



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: Village of Palm Springs		
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): October 2019 through September 2020		
F.	Name of the Responsible Authority: Ronald Eyma, P.E.		
	Title: Public Service Director		
	Mailing Address: 226 Cypress Lane		
	City: Palm Springs	Zip Code: 33461	County: Palm Beach
	Telephone Number: (561) 434-5100		Fax Number: (561) 304-4608
	E-mail Address: reyma@vpsfl.org		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Angela Thul		
	Title: Stormwater Program Coordinator		
	Department: Public Works/Maintenance		
	Mailing Address: 226 Cypress Lane		
	City: Palm Springs	Zip Code: 33461	County: Palm Beach
	Telephone Number: (561) 434-5122		Fax Number:
	E-mail Address: athul@vpsfl.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

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.
DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.

Name and date of the approved plan: 05/15/2018 (via email)

A.

Status: *The Monitoring program is carried out jointly by the PBC Co-permittees. See the PBC Joint Annual Report. The information relevant to the Permittee's MS4 is addressed within the Annual Assessment Report document, provided herewith.*

B.

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.
DEP Note: Results must be specific to the permittee's SWMP.

See provided Annual Assessment Report and Permittee's Year 3 Pollutant Loading Report.

C.

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.
DEP Note: Analysis must be specific to the permittee's SWMP.

Same as response to "B.", above.

SECTION IV. FISCAL ANALYSIS

A.

Total expenditures for the NPDES stormwater management program for the current reporting year: \$522,649.00

B.

Total budget for the NPDES stormwater management program for the subsequent reporting year: \$ 1,025,411.00

C.

Did the current reporting year resources decrease from the previous year? Y / N

If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.

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	Reported on Joint 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	Reported on Joint Report and attached Assessment Report
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
<input 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	
<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 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"> 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): Ronald Eyma, P.E.

Title: Public Service Director

Signature:  Date: 1/14/2021

-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 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 Dry retention systems Exfiltration trench / French drains (l.f.) Grass treatment swales (miles) Wet detention systems	Number of Structures 4 1,240 43.2 4	Number of Inspections 4 110 43.2 0	Percent Inspected 100% 8.8% 100% 0	Number of Maintenance Activities 0 0 0 1	Percent Maintained 0% 0% 0% 25%			Dry Retention Structural Control Inspection Form Exfiltration Trench Structural Control Inspection form Grass Swale Structural Control Inspection Log Wet Detention System Structural Control Inspection Form	Public Works Department Angela Thul Public Works Department Angela Thul Public Works Department Angela Thul Public Works Department Angela Thul	Maintenance as required contracted landscaping for mowing Over the past 3 years the requirement was met. Maintenance as required Maintenance as required, vegetation clearing outfall on lake at 233 Poe Dr.

-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				
	Major outfalls	14	14	100%	0	0%	Major Outfall Structural Control Inspection Log and work order	Public Works Department Angela Thul	Maintenance as required	
	Weirs or other control structures	20	20	100%	3	15%	Control Structural Inspection Form and work orders	Public Works Department Angela Thul	C.S. #36-9, C.S.#55-5 and C.S. #44-18	
	pipes / culverts (miles)	25.8	25.8	100%	4	.04%	Pipe-Culvert Structural Control Inspection Log and work orders	Public Works Department Angela Thul	Maintenance as required	
	Non-major Outfalls	137	131	95%	0	0	Outfall Structural Control Inspection Log	Public Works Department Angela Thul	Not all were visible. No maintenance required	
	Inlets / catch basins / grates	679	679	100%	41	6%	Catch Basin Structural Control Log	Public Works Department Angela Thul	Maintenance as required.	
	Ditches / conveyance swales (l.f)	4586	4586	100%	2	100%	Conveyance (Ditch & Canal) System- Structural Control Inspection Log and work orders	Public Works Department Angela Thul	Maintenance under contract with landscaping company	
	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.									All met

-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 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: All Inspections were completed. Limitations: Ditch mower needed constant repair. SWMP revisions implemented to address limitations: Ditches are now under landscaping contract for maintenance.				
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.	6	Application Form and Plans	Planning, Building and Zoning	Through the department process
	Number of significant development projects reviewed	6	Staff Report	Planning, Building and Zoning	Through the department process
	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	0	Summary Report	Public Works	No changes on the summary report
	Year 4 ONLY: Attach the follow-up report on plan implementation	1	LDRs Report	Public Works Department Angela Thul	Completed
Part III.A.2 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: Compliance is very up to date in Planning, Building, and Zoning Limitations: Covid-19 has caused changes in how items are processed. SWMP revisions implemented to address limitations: Additional personnel are now in place to help with project management.				
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	0	Contract set with Vendor	Public Works	
	PERMITTEE Litter Control: Estimated amount of area maintained (lf)	0	Contract set with Vendor	Public Works	
	PERMITTEE Litter Control: Estimated amount of litter collected (cy)	0	Contract set with Vendor	Public works	

