



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/. 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

A.	Permittee Name: City of Lake Worth		
B.	Permit Name: Palm Beach County MS4		
C.	Permit Number: FLS000018-004		
D.	Annual Report Year <input checked="" type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
E.	Reporting Time Period (month/year): October / 2016 through September 2017		
F.	Name of the Responsible Authority: Brian Shields		
	Title: Water Utilities Director		
	Mailing Address: 301 College Street		
	City: Lake Worth	Zip Code: 33460	County: Palm Beach
	Telephone Number: 561-586-1675		Fax Number: 561-533-7389
	E-mail Address: bshields@lakeworth.org		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Judy Love		
	Title: Water Sewer Storm Field Manager		
	Department: Water Utilities		
	Mailing Address: 301 College Street		
	City: Lake Worth	Zip Code: 33460	County: Palm Beach
	Telephone Number: 561-586-1719		Fax Number:
E-mail Address: jlove@lakeworth.org			

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

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

SECTION III. PART V.B. ASSESSMENT PROGRAM

A.	<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: Current approved plan for the Group Monitoring Plan is September 8th, 2016 with issuance of the Cycle 4 permit. Our newly-developed, individual Assessment Plan was submitted on 9/8/17</p> <p>Status: The group Monitoring Report is included in the Cycle 4, Year 1 Joint Annual Report. The newly-developed, individual Assessment Plan is awaiting approval by FDEP.</p> <p>The assessment program submitted in May 2017 is to provide information for the City of Lake Worth To determine the overall effectiveness of the City's Storm water Management Program (STWP) in reducing storm water pollutant loadings from MS4</p>
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><i>Please refer to the Cycle 4, Year 1 Joint Annual Report for a summary of the Group's water quality monitoring results for the reporting period. Refer to the Cycle 3, Year 6 Joint Annual Report for proposed pollutant loading analysis changes. The best available information on existing pollutant loading estimates is documented in the Cycle 3, Year 3 Joint Annual Report.</i></p> <p>The Palm Beach County MS4 permittee group will be developing pollutant loading estimates using the SIMPLE protocol.</p>
C.	<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. Information on the group water quality sampling parameter and frequency for C17S44 is included in the groups joint annual report</i></p> <p><i>See response for Section III.B., above.</i></p>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$1,812,145
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$1,580,658
C.	<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> <p>Program is fully funded.</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	Refer to joint report
<input checked="" type="checkbox"/>	<input 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	Lake Worth Major Outfall Map
<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 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"> The monitoring plan (with revisions, if applicable). If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate. 	Part V.B.3 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): Brian Shields

Title: Water Utilities Director

Signature: 

Date: 3 / 7 / 18

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.				
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments				
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation								
Report the current known inventory.									
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.									
<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>									
	Type of Structure	Number of Structures	Number of Inspections	Percent Inspected	Number of Maintenance Activities	Percent Maintained			
	Dry retention systems	4	12	100	12	100%	Storm Water reports	Storm Water Division	Monthly Street /quarterly maintenance
	Exfiltration trench / French drains (lf) Grass treatment swales (miles)	762ft .68	4 12	100% 100%	4 12	100% 100%	12 Monthly Reports Grounds Division	100% Grounds Division	
	Wet detention systems	1	12	100%	4	100%	Stormwater Div. reports	Stormwater Div.	Monthly inspections/q uarterly maintenance
	Pollution control boxes	5	12	100%	12	100%	Control Inspection log	Stormwater Div.	Monthly inspections/q uarterly maintenance
	Major outfalls	46	46	100%	4	100%	Outfall Inspections log	Stormwater Div.	Inspected once annually and
	Weirs or other control structures	1	12	100%	12	100%	Inspection log	Stormwater Div.	Control structure

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed			Documentation / Record	Entity Performing the Activity	Comments
	pipes / culverts (miles)	22.1	2	25%			operating properly
	Inlets / catch basins / grates	1934	1	50%	25%	Storm water Div.	Clean as needed
	Ditches / conveyance swales (miles)	1	12	100%	25%	Stormwater Div.	Mowed and cleaned monthly
	<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 and a description of the actions that will be taken to ensure that they will be met.</p>	<input type="checkbox"/>			Inspection log	Stormwater Div.	All met

