# Town of Juno Beach

# October 1, 2018 to September 30, 2019

Year 3, Cycle 4

FY 18/19 Log

# ANNUAL REPORT



### 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 (<u>http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm</u>). Files larger than 10MB may be placed on the FTP site at: <u>ftp://ftp.dep.state.fl.us/pub/NPDES\_Stormwater/</u>. 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

SECT	TION I. BACKGROUND INFORMATION			
Α.	Permittee Name: Town of Juno Beach			
в.	Permit Name: Palm Beach County MS4			
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): 10 / 20	)18 through 9/20	19	
	Name of the Responsible Authority: Joseph I	F. Lo Bello		
	Title: Town Manager			
_	Mailing Address: 340 Ocean Drive			
F.	City: Juno Beach	Zip Code: 3340	8	County: Palm Beach
	Telephone Number: 561-626-1122		Fax Number	: 561-656-0311
	E-mail Address: jlobello@juno-beach.fl.us			
	Name of the Designated Stormwater Manage Anthony R. Meriano	ement Program C	ontact (if differ	rent from Section I.F above):
	Title: Director of Public Works			
	Department: Public Works			
G.	Mailing Address: 340 Ocean Drive			
	City: Juno Beach	Zip Code: 3340	8	County: Palm Beach
	Telephone Number: 561-656-0310		Fax Number	: 561-656-0311
	E-mail Address: ameriano@juno-beach.fl.us			*
SECT	ION II. MS4 MAJOR OUTFALL INVENT	ORY (Not Applic	able in Year 1	)
Α.	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 outfa (Does this number include non-major outfalls)			ing year (insert "0" if none): 0 pplicable)

Not Applicable

SECTION III. PART V.B. ASSESSMENT PROGRAM	SECTION III.	PART V.B.	ASSESSMENT	PROGRAM
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	<ul> <li>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.</li> <li><u>DEP Note:</u> If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.</li> <li>Name and date of the approved plan: Assessment Plan Approved 4-9-19.</li> <li>Status: Please see the Palm Beach County Joint Annual Report for the monitoring information. The information relevant to the Town's outfalls is addressed in the Town of Juno Beach Annual Assessment Report, see Attachment 1</li> </ul>
Β.	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. <u>DEP Note:</u> Results must be specific to the permittee's SWMP. See Town of Juno Beach Annual Assessment Report, Attachment 1
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. <u>DEP Note:</u> Analysis must be specific to the permittee's SWMP. See Town of Juno Beach Annual Assessment Report, Attachment 1

SECT	TION IV. FISCAL ANALYSIS
Α,	Total expenditures for the NPDES stormwater management program for the current reporting year: \$31,485
В.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$39,830
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. Decrease was minimal and due to lower expenses for program. No change in program management.

### 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):

<u>Attached</u>	<u>N/A</u>	Required Attachments	Permit Citation	Attachment Number/Title
		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	
	X	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
	$\boxtimes$	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	
		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
	$\boxtimes$	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	
	$\boxtimes$	YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development.	Part III.A.2	
		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
k 🗌	$\boxtimes$	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
	$\boxtimes$	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
	$\boxtimes$	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	
	$\boxtimes$	YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7.a	
		<ul> <li>YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.</li> <li>The monitoring plan (with revisions, if applicable).</li> <li>If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.</li> </ul>	Part V.B.3 Part V.A.3	
	$\boxtimes$	YEAR 4: TMDL Supplemental SWMP (if applicable).	Part VIII.B.3	