-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
	CONTRACTOR Litter Control: Frequency of litter collection	Each time it is cut	Contract set with Vendor	Cayco Landscaping	Litter collection along Congress Ave. & 10 th Ave. N
	CONTRACTOR Litter Control: Estimated amount of area maintained (miles)	4.4	Contract set with Vendor	Cayco Landscaping	Litter collection along Congress Ave. & 10 th Ave. N.
	CONTRACTOR Litter Control: Estimated amount of litter collected (30 -gallon bags)	28	Contract set with Vendor	Cayco Landscaping	Litter collection along Congress Ave. & 10 th Ave. N.
	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".				
	Keep PBC Beautiful Trash Pick-up Events: Total miles cleaned	0	Newsletter	Community Event	Cancelled due to Covid-19
	Trash Pick-up Events: Estimated amount of litter collected (pounds)	0	E-mail sent to Keep PBC beautiful	Community Event	Cancelled due to Covid-19
	Adopt-A-Road: Total miles cleaned	0	0	Public Works	No Adopt a Road Program Implemented
	Adopt-A-Road: Estimated amount of litter collected (pounds)	0	0	Public Works	N/A
	Report the equipment yards and maintenances shops that support road maintenance activities and the number of inspections conducted for each facility.				
	Frequency of street sweeping	N/A – Do not have curbs			
	Estimated quantity of sweeping material collected (cy / tons)	0	0	Public Works	
	Total phosphorous loadings removed (pounds)	0	0	Public Works	
	Name of Facility	Number of Inspections			
	Municipal Maintenance shop; Gilpin Way	2	Equipment Yard/ Maintenance Shop Inspection Form	Public Works Department Angela Thul	Kept in orderly condition

-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																										
	Municipal equipment Yard; Kirk Road	2	Equipment Yard/ Maintenance Shop Inspection Form	Public Works Department Angela Thul	Kept in orderly condition																										
Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: Nice consistent pattern is in place. Limitations: Everyone needs to do their part. SWMP revisions implemented to address limitations: Keep the standards as part of the daily process.																														
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.																														
Part III.A.4 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: Public Service Project Manager is coordinating the projects along with Stormwater Coordinator and Assistant Public Service Director. Limitations: Each Fiscal Year projects are budgeted for and competed. Projects are within developed areas and construction improvements pose a disruption to the community SWMP revisions implemented to address limitations: Revised study was done on Stormwater Non-Ad Valorem assessment fee have been increased.																														
	<p>Flood control projects completed during the reporting period</p> <table border="1"> <tr> <td data-bbox="1226 903 1453 997">Flood control projects completed during the reporting period</td> <td data-bbox="1226 997 1453 1092">0</td> <td data-bbox="1226 1092 1453 1186">Five Year Capital Improvement Plan</td> <td data-bbox="1226 1186 1453 1281">Public Works Department</td> <td data-bbox="1226 1281 1453 1375">None for reporting period.</td> </tr> <tr> <td data-bbox="1226 903 1453 997">Flood control projects completed that did <u>not</u> include stormwater treatment</td> <td data-bbox="1226 997 1453 1092">0</td> <td data-bbox="1226 1092 1453 1186">Five Year Capital Improvement Plan</td> <td data-bbox="1226 1186 1453 1281">Public works Department</td> <td data-bbox="1226 1281 1453 1375">None for reporting period.</td> </tr> <tr> <td colspan="5" data-bbox="1226 903 1453 997">Stormwater retrofit projects planned/under construction</td> </tr> <tr> <td data-bbox="1226 903 1453 997">Stormwater retrofit projects completed</td> <td data-bbox="1226 997 1453 1092">4</td> <td data-bbox="1226 1092 1453 1186">Five Year Capital Improvement Plan</td> <td data-bbox="1226 1186 1453 1281">Public Service Project Manager</td> <td data-bbox="1226 1281 1453 1375">Walter Sanchez</td> </tr> <tr> <td data-bbox="1226 903 1453 997">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="1226 997 1453 1092">1</td> <td data-bbox="1226 1092 1453 1186">Application Form and Plans</td> <td data-bbox="1226 1186 1453 1281">TCLM Enterprises</td> <td data-bbox="1226 1281 1453 1375">Walter Sanchez</td> </tr> <tr> <td data-bbox="1226 903 1453 997"> <input type="checkbox"/> </td> <td colspan="4"></td> </tr> </table>	Flood control projects completed during the reporting period	0	Five Year Capital Improvement Plan	Public Works Department	None for reporting period.	Flood control projects completed that did <u>not</u> include stormwater treatment	0	Five Year Capital Improvement Plan	Public works Department	None for reporting period.	Stormwater retrofit projects planned/under construction					Stormwater retrofit projects completed	4	Five Year Capital Improvement Plan	Public Service Project Manager	Walter Sanchez	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.	1	Application Form and Plans	TCLM Enterprises	Walter Sanchez	<input type="checkbox"/>				
Flood control projects completed during the reporting period	0	Five Year Capital Improvement Plan	Public Works Department	None for reporting period.																											
Flood control projects completed that did <u>not</u> include stormwater treatment	0	Five Year Capital Improvement Plan	Public works Department	None for reporting period.																											
Stormwater retrofit projects planned/under construction																															
Stormwater retrofit projects completed	4	Five Year Capital Improvement Plan	Public Service Project Manager	Walter Sanchez																											
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.	1	Application Form and Plans	TCLM Enterprises	Walter Sanchez																											
<input type="checkbox"/>																															