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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>Strengths: All stormwater management assets are inventoried in a GIS data based and updated as new information is available. Active storm crew</p> <p>Limitations: Limited stormwater staff to annually inspect the entire stormwater collection system</p> <p>SWMP revisions implemented to address limitations: Thoroughly document the past inspections on the collection system to avoid overlap</p>																													
Part III.A.2	<p>Areas of New Development and Significant Redevelopment</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" data-bbox="511 661 625 903"> <tr> <td>Number of significant development projects reviewed</td> <td>1</td> <td>Site Plan Review</td> <td>Developer</td> <td>Concept only</td> </tr> <tr> <td>Number of significant development projects approved</td> <td>0</td> <td>N/A to this year</td> <td>N/A</td> <td>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>Year 2 ONLY: Attach the summary report of the review activity <input type="checkbox"/></p> <p>Year 4 ONLY: Attach the follow-up report on plan implementation <input type="checkbox"/></p>	Number of significant development projects reviewed	1	Site Plan Review	Developer	Concept only	Number of significant development projects approved	0	N/A to this year	N/A	N/A																			
Number of significant development projects reviewed	1	Site Plan Review	Developer	Concept only																										
Number of significant development projects approved	0	N/A to this year	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>Strengths: Stringent site plan review process as well as Lake Worth policy for new development must contain 3 yr 1 hour storm event, provide erosion control plans, exfiltration trench. Inspections are performed throughout the projects to ensure that BMP's are adhered to.</p> <p>Limitations: None identified at this time</p> <p>SWMP revisions implemented to address limitations: N/A</p>																													
Part III.A.3	<p>Roadways</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>PERMITTEE Litter Control: Frequency of litter collection</p> <table border="1" data-bbox="998 661 1144 903"> <tr> <td>PERMITTEE Litter Control: Estimated amount of area maintained (lf)</td> <td>63,100</td> <td>Disposal Assessment form SWA</td> <td>Grounds Div.</td> <td>Collection of trash daily from roads and parks</td> </tr> <tr> <td>PERMITTEE Litter Control: Estimated amount of litter collected (cy)</td> <td>129</td> <td>5 gallon Bucket Log</td> <td>Grounds Div.</td> <td>Based on collection data</td> </tr> <tr> <td></td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td></td> <td></td> <td></td> </tr> </table> <p>CONTRACTOR Litter Control: Frequency of litter collection</p> <p>CONTRACTOR Litter Control: Estimated amount of area maintained (lf)</p> <p>CONTRACTOR Litter Control: Estimated amount of litter collected (cy)</p> <p>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".</p>	PERMITTEE Litter Control: Estimated amount of area maintained (lf)	63,100	Disposal Assessment form SWA	Grounds Div.	Collection of trash daily from roads and parks	PERMITTEE Litter Control: Estimated amount of litter collected (cy)	129	5 gallon Bucket Log	Grounds Div.	Based on collection data		0					0					0							
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	0																													
	0																													
	0																													
	<p>Trash Pick-up Events: Total miles cleaned</p> <p>Trash Pick-up Events: Estimated amount of litter collected (cy)</p>	<p>0</p> <p>0</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
	<p>Adopt-A-Road: Total miles cleaned</p> <p>Adopt-A-Road: Estimated amount of litter collected (cy)</p>	<p>0</p> <p>0</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>Frequency of street sweeping</p> <p>Total miles swept</p>	Daily	NPDES SWEEPER LOG	US Sweeping	Streets are swept 5 days a week
	<p>Estimated quantity of sweeping material collected (cy / tons)</p> <p>Total phosphorous loadings removed (pounds)</p>	5,568	Sweeper Log	US Sweeping	City has 116 miles of roadway swept twice per month
	<p>Total nitrogen loadings removed (pounds)</p>	3875 cy	Sweeper Log	US Sweeping	Sweeper logs and tickets
		3207	FSA Spreadsheet	US Sweeping	Calculated on the median value of nutrient removal per unit
		5002	FSA Spreadsheet	US Sweeping	Calculated on the median value of nutrient removal per unit
	<p>Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.</p>				
	Name of Facility	Number of Inspections			
	#1:Public Services Dept.-Fleet Maintenance Garage 1749 3 rd Ave South	12	Municipal maintenance yard inspection checklist	Public Services Garage	Fleet maintenance heavy equipment
	#2:Public Services Dept. Streets/Storm water Division Yard 1880 2 nd Ave North, Lake Worth, Fl. 33460	12	Inspection Log	Storm water Division	Facility houses Streets/Storm water Division Employees ,Material and Equipment