(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): Joseph F. Lo Bello

Title: 🔨 Totop Manager	
Signature:	Date: 3 30/2020

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMM	ARY TAI	BLE						
A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Act	ivity			C. Numbe Activit Perforn	ies	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
Part III.A.1	Structural Controls and Stormwater Collection Systems O	peration	1						
	Report the current known inventory.								
	Report the number of inspection and maintenance activities co total inventory of each type of structure inspected and maintain		for eacl	n applica	able type	of struc	ture included in Tal	ble II.A.1.a, and the	percentage of the
	Note: Delete structures that are not in your MS4's inventory. T with the unit of measurement in the documentation. Unit optic						measurement for ea	ach structural contro	l to be consistent
	Type of Structure	Number of Structures	Number of Inspections	Percent Inspected	Number of Maintenance Activities	Percent Maintained			
	Exfiltration trench / French drains (If)	4000		100		400	Inspection	DDW	Q., A.,
		1000	2	100	4	100	Form	DPW	2x Annual
	Grass treatment swales (miles)	2	12	100	4	100	Inspection Form	DPW	2x Annual
	Wet detention systems	1	4	100	2	100	Inspection Form	DPW	2x Annual
	Major outfalls	1	4	100	1	100	Inspection Form	DPW	2x Annual
	Weirs or other control structures	1	4	100	1	100	Inspection	DPW	2x Annual
	pipes / culverts (miles)	•					Form Inspection		
	Inlets / catch basins / grates	1.2	4	50	2	25	Form Inspection	DPW	2x Annual
	-	125	256	100	2	100	Form	DPW	2x Annual
	Ditches / conveyance swales (miles)	.5	24	100	2	100	Inspection Form	DPW	2x Annual
	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.								

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	B.	С.	D.	E.	F. Carlos
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.			
Part III.A.1	Strengths: Structural Controls inspected and maintained on regular basis				
Summary	Limitations: None				
	SWMP revisions implemented to address limitations: None necessary				
Part III.A.2	Areas of New Development and Significant Redevelopment				
	Report the number of significant development projects, including new and redevelop stormwater considerations.	oment, reviewed an	d approved by the p	permittee for post-de	evelopment
	Number of significant development projects reviewed	0	N/A		
	Number of significant development projects approved	0	N/A		
	Provide in the Year 2 Annual Report the summary report of the review activity. Prov	vide in the Year 4 A	nnual Report the fo	llow-up report on pla	an implementation.
	Year 2 ONLY: Attach the summary report of the review activity		N/A		
			N/A		
	Provide an evaluation of the Stormwater Management Program according to Part V	I.B.2 of the permit.			
Part III.A.2 Summary	Strengths: No significant development this period	*****	nan,		
,,					
Part III.A.3	Roadways				den men de construir de la construir de la decidad de la decidad de de la decidad de la decidad de la decidad d
	PERMITTEE Litter Control: Frequency of litter collection	2x	Sign in sheets	Volunteers/DPW	DPW Records
	t III.A.1 mmary  Strengths: Structural Controls inspected and maintained on regular basis Limitations: None SWMP revisions implemented to address limitations: None necessary t III.A.2  Areas of New Development and Significant Redevelopment  Report the number of significant development projects, including new and redevelop stormwater considerations.  Number of significant development projects reviewed Number of significant development projects approved Provide in the Year 2 Annual Report the summary report of the review activity. Prov Year 2 ONLY: Attach the summary report of the review activity Year 4 ONLY: Attach the follow-up report on plan implementation Provide an evaluation of the Stormwater Management Program according to Part VI t III.A.2 Strengths: No significant development this period Limitations: None SWMP revisions implemented to address limitations: N/A t III.A.3 Roadways Report on the litter control program, including the frequency of litter collection, an es the activities, and an estimate of the quantity of litter collected. <i>Note: If the permittee</i>	1800	Route slips	Volunteers/DPW	DPW Records
	PERMITTEE Litter Control: Estimated amount of litter collected (cy)	12.8	Weight Slips	Solid Waste Authority	DPW Records
	CONTRACTOR Litter Control: Frequency of litter collection	0	0	0	N/A
		0	0	0	N/A
		0	0	0	N/A
		number of road mile	es cleaned and an	estimate of the quan	tity of litter
	Trash Pick-up Events: Total miles cleaned	2.6	Sign in sheets	Volunteers/DPW staff	DPW Records
	Trash Pick-up Events: Estimated amount of litter collected (cy)	1.4	Weight Slips	Volunteers/DPW	DPW Records
	Adopt-A-Road: Total miles cleaned	0.5	Signage	Private Volunteers	None
	Adopt-A-Road: Estimated amount of litter collected (cy)				