-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.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					
	None in the Village of Palm Springs	0	Assess Inventory	Utilities	None		
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	0	Assess Inventory	Utilities	None		
Part III.A.5 Summary	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 and fertilizer			0	Personal Fertilizer License	Florida Department of Agriculture and Consumer Services	Cayco Landscaping expires May 8 th , 2022
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides			1	License Fertilizer Commercial Applicator License	Florida Department of Agriculture and Consumer Services	Angela Thul, Chris Brown, Jason-Austin Diaz, and Roy Rowell
	PERSONNEL: Green Industry BMP Program training completed			4	Certificate of Training BMP Florida Green Industries	Florida Department of Environmental Protection and UF/IFAS	No work contracted out.
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer			0	License	Public Works	No work contracted out.
	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			0	Pursuant to Section 403.9337, FS	FDEP	Refer to Mock Roos MS4 website

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

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<p>Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides and fertilizers including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable).</p> <p>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>
	<p>Village Digital Sign</p>	0	Photo	Public Works Department Angela Thul	Great resource
<p>Part III.A.6 Summary</p>	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Digital sign is the most cost-effective way to get the message out.</p> <p>Limitations: Other methods are complicated by the need to coordinate with other departments.</p> <p>SWMP revisions implemented to address limitations: Add notifications to the Village newsletter and social media.</p>				
<p>Part III.A.7. a</p>	<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</p>	0	Ordinance 93.02	Planning, Building and Zoning	
<p>Part III.A.7.c</p>	<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>				

-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>Proactive inspections for suspected illicit discharges</p> <p>Illicit discharges found during a proactive inspection</p>	<p>686</p> <p>5</p>	<p>Proactive Illicit Discharge Form & Catch Basin Control Log</p> <p>Proactive Inspection Form</p>	<p>Public Works Department Angela Thul</p> <p>Public Works Department Angela Thul</p>	<p>Commercial properties, catch basins and canals</p> <p>Corrections were made to take care of the problem</p> <p>None for reporting period</p>
	<p>NOV/WL/citations/fines issued for illicit discharges found during proactive inspection</p> <p>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.</p>	<p>0</p>	<p>Violation Notices</p>	<p>Code Enforcement Department</p>	<p>None for reporting period</p>
	<p>Reports of suspected illicit discharges received to the department</p> <p>Reactive investigations of reports of suspected illicit discharges etc.</p> <p>Illicit discharges etc. found during reactive investigation</p>	<p>0</p> <p>0</p> <p>0</p>	<p>Reactive Inspection of Reported Illicit Discharge</p> <p>Reactive Inspection of Reported Illicit Discharge</p> <p>Reactive Inspection of Reported Illicit Discharge</p>	<p>Public Works Department Angela Thul</p> <p>Public Works Department Angela Thul</p> <p>Public Works Department Angela Thul</p>	<p>None for the reporting period</p> <p>Illicit Discharge Detection and Elimination (FDOT)</p> <p>None for the reporting period</p>
<p>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</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>Violation Notice</p>	<p>Code Enforcement</p>	<p>None for the reporting period</p>
<p>Part III.A.7.d</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>Spill Prevention & Response Log</p>	<p>19</p> <p>0</p>	<p>Sign in Sheet</p> <p>Sign in Sheet</p>	<p>Public Works Department Angela Thul</p> <p>Public Works</p>	<p>Pollution Prevention for MS4's</p> <p>None for the reporting period</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
	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.	1	Sign in Sheet	PBC Steering Committee Meeting	Public works Angela Thul
	Personnel trained	0	Sign in Sheet	PBC Steering Committee Meeting	None for the reporting period
	Contractors trained				
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				
	Neighborhood presentations: Number conducted	1	Media on website July 4th	Public Works	Catch basins
	Public displays (e.g., kiosks, storyboards, posters, etc.)	1	Village Website	Village Webmaster	Updated information also has contact number for Environmental Concerns

-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.f	<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>				
	<p>Public displays (e.g., kiosks, storyboards, posters, etc.)</p>	1	Village Digital Sign	Public Works Department Angela Thul	"Please keep everything away from stormwater structures."
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>		Village of Palm Springs	Lanzo Lining Services & Lanzo Trenchless	No activity was done this year
	<p>Activity to reduce/eliminate SSOs and I&I: Repair / lining of sanitary sewer system</p>	0	Utilities Department	VPS Utilities Permit	Number of residences paid for new water/
	<p>Activity to reduce/eliminate SSOs and I&I: Septic systems removed</p>	37		Code Enforcement	

-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
	SSO incidents discovered			1	Wastewater Spillage Report	Utilities Department	wastewater service All reported to Palm Beach County Health Department and FDEP
	SSO incidents resolved			1	Wastewater Spillage Report	Utilities Department	All reported to Palm Beach County Health Department and FDEP
	Inflow / infiltration incidents discovered			0	Wastewater Spillage Report	Utilities Department	There were no incidents during this period
	Inflow / infiltration incidents resolved			0	Wastewater Spillage Report	Utilities Department	There were no incidents during this period
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: The Village currently has a local ordinance in place to encourage the elimination of septic systems.						
	Limitations: Expenses necessary by property owner to fund the conversion.						
	SWMP Revisions implemented to address limitations: There are finance options in place to help the property owner with the process and associated cost.						
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	Superfund (CERCLIS) printout from EPA website	Public Works	None located in the Village
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	0	0	Superfund (CERCLIS) printout from EPA website	Public Works	None located in the Village