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Part III.A.3 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Lake Worth maintains routine street sweeping city wide. Also, the city has various trash receptacles along roads, parks and beach. The grounds department systematically removes trash to avoid overflow which reduces pollution found in the system during treatment.</p> <p>Limitations: Weather and littering</p> <p>SWMP revisions implemented to address limitations: Collection of sediment and trash during inclement weather periods</p>																																												
Part III.A.4	<p>Flood Control Projects</p> <p>Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not.</p> <p>Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.</p> <table border="1" data-bbox="641 903 820 1816"> <thead> <tr> <th data-bbox="641 903 755 1816">Flood control projects completed during the reporting period</th> <th data-bbox="641 661 755 903">Storm Div. report</th> <th data-bbox="641 430 755 661">Storm Div</th> <th data-bbox="641 262 755 430">Tide valves</th> </tr> </thead> <tbody> <tr> <td data-bbox="665 903 755 976">Flood control projects completed that did not include stormwater treatment</td> <td data-bbox="665 661 755 903">2</td> <td data-bbox="665 430 755 661">Storm Div</td> <td data-bbox="665 262 755 430">Tide valves</td> </tr> <tr> <td data-bbox="698 903 755 976">Stormwater retrofit projects planned/under construction</td> <td data-bbox="698 661 755 903">2</td> <td data-bbox="698 430 755 661">Storm Div</td> <td data-bbox="698 262 755 430">Tide valves</td> </tr> <tr> <td data-bbox="730 903 755 976">Stormwater retrofit projects completed</td> <td data-bbox="730 661 755 903">0</td> <td data-bbox="730 430 755 661">Storm Master Plan</td> <td data-bbox="730 262 755 430">Storm Div</td> </tr> <tr> <td data-bbox="763 903 820 1816">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.</td> <td data-bbox="763 661 755 903"><input checked="" type="checkbox"/></td> <td data-bbox="763 430 755 661">N/A</td> <td data-bbox="763 262 755 430">tide valves installed</td> </tr> </tbody> </table> <p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Implementing improvements or identifying areas of improvements based on the City's recent stormwater master plan. Working with other local agencies to improve flood control on municipalities' streets.</p> <p>Limitations: Due to financial constraints, many projects identified in the stormwater master plan have yet to be completed. The list is used to strategically prioritize locations that need to be addressed.</p> <p>SWMP revisions implemented to address limitations: Performing a refined analysis of areas identified in the master plan by collecting additional data, refining modeling and improving the approach</p>	Flood control projects completed during the reporting period	Storm Div. report	Storm Div	Tide valves	Flood control projects completed that did not include stormwater treatment	2	Storm Div	Tide valves	Stormwater retrofit projects planned/under construction	2	Storm Div	Tide valves	Stormwater retrofit projects completed	0	Storm Master Plan	Storm Div	If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.	<input checked="" type="checkbox"/>	N/A	tide valves installed	<table border="1" data-bbox="641 661 820 903"> <tbody> <tr> <td>2</td> <td>Storm Div. report</td> <td>Storm Div</td> <td>Tide valves</td> </tr> <tr> <td>2</td> <td>Storm Div. report</td> <td>Storm Div</td> <td>Tide valves</td> </tr> <tr> <td>2</td> <td>Storm Master Plan</td> <td>Storm Div</td> <td></td> </tr> <tr> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2	Storm Div. report	Storm Div	Tide valves	2	Storm Div. report	Storm Div	Tide valves	2	Storm Master Plan	Storm Div		0				<input checked="" type="checkbox"/>						
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Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit Report the applicable facilities and the number of the inspections conducted for each facility.	Number of Inspections			
	Name of Facility	N/A	N/A		
	N/A	N/A	N/A		
Part III.A.5 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: N/A Limitations: N/A SWMP revisions implemented to address limitations: N/A				
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. 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. PERSONNEL: FDACS public applicators of pesticides/herbicides CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides PERSONNEL: Green Industry BMP Program training completed CONTRACTORS: FDACS certified / licensed applicators of fertilizer	2 1 8 1	Employees licenses recorded on file with State of Florida State License Certificate of training Certificate of Training	Grounds maintenance DIV Valley Crest Inc Grounds Maintenance Division Valley Crest Inc.	Public Services Dept Contractor for City owned golf course Public Service Golf Course
	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. Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance <input type="checkbox"/>				
	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). Public Education and Outreach Program				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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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>Strengths: Staff and/or Vendors are licensed and certified to execute work in a safe and proper manner. The Lake Worth Fertilizer Friendly Use Regulation (Code of Ordinances, Chapter 12, and Article 8) and the pesticide, herbicide, and fertilizer application log continue to be advantageous in tracking, recording, and scheduling. The City customizes work schedules which meet the demand of the seasons.</p> <p>Limitations: Some may not follow the City's Fertilizer Friendly Use Regulation and maintenance plan</p> <p>SWMP revisions implemented to address limitations: Periodically check the logs for compliance and proper documentation. Public outreach and education to contractors and lawn service companies.</p>																			
Part III.A.7.a	<p>Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures</p> <p>Report amendments in Year 4.</p> <p>Year 4 ONLY: Attach a report on amendments to applicable legal authority <input type="checkbox"/></p>																			
Part III.A.7.c	<p>Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal</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> <table border="1" data-bbox="1112 903 1372 1816"> <tr> <td data-bbox="1112 903 1226 1186">Proactive inspections for suspected illicit discharges</td> <td data-bbox="1112 1186 1226 1438">TOTAL OUTFALL INSPECTIONS CATCH BASINS 1013</td> <td data-bbox="1112 1438 1226 1816">Inspection Log</td> <td data-bbox="1112 1816 1226 2016">Stormwater</td> <td data-bbox="1112 2016 1226 2016">City MS4 Insp.</td> </tr> <tr> <td data-bbox="1226 903 1307 1186">Illicit discharges found during a proactive inspection</td> <td data-bbox="1226 1186 1307 1438">0</td> <td data-bbox="1226 1438 1307 1816">Illicit Discharge Connection Report</td> <td data-bbox="1226 1816 1307 2016">Public Services</td> <td data-bbox="1226 2016 1307 2016">No Issues</td> </tr> <tr> <td data-bbox="1307 903 1372 1186">NOV/WL/citation/fines issued for illicit discharges found during proactive inspection</td> <td data-bbox="1307 1186 1372 1438">0</td> <td data-bbox="1307 1438 1372 1816">Illicit Discharge Form</td> <td data-bbox="1307 1816 1372 2016">Public Services</td> <td data-bbox="1307 2016 1372 2016">No Issues</td> </tr> </table> <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>	Proactive inspections for suspected illicit discharges	TOTAL OUTFALL INSPECTIONS CATCH BASINS 1013	Inspection Log	Stormwater	City MS4 Insp.	Illicit discharges found during a proactive inspection	0	Illicit Discharge Connection Report	Public Services	No Issues	NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	0	Illicit Discharge Form	Public Services	No Issues				
Proactive inspections for suspected illicit discharges	TOTAL OUTFALL INSPECTIONS CATCH BASINS 1013	Inspection Log	Stormwater	City MS4 Insp.																
Illicit discharges found during a proactive inspection	0	Illicit Discharge Connection Report	Public Services	No Issues																
NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	0	Illicit Discharge Form	Public Services	No Issues																

