p> <p>Number of visitors to stormwater-related pages</p>	<p>Report</p> <p>See Joint Annual Report</p> <p>0</p>	<p>Report</p> <p>Joint Annual Report</p> <p>N/A</p>	<p>PBC Permittees</p> <p>N/A</p>	<p>Report</p> <p>Joint Annual Report</p>
Part III.A.6 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p><b>Strengths:</b> The program requires proper certification and licensing for all applicators used to apply pesticides or herbicides on applicant owned property. A public education and outreach program is in place and is carried out as a joint effort by the Palm Beach County Co-permittees.</p> <p><b>Limitations:</b> No limitations in the program have been identified.</p> <p><b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.</p>				
Part III.A.7.a	<p><b>Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures</b></p> <p>Report amendments in Year 4.</p>	<p><input type="checkbox"/></p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>
Part III.A.7.c	<p><b>Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal</b></p> <p>Report on the proactive inspection program, including the number of inspections conducted by the permittee, the number of illicit activities found, and the number and type of enforcement actions taken.</p>	<p>12</p> <p>0</p> <p>0</p>	<p>Stormwater Maintenance Log</p> <p>N/A</p> <p>N/A</p>	<p>Facilities Manager – Street Dept.</p> <p>N/A</p> <p>N/A</p>	<p>Performed in Conjunction with Swale Inspections/ Mowing</p>
	<p><b>Proactive inspections for suspected illicit discharges</b></p> <p><b>Illicit discharges found during a proactive inspection</b></p> <p><b>NOV/WL/citation/fines issued for illicit discharges found during proactive inspection</b></p> <p>Report on the reactive investigation program as it relates to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken.</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	
	<p><b>Reports of suspected illicit discharges received</b></p> <p><b>Reactive investigations of reports of suspected illicit discharges etc. Illicit discharges etc. found during reactive investigation</b></p> <p><b>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</b></p> <p>Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	
	<p><b>Personnel trained</b></p>	<p>1</p>	<p>Joint Training Attendance Logs</p>	<p>PB County Steering Committee</p>	<p>Karen Brandon</p>
	<p><b>Contractors trained</b></p>	<p>0</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>



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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.7.d	<p><b>Illicit Discharges and Improper Disposal — Spill Prevention and Response</b></p> <p>Report on the spill prevention and response activities, including the number of spills addressed.</p> <p><b>Hazardous and non-hazardous material spills responded to</b></p>	0	N/A	N/A	No Spills
	<p>Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.</p>				
	<p><b>Personnel trained</b></p>	1	Joint Training Attendance Logs	PB County Steering Committee	Karen Brandon
	<p><b>Contractors trained</b></p>	0	N/A	N/A	N/A
Part III.A.7.e	<p><b>Illicit Discharges and Improper Disposal — Public Reporting</b></p> <p>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, and the number of Web site visits (if applicable).</p>				
	<p><b>Public Education and Outreach Program</b></p>				
	<p><b>Brochures/Flyers/Fact sheets distributed</b></p>	250	Crime Night Out - 50 brochures, City Hall - 50 brochures, Black Gold - 50 brochures, Afro Arts - 50 brochures Public Works - 50 brochures	City of Belle Glade	All brochures were taken by customers
	<p><b>Neighborhood presentations: Number conducted</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>Neighborhood presentations: Number of participants</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>Newspapers &amp; newsletters: Number of articles/notices published</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>Newsletters: Number of newsletters distributed</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>Public displays (e.g., kiosks, storyboards, posters, etc.)</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>Radio or television Public Service Announcements (PSAs)</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<p><b>School presentations: Number conducted</b></p>	See comment above	See comment above	PBC Permittees	Joint Annual Report



