

SECTION

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

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.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.

the annual reporting requirements established in Rule 62-621.600, F.A.C.

Please print or type information in the appropriate areas below.

BACKGROUND INFORMATION

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

THE PERSON	HONE: BASKSKOSKE IN SKINATION			
A.	Permittee Name: Town of Jupiter Inlet Color	ıy		
В.	Permit Name: Palm Beach County Municipa	I Separate Storm	Sewer System	1
C.	Permit Number: FLS000018-004			
D.	Annual Report Year: Year 1 Year 2	2 🗌 Year 3	Year 4	Year 5 Other, specify Year:
E.	Reporting Time Period (month/year): Oct. /	2019 through S	ept. / 202	20
	Name of the Responsible Authority: Dr. Da	niel J. Comerford,	III	
	Title: Mayor			
F.	Mailing Address: 50 Colony Road			
Г.	City: Jupiter Inlet Colony	Zip Code: 3346	9	County: Palm Beach
	Telephone Number: 561-746-3787		Fax Number	: 561-746-1068
	E-mail Address: comerfordd@jupiterinletcolo	ony.org		
	Name of the Designated Stormwater Manag	ement Program C	ontact (if differ	rent from Section I.F above):
	Title:			
	Department:			
G.	Mailing Address:			
		7: 0 1		
	City:	Zip Code:		County:
	Telephone Number:		Fax Number:	
	E-mail Address:			
SECT	FION II. MS4 MAJOR OUTFALL INVENTO	ORY (Not Applica	able in Year 1	
A.	Number of outfalls ADDED to the outfall inve (Does this number include non-major outfalls			ar (insert "0" if none): 0 pplicable)
В.	Number of outfalls REMOVED from the outfalls (Does this number include non-major outfalls			ing year (insert "0" if none): 0 pplicable)

Is the change in the total number of outfalls due to lands annexed or vacated?

Yes No 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: The individual Assessment Plan for Jupiter Inlet Colony was approved on June 5, 2019. 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 outfalls is addressed within the Annual Assessment Report documents, provided A. herewith. 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. В. 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. <u>DEP Note:</u> Analysis must be specific to the permittee's SWMP. C. See provided Annual Assessment Report and Permittee's Year 3 Pollutant Loading Report.

SECT	ION IV. FISCAL ANALYSIS
A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$32,632.12
В.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$20,000.00
	Did the current reporting year resources decrease from the previous year? Y ☒ / N ☐
	The JIC Stormwater budget was evaluated and adjusted per actual expenditures post the stormwater infrastructure improvements project. Expenditures exceeded previous fiscal year budget due to efforts related to the FDEP NPDES audit.
c.	If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.
	There is no anticipated impact on the existing stormwater infrastructure due to the complete rehabilitation completed previously. Only routine maintenance and inspections are anticipated.

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): Attachment Attached N/A **Required Attachments Permit Citation** Number/Title Any additional information required to be submitted in this current \boxtimes annual reporting year in accordance with Part III.A of your permit Part III.A that is not otherwise included in Section VII below. An explanation of why the minimum inspection frequency in X Part II.A.1 Table II.A.1.a. was not met, if applicable. A list of the flood control projects that did not include stormwater \boxtimes treatment and an explanation for each of why it did not (if Part III.A.4 applicable). See Joint Annual Report A monitoring data summary as directed in Section III.C above \boxtimes Part V.B.3 and attached and in accordance with Rule 62-624.600(2)(c), F.A.C. Assessment Report YEAR 1 ONLY: An inventory of all known major outfalls and a \boxtimes map depicting the location of the major outfalls (hard copy or CD-Part III.A.1 ROM) in accordance with Rule 62-624.600(2)(a), F.A.C. YEAR 2: A summary review of codes and regulations to reduce X П Part III.A.2 the stormwater impact from development. Year 3 ONLY: The estimates of pollutant loadings and event П \bowtie mean concentrations for each major outfall or each major Part V.A watershed in accordance with Rule 62-624.600(2)(b), F.A.C. M YEAR 3: Summary of TMDL Monitoring Results (if applicable). Part VIII.B.2 X YEAR 3: Bacteria Pollution Control Plan (if applicable). Part VIII.B.3 YEAR 4: A follow-up report on plan implementation of changes to X codes and regulations to reduce the stormwater impact from Part III.A.2 Attachment No. 1 development. YEAR 4: A report on any amendments to the applicable legal П \boxtimes Part III.A.7.a Attachment No. 1 authority (if applicable). YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. The monitoring plan (with revisions, if applicable). Part V.B.3 \boxtimes See Joint Annual Report If the total annual pollutant loadings have not decreased Part V.A.3 over the past two permit cycles, revisions to the SWMP, as \boxtimes 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): Dr. Daniel J. Comerford, III Title: Mayor Date: 2 /23/ 202/