Permit Citation/ MMP Element         Permit Requirement/Quantifiable SWMP Activity         Number of Activities Performed         Documentation / Record         Entity Performing the Activity         Comments           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.         Frequency of street sweeping         4x Annual         Invoice         Facilities Pro Sweep         DPW Records           Total miles swept         16.0         Invoice         Facilities Pro Sweep         DPW Records           Estimated quantity of sweeping material collected (cy / tons) Total phosphorous loadings removed (pounds)         12 CY         Invoice         Public Works         DPW Records           10         FSA Worksheet         Public Works         FSA Calculated	А.	Β.	<b>C.</b>	D.	E	
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.           Frequency of street sweeping         4x Annual         Invoice         Facilities Pro Sweep         DPW Records           total miles swept         16.0         Invoice         Facilities Pro Sweep         DPW Records           Estimated quantity of sweeping material collected (cy / tons)         10.0         Invoice         Facilities Pro Sweep         DPW Records           Total nitrogen loadings removed (pounds)         10.7         FSA Calculate Total nitrogen colatings removed (pounds)         10.7         FSA Calculate Total nitrogen colatings removed (pounds)         10.7         FSA Calculate Total nitrogen colatings removed (pounds)         10.7         FSA Calculate Total nitrogen colating to the stormwater realiting         10	ermit Citation/ WMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Formation         For a miles swept         Fraction         Fraction         DPW Records           Estimated quantity of sweeping material collected (cy / tons) Total phosphorous loadings removed (pounds)         16.0         Invoice         Public Works         DPW Records           Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.         10.0         FSA Worksheet         Public Works         FSA Calculate           Part III.A3         Provide an evaluation of the Stormwater Management Program according to Part VLB.2 of the permit.         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Jumitations one         Strengths:         Strengths:         Food control Projects         Food control projects that were constructed by the permittee during the reporting period and the number of those projects that did NG was not.           Report the out number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NG was not.         Flood control Projects           Report the total number of flood control projects completed during the reporting period and the number of those projects that did NG was not.         NA         Include stormwater retrofit projects that were constructed by the permittee during the reporting period and the number of those projects that did NG was not.           Report the total number of flood control projects that were constructed by the permittee during the reporting period a		total nitrogen and total phosphorus loadings that were removed by the collection of s	al miles swept, an sweepings. If no str	estimate of the qua reet sweeping progr	ntity of sweepings c am is implemented,	ollected, and the provide the
Part III.A.4         16.0         Invoice         Pachates Public Works         DPW Records           Part III.A.4         Flood control projects completed that did not include stormwater treatment, provide an explanation for each of why it did not.         116.0         Invoice         Pachates Public Works         DPW Records           Part III.A.4         Stormwater retrofit projects and maintenance shops that support road maintenance activities, and the number of inspections conducted for each facility.         Number of Inspections         Inspections         Inspections         Pachates Public Works         FSA Worksheet         Public Works         FSA Calculate           Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Image: Part III.A.4         Flood Control Projects           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 NU include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of whi was not.           Report on any stormwater retrofit projects completed during the reporting period and the number of loads from existing drainage systems that do not have treatment BMPs.         N/A         Image: Stormwater retrofit projects completed during the reporting period N/A         Image: Stormwater retrofit		Frequency of street sweeping	4x Annual	Invoice		DPW Records
Total phosphorous loadings removed (pounds) Total nitrogen loadings removed (pounds)         10         FSA Worksheet         Public Works         FSA Calculate Public Works         FSA Calculate Public Works         FSA Calculate Public Works         FSA Calculate Provide an evaluation of the Stormwater shops that support road maintenance activities, and the number of inspections conducted for each facility.           Part III.A.3 Summary         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         DPW Staff         2x Annually           Part III.A.4         Flood Control Projects         Flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NG include stormwater retrofit planning activities and the associated implementation or retrofitting projects to reduce stormwater pollutant loads from existing drainge systems that do not have treatment BMPs.         Flood control projects completed during the reporting period and the number of Index storm existing drainage systems that do not have treatment BMPs.           Flood control projects completed during the reporting period on N/A         N/A         N/A           Flood control projects completed during the reporting period on drainage systems that do not have treatment BMPs.         N/A         N/A           Flood control projects completed during the reporting period drainage systems that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why drainage systems that did not include stormwater treatment, provide as an attachment a list of the projects and an explanatio		Total miles swept	16.0	Invoice		DPW Records
Total phosphorous loadings removed (pounds) Total nitrogen loadings removed (pounds)         10         FSA Worksheet         Public Works         FSA Calculate Public Works         FSA Calculate Public Works         FSA Calculate Public Works         FSA Calculate Provide an evaluation of the Stormwater shops that support road maintenance activities, and the number of inspections conducted for each facility.           Part III.A.3 Summary         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         DPW Staff         2x Annually           Part III.A.4         Flood Control Projects         Flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NG include stormwater retrofit planning activities and the associated implementation or retrofitting projects to reduce stormwater pollutant loads from existing drainge systems that do not have treatment BMPs.         Flood control projects completed during the reporting period and the number of Index storm existing drainage systems that do not have treatment BMPs.           Flood control projects completed during the reporting period on N/A         N/A         N/A           Flood control projects completed during the reporting period on drainage systems that do not have treatment BMPs.         N/A         N/A           Flood control projects completed during the reporting period drainage systems that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why drainage systems that did not include stormwater treatment, provide as an attachment a list of the projects and an explanatio		Estimated quantity of sweeping material collected (cy / tons)	12 CY	Invoice	Public Works	DPW Records
Total nitrogen loadings removed (pounds)         16         FSA Worksheet         Public Works         FSA Calculate           Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.         Number of inspections         Descriptions         Conducted for each facility.           DPW Maintenance Facility         2         Inspection Form         DPW Staff         2x Annually           Part III.A.3         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Image: Control Program continues to assist with the reduction of pollutants being discharged           Summary         Flood Control Projects         Flood Control Projects that were constructed by the permittee during the reporting period and the number of those projects that did NC include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of wh was not.           Report the total number of projects completed during the reporting period and the number of flood control projects that did not include stormwater treatment D         N/A         Image: Control Projects           Flood control projects completed during the reporting period and the number of product was not.         Flood control projects completed during the reporting period and the number of flood control projects that did not include stormwater treatment T         N/A         Image: Control Projects           Report the total number of flood control projects completed			10	FSA Worksheet		FSA Calculato