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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	School presentations: Number of participants	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Seminars/Workshops: Number conducted	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Seminars/Workshops: Number of participants	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Special events: Number conducted	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Special events: Number of participants	See comment above	See comment above	PBC Permittees	Joint Annual Report
	Number of visitors to stormwater-related pages	See comment above	See comment above	PBC Permittees	Joint Annual Report
<b>Part III.A.7.f</b>	<b>Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control</b>				
	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, and the number of Web site visits (if applicable).				
	<b>Public Education and Outreach Program</b>				The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information.
	<b>Brochures/Flyers/Fact sheets distributed</b>	250	Crime Night Out - 50 brochures, City Hall - 50 brochures, Black Gold - 50 brochures, Afro Arts - 50 brochures Public Works - 50 brochures	City of Belle Glade	All brochures were taken by customers
	<b>Neighborhood presentations: Number conducted</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<b>Neighborhood presentations: Number of participants</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<b>Newspapers &amp; newsletters: Number of articles/notices published</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<b>Newsletters: Number of newsletters distributed</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<b>Public displays (e.g., kiosks, storyboards, posters, etc.)</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report
	<b>Radio or television Public Service Announcements (PSAs)</b>	See comment above	See comment above	PBC Permittees	Joint Annual Report



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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>School presentations: Number conducted</p> <p>School presentations: Number of participants</p> <p>Seminars/Workshops: Number conducted</p> <p>Seminars/Workshops: Number of participants</p> <p>Special events: Number conducted</p> <p>Special events: Number of participants</p> <p>Storm sewer inlets newly marked/replaced</p> <p>Number of visitors to stormwater-related pages</p>	<p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p>	<p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p> <p>See comment above</p>	<p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p> <p>PBC Permittees</p>	<p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p> <p>Joint Annual Report</p>
Part III.A.7.g	<p><b>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</b></p> <p>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. Report only the SSOs and inflow / infiltration incidents into the MS4.</p>				
	<p>Owner of the sanitary sewer system</p> <p>Activity to reduce/eliminate SSOs and I&amp;I: (description)</p> <p>Activity to reduce/eliminate SSOs and I&amp;I: (description)</p> <p>SSO incidents discovered</p> <p>SSO incidents resolved</p> <p>Inflow / infiltration incidents discovered</p> <p>Inflow / infiltration incidents resolved</p>	<p>0</p> <p>0</p> <p>0</p> <p>N/A</p> <p>0</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>Palm Beach County Water Utilities Department</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	
Part III.A.7 Summary	<p>For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p><b>Strengths:</b> The program includes proactive inspections for suspected illicit discharges as well as water quality sampling, if needed, to identify potential sources of illicit discharge.</p> <p><b>Limitations:</b> No limitations in the program have been identified.</p> <p><b>SWMP Revisions implemented to address limitations:</b> No revisions are proposed.</p>				
Part III.A.8.a	<p><b>Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections</b></p> <p>Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year.</p> <p>Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.</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
	<p><b>Type of Facility</b></p> <p>Operating municipal landfills</p> <p>Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities</p> <p>EPCRA Title III, Section 313 facilities (TRI)</p> <p>Facilities determined as high risk by the permittee</p>	<p>Number of Facilities</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>Number of Inspections</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>Enforcement Actions</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>There are no high risk facilities</p>
Part III.A.8.b	<p><b>Industrial and High-Risk Runoff — Monitoring for High Risk Industries</b></p> <p>Report the number of high risk facilities sampled.</p>				
Part III.A.8 Summary	<p>High risk facilities sampled</p> <p>0</p> <p>N/A</p> <p>N/A</p> <p>There are no high risk facilities within the TOH</p>				
Part III.A.9.a	<p><b>Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices</b></p> <p>Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.</p> <p><b>Strengths:</b> The program inventories high risk industry facilities and details required inspection and reporting guidelines.</p> <p><b>Limitations:</b> No limitations in the program have been identified.</p> <p><b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.</p>				
	<p>PERMITTEE SITES: Construction site plans reviewed</p> <p>PERMITTEE SITES: Construction site plans approved</p> <p>PRIVATE SITES: Construction site plans reviewed</p> <p>PRIVATE SITES: Construction site plans approved</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>No active permittee construction sites</p> <p>N/A</p> <p>No active private construction sites</p> <p>N/A</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
	Report the number of development permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.  Notified of ERP stormwater permit requirements Confirmed ERP coverage Notified of CGP stormwater permit requirements Confirmed CGP coverage	0 0 0 0	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
Part III.A.9.b	<b>Construction Site Runoff — Inspection and Enforcement</b>  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.				
	<b>PERMITTEE SITES: Active construction sites</b>  No active permittee construction sites  <b>PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&amp;S and waste control BMPs</b> PERMITTEE SITES: Percentage of active construction sites inspected PRIVATE SITES: Active construction sites  No active private construction sites  <b>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&amp;S and waste control BMPs</b> PRIVATE SITES: Percentage of active construction sites inspected Enforcement Action	0  0 0  0  0 N/A 0	N/A  N/A N/A  N/A  N/A N/A N/A	N/A  N/A N/A  N/A  N/A N/A N/A	No active permittee construction sites  N/A  N/A  N/A  No active private construction sites  N/A  N/A  N/A  N/A  N/A
Part III.A.9.c	<b>Construction Site Runoff — Site Operator Training</b>  Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training).				
	DEP Certification  Permittee construction site inspectors  Permittee construction site plan reviewers Permittee construction site operators	0  1  0 0	N/A  Joint Training Attendance Logs  N/A N/A	N/A  PB County Steering Committee  N/A N/A	N/A  Karen Brandon  N/A N/A