Ctivity Cummer of Activities Operation Conducted for each applicable type of structure included in Table II.A.1.a, and the percent of the	SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	RY TAB	3.E					A MANAGEM TO A STATE OF THE STA	en entre la fattició de la companya de la fattició de la companya de la fattició de la companya de la fattició
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	Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Act	ivity			Number Activiti Perform	es es	Documentation / Record	Entity Performing the Activity	Comments
Report the current known inventory. Report the current and maintained. 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 or the unit of measurement in the documentation. Unit options include: miss linear forces and the percent of the unit of measurement in the documentation. Unit options include: miss linear forces are defined in the percent of the unit of measurement in the documentation. Unit options include in the percent of the unit of measurement in the documentation. The permitties in the unit of measurement in the documentation. The permitties in the unit of measurement in the documentation. The permitties in the unit of measurement in the documentation (in the percent of the percent of the unit of measurement in the documentation (in the percent of the	Part III.A.1	_	eration							
Report the number of inspection and maintenance solvinities conducted for each applicable type of structure inspected and maintenance solvinities conducted for each applicable type of structures that are not in your Value maintenant. Note: Delete structures that are not in your Value maintenant in the documentation. Unit options include: miss, linear feet, leaves, etc. Type of Structure Extitration trench / French drains (ft) Author outfalls Grass treatment swales (miles) Author outfalls Grass treatment swales (miles) Delete may be of the control of the pected o		Report the current known inventory.								
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 or the unit of measurement in the obcumentation. Unit options include miles, inear feet, areas, etc. Type of Structure Type of Structure Type of Structure Type of Structure Authority of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of measurement for each structural control to be or the unit of unit of the unit of unit		Report the number of inspection and maintenance activities co inventory of each type of structure inspected and maintained.	nducted	for each	applical	ole type o	of structu	ıre included in Tab	ile II.A.1.a, and the per	centage of the total
Wumber of Sincernia Aurilia Au		Note: Delete structures that are not in your MS4's inventory. The unit of measurement in the documentation. Unit options in	e permit lude: mi	ttee may iles, line	' choose ar feet, a	its own u icres, etc	ınit of m	easurement for ea	ch structural control to	be consistent with
100 100		Type of Structure				Maintenance	Percent Maintained			
5.6 5 100 0 100 Reports Town Staff Town S										Performed
5.6 5 100 0 100 Inspection Reports Kimley-Horn and/or Town Staff 5 5 100 0 100 Inspection Reports Town Staff 0.42 5 100 0 100 Inspection Reports Town Staff 35 5 100 0 100 Reports Town Staff 100 0 100 Reports Town Staff			4480	വ	100	0	100	Inspection Reports	Kimley-Horn and/or Town Staff	Monthly Inspections of Stormwater
5.6 5 100 0 100 Reports Town Staff 5 5 100 0 100 Inspection Kimley-Horn and/or Reports Town Staff 0.42 5 100 0 100 Inspection Kimley-Horn and/or Reports Town Staff 35 5 100 0 100 Reports Town Staff Town Staff Town Staff Town Staff		Grass treatment swales (miles)								System
5 5 100 0 100 Inspection Kimley-Horn and/or Reports Town Staff 0.42 5 100 0 100 Reports Town Staff 35 5 100 0 100 Inspection Kimley-Horn and/or Reports Compared to Town Staff Town Staff Town Staff			5.6	သ	100	0	100	Inspection Reports	Kimley-Horn and/or Town Staff	Performed Monthly Inspections of Stormwater System
5 5 100 0 100 Inspection Reports Kimley-Horn and/or Town Staff 0.42 5 100 0 100 Reports Town Staff 35 5 100 0 100 Inspection Reports Kimley-Horn and/or Reports 100 100 Reports Town Staff		Major outfalls								Performed
0.42 5 100 0 100 Reports Town Staff 35 5 100 0 100 Reports Town Staff Reports Town Staff Town Staff		•	5	5	100	0	100	Inspection Reports	Kimley-Horn and/or Town Staff	Monthly Inspections of Stormwater System
0.42 5 100 0 100 Reports Town Staff 35 5 100 0 100 Reports Town Staff Town Staff Town Staff		pipes / culverts (miles)							- China - Chin	Performed
35 5 100 0 100 Reports Town Staff			0.42	ĸ	100	0	100	Inspection Reports	Kimley-Horn and/or Town Staff	Monthly Inspections of Stormwater
35 5 100 0 100 Reports Town Staff		Inlets / catch basins / grates								Dorformod
74.00.00.00.00.00.00.00.00.00.00.00.00.00			35	5	100	0	100	Inspection Reports	Kimley-Horn and/or Town Staff	Monthly Mospections of Stormwater System
										All met

DEP Form 62-624.600(2), Effective January 28, 2004

SECTION VII.	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	d			
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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Documentation Entity Performing / Record the Activity	Comments
	explanation of why they were not and a description of the				
	actions that will be taken to ensure that they will be met.				

Revised 9/8/2016	

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	B.	.°C	Ġ	ui	μ <u>.</u>
Permit Citation/ SWMP Element		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	I.B.2 of the permit.			
Part III.A.1 Summary	Strengths: No problem with the overall stormwater/drainage system serving the Town. All structural controls are in good operating condition and recently rehabilitated which requires minimal maintenance at the present time.	he Town. All struc	tural controls are	n good operating co	ndition and
	Limitations: None	- the state of the	The second secon	**************************************	
	SWMP revisions implemented to address limitations: No revisions recommended at this time	ided at this time	The state of the s	7.74.74.74.	
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.	oment, reviewed an	d approved by the p	ermittee for post-devel	opment stormwater
	Number of significant development projects reviewed	0	Building Dept. Records	Town Building Official	None. JIC is only zoned for residential development.
	Number of significant development projects approved	0	Building Dept. Records	Town Building Official	None. JIC is only zoned for residential development.
	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.	ide in the Year 4 Ar	nnual Report the foll	ow-up report on plan ir	nplementation.
	Year 2 ONLY: Attach the summary report of the review activity			in the state of th	
	Provide an evaluation of the Stormworth Management Drown	⊠ S			
Part III A 2	revide an evaluation of the Stoffliwater Mariagement Program according to Part VI.B.2 of the permit.	.B.2 of the permit.			
Summary	Strengths: All redevelopment in the Town has been to single family residences as JIC is not zoned for commercial or industrial development. Limitations: None.	s as JIC is not zor	ned for commercia	or industrial develo	oment.
	SWMP revisions implemented to address limitations: No revisions recommended at this time	ded at this time			The state of the s
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.	timate of the total n	umber of road miles	cleaned or amount of	area covered by
	Note: If the permittee does not contract activities, delete CONTRACTOR activities.				
_	PERMITTEE Litter Control: Frequency of litter collection			The state of the s	Property owners
					are responsible for litter removal
		Daily	Annual Summary	Property Owners	in the swale areas adjacent to
			Report		their properties.
					noted by the Police