-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
	EPCRA Title III, Section 313 facilities (TRI)	0	Toxics Release Inventory (TRI) printout from EPA website	Public Works	None located in the Village
	Facilities determined as high risk by the permittee	0	Superfund (CERLIS) printout from EPA website	Public Works	None located in the Village
Part III.A.8.b	Industrial and High-Risk Runoff — Staff continually monitoring for High-Risk Industries				
	Report the number of high-risk facilities sampled.				
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	0	Photo	Public Works	None found
Part III.A.8 Summary	Strengths: N/A				
	Limitations: N/A				
	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	0	Application	Planning, Building and Zoning	Through the department process
	PERMITTEE SITES: Construction site plans approved	0	Sign and stamped	Planning, Building and Zoning	Through the department process
	PRIVATE SITES: Construction site plans reviewed	6	Civil, Site or Building Plans	Planning, Building and Zoning	Through the department process
	PRIVATE SITES: Construction site plans approved	6	Civil, Site or Building Plans	Planning, Building and Zoning	Through the department process
	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	Letter	Engineering Contractor	
	Confirmed ERP coverage	0	SFWMD Permit	SFWMD	
	Notified of CGP stormwater permit requirements	1	Letter	Engineering Contractor	

-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
	Confirmed CGP coverage	1	DEP Permit	DEP	874 S. congress
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.				
	<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>	<p>0</p> <p>0</p> <p>0</p> <p>2</p> <p>8</p> <p>100%</p> <p>0</p>	<p>Listing</p> <p>Inspection Forms</p> <p>Inspection Forms</p> <p>Construction Site Inspection Form</p> <p>Construction Site Inspection Form</p> <p>Inspection Forms</p> <p>Violation Red Tag</p>	<p>Planning, Building and Zoning</p> <p>Planning, Building and Zoning</p> <p>Planning, Building and Zoning</p> <p>Public Works Department Angela Thul</p> <p>Public Works Department Angela Thul</p> <p>Code Enforcement</p> <p>Code Enforcement/ Building Official</p>	<p>Through the department process</p> <p>No Active Sites</p> <p>3040 Lillian Rd. and 2755 10th Ave. N.</p> <p>3040 Lillian Rd. and 2755 10th Ave. N.</p> <p>In Compliance</p>
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	3	1	DEP Erosion Sediment Control Inspector Training	Angela Thul May 27 & 28 2014 & 2019. Tim Crespo & Ed Horton October 24 & 25, 2018
	Permittee construction site plan reviewers	0	Sign in Sheet	FDEP Certified Trainer, coordinated by Steering Committee	No Village of Palm Springs personal participated this report period Revised 9/8/2016

-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 operators			0	Sign in Sheet	FDEP Certified Trainer; coordinated by Steering Committee	No Village of Palm Springs personal participated this report period
Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.							
Part III.A.9 Summary							
Strengths: Sediment control inspections training has been done since 2014.							
Limitations: Outsource inspections for some permit requirements.							
SWMP revisions implemented to address limitations: In house inspections done by utility inspector/project assistant.							

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	
	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	
	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	N/A	N/A	<input type="checkbox"/> / <input type="checkbox"/>	N/A	1	N/A	(Year 3 AR)	(Year 4 AR; N/A if BPCP)
N/A	N/A	N/A	<input type="checkbox"/> / <input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	<input type="checkbox"/> / <input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A

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

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 the time of permit issuance.”

VILLAGE OF PALM SPRINGS

MS4 Permit No. FLS000018-
004

Part V. – Monitoring Requirements Sub-part A. – Assessment 2019-2020

Assessment Program Objective

The purpose of this assessment program is to provide information for the Village of Palm Springs 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.

Assessment Program Components

As required by the MS4 Permit, the following parts make up this Assessment Program:

- A. **A Water Quality Monitoring Plan** – The Village of Palm Springs opted to conduct its own water quality monitoring program. The Village MS4's outfalls discharge into the Lake Worth Drainage District Canals and not directly into the canals being monitored by the Palm Beach County NPDES program.
- B. **A Pollutant Loading Estimate Plan** – The pollutant loading exercise is to estimate the Pollutant Loading from the MS4 contributing area, based on land uses and BMPs
- C. **An Evaluation and Response Plan** – The response plan is the plan of action to be taken based on the results from A. and B. and will be used to:
 1. evaluate trends in pollutants loading from the MS4
 2. evaluate trends in water quality (of discharge from the MS4)
 3. identify portions of the MS4 to be targeted for loading reduction/corrective action

Part A – Water Quality Monitoring Plan

The Village of Palm Springs has decided to do its own sampling, at selected locations throughout the Village on a biannually basis.

Monitoring Locations/Sample Points

Based on the location of the outfalls of our MS4, eight (8) sample points have been established. The following table identifies these monitoring stations, along with relevant information about each location. A map showing the locations of the sample points is at the end of the monitoring assessment plan on the final page.

