



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: Town of Mangonia Park		
B.	Permit Name: Palm Beach County MS4		
C.	Permit Number: FLS000018-004		
D.	Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input checked="" type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
E.	Reporting Time Period (month/year): 10 / 1/2019 through 9/30/2020		
F.	Name of the Responsible Authority: Kenneth Metcalf		
	Title: Town Manager		
	Mailing Address: 1755 East Tiffany Drive		
	City: Mangonia Park	Zip Code: 33407	County: Palm Beach
	Telephone Number: 561-848-1235		Fax Number:
E-mail Address: kmetcalf@tompfl.com			
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): SAME		
	Title:		
	Department:		
	Mailing Address:		
	City:	Zip Code:	County:
	Telephone Number:		Fax Number:
E-mail Address:			

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 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 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: Town of Mangonia Park 4/9/2019 Status: The monitoring program is carried out by the Palm Beach County (PBC) Co-permittees. See the Joint Annual Report.</p> <p>The information relevant to the Town's MS4 is addressed in the 'Town of Mangonia Park Water Quality Monitoring Assessment Report' (See Attachment 1).</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>The information relevant to the Town's MS4 is addressed in the 'Town of Mangonia Park Water Quality Monitoring Assessment Report' (See Attachment 1).</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.</i></p> <p>See attachment 1, the Town of Mangonia Park Water Quality Monitoring Assessment Report and the last Annual Report (2018-2019).</p>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$51,049.00
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$48,450.00
C.	<p>Did the current reporting year resources decrease from the previous year? Y <input checked="" type="checkbox"/> / N <input type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p> <p>ONLY A SLIGHT DECREASE DUE TO BUDGETING FOR PIPE CLEANING</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 the Cycle 4 Year 4 Joint Annual Report and TMP Water Quality Monitoring Assessment Report - Attached
<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	No changes made at this time
<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
<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	Refer to the Cycle 4 Year 4 Joint Annual Report
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: TMDL Supplemental SWMP (if applicable).	Part VIII.B.3	No TMDLs to Address

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): Kenneth Metcalf

Title: Town Manger

Signature:  Date: 02/25/2021

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.					
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments					
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation									
	<p>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 style="text-align: center;">Type of Structure</p>	<p style="text-align: center;">Number of Structures</p>	<p style="text-align: center;">Number of Inspections</p>	<p style="text-align: center;">Percent Inspected</p>	<p style="text-align: center;">Number of Maintenance Activities</p>	<p style="text-align: center;">Percent Maintained</p>				
	<p style="text-align: center;">Exfiltration trench / French drains (lf)</p>	<p style="text-align: center;">3103</p>	<p style="text-align: center;">1</p>	<p style="text-align: center;">52</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">52</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Contractor cleaned</p>	
	<p style="text-align: center;">Grass treatment swales (lf)</p>	<p style="text-align: center;">4880</p>	<p style="text-align: center;">1</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">On- goi- ng</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Viewed with litter control</p>	
	<p style="text-align: center;">Major outfalls(each)</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">1 ea</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">1 ea</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Contractor Cleaned</p>	
	<p style="text-align: center;">Weirs or other control structures (each)</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">1 ea</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">100</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Contractor Cleaned</p>	
	<p style="text-align: center;">pipes / culverts (lf)</p>	<p style="text-align: center;">2372</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">35</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">35</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Contractor Cleaned</p>	
	<p style="text-align: center;">Inlets / catch basins / grates/manholes</p>	<p style="text-align: center;">60</p>	<p style="text-align: center;">1</p>	<p style="text-align: center;">35</p>	<p style="text-align: center;">1</p>	<p style="text-align: center;">35</p>	<p style="text-align: center;">Inspection Form</p>	<p style="text-align: center;">ADMIN</p>	<p style="text-align: center;">Contractor Cleaned</p>	
	<input type="checkbox"/>					<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>				<p style="text-align: center;">All Met</p>