Name of Facility         Number of Inspections         Number of Inspections         Number of Inspection           DPW Maintenance Facility         2         Inspection Form         DPW Staff         2x Annually           Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Imitations: None           Summary         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Imitations: None           SWMP revisions implemented to address limitations: N/A         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 NC include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of wh was not.           Report the total number of flood control projects completed during the reporting period and the number of those projects that did NC include stormwater retrofit projects on existing drainage systems that do not have treatment BMPs.         0         N/A         0         N			16	FSA Worksheet	Public Works	FSA Calculato
Name of Pacinty         Inspections         Inspection         Inspection         Inspection         DPW Staff         2x Annually           DPW Maintenance Facility         2         Inspection Form         DPW Staff         2x Annually           Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Itimitations: None         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Itimitations: None         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Itimitations: None         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Itimitations: None         Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Itimitations: None         Strengths: The Litter Control Projects Initiations: N/A         Strengths: The permittee of Initiations: N/A         Strengths: The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why was not.         Report the total number of flood control projects completed buring the reporting period         N/A         Stormwater retrofit projects completed that did not include stormwater treatment         N/A         Itimation         Stormwater retrofit projects completed that did not include stormwater treatment.         N/A         Itimation		Report the equipment yards and maintenances shops that support road maintenanc	e activities, and the	e number of inspect	ions conducted for e	each facility.
Part III.A.3       Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         Part III.A.3       Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Limitations: None       Limitations: None         SWMP revisions implemented to address limitations: N/A         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 NM was not.         Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.         Flood control projects completed during the reporting period drainage systems that do not have treatment BMPs.       0       N/A         Flood control projects completed during the reporting period do N/A       0       N/A       0         Flood control projects completed during the reporting period do N/A       0       N/A       0         Flood control projects completed during the reporting period and the number of the stormwater retrofit projects completed during the reporting period do N/A       0       N/A         Flood control projects completed during the reporting period and the number of thode stormwater retrofit projects completed during the reporting period on N/A       0       N/A         Flood control projects co		Name of Facility				
Part III.A.3 Summary       Strengths: The Litter Control Program continues to assist with the reduction of pollutants being discharged         Limitations: None       SWMP revisions implemented to address limitations: N/A         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 NC include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of wh 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.       0       N/A         Flood control projects completed during the reporting period       0       N/A       0       N/A         Flood control projects completed during the reporting period       0       N/A       0       N/A       0         Flood control projects completed that did not include stormwater treatment       0       N/A       0       N/A       0       0       N/A		DPW Maintenance Facility		Inspection Form	DPW Staff	2x Annually
Summary       Limitations: None         SWMP revisions implemented to address limitations: N/A         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 NG include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of wh 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.       Image: Stormwater retrofit projects completed during the reporting period       0       N/A       Image: Stormwater retrofit projects planned/under construction       0       N/A       Image: Stormwater retrofit projects and an explanation for each of why it did not.         Part III.A.4       Provide an evaluation of the Stormwater retrofit projects completed during the reporting period       0       N/A       Image: Stormwater retrofit projects completed       Image: Stormwater retrofit projects completed       Image: Stormwater retrofit projects completed       Image: Stormwater retrofit projects and an explanation for each of why it did not.       Image: Stormwater retrofit projects and an explanation for each of why it did not.       Image: Stormwater retrofit projects and an explanation for each of why it did not.       Image: Stormwater retrofit projects and an explanation for each of why it did not.       Image: Stormwater retrofit projects and an explanation for each of		Provide an evaluation of the Stormwater Management Program according to Part VI	.B.2 of the permit.	สมรักษาสามารถเราะหมายสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามาร สามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามา		
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 NC include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of wh 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.         0         N/A         0         <		Limitations: None	of pollutants bein	g discharged		
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 NG was not.         Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.         Flood control projects completed during the reporting period       0       N/A         Flood control projects completed that did not include stormwater treatment       0       N/A         Stormwater retrofit projects planned/under construction       0       N/A         If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.       0       N/A         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.       Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities					· · · · · · · · · · · · · · · · · · ·	
Flood control projects completed that did not include stormwater treatment Stormwater retrofit projects planned/under construction Stormwater retrofit projects completed       0       N/A       0         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.       0       N/A       0         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.       Provide as needing improvement during inspection and maintenance of Town Facilities       0		Report the total number of flood control projects that were constructed by the permit include stormwater treatment. The permittee shall provide a list of the projects where was not. Report on any stormwater retrofit planning activities and the associated implementation.	e stormwater treatr	nent was not includ	ed with an explanati	ion for each of wh
Stormwater retrofit projects planned/under construction       0       N/A       1         Stormwater retrofit projects completed       0       N/A       1         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         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.       Part III.A.4       Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities       Image: Complete Compl		drainage systems that do not have treatment BMPs.		A CONTRACTOR OF A CONT		
Stormwater retrofit projects completed       0       N/A         If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.       □       □       □         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.       Part III.A.4       Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities		Flood control projects completed during the reporting period				······
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.       Image: Comparison of the project start of the program according to Part VI.B.2 of the permit.         Part III.A.4       Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment	0	N/A		
attachment a list of the projects and an explanation for each of why it did not.       Image: Comparison of the projects and an explanation for each of why it did not.         Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.         Part III.A.4         Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction	0 0	N/A N/A		
Part III.A.4 Strengths: No areas identified as needing improvement during inspection and maintenance of Town Facilities		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction Stormwater retrofit projects completed	0 0	N/A N/A		
Changinar no diota isonanca do novemá improviment dentaj improviment dentaj improviment dentaj		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction Stormwater retrofit projects completed 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.		N/A N/A		
Summary Limitations: None		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction Stormwater retrofit projects completed 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.		N/A N/A		
		Flood control projects completed during the reporting period Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction Stormwater retrofit projects completed 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. Provide an evaluation of the Stormwater Management Program according to Part V	0 0 0 	N/A N/A N/A		

