



# 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 MS4		
<b>C.</b>	Permit Number: FLS000018-004		
<b>D.</b>	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:		
<b>E.</b>	Reporting Time Period (month/year): October 1 / 2019 through September 30 / 2020		
<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	Zip Code: 33430	County: Palm Beach
	Telephone Number: 561-996-0100		Fax Number: 561-992-2221
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: Public Works Director		
	Department: Public Works		
	Mailing Address: 2050 West Canal Street South		
	City: Belle Glade	Zip: 33430	County: Palm Beach
	Telephone Number: 561-992-2216		Fax Number: N/A
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: PBC 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.</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>Please see the attached Palm Beach County Joint Annual Report.</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>Please see the attached Palm Beach County Joint Annual Report.</p>

**SECTION IV. FISCAL ANALYSIS**

<b>A.</b>	Total expenditures for the NPDES stormwater management program for the current reporting year: \$493,930
<b>B.</b>	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$635,735
<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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.	Part V.A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
<input checked="" type="checkbox"/>	<input 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	See Attachment 1
<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	No Amendments to legal authority
<input checked="" type="checkbox"/>	<input 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	See Joint Annual Report and attached Assessment Report
<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: 2/3/12

**SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE**

A.	B.					C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity					Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<b>Part III.A.1</b>	<b>Structural Controls and Stormwater Collection Systems Operation</b>								
	<p>Report the current known inventory.</p> <p>Report the number of inspection and maintenance activities conducted for each applicable type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained.</p> <p><i>Note: Delete structures that are not in your MS4's inventory. The permittee may choose its own unit of measurement 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>								
	<b>Type of Structure</b>	<b>Number of Structures</b>	<b>Number of Inspections</b>	<b>Percent Inspected</b>	<b>Number of Maintenance Activities</b>	<b>Percent Maintained</b>			
	<b>Dry detention systems</b>	1	52	100%	0	100%	Public Works Weekly Operations Report	Facilities Manager	Belle Glade Business Park
	<b>Wet detention systems</b>	1	52	100%	0	100%	Public Works Weekly Operations Report	Facilities Manager	Belle Glade Business Park
	<b>Major stormwater outfalls</b>	6	12	100%	0	100%	Public Works Weekly Operations Report	Facilities Manager	Monthly
	<b>Weirs or other control structures</b>	1	12	100%	0	100%	Public Works Weekly Operations Report	Facilities Manager	Monthly
	<b>pipes / culverts (miles)</b>	9	1	100%	0	100%	Public Works Weekly Operations Report	Facilities Manager	Annually
	<b>Inlets / catch basins / grates</b>	200	1200	100%	44	100%	Public Works Weekly Operations Report	Facilities Manager	Bi-monthly
	<b>Ditches / conveyance swales (miles)</b>	3.5	52	100%	52	100%	Public Works Weekly Operations Report	Facilities Manager	Weekly Mowing

<b>SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE</b>					
<b>A.</b>	<b>B.</b>	<b>C.</b>	<b>D.</b>	<b>E.</b>	<b>F.</b>
<b>Permit Citation/ SWMP Element</b>	<b>Permit Requirement/Quantifiable SWMP Activity</b>	<b>Number of Activities Performed</b>	<b>Documentation / Record</b>	<b>Entity Performing the Activity</b>	<b>Comments</b>
	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.	<input type="checkbox"/>			