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE						
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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments	
Part III.A.1 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.					
	Strengths: 2 SMALL SYSTEMS THAT ARE EASY TO MONITOR					
	Limitations: VERY SMALL TOWN WITH BUDGETARY CONSTRAINTS FOR PERSONNEL					
	SWMP revisions implemented to address limitations: NONE AT THIS TIME					
Part III.A.2	Areas of New Development and Significant Redevelopment					
	Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations.					
	Number of significant development projects reviewed		1	SITE PLAN	ADMIN	
	Number of significant development projects approved		1	SITE PLAN	ADMIN	
	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.					
	Year 2 ONLY: Attach the summary report of the review activity		<input type="checkbox"/>			N/A
	Year 4 ONLY: Attach the follow-up report on plan implementation		<input type="checkbox"/>	Council Minutes	ADMIN	No changes
Part III.A.2 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.					
	Strengths: SMALL SYSTEMS-EASY TO MONITOR					
	Limitations: BUDGET LIMITATIONS FOR PERSONNEL					
	SWMP revisions implemented to address limitations: NONE AT THIS TIME					
Part III.A.3	Roadways					
	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>					
	PERMITTEE Litter Control: Frequency of litter collection		AS NEEDED	LCL-TA	ADMIN	ON-GOING
	PERMITTEE Litter Control: Estimated amount of area maintained (lf)		10,476	LCL-TA	ADMIN	
	PERMITTEE Litter Control: Estimated amount of litter collected (13 gal bags)		283	LCL-TA	ADMIN	
	CONTRACTOR Litter Control: Frequency of litter collection		0	LCL-TA	ADMIN	DO NOT
	CONTRACTOR Litter Control: Estimated amount of area maintained (lf)		0	LCL-TA	ADMIN	USE
	CONTRACTOR Litter Control: Estimated amount of litter collected (cy)		0	LCL-TA	ADMIN	CONTRACTORS
	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.					
	Trash Pick-up Events: Total miles cleaned		0			HAVE NONE
	Trash Pick-up Events: Estimated amount of litter collected (cy)		0			HAVE NONE
	Adopt-A-Road: Total miles cleaned		0			HAVE NONE
	Adopt-A-Road: Estimated amount of litter collected (cy)		0			HAVE NONE
	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.					

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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
	Frequency of street sweeping	0	Aerials	ADMIN	DO NOT
	Total miles swept	0	Aerials	ADMIN	HAVE ANY
	Estimated quantity of sweeping material collected (cy / tons)	0	Aerials	ADMIN	CURB AND
	Total phosphorous loadings removed (pounds)	0	Aerials	ADMIN	GUTTERS
	Total nitrogen loadings removed (pounds)	0	Aerials	ADMIN	
	Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.				
	Name of Facility	Number of Inspections			
DO NOT HAVE ANY SUCH FACILITIES	0	SOP	ADMIN	DO NOT HAVE	
Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: SMALL TOWN-EASY TO SEE AND PICK UP				
	Limitations: PERSONNEL COSTS				
	SWMP revisions implemented to address limitations: NONE AT THIS TIME				
Part III.A.4	Flood Control Projects				
	Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not.				
	Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.				
	Flood control projects completed during the reporting period	0	PLANS	ADMIN	NONE THIS AR
	Flood control projects completed that did <u>not</u> include stormwater treatment	0	PLANS	ADMIN	
	Stormwater retrofit projects planned/under construction	0	PLANS	ADMIN	
	Stormwater retrofit projects completed	0	PLANS	ADMIN	
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 type="checkbox"/>			N/A	
Part III.A.4 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: SMALL TOWN-FLOOD CONTROL MINIMAL				
	Limitations: BUDGET/PERSONNEL				
	SWMP revisions implemented to address limitations: NONE AT THIS TIME				

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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
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.				
	Name of Facility	Number of Inspections			
	DO NOT HAVE ANY TYPE OF THESE FACILITIES-NONE CAN BE ESTABLISHED-TOWN BASICALLY BUILT OUT FOR A FACILITY	0	REF. SOP	ADMIN	HAVE NONE
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	0	Tomasello contract	ADMIN	USE CONTRACTOR ONLY
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	1	RECEIPTS	TOMASELLO	
	PERSONNEL: Green Industry BMP Program training completed	0	Town Records	ADMIN	
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	1	RECEIPTS	TOMASELLO	
	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.			
	Brochures/Flyers/Fact sheets distributed	57	FACT SHEET	ADMIN	COUNTER AT TOWN HALL
	Newspapers & newsletters: Number of articles/notices published	2	NEWSLETTERS	ADMIN	
	Newsletters: Number of newsletters distributed	800	NOTES FROM ADMIN	ADMIN	
	Public displays (posters)	1	POSTED IN TOWN HALL	ADMIN	