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SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					Dept/Kimley- Horn during their routine inspections.
	PERMITTEE Litter Control: Estimated amount of area maintained (If)	15,750	Annual Summary Report	Property Owners	See above.
	PERMITTEE Litter Control: Estimated amount of litter collected (cy)	15	Email	Property Owners	Estimate by JIC made throughout the year by Property Owners
	OP IIONAL: 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".	umber of road mile	s cleaned and an es	stimate of the quantity	of litter collected. If
		0.75	Town Records	Town Staff and Volunteers	An event in April occurred within JIC along the beach.
	I rash Pick-up Events: Estimated amount of litter collected (lbs)	300	Town Records	Town Staff and Volunteers	An event in April occurred within JIC along the
	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.	al miles swept, an e ings. If no street sw	stimate of the quan veeping program is	tity of sweepings colled implemented, provide	cted, and the total the explanation of
	Frequency of street sweeping	Monthly	Invoice	Facilities Pro- Sweep	None
	Total miles swept	2.4	Invoice	Facilities Pro- Sweep	None
	Estimated quantity of sweeping material collected (cy)	24	Invoice	Facilities Pro- Sweep	None
	i otal phosphorous loadings removed (pounds)	20	FSA Spreadsheet	Kimley-Horn	Performed conversion based on PBCO-NPDES calculations
	Total nitrogen loadings removed (pounds)	31	FSA Spreadsheet	Kimley-Horn	Performed conversation based on PBCO-NPDES
	Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility	activities, and the	number of inspectio	ns conducted for each	facility.

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
	Name of Facility	Number of Inspections			
	No maintenance yards are within JIC Town limits	0	JIC Records	Town Staff	No maintenance yards are within JIC Town limits
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	B.2 of the permit.			
Part III.A.3 Summary	Strengths: Only local residential streets are within the Town and only require minor maintenance on an as needed basis. Litter control and clean-up are the responsibility of the property owners.	ninor maintenanc	e on an as needed	basis. Litter control	and clean-up are
	SWMP revisions implemented to address limitations: No revisions recommended at this time.	led 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 was not included with an explanation for each of why it was not.	ee during the repor stormwater treatm	ting period and the ent was not include	number of those project with an explanation f	ots that did NOT or each of why it
	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.	on of retrofitting pr	jects to reduce sto	mwater pollutant loads	s from existing
	Flood control projects completed during the reporting period				No flood control
		0	JIC General Ledger Activity	Town Staff	projects completed during the reporting period.
	Flood control projects completed that did <u>not</u> include stormwater treatment	0	JIC General Ledger Activity	Town Staff	No flood control projects completed during the reporting period.
	Sformwater retrofit projects planned/under construction	0	JIC General Ledger Activity	Town Staff	No stormwater projects planned during the reporting vear
	Stormwater retrofit projects completed	0	JIC General Ledger Activity	Town Staff	No stormwater retrofit projects completed during this reporting
	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.		JIC General Ledger Activity	Town Staff	yeal.
Part III.A.4	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit	3.2 of the permit.			

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
Summary	Strengths: No flood control projects were completed during this reporting period.	riod.			
	Limitations: N/A	**************************************			
	SWMP revisions implemented to address limitations: N/A	TOTAL CONTROL OF THE PARTY OF T	The state of the s		
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit	IN NPDES Stormwa	iter Permit		
	Report the applicable facilities and the number of the inspections conducted for each facility.	h facility.	A CANADA CAN		
	Name of Facility	Number of Inspections			
	None	0	JIC limits per PBC property appraiser.	Town Staff	JIC has no Municipal Waste Facilities
	Provide an evaluation of the Stormwater Management Program according to Bart VI B 2 of the sounding	B 2 of the pormit			
1 1 6	מיני מיני מיני מיני מיני מיני מיני מיני	. D. & OI UIE PEIIIII.			
Part III.A.5	Strengths: The Town does not utilize TSD facilities.				
oummary	Limitations: N/A				
	SWMP revisions implemented to address limitations: N/A, the Loxahatchee River District is responsible for the Town WW Utility	iver District is resp	onsible for the Tov	wn WW Utility	
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	oplicators of pesticid	es and herbicides w	ho are FDACS certified	d / 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.	n Industry BMP Proc	ıram and the numbe	r of contracted comme	rcial applicators of
	CONTRACTORS: FDACS commercial applicators of posticidas/ harbicidas				
		~	FDACS License	FDACS	FY19/20 log from Emerald
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer				FY19/20 log from
		•	FDACS License	FDACS	Emerald Gardens
	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.	sion is not applicable	e because the permi	ittee is not within the w	atershed of a
	Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance				
	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).	red by the permittee er of activities condu	within the permittee acted, the type and r	's jurisdiction to encou number of materials dis	rage citizens to stributed, and the
	Public Education and Outreach Program	The public outreac Palm Beach Count	h and education plan by Co-permittees. Plant the public education	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 outcook is to see all the public peducation and outcook is to see all the public peducation and outcook is to see all the public peducation and outcook is the public peducation and outcoo	nt effort by the ach County Joint
		Aillidal Nepolt 101	ure public education	arid outreach informat	ion.