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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.9 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.  <b>Strengths:</b> The program requires regular inspection of both the City of Belle Glade and private construction projects with documentation of said inspections. When deficiencies in the construction site erosion control measures are noted follow up inspections are conducted to document compliance. <b>Limitations:</b> No limitations in the program have been identified. <b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.				

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

A.	Permit Citation/ SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY.
	N/A	No changes proposed
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)
	N/A	No changes proposed



**SECTION IX. TMDL Status Report**

YEAR 1 Provide a table summarizing the status of the TMDL process. Include a list of prioritized TMDLs and their monitoring and implementation schedule; and include the Identification number of the outfall prioritized for TMDL monitoring.

WBID Number	Segment/ Waterbody/ Basin	Pollutant of Concern	TMDL DEP / EPA	Percent Reduction (WLA)	Priority Rank	Priority Outfall	Monitoring Summary / BPCP Due Date	Supplemental SWMP Due Date
N/A			<input type="checkbox"/> / <input type="checkbox"/>		1		(Year 3 AR)	(Year 4 AR; N/A) if BPCP
			<input type="checkbox"/> / <input type="checkbox"/>					
			<input type="checkbox"/> / <input type="checkbox"/>					

YEAR 3 and annually thereafter, provide a summary of the estimated load reductions that have occurred for the pollutant(s) of concern being discharged from the MS4 to the TMDL water body during the reporting period and cumulatively since the date the Supplemental SWMP was implemented.

Year 3: Submit a Monitoring data summary or BPCP (if applicable).

Year 4: Submit a Supplemental SWMP (if applicable).

WBID Number	Pollutant of Concern	Monitoring Summary / BPCP Submitted	Supplemental SWMP Submitted	Projected load reductions OR Actual load reductions to date
N/A		(Year 3 AR)	(Year 4 AR; N/A if BPCP)	See Joint Annual Report and attached Assessment Report

Provide a brief statement as to the status of TMDL implementation according to Part VIII.B of the permit (e.g. status of monitoring to validate WLA):

See Joint Annual Report and attached Water Quality Assessment Report

# City of Belle Glade

## MS4 Permit No. FLS000018-004

### Water Quality Assessment Report

#### 2018-2019 – Year 3

#### Overview

The purpose of this assessment program is to provide information for the City of Belle Glade to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its Municipal Separate Storm Sewer System (MS4) to receiving water bodies. Although currently, there is no indication that the City has water quality issues, the objective of the Pollutant Loading Estimate Plan is to estimate Pollutant Loading from the MS4 contributing area based on land uses and Best Management practices (BMPs).

The City of Belle Glade consists primarily of residential land uses. Privately owned commercial properties are concentrated along State Road 80 and SR 715 which transect the City. These roadways are served by separate FDOT stormwater systems. The City's major NPDES outfalls serve primarily residential drainage areas and the Belle Glade Business Park and discharge is to South Florida Conservancy District Canals which discharge to the South Florida Water Management District's Hillsboro Canal. The City is surrounded on the east, west and south sides by agricultural lands.