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>Reports of suspected illicit discharges received</p> <p>Reactive investigations of reports of suspected illicit discharges etc.</p> <p>Illicit discharges etc. found during reactive investigation</p> <p>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</p>	<p>1</p> <p>1</p> <p>0</p> <p>0</p>	<p>Call Log</p> <p>CIMS Stormwater Program</p> <p></p> <p>Lake Worth Illicit Discharge Form</p>	<p>Public Service</p> <p>Public Services/Utilities Dept.</p> <p></p> <p>Stormwater Division</p>	<p>Reports received and dispatched to Stormwater Div./Code</p> <p>Code Enforcement</p> <p>Staff meets with home owners to discuss proper BMP'S and possible illicit Discharge</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>Personnel trained</p> <p>Contractors trained</p>	<p>0</p> <p>0</p>	<p>and Erosion Control License</p>	<p>Code enforcement</p>	
<p>Part III.A.7.d</p>	<p>Illicit Discharges and Improper Disposal — Spill Prevention and Response</p>				
	<p>Report on the spill prevention and response activities, including the number of spills addressed.</p> <p>Hazardous and non-hazardous material spills responded to</p>	<p>0</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>Personnel trained</p> <p>Contractors trained</p>	<p>20+</p> <p>0</p>	<p>Certificates: Industrial Pretreatment/Sanitary Sewer Overflow Planning/PBC Fire Rescue</p>	<p>Collections Div/PBC fire rescue</p>	
<p>Part III.A.7.e</p>	<p>Illicit Discharges and Improper Disposal — Public Reporting</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>				