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.	.B.3 of the permit.			
Summary	Strengths: Pesticide fertilizer is not performed by personnel and contracted out. The Town has adopted a fertilizer ordinance. Limitations: None	ut. The Town has	adopted a fertilize	ordinance.	
	SWMP revisions implemented to address limitations: None at this time.	The state of the s	#14#7		
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures	rcement Measures			
	Report amendments in Year 4.				
	Year 4 ONLY: Attach a report on amendments to applicable legal authority	×			to door
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal	scharges and/or In	nproper Disposal		See allacifed.
	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.	ducted by the permi	ittee, the number of	illicit activities found, a	ind the number
	Proactive inspections for suspected illicit discharges		Oustorly		***************************************
		જ	Quarterly NPDES Inspection	Kimley-Horn and/or Town Staff	None
			Report		
	micit discharges found during a proactive inspection	1	Quarterly	Kimley-Horn and/or	
		ɔ	Inspection		None
	NOV/WL/citation/fines issued for illicit discharges found during proactive		Orienterly	Kimley Hern and/or	
	inspection	c	NPDES	Town Staff	
		>	Inspection Report		None
	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 illicit activities found, and the number and type of enforcement actions taken.	suspected illicit disc	harges, including the orcement actions ta	ie number of reports reciken.	ceived, the
			Quarterly	Kimley-Horn and/or	
	Reports of suspected illicit discharges received	0	NPDES	Town Staff	au cN
			Inspection Report)
			Quarterly	Kimley-Horn and/or	
	Reactive investigations of reports of suspected illicit discharges etc.	0	Inspection	Town Staff	None
			Кероп		
	Illicit discharges etc. found during reactive investigation	0	Quarterly	Kimley-Horn and/or Town Staff	200
			Inspection Report		ט ב
	NOV/VVL/Citation/fines issued for illicit discharges etc. found during reactive investigation	0	Quarterly	Kimley-Horn and/or Town Staff	None
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SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
Α.		C.	D.	Ľ	L.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
			Inspection Report		
	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.	tractors trained (bo	th in-house and out	side training) within the	e reporting year.
	Personnel trained	3	JIC Training Sign in Sheet	Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and 6/22/2020
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.	addressed.			
	Hazardous and non-hazardous material spills responded to	0	JIC Records	Town Staff	None
	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.	tractors trained (bo	th in-house and out	side training) within the	e reporting year.
	Personnel trained	ဇ	JIC Training Sign in Sheet	Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and 6/22/2020
	Contractors trained	ю	JIC Training Sign in Sheet	Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and
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).	ed by the permittee the type and numb	within the permitte er of activities cond	e's jurisdiction to encol lucted, the type and nu	urage the public mber of materials
	Public Education and Outreach Program	The public outread Palm Beach Coun Annual Report for	th and education plants to Co-permittees. Fithe public education	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 and outreach information.	oint effort by the each County Joint
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control	ous Waste Contro	10		
	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).	ed by the permittee ind number of activ site visits (if applic	within the permitter ities conducted, the able).	e's jurisdiction to encor type and number of m	urage the proper naterials distributed,
	Public Education and Outreach Program	The public outreach and education probabilities. Annual Report for the miblic education	th and education plants by Co-permittees. Fifthe public education	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 reducation and outreach information.	oint effort by the each County Joint
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage	je			TOTI.
	Report on the type and number of activities undertaken to reduce or eliminate SSOs and influration, the number of SSOs or inflow / influration 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.	and inflow/ infiltration thin the permittee's	on, the number of S jurisdiction. Repor	SOs or inflow / infiltrati t only the SSOs and in	on incidents found flow / infiltration
	Owner of the sanitary sewer system Activity to reduce/eliminate SSOs and I&I: (description)	0	Loxahatchee F	Loxahatchee River District (LRD) orEAM (LRD	WW Utility taken
			T		()

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
Ä	. B.		ပ	D.	ű	.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	3 4 g	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
				activity Tracker)		care of by LRD
	Activity to reduce/eliminate SSOs and I&I: (description)	(u	0	InforEAM (LRD activity Tracker)	LRD	WW Utility taken care of by LRD
	SSO incidents discovered	70	0	InforEAM (LRD activity Tracker)	LRD	WW Utility taken care of by LRD
	SSO incidents resolved	p	0	InforEAM (LRD activity Tracker)	LRD	WW Utility taken care of by LRD
	Inflow / infiltration incidents discovered	p	0	InforEAM (LRD activity Tracker)	LRD	WW Utility taken care of by LRD
	Inflow / infiltration incidents resolved	D	0	InforEAM (LRD activity Tracker)	LRD	WW Utility taken
1	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	nagemen	Program	occording to Part VI.I	3.2 of the permit.	
Part III.A./ Summary	Strengths: No illicit discharges or improper disposal reported during the permit year. Town personnel has been trained	ermit year	. Town pe	rsonnel has been t	ained.	
•	SWMP Revisions implemented to address limitations. None at this fime					
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections	e for lace	oneione.			
	Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities nowly added controls.	hiah risk f	acilities and	the number of facili	dood booker shired soil	x (
	Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.	ections co	nducted ar	d the number and ty	iles ilewiy auueu eacii y pe of enforcement actio	ear. ns taken.
	Type of Facility	Facilities Number of	Inspections Enforcement			
	Operating municipal landfills 0	0	0	FDEP Solid Waste Facility	Town Staff	No Landfills
	Hazardous waste treatment, storage, disposal and recovery 0 (HWTSDR) facilities	0 0	0	EPA RCRAInfo Search	Town Staff	No HWT SDR facilities
	EPCRA Title III, Section 313 facilities (TRI) 0	0 (0	EPA TRI Database	Town Staff	No TRI facilities
	Facilities determined as high risk by the permittee 0	0	0	JIC Records	Town Staff	No HR facilities
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries					
	Report the number of high risk facilities sampled.					
	High risk facilities sampled		0	EPA RCRAInfo, EPA TRI database	Town Staff	No HDR Facilities

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SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	¢	4		
Permit Citation/ SWMP Element	Permit Requirement/Qu	Number of Activities Performed	Documentation / Record	E. Entity Performing the Activity	F. Comments
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	B.2 of the permit.			
Part III.A.8 Summary	Strengths: No high risk facilities in the Town Limitations: None				
	SWMP revisions implemented to address limitations: None.			The second secon	
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices	st Management F	ractices		
	Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.	tormwater, erosior	n, and sedimentation	controls, and the num	ıber approved.
	PERMITTEE SITES: Construction site plans reviewed	0	Building Dept. Records	Town Building Official	None.
***************************************	PERMITTEE SITES: Construction site plans approved	0	Building Dept. Records	Town Building Official	None.
					New construction/rem odels of
	PRIVATE SITES: Construction site plans reviewed	16	Building Dept. Records	Town Building Official	residential properties were approved. No
					commercial or industrial areas exist within the
					New
					construction/rem odels of
	PRIVATE SITES: Construction site plans approved	16	Building Dept. Records	Town Building Official	properties were
					commercial or industrial areas exist within the
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				l own.
	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.	truction sites, inclu of active constructi	ding the number of ion sites inspected,	active construction site and the number and ty	s during the pe of enforcement
	PERMITTEE SITES: Active construction sites	_	Inspection Reports	Kimley-Horn and/or Town Staff	Construction of guard shack at
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	0	Inspection Reports	Kimley-Horn and/or Town Staff	None
			Keports	lown Staff	