#### Water Quality Monitoring

The City of Belle Glade is relying on the water quality data as collected by the Palm Beach County NPDES Co-Permittee Joint Water Quality Monitoring Program. A map of the Palm Beach County monitoring stations is attached for reference. The monitoring station is in the SFWMD Hillsboro Canal near the Main Street crossing and is designated 39.

With only two old (1999 and 2000) TN Annual Geometric Mean values at monitoring station 39, it is too early in the monitoring program to plot a good trendline graph. The 1999 and 2000 data is showing a downward trend. The TP is trending slightly upward at station 39, with only two years of 1999 and 2000 data plotted in the trend line. The Joint Report concluded the data was insufficient for a trend analysis.

The Chlorophyll-a Annual Geometric Mean at station 39 has only two years of recent data and is trending slightly upward. The Joint Report concluded the data was insufficient for a trend analysis.

#### Pollutant Loading Estimate

The Palm Beach County MS4 permittee group developed pollutant loading estimates during the 3<sup>rd</sup> year of this permit cycle, using the SIMPLE protocol. The group provided each permittee with pollutant loading estimates that reflect their respective MS4 area. The group's estimated pollutant loading results, based on land use and BMP's, was provided to each permittee for use in this assessment effort. The results are summarized in the table below and include a 6% reduction for public education as allowed by FDEP for non-structural BMPs. The Palm Beach County MS4 Group conducts public outreach programs



throughout the year. Additionally, the City performs daily street sweeping services, which resulted in 61 lbs of Total Phosphorus load and 95 lbs of Total Nitrogen load being removed.

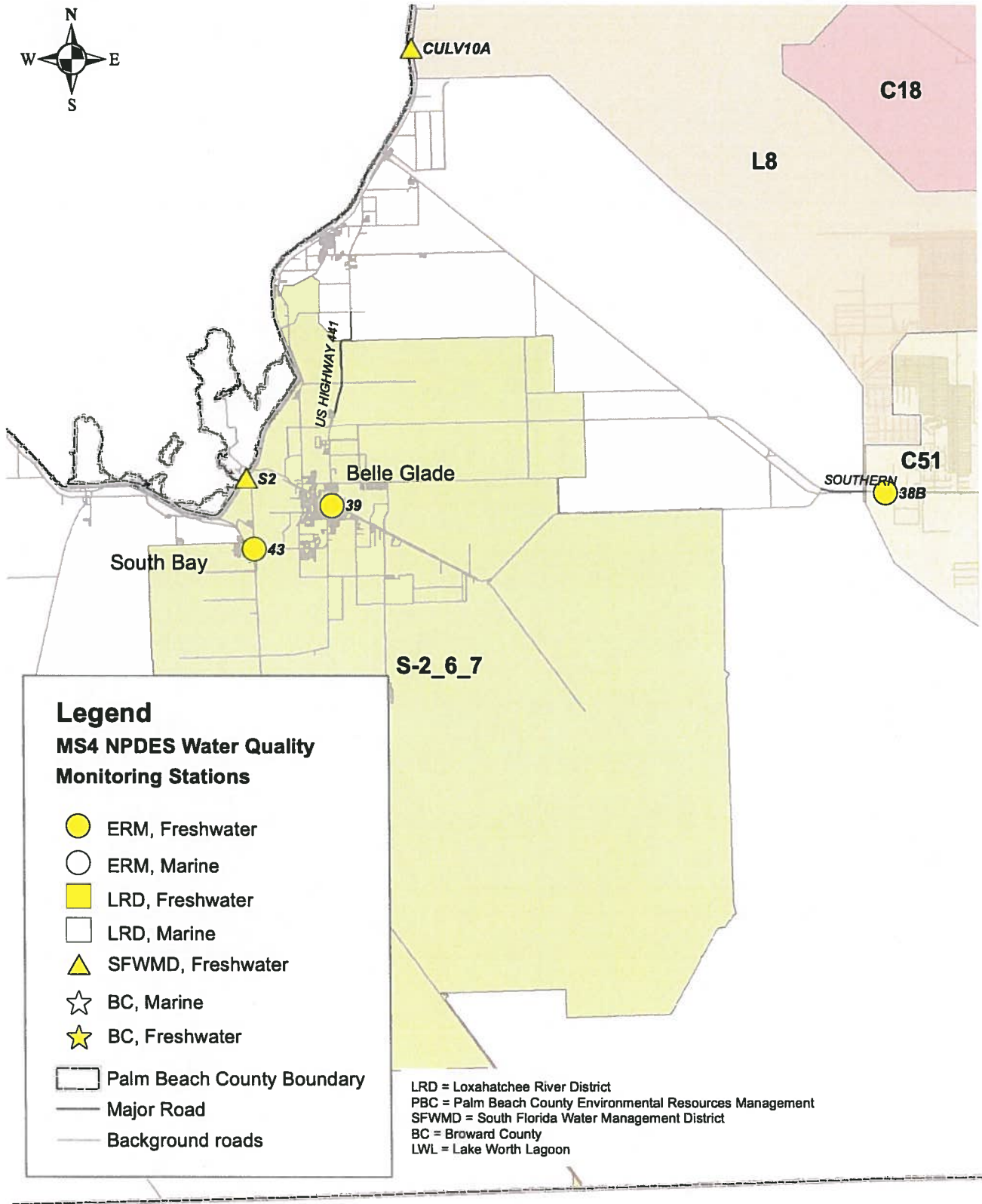
	City of Belle Glade Pollutant Loads (lbs/yr)					
	BOD <sub>5</sub>	TSS	TP	TN	Cu	Zn
2013	70,548	405,190	3,217	23,210	184	818
2018	70,582	405,452	3,218	23,219	184	818
After 6% Reduction	66,347	381,125	3,025	21,826	173	769
Less Street Sweeping			(-) 61	(-) 95		
Total Reduction	6%	6%	8%	9%	6%	6%