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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
	Radio or television Public Service Announcements (PSAs)	REFERENCE	JOINT	REPORT	DONE BY GROUP
	Water Bills with Blurb Total issued	758	WATER BILL	ADMIN	
Part III.A.6 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: SMALL TOWN-EFFECTIVE DELIVERY				
	Limitations: NO SIGNIFICANT ONES				
	SWMP revisions implemented to address limitations: N/A				
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures				
	Report amendments in Year 4. NO AMENDMENTS MADE				
	Year 4 ONLY: Attach a report on amendments to applicable legal authority	<input checked="" type="checkbox"/>	Council Minutes	ADMIN	NO AMENDMENTS MADE STATEMENT
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal				
	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.				
	Proactive inspections for suspected illicit discharges	1 FOR AREA	REPORTS	WPBFD	FIRE DEPT GOES THRU TOWN
	Illicit discharges found during a proactive inspection	0	REPORTS	WPBFD	
	NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	0	CODE ENF. LETTER	ADMIN	NONE ISSUED
	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.				
	Reports of suspected illicit discharges received	0	PID-TA	ADMIN	NO REPORTS
	Reactive investigations of reports of suspected illicit discharges etc.	0	PID-TA	ADMIN	NO REPORTS
	Illicit discharges etc. found during reactive investigation	0	PID-TA	ADMIN	NO REPORTS
	NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation	0	CODE ENF. LETTER	ADMIN	NONE ISSUED
	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.				
	Personnel trained	1	ATTENDANCE LIST	ADMIN	March 2020
	Contractors trained	0	ATTENDANCE LIST	ADMIN	March 2020
Part III.A.7.d	Illicit Discharges and Improper Disposal — Spill Prevention and Response				
	Report on the spill prevention and response activities, including the number of spills addressed.				

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Hazardous and non-hazardous material spills responded to	0	WPBFD REPORT	WPBFD	None in MS4 area
	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.				
	Personnel trained	1	ATTENDANCE SHEET	ADMIN CONSULTANT	March 2020 Mtg
	Contractors trained	0	ATTENDANCE SHEET	GROUP ACTIVITY	MARCH 2020
Part III.A.7.e	Illicit Discharges and Improper Disposal — Public Reporting				
	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).				
	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.			
	Brochures/Flyers/Fact sheets distributed	57	BROCHURE	ADMIN	
	Newspapers & newsletters: Number of articles/notices published	1	NEWSLETTER	ADMIN	
	Newsletters: Number of newsletters distributed	800	NEWSLETTER	ADMIN	
	Public displays (posters)	1	CITY HALL	ADMIN	
	Radio or television Public Service Announcements (PSAs)	REFERENCE	JOINT	REPORT	DONE BY GROUP
	Water Bills with Blurb Total issued	758	WATER BILL	ADMIN	
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control				
	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).				
	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.			
	Brochures/Flyers/Fact sheets distributed	57	BROCHURE	ADMIN	
	Newspapers & newsletters: Number of articles/notices published	2	NEWSLETTER	ADMIN	
	Newsletters: Number of newsletters distributed	800	NEWSLETTER	ADMIN	
	Public displays (Posters)	1	CITY HALL	ADMIN	
	Radio or television Public Service Announcements (PSAs)	REFERENCE	JOINT	REPORT	DONE BY GROUP
	Water Bills with Blurb Total issued	758	WATER BILL	ADMIN	