Table 1 - MS4 Sample Points Table

Monitoring Station Number	Location Description	Latitude/ Longitude	Receiving Water Body	Verified Impaired ?	Adopted TMDL?
SP #1	LWDD Canal L8 and Kirk Road	26°38'52.03"N 80° 6'15.63"W	C-51 Canal below Lake Clarke	No	No

SP #2	Intersection of LWDD Canal L9 and Kirk Road	26°38'24.99"N 80° 6'15.77"W	C-51 Canal below Lake Clarke	No	No
SP #3	Intersection of LWDD Canal L10 and Kirk Road	26°37'58.31"N 80° 6'16.90"W	C-51 Canal below Lake Clarke	No	No
SP #4	Intersection of LWDD Canal L11 and Kirk	26°37'31.52"N 80° 6'17.63"W	C-51 Canal below Lake Clarke	No	No
SP #5	Intersection of LWDD Canal L8 and Prairie Road	26°38'49.29"N 80° 5'2.22"W	C-51 Canal below Lake Clarke	No	No
SP #6	Intersection of LWDD Canal L9 and Prairie Road	26°38'22.39"N 80° 5'3.26"W	C-51 Canal below Lake Clarke	No	No
SP #7	Intersection of LWDD Canal L10 and Congress Avenue	26°37'56.31"N 80° 5'19.54"W	C-51 Canal below Lake Clarke	No	No
SP #8	Intersection of LWDD Canal L11 and Congress Avenue	26°37'29.65"N 80° 5'20.68"W	C-51 Canal below Lake Clarke	No	No

Sampling Method

Sample Point SP #1 – SP #8

Village of Palm Springs staff collect samples biannually in-situ. Collected samples will be transferred to and analyzed by an independent laboratory under contract with the Village. Samples will be collected, preserved and stored according to the Florida Department of Environmental Protection Standard Operating Procedures.

Monitoring Parameters

The parameters to be sampled for the sample point SP #1 – SP #8, and that will be used as part of the Village of Palm Spring's Assessment Program, include those shown in the table below.

Table 2 – Sample Point parameters

Monitoring Parameters	Type of Monitoring	Collection Method	Sampling Frequency
Chlorophyll-a (corrected)	Routine	Grab	Biannually
Nitrogen, Total	Routine	Grab	Biannually
Phosphorus, Total	Routine	Grab	Biannually

The locations of the sample point to be used in this Assessment Program, are shown below in [Figure 1](#).

Part B – Pollutant Loading Estimate/Results

The municipal separate storm sewer system (MS4) National Pollutant Discharge Elimination System (NPDES) Cycle 4 permit, issued September 8, 2016, requires in PART V. - Monitoring Requirements that average annual pollutant loading, and event mean concentration (EMC) estimates be provided for six (6) parameters. The six (6) parameters identified are: 1) five-day biochemical oxygen demand (BODs); 2) total copper (Cu); 3) Total nitrogen (TN); 4) total phosphorus (TP); 5) total suspended solids (TSS); and, 6) total zinc (Zn), all in the unit of mg/l . It is assumed by the FDEP that pollutant loading generated within a

watershed flows through MS4 outfalls and directly affects the receiving bodies. An option is provided in the permit to provide the average annual pollutant loading estimates based on major outfalls watersheds. Since the pollutant loading estimates for permit Cycles 1 through 3 were provided on a watershed basis, it was agreed with the FDEP that the Cycle 4 loading estimates would also be provided on a watershed basis. In addition to meeting the requirements of the permit, modeling the average annual pollutant loading generated by a watershed or a MS4's watershed can assist in planning for future improvements in stormwater quality treatment, regulations or stormwater management.

The Village of Palm Springs lies in the C-51 watershed/WIBD 3245F. All stormwater runoff from Palm Springs MS4's which discharges only into Lake Worth Drainage System canals. All six (6) parameters are analyzed and graphed in the Cycle 4, Year 3 'Summary of Average Annual Pollutant Loading Model Activities' report (2019) for all of the watersheds including the C-51 Watershed (See Figures 3-8, pgs. 20-23) prepared by Mock-Roos for the co-permittees reference. Most of the perimeters between the Cycle 3, Year 3 and Cycle 4, Year 3 reporting period within the C-51 watershed.

Pollutant loadings for the Palm Springs MS4 are also reported in the 'Summary of Average Annual Pollutant Loading Model Activities' report cited above. Pollutant loadings for all six (6) parameters are reported for year 2013 (Table 18, p. 31 of the report) and 2018 (Table 19, p. 32 of the report) and, specifically, for the Palm Springs MS4 in Table 1.

Palm Springs has in place stormwater management programs that reduces the nutrient loading into the C-51 watershed/WIBD 3245F. These programs construction site inspections, grass conveyance swales Inspections, wet and dry retentions, public education (Digital sign, annual newsletter, MS4group activities and an adopted Fertilizer Ordinance). The public education component alone allows a further 6% reduction in pollutant loadings as reported in Table 3 below. Table 4 gives the results collected at the 8 sample points in the Village.