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
Α.	B .	ပံ). D.	wi	<u>u</u>
Permit Citation/ SWMP Element		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	PERMITTEE SITES: Percentage of active construction sites inspected	0	Inspection Reports	Kimley-Horn and/or Town Staff	None
	PRIVATE SITES: Active construction sites				New
		20	Inspection Reports	Kimley-Horn and/or Town Staff	construction/rem odels of residential properties were inspected. No
					commercial or industrial areas exist within the Town.
	PRIVATE SITES: Pre., During, and Post inspections of active construction sites for E&S and waste control BMPs	49	Inspection Reports	Kimley-Horn and/or Town Staff	Same as above.
	PRIVATE SITES: Percentage of active construction sites inspected	100	Inspection Reports	Kimley-Horn and/or Town Staff	Same as above.
	Enforcement Action	0	Inspection Reports	Kimley-Horn and/or Town Staff	None
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).	d site operators tra	ined (both in-house	and outside training).	
·	DEP Certification	Annual Training			
****	Permittee construction site inspectors	ო	JIC Training Sign in Sheet	Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and 6/22/2020
	Permittee construction site plan reviewers	~	JIC Training Sign in Sheet	Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and 6/22/2020
				Kimley-Horn and/or Town Staff	Virtual training on 6/18/2020 and 6/22/2020. All construction in
	Permittee construction site operators	0	JIC Training Sign in Sheet		Serice It is serice Residential. Town has training materials
					available should contractors require.

SECTION VII.	SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	Marine and the facilities of t			
A.	В,	°C.	Ö	ui	Ŀ
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.	B.2 of the permit.			
Part III.A.9	Strengths: This SWMP section assures that regulations are set in place to ensure appropriate measures are taken to control erosion and sediment	ure appropriate m	neasures are taken	to control erosion and	l sediment
Summary	at all costs, especially with the new stormwater system in place.	MS4 Waterways	could lead to issue	s that the Town is att	empting to avoid
	Limitations: None			- TANANA	THE PROPERTY OF THE PROPERTY O
	SWMP revisions implemented to address limitations: None at this time.		7,177,177,177		

SEC	TION VIII. CHANG	SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable in Year 4)
٨	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.
		NA
- 1	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)
i i		N/A

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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.

)					
Ä	WBID	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		1000000	0/0		-		(Year 3 AR)	(Year 4 AR; N/A) if BPCP)
	A/A	Control of the Contro							1000
	YEAR 3 an TMDL wate	d annually thereafter or body during the reg	r, provide a summan, porting period and cu	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.	d reductions that hav	e occurred for the poral SWMP was impler	ollutant(s) of concern mented.	being discharged fro	m the MS4 to the
	Year 3: Sut	omit a Monitoring dat	Year 3: Submit a Monitoring data summary or BPCP (if applicable).	o (if applicable).		-			
į.	Year 4: Sut	omit a Supplemental	Year 4: Submit a Supplemental SWMP (if applicable).	·(e					
ď	WBID	Pollutant of Concern	Monitoring Summary / BPCP Submitted	Supplemental SWMP Submitted	Ğ.	rojected load reduc	Projected load reductions OR Actual load reductions to date	d reductions to dat	o,
	N/A		(Year 3 AR)	(Year 4 AR; N/A if BPCP)					
	N/A				**************************************		establish distribution of the state of the s		
	N/A				The state of the s	The state of the s			
ပ	Provide a b	rief statement as to t	Provide a brief statement as to the status of TMDL implemen	mplementation accord	ling to Part VIII.B of t	he permit (e.g. statu	tation according to Part VIII.B of the permit (e.g. status of monitoring to validate WLA):	date WLA):	
			:)		

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



TOWN OF JUPITER INLET COLONY MS4 Permit No. FLS000018-004 Water Quality Monitoring Assessment Report

PURPOSE

This assessment report provides information for the Town of Jupiter Inlet Colony (the Colony) 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 REPORT COMPONENTS

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

- A. A Water Quality Monitoring Plan The water quality monitoring plan is intended to identify local sources where urban stormwater is adversely affecting surface water resources
- B. A Pollutant Loading Estimate Plan The pollutant loadings and results are reported and discussed.
- 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 identify portions of the MS4 to be targeted for loading reduction/corrective action.

PART A - WATER QUALITY MONITORING PROGRAM

Currently, the Colony uses the ambient water quality data obtained through the Loxahatchee River District (LRD) for monitoring purposes as it is located within the Loxahatchee River watershed. The LRD Ecological Laboratory is certified through the National Environmental Laboratory Accreditation Program (NELAP). All samples are collected and analyzed within the parameters of NELAP's requirements. Once the data is analyzed, it is available to the public through LRD's online database, River Keeper. This data is the primary monitoring approach utilized by the Colony.

In addition to monitoring water quality through sampling stations, the Colony proactively performs quarterly visual inspections of control structures, including the 5 stormwater outfalls, for any indication of illicit discharges or structural impairments.

MONITORING LOCATIONS

As shown in Figure 1, LRD's monitoring stations 10 and 20 are geographically located north of S. Beach Road, and just south of the peninsula. The Wildpine Ecological Laboratory collects data monthly for station 10 and bi-monthly for station 20. Table 1 identifies these monitoring stations, along with relevant information about the location.