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<b>Part III.A.1 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> 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.				
	<b>Limitations:</b> No limitations in the program have been identified.				
	<b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.				
<b>Part III.A.2</b>	<b>Areas of New Development and Significant Redevelopment</b>				
	Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations.				
	<b>Number of significant development projects reviewed</b>	0	Development Review log	PZ&B Dept	
	<b>Number of significant development projects approved</b>	0	Development Review log	PZ&B Dept	
	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.				
	<b>Year 2 ONLY: Attach the summary report of the review activity</b>	<input type="checkbox"/>			
<b>Year 4 ONLY: Attach the follow-up report on plan implementation</b>	<input checked="" type="checkbox"/>			See Attachment 1	
<b>Part III.A.2 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> see comments above.				
	<b>Limitations:</b> No limitations in the program have been identified.				
	<b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.				
<b>Part III.A.3</b>	<b>Roadways</b>				
	Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected. <i>Note: If the permittee does not contract activities, delete CONTRACTOR activities.</i>				
	<b>PERMITTEE Litter Control: Frequency of litter collection</b>	4 days/week	City of Belle Glade Weekly Reports	Stormwater Division	
	<b>PERMITTEE Litter Control: Estimated amount of area maintained (lf)</b>	102 miles	City of Belle Glade Weekly Reports	Stormwater Division	Dumpsters
	<b>PERMITTEE Litter Control: Estimated amount of litter collected (cy)</b>	1,820 CY	City of Belle Glade Weekly Reports	Stormwater Division	Dumpsters
	<b>CONTRACTOR Litter Control: Frequency of litter collection</b>	0	0	Stormwater Division	No Contractor Litter Control Program
	<b>CONTRACTOR Litter Control: Estimated amount of area maintained (lf)</b>	0	0	Stormwater Division	No Contractor Litter Control Program

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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
	<b>CONTRACTOR Litter Control: Estimated amount of litter collected (cy)</b>	0	0	Stormwater Division	No Contractor Litter Control Program
	OPTIONAL: If an Adopt-A-Road or similar program is implemented, report the total number of road miles cleaned and an estimate of the quantity of litter collected. If you do not participate in an Adopt-A-Road program, report "0".				
	<b>Trash Pick-up Events: Total miles cleaned</b>	0	Trash Pickup record	Public Works	No Trash Pickup events
	<b>Trash Pick-up Events: Estimated amount of litter collected (cy)</b>	0	Trash Pickup record	Public Works	No Trash Pickup events
	<b>Adopt-A-Road: Total miles cleaned</b>	0	0	Public Works	
	<b>Adopt-A-Road: Estimated amount of litter collected (cy)</b>	0	0	Public Works	
	Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F.				
	<b>Frequency of street sweeping</b>	4 days/week	City of Belle Glade Street Sweeper Route Sheet	Stormwater Division	
	<b>Total miles swept</b>	2140	City of Belle Glade Street Sweeper Route Sheet	Stormwater Division	
	<b>Estimated quantity of sweeping material collected (tons)</b>	72	City of Belle Glade Street Sweeper Route Sheet	Stormwater Division	Solid Waste Authority weight tickets
	<b>Total phosphorous loadings removed (pounds)</b>	52	FSA Spreadsheet	Stormwater Division	
	<b>Total nitrogen loadings removed (pounds)</b>	81	FSA Spreadsheet	Stormwater Division	
	Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.				
	<b>Name of Facility</b>	<b>Number of Inspections</b>			
	City's Municipal Maintenance Yard	12	Municipal Maintenance Yard Inspection Checklist	Public Works	Monthly

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<b>Part III.A.3 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> 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.				
<b>Part III.A.4</b>	<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.				
	<b>Flood control projects completed during the reporting period</b>	0	Inspection Rpts	Public Works	There were no flood control projects constructed.
	<b>Flood control projects completed that did <u>not</u> include stormwater treatment</b>	0	Inspection Rpts	Public Works	N/A
	<b>Stormwater retrofit projects planned/under construction</b>	0	Plans/ Inspection Rpts	Public Works	N/A
	<b>Stormwater retrofit projects completed</b>	0	Inspection Rpts	Public Works	N/A
	If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.				
<b>Part III.A.4 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> 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.				



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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<b>Part III.A.5</b>	<b>Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit</b>				
	Report the applicable facilities and the number of the inspections conducted for each facility.				
	<b>Name of Facility</b>	<b>Number of Inspections</b>			
	<b>0 – No TSD Facilities</b>	0	SOP	Public Works	No TSD Facilities
<b>Part III.A.5 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> 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				
<b>Part III.A.6</b>	<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.				
	Report the number of permittee personnel who have been trained through the Green Industry BMP Program and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.				
	<b>PERSONNEL: FDACS public applicators of pesticides/herbicides</b>	1	License Folder	Willie B. McKinzie	Public Health Pest Control
	<b>CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides</b>	0			Performed by City staff
	<b>PERSONNEL: Green Industry BMP Program training completed</b>	0	SOP	Public Works	
	<b>CONTRACTORS: FDACS certified / licensed applicators of fertilizer</b>	0	0		No fertilizer applied
	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.				
	<b>Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance</b>	<input type="checkbox"/>	N/A	N/A	N/A
	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).				
	<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>	100	Crime Night Out and City Hall	City of Belle Glade	Impacted by COVID-19