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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
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage						
	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.						
	Owner of the sanitary sewer system			TOWN OF MANGONIA PARK FOR PIPING-THEN PUMPED TO CITY OF RIVIERA BEACH PLANT			
	Activity to reduce/eliminate SSOs and I&I: (description)			0	UTILITY REC.	Town staff	NONE
	Activity to reduce/eliminate SSOs and I&I: (description)			0	UTILITY REC.	Town staff	UNDERTAKE
	SSO incidents discovered			0	UTILITY REC.	Town staff	THIS AR
	SSO incidents resolved			0	UTILITY REC.	Town staff	
	Inflow / infiltration incidents discovered			0	UTILITY REC.	Town staff	
	Inflow / infiltration incidents resolved			0	UTILITY REC.	Town staff	
Part III.A.7 Summary	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.						
	Strengths: SMALL SYSTEM						
	Limitations: FUNDING TO UNDERTAKE STUDIES						
	SWMP Revisions implemented to address limitations: NONE AT THIS TIME						
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections						
	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.						
	Type of Facility	Number of Facilities	Number of Inspections	Enforcement Actions			
	Operating municipal landfills	0	0	0	Dep.solid waste website	CONSULTANT	HAVE NONE
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0	environ.epa.gov website	CONSULTANT	HAVE NONE
	EPCRA Title III, Section 313 facilities (TRI)	0	0	0	environ.epa.gov website	CONSULTANT	HAVE NONE
	Facilities determined as high risk by the permittee	0	0	0	Illicit SOP	Admin	DID NOT ID ANY FROM DATA BASES
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries						
	Report the number of high risk facilities sampled.						

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
	High risk facilities sampled	0	REPORT FORM SOP SEC 13	ADMIN	NONE ID'D
Part III.A.8 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: SMALL TOWN-RELATIVELY EASY TO OBSERVE SITES IN MS4s				
	Limitations: PERSONNEL TO PERFORM INSPECTIONS-WPBFD INSPECTS SITES ALSO				
	SWMP revisions implemented to address limitations: NONE PROSED AT THIS TIME				
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	0	REVIEW LETTER	ADMIN	NONE THIS AR
	PERMITTEE SITES: Construction site plans approved	0	REV. LETTER	ADMIN	NONE
	PRIVATE SITES: Construction site plans reviewed	1	SITE REVIEW LETTER	ADMIN	
	PRIVATE SITES: Construction site plans approved	1	SITE REVIEW LETTER	ADMIN	
	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	0	SITE REVIEW LETTERS	ADMIN	PROJ. TOO
	Confirmed ERP coverage	0	SFWMD PERMIT	ADMIN/SFWMD	SMALL
	Notified of CGP stormwater permit requirements	0	SITE REVIEW LETTERS	ADMIN	
	Confirmed CGP coverage	0	NOI	ADMIN	
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				
	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.				
	PERMITTEE SITES: Active construction sites	0	CONTRACTS	ADMIN	NONE
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	0	SOP FORM	ADMIN	THIS
	PERMITTEE SITES: Percentage of active construction sites inspected	0	SOP FORM	ADMIN	AR
	PRIVATE SITES: Active construction sites	0	SOP FORM	ADMIN	APPROVED
	PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	0	SOP FORM	ADMIN	PROJECT
	PRIVATE SITES: Percentage of active construction sites inspected	0	SOP FORM	ADMIN	NOT STARTED

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Enforcement Action	0	SOP FORM	ADMIN	IN THIS AR
Part III.A.9.c	Construction Site Runoff — Site Operator Training				
	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	Annual Training		
	Permittee construction site inspectors	1	0 THIS AR	LICENSE	CONSULTANT PASSED COURSE PREVIOUSLY
	Permittee construction site plan reviewers		1	Sign-in sheet	PBC Steering Committee March 2020
	Permittee construction site operators		1	Sign-in sheet	PBC Steering Committee March 2020
Part III.A.9 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: MINIMAL PROJECTS				
	Limitations: PERSONNEL BUDGET				
	SWMP revisions implemented to address limitations: SOPs UPDATED (NOT IN THIS AR PERIOD)				

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	NONE 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	NONE PROPOSED

SECTION IX. TMDL Status Report

A.	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.	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)					
C.	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 THIS TIME								

YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from development.

There have been no changes made to codes and regulations during this time period. The legal sections are outlined in the SOPs Section 14; Construction Site Plan Review MS4 Permit Part III.9.a. The SOPs were updated in 20-21 year 5 listing all applicable sections of the code, and will be fully reported in the next AR.

**Town of Mangonia Park, FL
(Palm Beach County, Florida)
MS4 Permit No. FLS000018-004
Monitoring Assessment Program**

Assessment Program Objective:

The purpose of this assessment program is to provide information for the Town of Mangonia Park 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.