Table 3
Pollutant Loadings (lbs/year)
-Village of Palm Springs-
C51 Watershed

Parameter	<u>BODs</u>	<u>TSS</u>	<u>TP</u>	<u>CU</u>	<u>ZN</u>	<u>TN</u>
2013 Load	56,838	296,489	2,810	136	600	28,860
2018 Load	57,320	296,875	2,610	135	595	18,183
Other Reduction						
- Public Education (6% - rounded)	3,439.2	17,812	157	8.1	35.7	1091
Revised 2018 Load	53,881	279,063	2,453	127	559.3	17,092
Percent (%) Reduction	5.2%	5.8%	12.7%	6.6%	6.7%	40.7%

Sources: Tables 18 (p. 31) and 19 (p. 32) of the 'Summary of Average Annual Pollutant Loading Model Activities' report (2019) prepared by Mock-Roos.

Reductions in pollutant loadings for the six (6) parameters in the Palm Springs MS4 indicate significant reductions between 2013 and 2018.

Table 1. 8 Sample Points Results Collected- Village of Palm Springs

ND - Not Detected at or above adjusted reporting limit. Reporting limit is 1.0 mg/m3 for Chlorophyll a.

Date	Location	Chlorophyll a	T. Nitrogen	T. Phosphorus
3/14/2019	Canal 11 & Kirk Rd. (SP #4)	1.0 mg/m3	1.1 mg/L	0.16 mg/L
3/14/2019	Canal 10 & Kirk Rd. (SP #3)	1.0 mg/m3	0.85 mg/L	0.031 mg/L
3/14/2019	Canal 9 & Kirk Rd. (SP #2)	6.2 mg/m3	0.91 mg/L	0.024 mg/L
3/14/2019	Canal 8 & Kirk Rd. (SP #1)	6.1 mg/m3	0.86 mg/L	0.095 mg/L
3/14/2019	Canal 8 & Prairie Rd. (SP #5)	6.9 mg/m3	0.76 mg/L	0.060 mg/L
3/14/2019	Canal 9 & Prairie Rd. (SP #6)	10.7 mg/m3	0.73 mg/L	0.040 mg/L
3/14/2019	Canal 10 & Congress (SP #7)	18.7 mg/m3	0.77 mg/L	0.054 mg/L
3/14/2019	Canal 11 & Congress (SP #8)	27.3 mg/m3	0.94 mg/L	.10 mg/L
Date	Location	Chlorophyll a	T. Nitrogen	T. Phosphorus
9/10/2019	Canal 11 & Kirk Rd. (SP #4)	20.2 mg/m3	1.7 mg/L	0.18 mg/L
9/10/2019	Canal 10 & Kirk Rd. (SP #3)	6.5 mg/m3	0.78 mg/L	0.032 mg/L
9/10/2019	Canal 9 & Kirk Rd. (SP #2)	19.3 mg/m3	0.94 mg/L	0.073 mg/L
9/10/2019	Canal 8 & Kirk Rd. (SP #1)	16.7 mg/m3	1.0 mg/L	0.099 mg/L
9/10/2019	Canal 8 & Prairie Rd. (SP #5)	19.2 mg/m3	0.92 mg/L	0.088 mg/L
9/10/2019	Canal 9 & Prairie Rd. (SP #6)	30.5 mg/m3	0.91 mg/L	0.070 mg/L
9/10/2019	Canal 10 & Congress (SP #7)	18.4 mg/m3	0.78 mg/L	0.054 mg/L
9/10/2019	Canal 11 & Congress (SP #8)	41.6 mg/m3	1.4 mg/L	0.11 mg/L

Annual Geometric mean for Chlorophyll a is 10.64 mg/m3.

Date	Location	Chlorophyll a	T. Nitrogen	T. Phosphorus
04/02/2020	Canal 11 & Kirk Rd. (SP #4)	10.6 mg/m3	1.1 mg/L	0.22 mg/L
04/02/2020	Canal 10 & Kirk Rd. (SP #3)	1.0 mg/m3	2.5 mg/L	0.0058 mg/L
04/02/2020	Canal 9 & Kirk Rd. (SP #2)	1.0 mg/m3	1.2 mg/L	0.042 mg/L
04/02/2020	Canal 8 & Kirk Rd. (SP #1)	1.0 mg/m3	1.1 mg/L	0.091 mg/L
04/02/2020	Canal 8 & Prairie Rd. (SP #5)	1.0 mg/m3	0.74 mg/L	0.058 mg/L
04/02/2020	Canal 9 & Prairie Rd. (SP #6)	1.0 mg/m3	0.77 mg/L	0.048 mg/L
04/02/2020	Canal 10 & Congress (SP #7)	1.0 mg/m3	0.91 mg/L	0.046 mg/L
04/02/2020	Canal 11 & Congress (SP #8)	1.0 mg/m3	1.1 mg/L	0.12 mg/L
Date	Location	Chlorophyll a	T. Nitrogen	T. Phosphorus
10/27/2020	Canal 11 & Kirk Rd. (SP #4)	1.0 mg/m3	1.6 mg/L	0.20 mg/L
10/27/2020	Canal 10 & Kirk Rd. (SP #3)	1.0 mg/m3	1.3 mg/L	0.040 mg/L
10/27/2020	Canal 9 & Kirk Rd. (SP #2)	1.0 mg/m3	1.3 mg/L	0.045 mg/L
10/27/2020	Canal 8 & Kirk Rd. (SP #1)	1.0 mg/m3	1.2 mg/L	0.096 mg/L
10/27/2020	Canal 8 & Prairie Rd. (SP #5)	1.0 mg/m3	0.97 mg/L	0.093 mg/L
10/27/2020	Canal 9 & Prairie Rd. (SP #6)	1.0 mg/m3	1.1 mg/L	0.072 mg/L
10/27/2020	Canal 10 & Congress (SP #7)	25.0 mg/m3	1.0 mg/L	0.092 mg/L
10/27/2020	Canal 11 & Congress (SP #8)	13.6 mg/m3	1.2 mg/L	0.16 mg/L