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<b>Part III.A.6 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> 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.				
	<b>Limitations:</b> No limitations in the program have been identified.				
	<b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.				
<b>Part III.A.7.a</b>	<b>Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures</b>				
	Report amendments in Year 4.				
	<b>Year 4 ONLY: Attach a report on amendments to applicable legal authority</b>	<input checked="" type="checkbox"/>	Meeting Minutes	City Commission	No amendments to Legal Authority
<b>Part III.A.7.c</b>	<b>Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal</b>				
	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.				
	<b>Proactive inspections for suspected illicit discharges</b>	52	Stormwater Maintenance Log	Facilities Manager – Street Dept.	Performed in Conjunction with weekly Swale Inspections/ Mowing
	<b>Illicit discharges found during a proactive inspection</b>	0	Stormwater Maintenance Log	Facilities Manager – Street Dept	
	<b>NOV/WL/citation/fines issued for illicit discharges found during proactive inspection</b>	0	Code Enforcement Log	Code Enforcement	
	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.				
	<b>Reports of suspected illicit discharges received</b>	0	Phone Log	Public Works	
	<b>Reactive investigations of reports of suspected illicit discharges etc.</b>	0	Code Enforcement Log	Code Enforcement	
	<b>Illicit discharges etc. found during reactive investigation</b>	0	Code Enforcement Log	Code Enforcement	
	<b>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</b>	0	Code Enforcement Log	Code Enforcement	
	Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.				
	<b>Personnel trained</b>	1	Joint Training	PB County	Karen Brandon

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			Attendance Logs	Steering Committee	
	<b>Contractors trained</b>	0	Joint Training Attendance Logs	PB County Steering Committee	
<b>Part III.A.7.d</b>	<b>Illicit Discharges and Improper Disposal — Spill Prevention and Response</b>				
	Report on the spill prevention and response activities, including the number of spills addressed.				
	<b>Hazardous and non-hazardous material spills responded to</b>	0	Incident Rpt	Fire Dept	No Spills
	Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.				
	<b>Personnel trained</b>	1	Joint Training Attendance Logs	PB County Steering Committee	Karen Brandon
	<b>Contractors trained</b>	0	Joint Training Attendance Logs	PB County Steering Committee	
<b>Part III.A.7.e</b>	<b>Illicit Discharges and Improper Disposal — Public Reporting</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 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).				
	<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>	25	City Hall 25 Brochures	City of Belle Glade	All brochures were taken by customers
	<b>Number of visitors to stormwater-related pages</b>	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.			

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<b>Part III.A.7.g</b>	<b>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</b>						
	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.						
	<b>Owner of the sanitary sewer system</b>			Palm Beach County Water Utilities Department			
	<b>Activity to reduce/eliminate SSOs and I&amp;I: (description)</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
	<b>Activity to reduce/eliminate SSOs and I&amp;I: (description)</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
	<b>SSO incidents discovered</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
	<b>SSO incidents resolved</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
	<b>Inflow / infiltration incidents discovered</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
	<b>Inflow / infiltration incidents resolved</b>			0	Copy of email to PBCWUD	PBCWUD	Emailed PBCWUD to request
<b>Part III.A.7 Summary</b>	For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.						
	<b>Strengths:</b> The program includes proactive inspections for suspected illicit discharges as well as water quality sampling, if needed, to identify potential sources of illicit discharge.						
	<b>Limitations:</b> No limitations in the program have been identified.						
	<b>SWMP Revisions implemented to address limitations:</b> No revisions are proposed.						
<b>Part III.A.8.a</b>	<b>Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections</b>						
	Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.						
	<b>Type of Facility</b>	<b>Number of Facilities</b>	<b>Number of Inspections</b>	<b>Enforcement Actions</b>			
	<b>Operating municipal landfills</b>	0	0	0	FDEP Website	NPDES Engr.	None