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	<b>B</b> .	С.	D.	E. States	hansan <b>F</b> ahabaan
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 a	IN NPDES Stormw	ater Permit		
	Report the applicable facilities and the number of the inspections conducted for eac	h facility.	*****		
	Name of Facility	Number of Inspections			
	Ν/Α				
	Provide an evaluation of the Stormwater Management Program according to Part V	I.B.2 of the permit.			I
Part III.A.5	Strengths: N/A				
Summary	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 a	pplicators of pestici	des and herbicides	who are FDACS ce	rtified / licensed.
	Report the number of permittee personnel who have been trained through the Gree applicators of fertilizer who are FDACS certified / licensed.	n Industry BMP Pro	gram and the numb	per of contracted co	mmercial
	PERSONNEL: FDACS public applicators of pesticides/herbicides	1	FDACS License	FDACS	DPW Staff
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	2	FDACS License	FDACS	Beach Environmental
	PERSONNEL: Green Industry BMP Program training completed	0	N/A		
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	2	FDACS License	FDACS	Complete Property Maintenance
	Provide a copy of the adopted ordinance with the Year 2 Annual Report. If this provinutrient-impaired water body, indicate that in Column F.	ision is not applicat	le because the per	mittee is not within t	
	Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance				
	Report on the public education and outreach activities that are performed or sponsor reduce their use of pesticides, herbicides and fertilizers including the type and numb the number of Web site visits (if applicable).				
	Public Education and Outreach Program			lan is carried out as Please see the Palr	
				ucation and outread	
	Brochures/Flyers/Fact sheets distributed	5800	Mailing List	Town Clerk	2x Annual
	Neighborhood presentations: Number conducted	2	HOA Meeting	DPW	Town Center
	Neighborhood presentations: Number of participants	20-30	HOA Meeting	DPW	Town Center
	Newspapers & newsletters: Number of articles/notices published	2	Newsletter	Town Clerk	Newsletter
	Newsletters: Number of newsletters distributed	5800	Mailing List	Town Clerk	2x Annual