The pollutant loading estimates indicate decreases in pollutant loadings over the past two permit cycles, when reductions for public outreach and street sweeping are included. The City of Belle Glade’s estimated pollutant loads make up only 0.69% of the MS4 total load within Watershed S-2-6-7 and the combined MS4 area within Watershed S-2-6-7 represents only 1.69% of the total basin loads. Therefore, the majority of the pollutant loading appears to be from non-MS4, or agricultural sources (see group report).

#### Evaluation and Response Plan

The City of Belle Glade has utilized data based on the sample results compiled for the Joint Annual Report. This first annual Water Quality Assessment report was prepared concurrent with the Year 3 Annual Report Form (March 2020). The pollutant loading estimates developed during Year 3 of the permit cycle have been reviewed and compared with the previous permit cycle, with respect to our MS4. In addition, receiving water trending reports/graphs for various parameters, as presented in the Joint Annual Report were reviewed and summarized.

Based on the data from the water quality monitoring there is a slight increase in nutrients. However, the water quality data is very limited with only one annual Geometric Mean for TN and two Annual Geometric Means for TP and Chlorophyll-a. Additionally, the City makes up only 0.69% of the total watershed pollutant load. Most of the basin is made up of agricultural land uses. Based on the pollutant loading estimates, there is a decrease in nutrients. Therefore, based on the evaluation herein, it can be concluded that the City’s Stormwater Management Programs (litter control, street sweeping, public education, maintenance, construction inspections, etc.) are effective, and as a result, the City of Belle Glade is not proposing any areas of the MS4 that need further improvement in load reduction.