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	EPA Website	NPDES Engr.	
	EPCRA Title III, Section 313 facilities (TRI)	0	EPA website	NPDES Engr.	
	Facilities determined as high risk by the permittee	0	High Risk Log	Code Enforcement	
<b>Part III.A.8.b</b>	<b>Industrial and High-Risk Runoff — Monitoring for High Risk Industries</b>				
	Report the number of high risk facilities sampled.				
	<b>High risk facilities sampled</b>	0	SOP	City staff	
<b>Part III.A.8 Summary</b>	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<b>Strengths:</b> The program inventories high risk industry facilities and details required inspection and reporting guidelines.				
	<b>Limitations:</b> No limitations in the program have been identified.				
	<b>SWMP revisions implemented to address limitations:</b> No revisions are proposed.				
<b>Part III.A.9.a</b>	<b>Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices</b>				
	Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.				
	<b>PERMITTEE SITES: Construction site plans reviewed</b>	0	Site Plan Review Log	PZ&B	No new construction site plans were submitted for review.
	<b>PERMITTEE SITES: Construction site plans approved</b>	0	Site Plan Review Log	PZ&B	N/A
	<b>PRIVATE SITES: Construction site plans reviewed</b>	3	Site Plan Review Log	PZ&B	K&M Plaza, Amelia Estates and FinFrock (demo).
	<b>PRIVATE SITES: Construction site plans approved</b>	3	Site Plan Review Log	PZ&B	
	<b>Notified of ERP stormwater permit requirements</b>	0	Site Plan Review Log	PZ&B	0
	<b>Confirmed ERP coverage</b>	0	Site Plan Review Log	PZ&B	0
	<b>Notified of CGP stormwater permit requirements</b>	0	Site Plan Review Log	PZ&B	0
	<b>Confirmed CGP coverage</b>	0	Site Plan Review Log	PZ&B	0

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE						
A.	B.		C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
<b>Part III.A.9.b</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>		0	Inspection Rpt	Public Works	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>		0	Inspection Rpt	Public Works	
	<b>PERMITTEE SITES: Percentage of active construction sites inspected</b>		0	Inspection Rpt	Public Works	
	<b>PRIVATE SITES: Active construction sites</b>		2	Inspection Rpt	Public Works	
	<b>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&amp;S and waste control BMPs</b>		2	Inspection Rpt	PZ&B	
	<b>PRIVATE SITES: Percentage of active construction sites inspected</b>		100%	Inspection Rpt	PZ&B	
	<b>Enforcement Action</b>		0		Code Enforcement	
<b>Part III.A.9.c</b>	<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).					
		<b>DEP Certification</b>	<b>Annual Training</b>			
	<b>Permittee construction site inspectors</b>	0	1	Joint Training Attendance Logs	PB County Steering Committee	Karen Brandon
	<b>Permittee construction site plan reviewers</b>		0	Joint Training Attendance Logs	PB County Steering Committee	
	<b>Permittee construction site operators</b>		0	Joint Training Attendance Logs	PB County Steering Committee	
<b>Part III.A.9 Summary</b>	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)**

<b>A.</b>	<b>Permit Citation/ SWMP Element</b>	<b>Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY.</b>
	N/A	No changes proposed
<b>B.</b>	<b>Permit Citation/ SWMP Element</b>	<b>Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change)</b>
	N/A	No changes proposed

**SECTION IX. TMDL Status Report**

<b>A.</b>	YEAR 1 Provide a table summarizing the status of the TMDL process. Include a list of prioritized TMDLs and their monitoring and implementation schedule; and include the Identification number of the outfall prioritized for TMDL monitoring.								
	WBID Number	Segment/ Waterbody/ Basin	Pollutant of Concern	TMDL DEP / EPA	Percent Reduction (WLA)	Priority Rank	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"/>					
<b>B.</b>	YEAR 3 and annually thereafter, provide a summary of the estimated load reductions that have occurred for the pollutant(s) of concern being discharged from the MS4 to the TMDL water body during the reporting period and cumulatively since the date the Supplemental SWMP was implemented.  Year 3: Submit a Monitoring data summary or BPCP (if applicable). Year 4: Submit a Supplemental SWMP (if applicable).								
	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				
<b>C.</b>	Provide a brief statement as to the status of TMDL implementation according to Part VIII.B of the permit (e.g. status of monitoring to validate WLA):  See Joint Annual Report and attached Assessment Report								