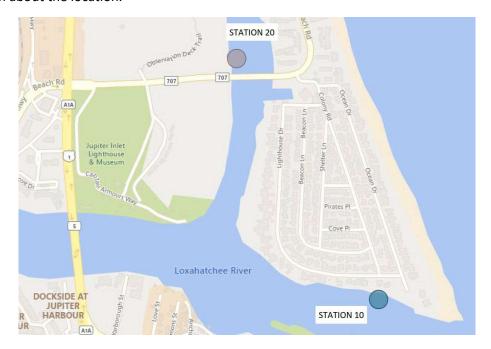


Figure 1: Monitoring Station Locations

Table 1: MS4 Monitoring Stations

Monitoring Station Number	Location Description	Latitude / Longitude	Туре	Watershed WBID
10	Jupiter Inlet	26.945345 - 80.073821	Marine	Lox
20	ICW - SR 707	26.953161 - 80.079006	Marine	ICWW

MONITORING RESULTS

FDEP's primary concern of the stormwater permitting program is related to nutrients and their impact on the stormwater system. The Colony has analyzed the data collected by LRD and developed a 10-year trend to evaluate the nutrient levels. Specifically, Total Nitrogen (TN), Total Phosphorus (TP) and Chlorophyll-A (a surrogate for nutrient enrichment) are analyzed and evaluated below.

Total Nitrogen (TN) and Total Phosphorus (TP) has criteria of less than or equal to 0.63 mg/l and less than or equal to 0.032 mg/l, respectively. Chlorophyll-A has criteria of less than or equal to 1.8 ug/l. Based on data collected from the LRD Lab, water quality monitoring results for the last 10 years (2010-2019) for both station 10 and station 20 have been provided in Tables 2 - 7 for TN, TP, and Chlorophyll-A.

Table 2: Station 10 AGM Total Nitrogen Concentration

	Station 10	Station 20
Year	TN (mg/L)	TN (mg/L)
2010	0.24	0.24
2011	0.28	0.27
2012	0.20	0.21
2013	0.20	0.20
2014	0.21	0.21
2015	0.20	0.21
2016	0.26	0.29
2017	0.21	0.24
2018	0.27	0.25
2019	0.29	0.27

Table 3: Station 20 AGM Total Phosphorus Concentration

	Station 10	Station 20
Year	TP (mg/L)	TP (mg/L)
2010	0.01	0.02
2011	0.01	0.01
2012	0.01	0.01
2013	0.01	0.01
2014	0.01	0.01
2015	0.01	0.01
2016	0.01	0.01
2017	0.01	0.02
2018	0.02	0.01
2019	0.01	0.01

Table 4: Station 20 AGM Total Chlorophyll A Concentration

Year	Station 10	Station 20
	CHL A (ug/L)	CHL A (ug / L)
2010	1.28	1.85
2011	1.12	1.83
2012	1.22	1.98
2013	1.07	1.17
2014	1.59	1.71
2015	1.76	2.20
2016	1.55	2.39
2017	1.68	1.97
2018	1.94	1.88
2019	1.00	1.68

NUTRIENT TRENDS

To evaluate the nutrient trends, the data collected by LRD was plotted using a trendline to provide a graphical representation of the change over time. The following are our findings:

• Station 10 Assessments

- The 10-year trends demonstrate an increase in total nitrogen and chlorophyll-A with a mostly stagnant trend in total phosphorus.
- o Total nitrogen samples from 2017–2019 illustrated increasing readings.
- Total phosphorus samples from 2015–2019 illustrated decreasing readings, with an anomaly in 2018.
- Chlorophyll-A samples from 2017–2019 illustrated varying readings, ending with a tenyear low in 2019

• Station 20 Assessments

- The 10-year trends demonstrate an increase in total nitrogenand chlorophyll-A with a decreasing trend in total phosphorus.
- Total phosphorus samples from 2017–2019 illustrated decreasing readings.
- o Chlorophyll-A samples from 2016–2019 illustrated slightly decreasing readings.

Though a portion of the 10-year trends show increasing values, the trend lines for TP and TN are under the state water quality standards. The trend for Chlorophyll-A shows above the state water quality standard. The Colony completed construction of the Jupiter Inlet Colony Neighborhood Rehabilitation Project in late 2017 which converted the entire neighborhood from individual septic tanks to a collection system in addition to significant stormwater drainage improvements (e.g. exfiltration trenches). Given these extensive efforts, it is assumed the nutrient trends are more a representation of the collective loadings from all the Loxahatchee River contributors rather than just the Colony. The Colony does expect future reductions in nutrient loading not only from the neighborhood infrastructure improvements, but also from public education, newly enforced town ordinances, and implementation of various BMPs. This anticipated reduction is represented in Table 5 in the following section.

It should be noted any spikes in the data collected between 2016-2017 were likely caused from the significant land disturbances resulting from the construction efforts.

PART B - POLLUTANT LOADING ESTIMATES/RESULTS - PROVIDED DURING YEAR 3

The Town of Jupiter Inlet Colony lies in the Loxahatchee River watershed. The pollutant loading data related to the Loxahatchee River will be used to represent the Colony. All six (6) parameters are analyzed and graphed in the Cycle 4, Year 3 Summary of Average Annual Pollutant Loading Model Activities Report prepared by Mock-Roos in 2019 for reference by the co-permittees. Included in this report are analysis of all watersheds, including the Loxahatchee River Watershed (See Figures 3-8, pgs. 20-23). All parameters

indicate decreases between the Cycle 3, Year 3 and Cycle 4, Year 3 reporting period within the Loxahatchee River watershed.

Pollutant loadings for the Colony's 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 and 2018 (Table 25, p. 38 of the report) and, specifically, for the Town of Jupiter Inlet Colony MS4 below in Table 5.