Town MS4 Commentary:

The Town of Mangonia Park is contained within Section 5 T43 R43 in Palm Beach County, Florida (Ref Ex. 1). Within the Town area (600+/- Square acres) only 70+/- acres (0.31% of basin) are in 2 MS4 basins. Each Basin has its own outfall. Both MS4s are have exfiltration systems. MS4 Area #1 has 1360 LF of 4' x 6' exfiltration trench and MS4 Area #2 has 1743 LF of 10' x 12' exfiltration trench. The systems are maintained and cleaned in an on-going program of maintenance and reporting for both areas. There also swales as the roads have no raised curbing.

The Town is dependent on group activities and will utilize the data the group supplies to evaluate Town's MS4s systems

Water Quality Monitoring:

The monitoring station for the Town is 12A within the SFWMD C-17 (see below). The Town's discharge flows to the C-17 via the City of Riviera Beach RC-2 canal. It should be noted that portions of Riviera Beach also contribute flow to the RC-2 canal along with a County roadway (Australian Avenue).

Monitoring Station Number	Location Description	Latitude/ Longitude	Receiving Water Body
12A	S. SIDE 45 TH ST BRIDGE	LAT 26.75868 LON -80.08830	C-17

The primary interest that FDEP has regarding the MS4 permit program is related to nutrients and what impacts these loads have on the downstream water bodies. Mangonia Park has reviewed the nutrient monitoring program data results at the above location. C-17 nutrient trend tables and figures (12A 1990-2019) is provided on the Palm Beach County MS4 website(www.pbco-npdes.org) under Annual Reports, Cycle 4 Year 4 Joint Report (refer to Table 5-11 and Figures 5-2, 5-3 and

5-4, attached). All three water quality trends for Total Nitrogen, Total Phosphorous and Chlorophyll-a show a decreasing trend.

Pollutant Loading Estimates/Results:

The Town of Mangonia Park is relying on the Group Report. The Group developed pollutant loading estimates during the 3rd year of this permit cycle, using the SIMPLE protocol. The group provided loadings estimates “by MS4” as listed below for the 6 required water quality parameters (Refer to Cycle 4 Year 4 Joint Report-Summary of Average Annual Pollutant Loading Model Activities 2). The results as listed below include for 2018 a 6% reduction for public education as allowed by FDEP.

Watershed C-17								
2013 Pollutant Loads (lbs./yr.)								
Municipality	BOD5	TSS	TP	CU	ZN	TN	Area (ac.)	Percent
Mangonia Park, Town of	3,807	22,990	172	11	41	1,253	71.67	0.31%

Watershed C-17								
2018 Pollutant Loads (lbs./yr.)								
Municipality	BOD5	TSS	TP	CU	ZN	TN	Area (ac.)	Percent
Mangonia Park, Town of	2,831	14,973	155	8.5	21	1,135	71.67	0.31%

Reduction (lbs./yr.)	976	8,017	17	2.5	20	118
% Red. From 2013	25.6	34.9	9.9	22.7	48.8	9.4

The pollutant loading estimates indicate a significant lower pollutant loads over past two permit cycles. The primary driver of the significant pollutant loading reductions was the result of doubling the extend of the exfiltration system in FY2015-2016. The pollutant loading estimates indicate that the current stormwater pollution prevention programs in place are generally managing the stormwater runoff in terms of pollutant loadings, and implementation of additional programs is not warranted

Evaluation and Response Plan:

In conclusion, based on both the water quality monitoring program and pollutant loading analysis, the Town of Mangonia Park has an effective stormwater management program. As such there is no need for additional stormwater management programs.

Table 5-11
Water Quality Trends
C-17 Watershed
 (Page 3 of 14)

Total Nitrogen

Site	Date Range	Tau	Slope ¹	Selected P-Value ²	Statistical Trend Interpretation ³
12A	1999 - 2020	-0.266357	-0.000069	< 0.0001	Significant Decreasing Trend
C17S44	1999 - 2020	-0.371641	-0.000047	< 0.0001	Significant Decreasing Trend

Total Phosphorus

Site	Date Range	Tau	Slope ¹	Selected P-Value ²	Statistical Trend Interpretation ³
12A	1999 - 2020	-0.031471	0.000000	0.643489	Decreasing Trend
C17S44	1999 - 2020	-0.003606	0.000000	0.945666	Decreasing Trend

Total Chlorophyll-a (corrected)

Site	Date Range	Tau	Slope ¹	Selected P-Value ²	Statistical Trend Interpretation ³
12A	1999 - 2020	-0.049994	-0.000350	0.478397	Decreasing Trend
C17S44	1999 - 2020	-0.019921	-0.000200	0.915730	Decreasing Trend

¹ 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.