## **Attachment 1**

### **City of Belle Glade NPDES Year 4 Report on Changes to Codes and Regulations**

For the report year 2019-2020, there were no changes to codes and regulations to reduce the stormwater impact from development within the City of Belle Glade. This was confirmed through the Planning, Zoning and Building Department.

# City of Belle Glade

## MS4 Permit No. FLS000018-004

### Water Quality Assessment Report

#### 2019-2020 – Year 4

#### 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.

Based on the trendline graph for the period between 2014 and 2020, the TN Annual Geometric Mean values at monitoring station 39 is trending downward; however, it is important to note, there are several years missing data.

Based on the trendline graph for the period between 2000 and 2020, the TP Annual Geometric Mean values at monitoring station 39 is trending downward.

There is no available data for the Chlorophyll-a at station 39 to perform trend analysis.

Table 5-11 from the Palm Beach County Joint Annual Report that summarizes the water quality trends for the Hillsboro Watershed is attached for reference.

#### 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 52 lbs of Total Phosphorus load and 81 lbs of Total Nitrogen load being removed.

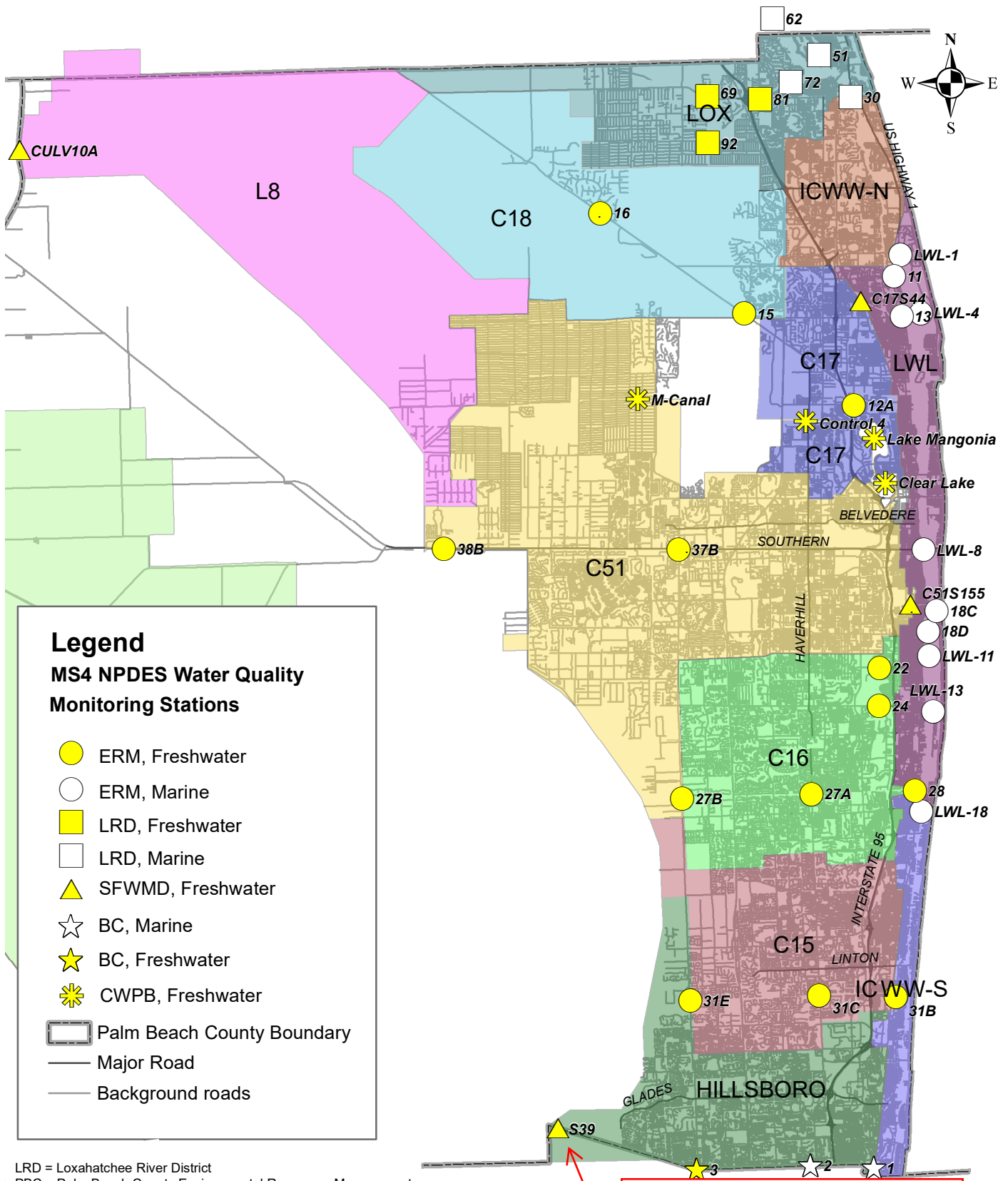
	City of Belle Glade Pollutant Loads (lbs/yr)					
	BOD <sub>5</sub>	TSS	TP	TN	Cu	Zn
2013	70,548	405,190	3,217	23,210	184	818
2018	70,582	405,452	3,218	23,219	184	818
After 6% Reduction	66,347	381,125	3,025	21,826	173	769
Less Street Sweeping			(-) 52	(-) 81		
Total Reduction	6%	6%	8%	6%	6%	6%