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
Α.	Β.	C.	D.	<b>E.</b>	eessees <b>F.</b> compete
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Public displays (e.g., kiosks, storyboards, posters, etc.)	1	Pamphlets	Town Clerk	Town Center
	Radio or television Public Service Announcements (PSAs)	0			
	School presentations: Number conducted	0			
	School presentations: Number of participants	0			
	Special events: Number conducted	0			
	Special events: Number of participants	0			
	Number of visitors to stormwater-related pages			<u>L</u>	<u> </u>
Part III.A.6	Provide an evaluation of the Stormwater Management Program according to Part V	•			
Summary	Strengths: Continue to ensure proper training and display of educational info Limitations: None	ormation and mate	riais	NT 10000000000	
<b>,</b>	SWMP revisions implemented to address limitations: N/A				
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enfo	arcomont Moscura	· ~		''''''''''''''''''''''''''''''''''''''
Fart III.A.I.a	Report amendments in Year 4.		:5		
	-	1		·····	1
	Year 4 ONLY: Attach a report on amendments to applicable legal authority				L
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit D	ischarges and/or	Improper Disposa	I	
	Report on the proactive inspection program, including the number of inspections co and type of enforcement actions taken.	nducted by the pen	mittee, the number	of illicit activities fou	nd, and the number
	Proactive inspections for suspected illicit discharges	7	Code Inspection Reports	Code Inspection/DPW	Routine Inspection
	Illicit discharges found during a proactive inspection	4	Code Inspection Reports	Code Inspection	Inspection Repo
	NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	4	Code Inspection Reports	Code Inspection	Inspection Repo
	Report on the reactive investigation program as it relates to responding to reports o number of investigations conducted, the number of illicit activities found, and the number of illicit activities found.				rts received, the
	Reports of suspected illicit discharges received	7	Code Inspection Reports	Code Inspection	Inspection Repo
	Reactive investigations of reports of suspected illicit discharges etc.	7	Code Inspection Reports	Code Inspection	Inspection Repo
	Illicit discharges etc. found during reactive investigation	4	Code Inspection Reports	Code Inspection	Inspection Repo