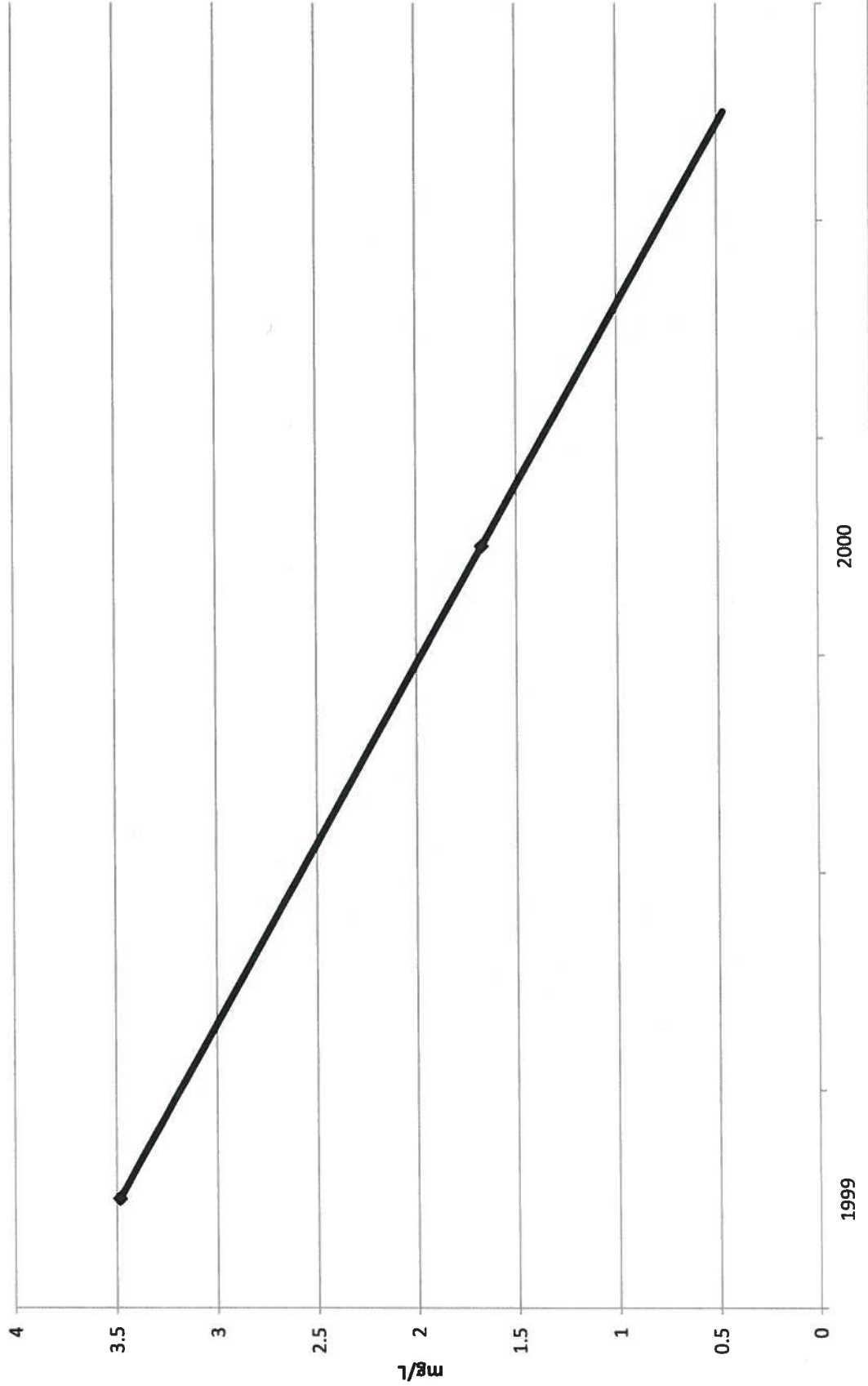
### Legend

#### MS4 NPDES Water Quality Monitoring Stations

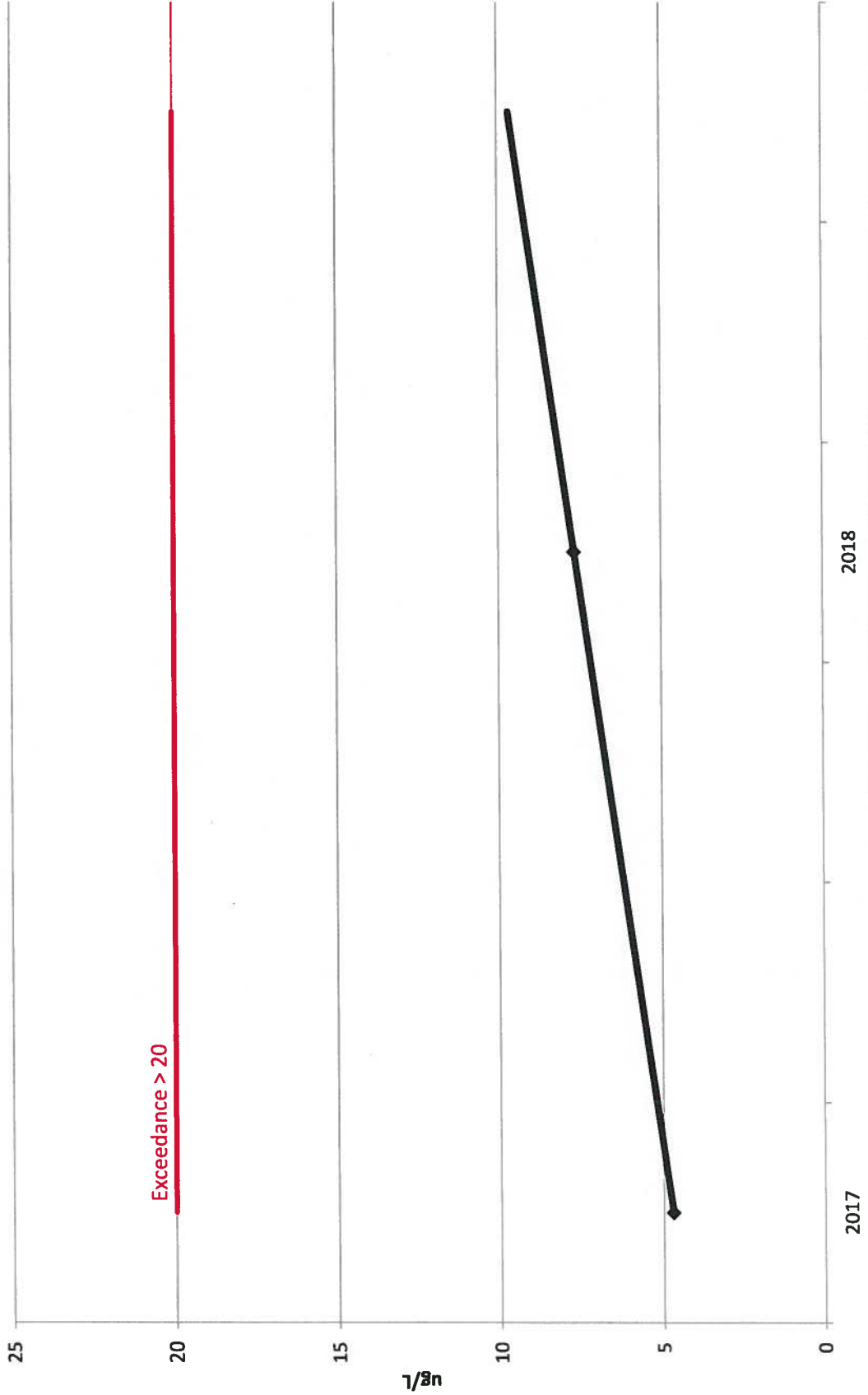
- ERM, Freshwater
- ERM, Marine
- LRD, Freshwater
- LRD, Marine
- SFWMD, Freshwater
- BC, Marine
- BC, Freshwater
- Palm Beach County Boundary
- Major Road
- Background roads

LRD = Loxahatchee River District  
 PBC = Palm Beach County Environmental Resources Management  
 SFWMD = South Florida Water Management District  
 BC = Broward County  
 LWL = Lake Worth Lagoon

**Figure 5-2**  
**Total Nitrogen**  
**S-2-6-7**



**Figure 5-4**  
**Chlorophyll-A**  
**S-2-6-7**



**Figure 5-3**  
**Total Phosphorus**  
**S-2-6-7**