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>Public Education and Outreach Program</p> <p>Newletters: Number of articles/notices published</p> <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>Number of visitors to stormwater-related pages</p>	<p>1</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>1</p> <p>150</p> <p>0</p> <p>0</p> <p>0</p> <p>8000</p>	<p>City of Lake Worth publication: Newsworthy</p> <p>School</p> <p>City Website</p>	<p>City of Lake Worth</p> <p>City</p> <p>City</p>	<p>Distributed via email and billings</p> <p>Public Works Day</p> <p>Public Works Day</p> <p>Stormwater Page</p>
<p>Part III.A.7.f</p>	<p>Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control</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 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).</p> <p>Public Education and Outreach Program</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>				

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.7.g	<p>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</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&I: (description)</p> <p>Activity to reduce/eliminate SSOs and I&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>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>Inflow inserts</p> <p>Manhole Rehabs & Sewermain and laterals lining</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>City of Lake Worth</p> <p>Construction completion</p>	<p>Lake Worth Utilities and B&B underground</p>	<p>Tropical and Barton</p>
Part III.A.7 Summary	<p>Strengths: The City had no Sanitary Sewer Overflow incidents in reporting year. The City works to make violators accountable for infractions and illustrates that the City is dedicated to improve water quality and maintain effectiveness of the MS4</p> <p>Limitations: Limited City level public information or outreach in this section. The inability to monitor for illicit-discharge 24 hours a day, 7 days a week.</p> <p>SWMP Revisions implemented to address limitations: The City continues to train more employees on illicit discharge. Review and implement public outreach to get more educated through awareness.</p>				
Part III.A.8.a	<p>Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections</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>				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.			D.	E.	F.		
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments				
Type of Facility		Number of Facilities	Number of Inspections	Enforcement Actions					
	Operating municipal landfills	0							
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0	EPA WEBSITE FURTHER CHECKING	Public Services	Inspected Cycle 3 and scheduled for inspection in yr2 of cycle 4		
	EPCRA Title III, Section 313 facilities (TRI)	1	12				POWER PLANT		
	Facilities determined as high risk by the permittee	0							
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries								
	Report the number of high risk facilities sampled.								
	High risk facilities sampled		0						
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.								
Part III.A.8 Summary	Strengths: Documentation and Inspection protocols								
	Limitations: None noted at this time								
	SWMP revisions implemented to address limitations: N/A								
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices								
	Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.								
	PERMITTEE SITES: Construction site plans reviewed	8	City Construction Drawings	Public Services/Utilities Dept	Districts 1-4; Tropical & Barton; 2 nd watermain replacement; 8 th Ave S WM; LS 16; LS 4				
					PERMITTEE SITES: Construction site plans approved	7	City Construction DWGs	Public Services/Utilities Dept	See above
									PRIVATE SITES: Construction site plans reviewed
						Site Plan Review			

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>PRIVATE SITES: Construction site plans approved</p> <p>Report the number of development permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.</p>	20	Permit File/Naviline	y/Public Services/Water Utilities See above	Bldg Permit Review
Part III.A.9.b	<p>Construction Site Runoff — Inspection and Enforcement</p> <p>Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken.</p>	24	Permit Files	Public Services/Water Utility	Document required prior to building Permit
	Confirmed ERP coverage	2	ERP Permit	See above	
	Confirmed CGP coverage	24	Permit File	See above	Letter
		20	Permit File	See above	As-built
	<p>PERMITTEE SITES: Active construction sites</p> <p>PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs</p> <p>PERMITTEE SITES: Percentage of active construction sites inspected</p> <p>PRIVATE SITES: Active construction sites</p> <p>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs</p> <p>PRIVATE SITES: Percentage of active construction sites inspected</p> <p>Enforcement Action</p>	8	Construction Plans	Public Services/Water Utilities	
		Daily	SWWP Log	Public Services	
		100%	SWWP Log	Public Services	Site Plan Review
		9	Construction Plans	Public Services	
		8	Permit File	Community Sustainability	
		90%	Permit File	Community Sustainability	
		None			
Part III.A.9.c	<p>Construction Site Runoff — Site Operator Training</p> <p>Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training).</p>				
	DEP Certification	Annual Training			
	Permittee construction site inspectors	2	Certificates	Storm Div	Russel & Oudan

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Permittee construction site plan reviewers	0			
	Permittee construction site operators	6	Precon Meeting	Public Services/Co ntractors	
Part III.A.9 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
Strengths:	Stringent review processes and regular inspection along with supplementing inspection by consultants				
Limitations:	Large amount of activity and requires contractors' self-regulation and NPDES compliance				
SWMP revisions implemented to address limitations:	More stringent emphasis on NPDES regulations and erosion control BMP's				

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	
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	

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.