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE						
Permit Citation/	B. Permit Requirement/Quantifiable SWMP Activity	C: Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments		
	NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation	4	Code Inspection Reports	Code Inspection	Inspection Report		
	Report the type of training activities, and the number of permittee personnel and cor	ntractors trained (bo	oth in-house and ou	tside training) within	the reporting year.		
	Personnel trained	3	3	Sign In sheets	NPBID		
	Contractors trained	2	2	Sign in sheets	NPBID		
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.					
	Hazardous and non-hazardous material spills responded to	0	N/A	N/A			
	Report the type of training activities, and the number of permittee personnel and con	ntractors trained (bo	oth in-house and ou	tside training) within	the reporting year		
	Personnel trained	3	2	Sign in sheets	NPBID		
	Contractors trained	3	2	Sign in sheets	NPBID		
Part III.A.7.e	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						
	Report on the public education and outreach activities that are performed or sponso reporting of suspected illicit discharges and improper disposal of materials, including	red by the permitte the type and num	e within the permitte	ee's jurisdiction to en ducted, the type and	ncourage the publi I number of		
	Report on the public education and outreach activities that are performed or sponso reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable).	red by the permitte g the type and num	e within the permitte per of activities con	ee's jurisdiction to en ducted, the type and	ncourage the publi I number of		
Part III.A.7.d IIIic Rep Rep Part III.A.7.e IIIic Rep	reporting of suspected illicit discharges and improper disposal of materials, including	the type and num The public outrea Palm Beach Cour	ch and education p nty Co-permittees.	ducted, the type and an is carried out as Please see the Paln	a joint effort by the n Beach County		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program	g the type and num The public outrea Palm Beach Cour Joint Annual Rep	per of activities con ch and education p ofy Co-permittees. ort for the public ed	ducted, the type and an is carried out as Please see the Paln ucation and outreac	a joint effort by the n Beach County h information.		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable).	the type and num The public outrea Palm Beach Cour	ch and education p nty Co-permittees.	ducted, the type and an is carried out as Please see the Paln	a joint effort by the		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed	g the type and num The public outrea Palm Beach Cour Joint Annual Rep 5800	ch and education pl of and education pl of Co-permittees. ort for the public ed Mailing List	ducted, the type and an is carried out as Please see the Paln ucation and outreac Town Clerk	a joint effort by the n Beach County h information. 2x Annual		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published	g the type and num The public outrea Palm Beach Cour Joint Annual Rep 5800 2	ch and education p of and education p of Co-permittees. ort for the public ed Mailing List HOA Meetings	ducted, the type and an is carried out as Please see the Paln ucation and outreac Town Clerk DPW	a joint effort by the n Beach County h information. 2x Annual Town Center		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed	the type and number The public outrea Palm Beach Cour Joint Annual Rep 5800 2 20 – 30 2 5800	ch and education p nty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
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	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs)	the type and number The public outrea Palm Beach Cour Joint Annual Rep 5800 2 20 – 30 2 5800 1 Kiosk 0	ch and education p nty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
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	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number of participants School presentations: Number of participants Seminars/Workshops: Number conducted	the type and number The public outrea Palm Beach Court Joint Annual Reposed 20 – 30 2 20 – 30 2 5800 1 Kiosk 0 0 0 0 0	ch and education p nty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
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	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number of participants Seminars/Workshops: Number of participants Seminars/Workshops: Number of participants Special events: Number conducted	the type and number The public outrea Palm Beach Cour Joint Annual Repo 5800 2 20 - 30 2 20 - 30 2 5800 1 Kiosk 0 0 0 0 0 0 0 0 0 0 0	ch and education p nty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number of participants Seminars/Workshops: Number of participants Special events: Number of participants	the type and number The public outrea Palm Beach Court Joint Annual Report 5800 2 20 - 30 2 20 - 30 2 5800 1 Kiosk 0 0 0 0 0 0 0	ch and education p nty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number of participants Seminars/Workshops: Number of participants Special events: Number of participants Number of visitors to stormwater-related pages	the type and number The public outrea Palm Beach Cour Joint Annual Repo 5800 2 20 - 30 2 20 - 30 2 5800 1 Kiosk 0 0 0 0 0 0 0 0 0 0 0	ch and education pl ty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list Pamphlets	an is carried out as Please see the Paln Loation and outreac Town Clerk DPW DPW Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual		
Part III.A.7.f	reporting of suspected illicit discharges and improper disposal of materials, including materials distributed, and the number of Web site visits (if applicable). Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number of participants Seminars/Workshops: Number of participants Special events: Number of participants	the type and number The public outrea Palm Beach Cour Joint Annual Repo 5800 2 20 - 30 2 20 - 30 2 5800 1 Kiosk 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ch and education p ty Co-permittees. ort for the public ed Mailing List HOA Meetings HOA Meetings Newsletter Mailing list Pamphlets	ducted, the type and an is carried out as Please see the Paln ucation and outreac Town Clerk DPW Town Clerk Town Clerk Town Clerk	a joint effort by the n Beach County h information. 2x Annual Town Center Town Center Newsletter 2x Annual Town Center		