The Town of Jupiter Inlet Colony has in place stormwater management programs that reduce the nutrient loading into the Loxahatchee River watershed. In addition, the Colony completed its neighborhood-wide septic to sewer conversion with the stormwater management improvements. These programs include maintenance of conveyance swales, catch basins, and public education utilizing brochures and flyers for public distribution, MS4 group activities and an adopted Fertilizer Ordinance. The public education component alone allows a further 6% reduction in pollutant loadings reported in Table 5 below. All public outreach material is available either on the Colony's website or in Town Hall for the public.

TSS Parameter BOD₅ <u>TP</u> CU TN ZN **2013 Loads** 2763 12226 256 8 29 6889 **2018 Loads** 1990 7207 101 19 802 5 **Other Reduction** (Less 6%, rounded, (119)(432)(6) (.3)(1) (48)per public education) **Total Amount** 1871 6775 95 5 18 754 **Percent Reduction** 32% 45% 63% 41% 38% 89%

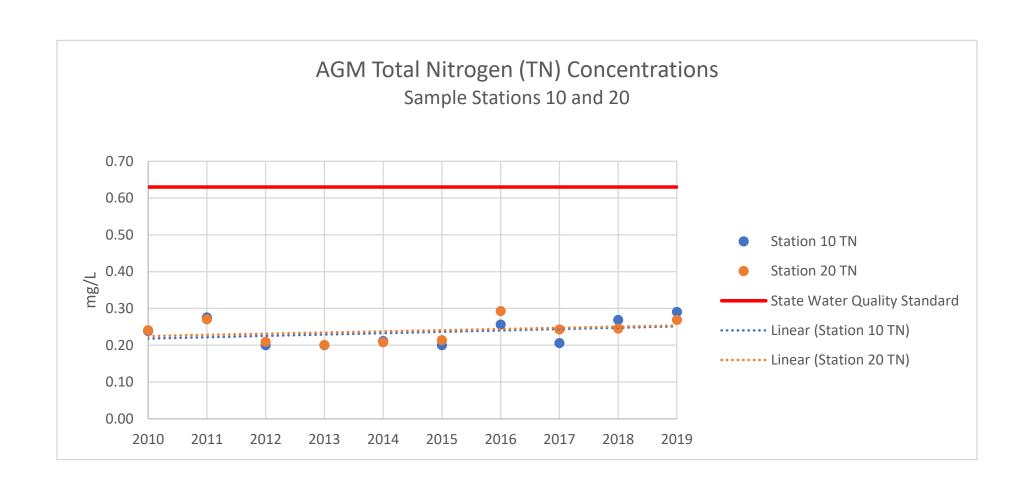
Table 5: Pollutant Loadings (lbs/year) Town of Jupiter Inlet Colony, Loxahatchee River

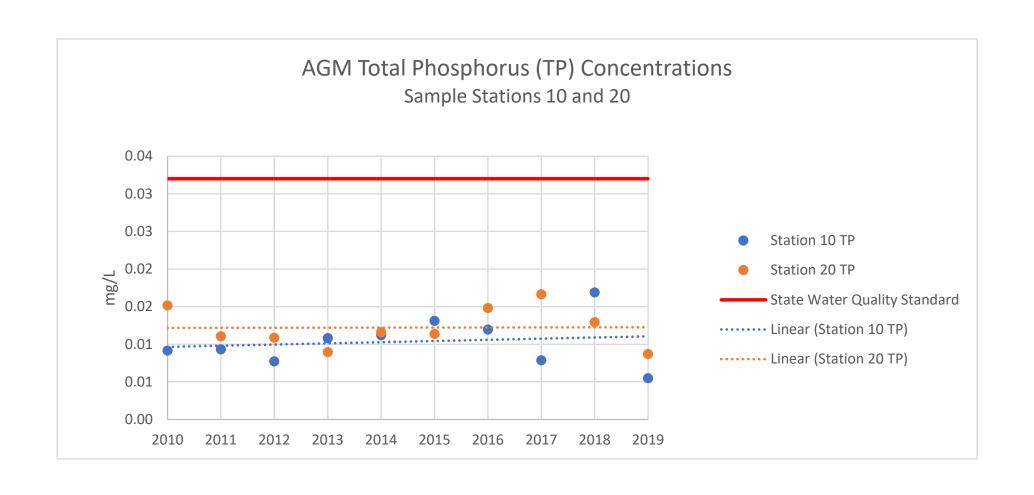
Sources: Table 25 (p.38) of the "Summary of Average Annual Pollutant Loading Model activities" Report (2019) by Mock-Roos.

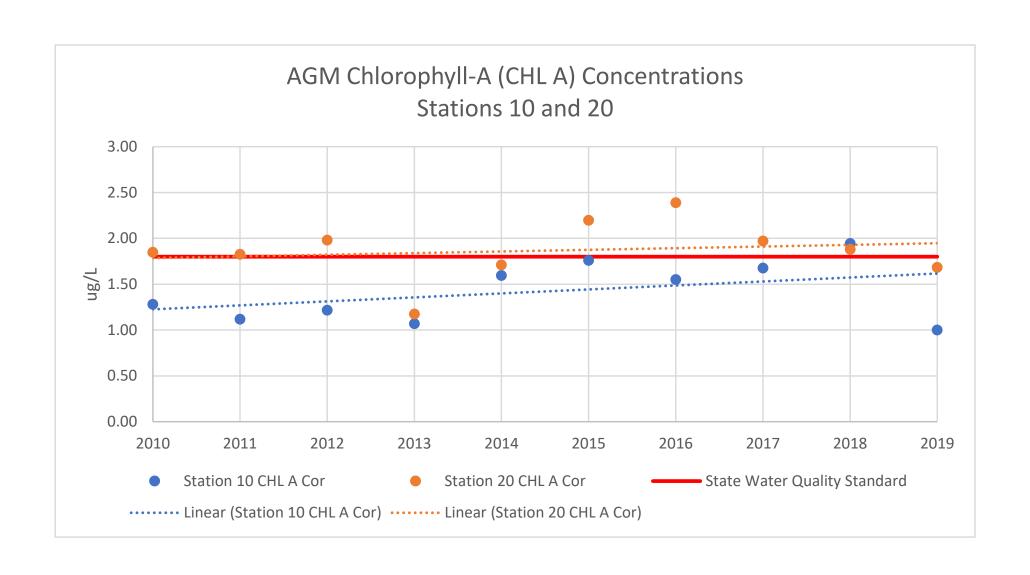
Reductions in pollutant loadings for then six (6) parameters in the Town of Jupiter Inlet Colony MS4 indicate significant reductions between 2013 and 2018.