Annual geometric mean for Chlorophyll a is 1.67 mg/m3.

Part C – Evaluation and Response Plan

Once the Assessment Program is approved by the Florida Department of Environmental Protection, presumably sometime during Year 2 of the permit cycle, the Village of Palm Springs will use data from the sampling performed by the Village as well as the SFWMD. The first annual report on the Assessment Program will be concurrent with the Year 3 Annual Report Form (March 2020).

Water quality monitoring results will be available annually, and the most recent year's data will be compared to that which came before, with respect to our MS4 Intracoastal sample point. A summary of the water quality monitoring data trend graphs, with respect to our MS4 and the group's monitoring station, C51S155, will be contained in the group's Joint Annual Report.

The pollutant loading estimates developed during Year 3 of the permit cycle will be reviewed and adjusted based on the Village's Stormwater Management Programs (litter control, public education, etc.) as appropriate. The effectiveness of the Village's program will be determined based on the two assessments.

When the data is obtained for the pollution load estimates and water quality monitoring data is evaluated, we will make a determination if there is an area of the MS4 that may need further study or supplementary control measures and/ or pollution loads reductions.

Conclusion

With only two years of water quality sampling is inclusive. It may take several years to be able to evaluate any trends. Comparison of water quality data with state standards indicates that the Chlorophyll a values at a few sites, may exceed the 20mg/m³ annual geometric mean criteria. Pollutant Loading estimates for the Village MS4 is showing a to be steady over the last two years, with the annual geometric mean of 10.64 mg/m³ and 1.67 mg/m³ respectively, the loading is the same from 2018. Consequently, there is no need for additional supplemental stormwater management programs. The existing programs are being effective.

Finally, there is an error on the 2019 report, sample point #10 is actually sample point #3.