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

³ 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.

Figure 5-2 Total Phosphorus Trend

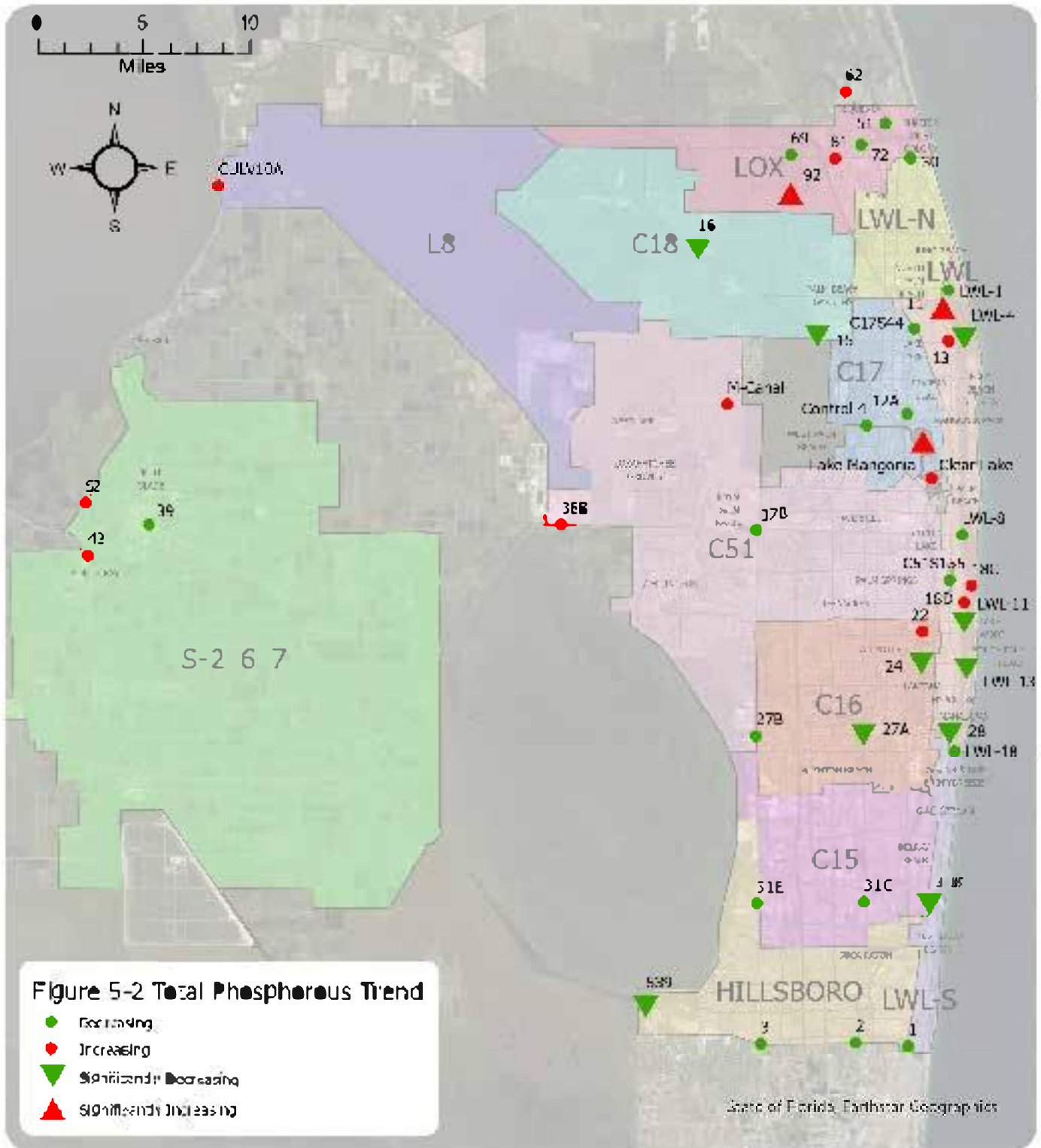


Figure 5-3