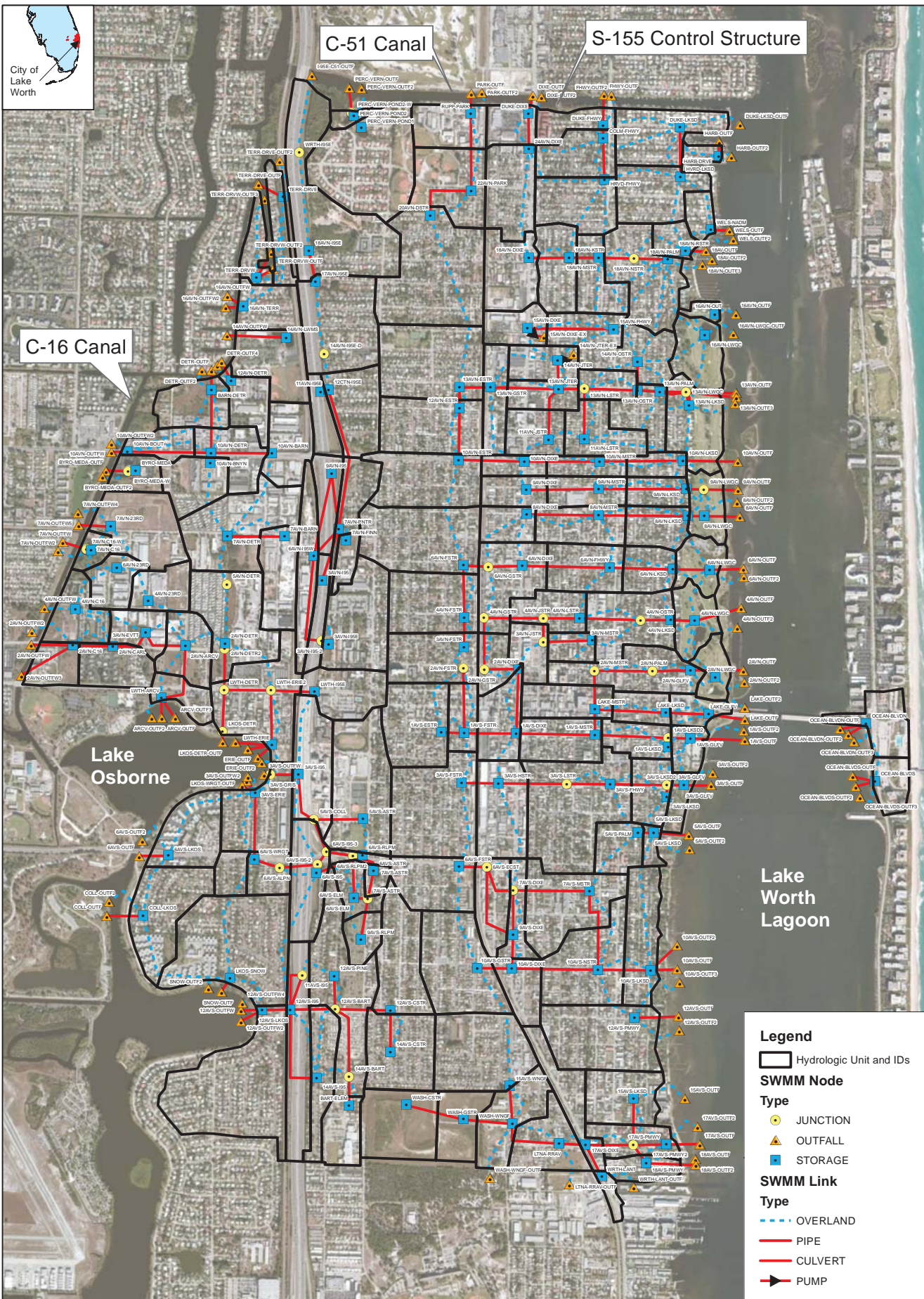
Year 3: Submit a Monitoring data summary or BPCP (if applicable).

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
		(Year 3 AR)	(Year 4 AR; N/A if BPCP)	

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):

No discharge to a TMDL WBID at the time of permit issuance.



SWMM Schematic



Figure 2-1