VILLAGE OF PALM SPRINGS

Sample Points

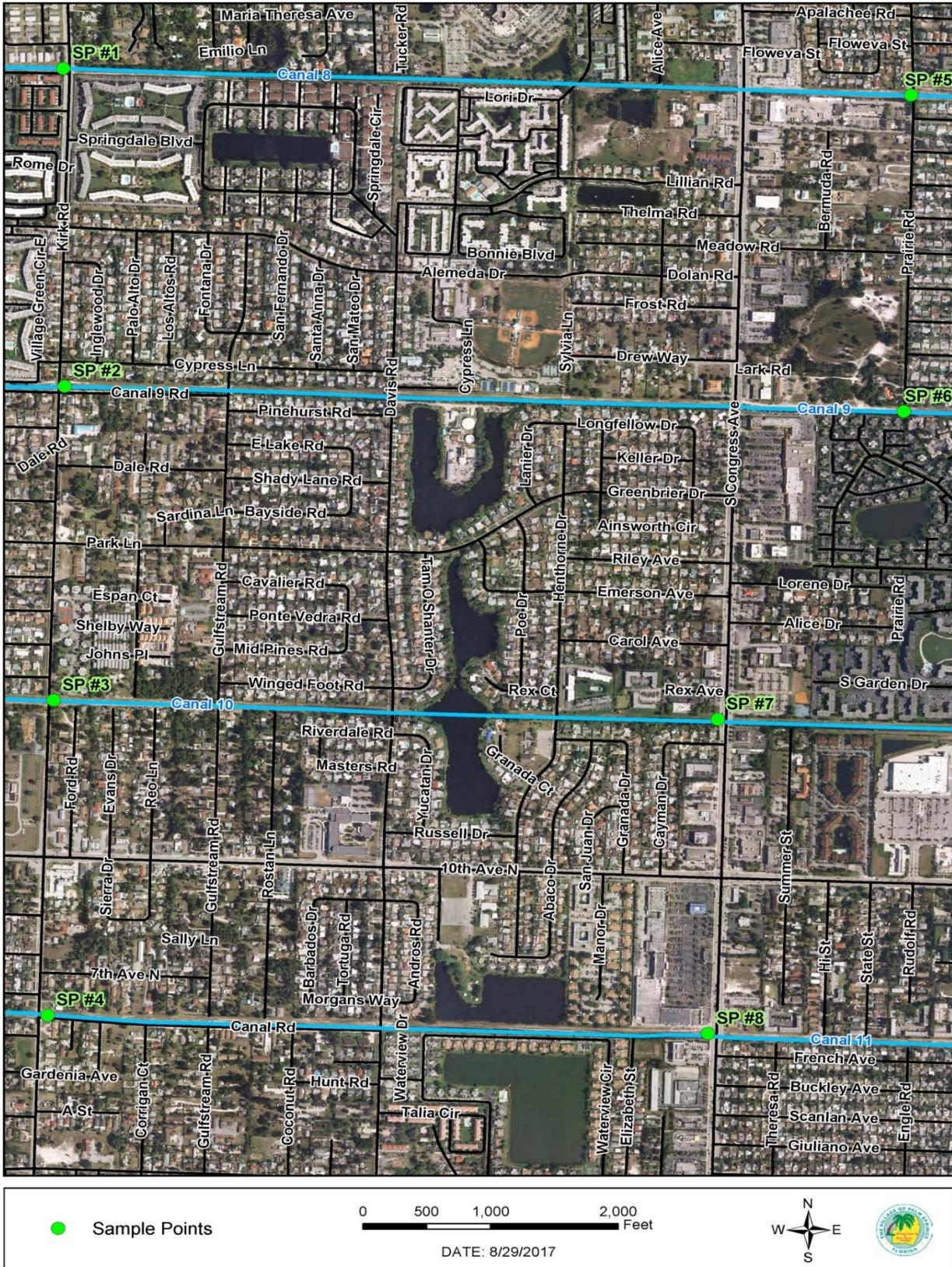
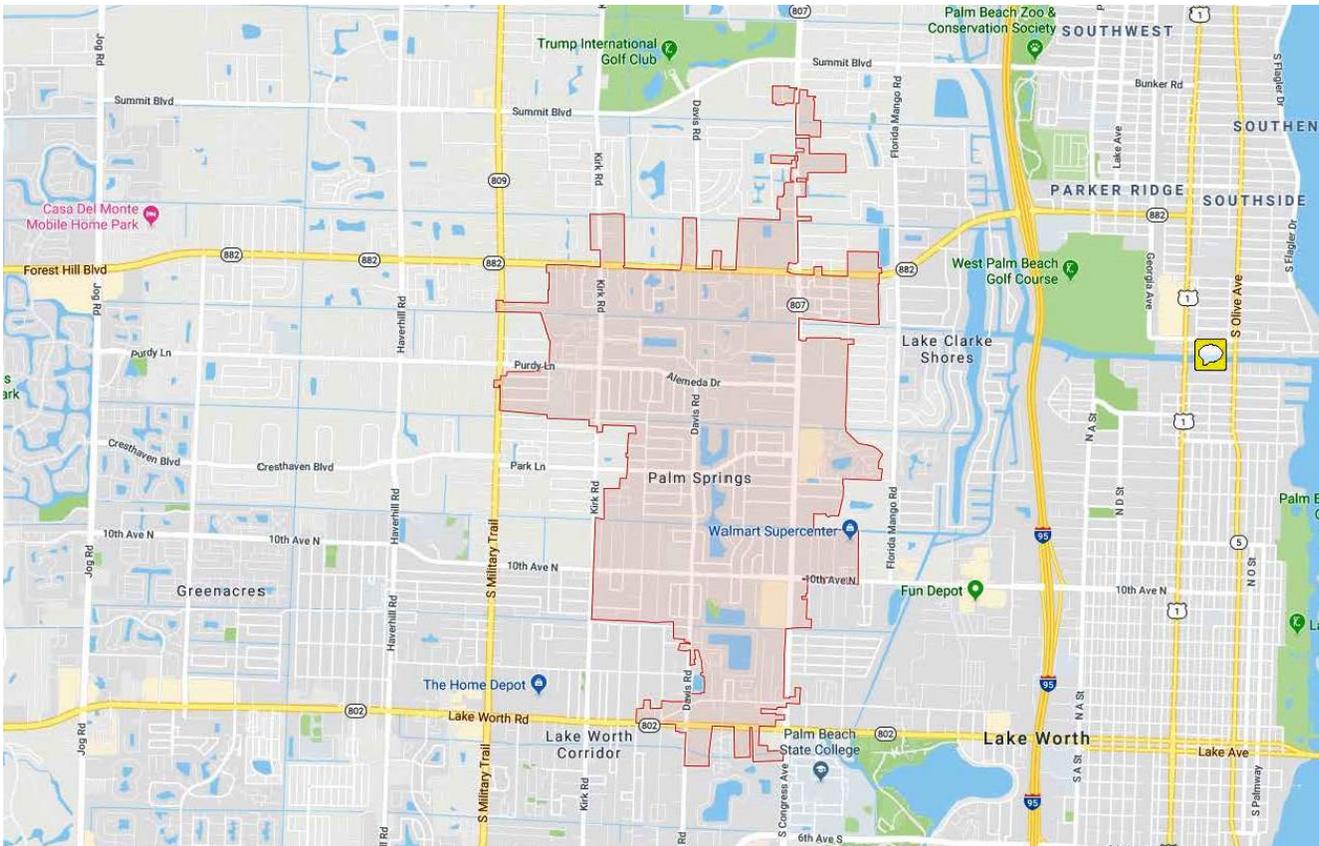


Figure 1. Map of Sample Point locations



Yellow post it is the location of C51S155 – Monitoring Site