Total Nitrogen Trend

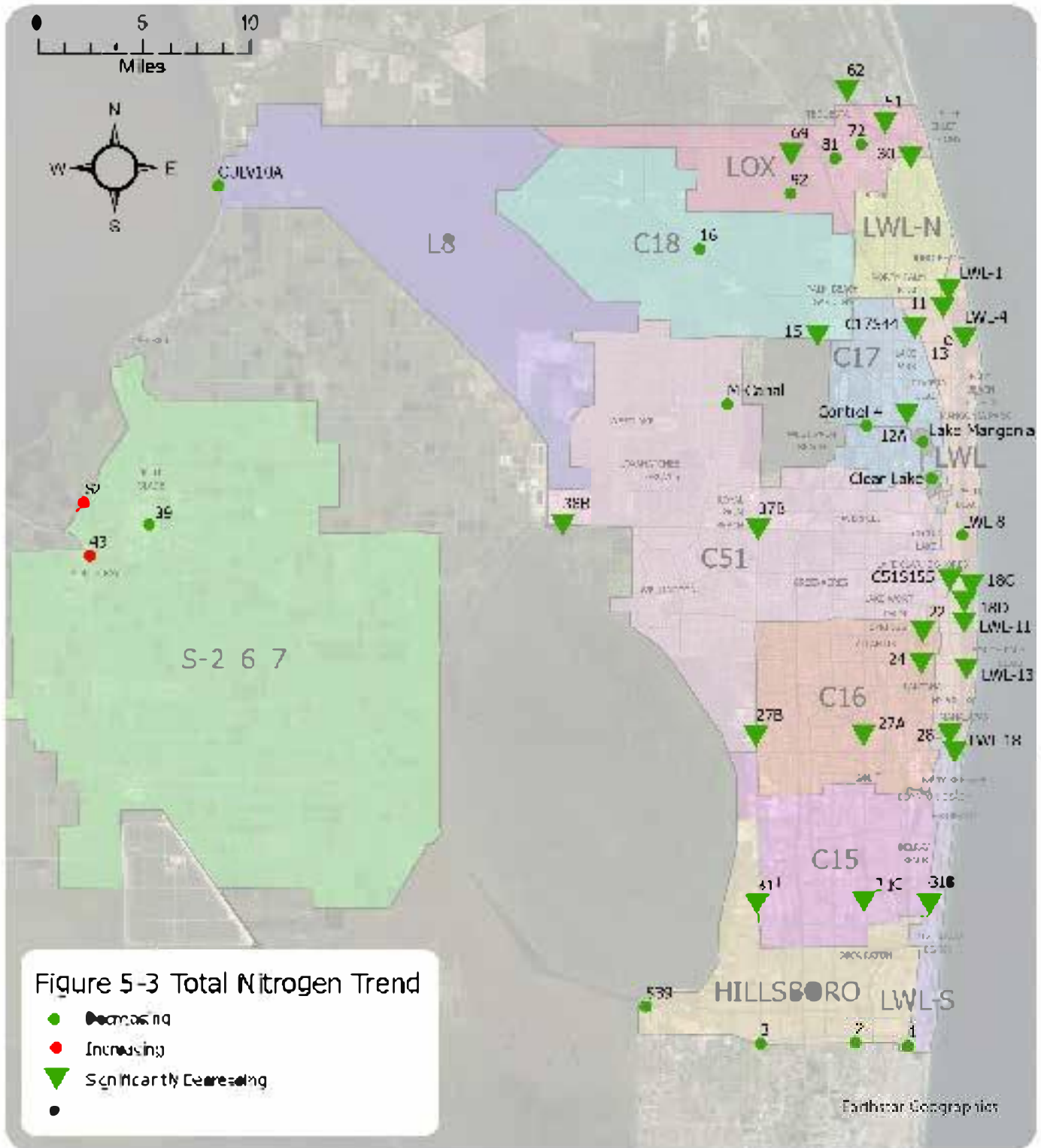


Figure 5-3 Total Nitrogen Trend

- Decreasing
- Increasing
- ▼ Significantly Decreasing
-

Figure 5-4
Chlorophyll-a (corrected) Trend