PART C - CONCLUSION

The Town of Jupiter Inlet Colony stormwater management programs are effective in reducing nutrient loadings. This is supported by the Loxahatchee River District water quality monitoring program and the significant pollutant loading reductions resulting from the Town's 2017 Neighborhood Rehabilitation Project. At this time, there is no need to develop further stormwater management programs.







CYCLE 4, YEAR 4 ANNUAL REPORT ATTACHMENT No.1 NPDES MS4 Permit, Part III.A.2 - SUMMARY OF IMPLEMENTATION OF REVISED CODES AND ORDINANCES FOR JUPITER INLET COLONY

PURPOSE:

As a part of the NPDES MS4 Cycle 4, the Year 2 permit requirements Jupiter Inlet Colony (the Colony) reviewed all land development regulations, ordinances and codes to ensure a continued effort in reduction of stormwater impact on new and redevelopment. The Colony worked with Kimley-Horn and Associates, Inc. (KH) to complete this review and recommendations for improvements to the existing local Colony codes and land development regulations were suggested. Any updates to code revisions were required to be provided as part of the Year 4 permit requirements. In October of 2019, all suggested revisions to the Colony's codes were voted to be adopted at the Colony's Regular Commission Meeting ahead of the Year 4 requirement.

After the adoption of the revised codes, the Colony tailored the routine NPDES inspections to incorporate the code revisions. Kimley-Horn performs NPDES inspections on a quarterly basis, while Town staff supplements with weekly inspections. Construction site inspections focus on the implementation of regular construction site maintenance and fugitive dust provisions, while the stormwater inspections combine proactive inspections on the stormwater system, illicit discharges, and vegetation clipping management.

Jupiter Inlet Colony Implemented Ordinance Revisions

All sections in the Colony's Code of Ordinances related to stormwater management, development of new or existing properties and landscaping were reviewed previously. Those sections have been outlined below and include the date of implementation.

Table 1: Code of Ordinance Review

JIC Ordinance Section Reviewed	Section Title	Current Actions to Reduce Stormwater Impacts	Suggested Improvements	Colony Action		
	CHAPTER 9 - NUISANCES					
Sec. 9-7	Cleaning; Securing of Construction Sites	Maintenance of construction related items (i.e. materials, equipment, and debris)	This section could more clearly identify best management practices (BMP) and examples	Adopted in 2019 per Town Commission Records		
Sec. 9-8	Fugitive Dust or Blowing Sand	Practices to control sand and dust tracking off designated construction sites	This section could be enhanced to recommend practices to prevent fugitive dust and sand from entering storm drains adjacent to construction sites.	Adopted in 2019 per Town Commission Records		

CHAPTER 18 - UTILITIES				
Sec. 18-43 Illicit Discharg		Outlines what a discharge is in general terms and exceptions to this general definition. Also establishes guidelines for handling a discharge once it is noticed.	Removal of Language "dechlorinated swimming pools" as an exception.	Adopted in 2019 per Town Commission Records
	Illicit Discharges		Inclusion of language referencing how to handle contributions to the river from personal outfalls.	Adopted in 2019 per Town Commission Records
			Revision of language to clarify roof drains should be exempt and not considered prohibited discharges.	Adopted in 2019 per Town Commission Records
Sec. 18-44 Spills and Dumping	Outlines prohibited discharge	Revision of language to specify the "town administrator" should be notified rather than the "town clerk".	Adopted in 2019 per Town Commission Records	
	1	to the stormwater system containing any sewage, industrial waste, or other waste materials	Enhancement of procedure for notification of a responsible party unaware of illegal discharge/dumping as well as procedures for unknown responsible party.	Adopted in 2019 per Town Commission Records
		CHAPTER 19 - VEG	ETATION	
Sec. 19-17	Definitions	Provides clarity on landscaping components	This section could more clearly identify best management practices (BMP) and examples	Adopted in 2019 per Town Commission Records
Sec. 19-22	Fertilizer Free Zones	Specifies criteria that constitutes a fertilizer free zone in the Colony	Inclusion of stormwater control structures (i.e. drains, catch basins, outfalls, etc.) as a protected area. It is intended this will reduce runoff from fertilizer into the discharging bodies of water.	Adopted in 2019 per Town Commission Records
Sec. 19-23	Fertilizer Content and Application Rates	Specifies fertilizer ingredients that are allowable in the Colony	Inclusion of references to FDACS certifications and practices in addition to UF/IFAS.	Adopted in 2019 per Town Commission Records
Sec. 19-24	Fertilizer Application Practices	Specifies fertilizer maintenance practices	Inclusion of references to FDACS certifications and practices in addition to UF/IFAS.	Adopted in 2019 per Town Commission Records

Sec. 19-25	Management of Grass Clippings and Vegetative Matter	Practices to control the spreading of vegetative matter and grass clippings	This section could be enhanced to recommend practices to prevent vegetative matter and grass clippings from entering storm drains adjacent throughout the Colony.	Adopted in 2019 per Town Commission Records
Sec. 19-26	Exemptions	Exemptions to this vegetation chapter	Removal of this section is recommended as these exemptions are not applicable to the Colony.	Adopted in 2019 per Town Commission Records

FUTURE REVIEW OF CODES AND ORDINANCES:

As previously mentioned, the Colony implemented all enhancements to the ordinance language. The Colony intends to continuously monitor land development regulations and local codes as necessary for future opportunities for improvement.