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. The 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 4 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 decreasing trend in TN and TP nutrients. However, the water quality data is very limited and there is no data for Chlorophyll-a to perform a trend analysis. 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
- ✱ CWPB, 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  
 CWPB = City of West Palm Beach

Palm Beach County (Eastern Area) Watershed Boundaries and Water Quality Monitoring Stations Figure 5-1

**Table 5-11**  
**Water Quality Trends**  
**Hillsboro Watershed**

(Page 11 of 14)

**Total Nitrogen**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
1	2006 - 2020	-0.109239	-0.000033	0.313485	Decreasing Trend
2	2006 - 2020	-0.115492	-0.000020	0.280912	Decreasing Trend
3	2006 - 2020	-0.155735	-0.000027	0.156750	Decreasing Trend
S39	2000 - 2020	-0.153852	-0.000011	0.219738	Decreasing Trend

**Total Phosphorus**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
1	2006 - 2020	-0.052782	-0.000002	0.650742	Decreasing Trend
2	2006 - 2020	-0.103586	-0.000004	0.383131	Decreasing Trend
3	2006 - 2020	-0.098727	-0.000004	0.405841	Decreasing Trend
S39	2000 - 2020	-0.390696	-0.000003	< 0.0001	Significant Decreasing Trend

**Total Chlorophyll-a (corrected)**

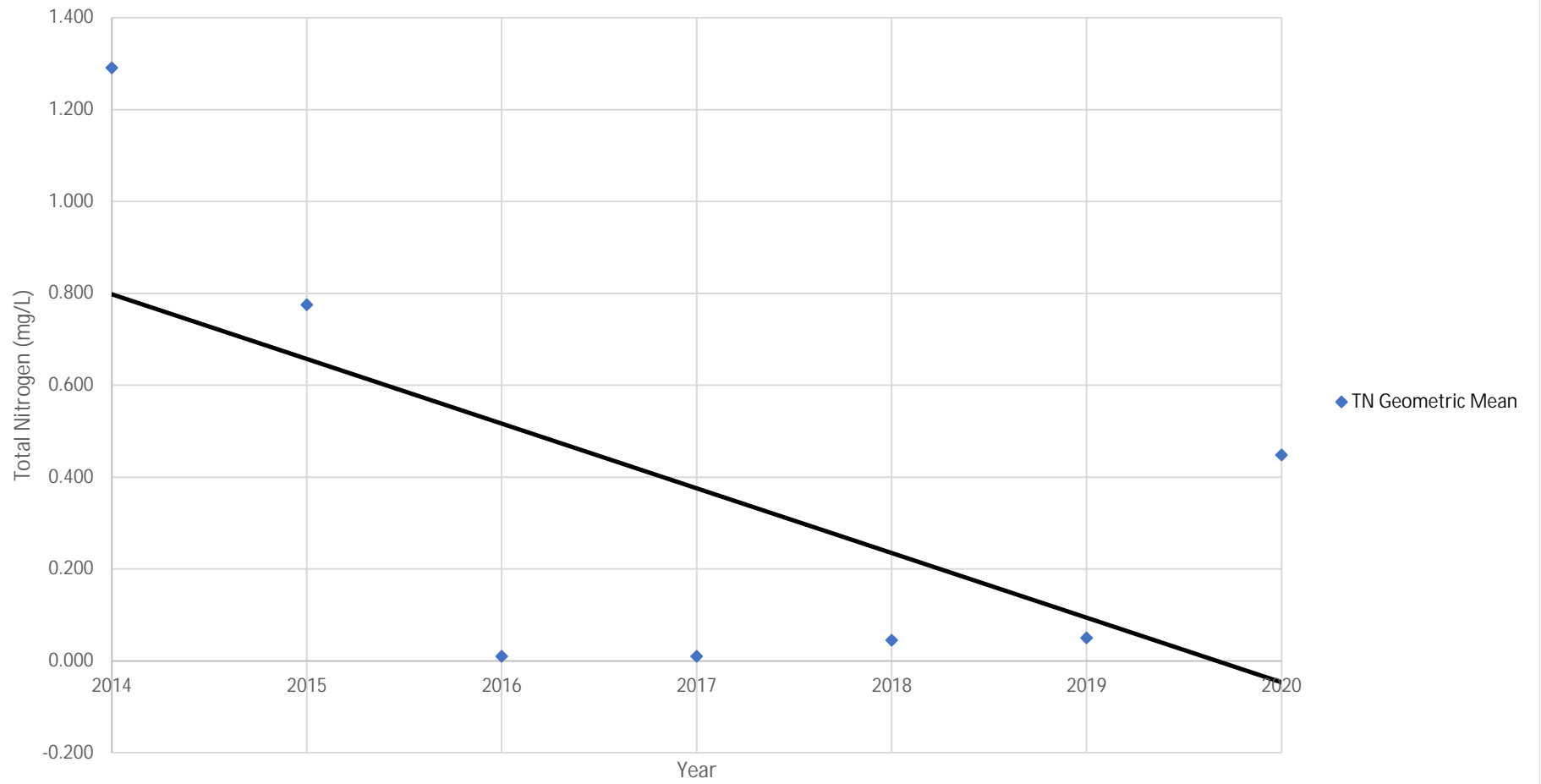
Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
1	2006 - 2020	-0.091966	-0.000316	0.378615	Decreasing Trend
2	2006 - 2020	-0.320126	-0.001834	0.000947	Significant Decreasing Trend
3	2006 - 2020	-0.255719	-0.001915	0.009054	Significant Decreasing Trend
S39	No Data	No Data	No Data	No Data	

<sup>1</sup> Even if the p-value is determined to be statistically significant, the result may not be ecologically significant. For example, if a trend is statistically significantly declining (negative trend) and the concentration is low in the water, then it may not be realistic to assume that an improvement in water quality by reductions in TN or TP may positively impact the ecological system in a measurable way. A negative slope is an indication of a decreasing trend, while a positive slope is an indication of an increasing trend.

<sup>2</sup> Results contain serial correlation (as per autocorrelation analysis results) used the p-value adjusted for serial correlation.

<sup>3</sup> If the p-value is less than 0.05, then a decreasing trend may suggest an improvement in water quality, and an increasing trend may suggest a decline in water quality.

S39 Nitrogen, Total  
(Annual Geometric Mean)



S39 Phosphorus, Total  
(Annual Geometric Mean)