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

Revised 9/8/2016

<b>A</b> .	<b>B.</b>	С.	D.	E,	F.
Permit Citation/ SWMP Element	Permit Pequirement/Quantifiable SW/MP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	distributed, the amount of waste collected / recycled / properly disposed, and the nu	mber of Web site vi	isits (if applicable).		
	Public Education and Outreach Program	Palm Beach Cour	nty Co-permittees. I	an is carried out as Please see the Palm ucation and outreact	Beach County
	Brochures/Flyers/Fact sheets distributed	5800	Mailing List	Town Clerk	2x Annual
	Neighborhood presentations: Number conducted	2	HOA Meeting	DPW	Town Center
	Neighborhood presentations: Number of participants	20 - 30	HOA Meetings	DPW	Town Center
	Newspapers & newsletters: Number of articles/notices published	2	Mailing List	Town Clerk	Newsletter
	Newsletters: Number of newsletters distributed	5800	Mailing List	Town Clerk	2x Annual
	Public displays (e.g., kiosks, storyboards, posters, etc.)	1 Kiosk	Pamphlets	Town Clerk	Town Center
	Radio or television Public Service Announcements (PSAs)	0			
	School presentations: Number conducted	0			
	School presentations: Number of participants	0			
	Seminars/Workshops: Number conducted	0			
	Seminars/Workshops: Number of participants	0			
	Special events: Number conducted	0			
	Special events: Number of participants	0			
	Storm sewer inlets newly marked/replaced	0			
	Number of visitors to stormwater-related pages				
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seep	ade			
	Report on the type and number of activities undertaken to reduce or eliminate SSOs found and the number resolved, and the name of the owner of the sanitary sewer sy infiltration incidents into the MS4.	ystem within the per	rmittee's jurisdiction	. Report only the SS	SOs and inflow /
	Owner of the sanitary sewer system	Seacoast U	tility Authority (SUA	) Loxahatchee Rive	
	Activity to reduce/eliminate SSOs and I&I: (description)	0/16,000	On File at Utility Provider Office	SUA/LRD	Quantity for enti LRD, records n separated by
					municipality
	Activity to reduce/eliminate SSOs and I&I: (description)	0/200	On File at Utility Provider Office	SUA/LRD	municipality Quantity for enti LRD, records n separated by municipality
	Activity to reduce/eliminate SSOs and I&I: (description) SSO incidents discovered	0/200		SUA/LRD SUA/LRD	Quantity for ent LRD, records n separated by

<b>A.</b>	B		С.	garen er en er	D.		******** <b>F</b> ,*****
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity		Numbe Activit Perforr	er of ties	Documentation / Record	Entity Performing the Activity	Comments
						<u></u>	municipality
	Inflow / infiltration incidents discov		0/0		N/A	SUA/LRD	
	Inflow / infiltration incidents reso		0/0		N/A	SUA/LRD	
	For activities required by Part III.A.7: Provide an evaluation of the Stormwater	Manag	ement Pro	ogram a	ccording to Part VI.	B.2 of the permit.	
Part III.A.7	Strengths: Continued training and education helps maintain knowledge	of syst	ems				
Summary	Limitations: None						
	SWMP Revisions implemented to address limitations: N/A		•				
Part III.A.8.a	Industrial and High-Risk Runoff Identification of Priorities and Proced	lures fo	r Inspect	ions			
-	Report on the high-risk facilities inventory, including the type and total number	r of high	risk facili	ties and	the number of facili	ities newly added ea	ich year.
	Report on the high-risk facilities inspection program, including the number of i	nenectic	ne condu	icted and	d the number and t	ine of enforcement -	actions taken
		nopoolie					
	Type of Facility	Number of Facilíties	Number of Inspections	Enforcement Actions			
	Operating municipal landfills	0	N/A	N/A			
	Hazardous waste treatment, storage, disposal and recovery				Inspection		
	(HWTSDR) facilities	1	2	N/A	Form	DPW	
	EPCRA Title III, Section 313 facilities (TRI)	0	0	N/A	No EPCRA Title		
	Facilities determined as high risk by the permittee	0	0	N/A	111		
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries					<u> </u>	99999999999999999999999999999999999999
	Report the number of high risk facilities sampled.						· · · · · · · · · · · · · · · · · · ·
	High risk facilities sam	pled	0		N/A		No high risk facilities in Town
· ·	Provide an evaluation of the Stormwater Management Program according to	Part VI.	3.2 of the	permit.		······	
Part III.A.8 Summary	Strengths: Routine inspections increase chance of eliminating pollutan Limitations: None SWMP revisions implemented to address limitations: N/A	ts					
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Struct	tural Pa	et Manac	iomont	Practicoc		
ran m.A.J.d	Report the number of permittee and private pre-construction site plans review					on controls, and the	number approved.
	PERMITTEE SITES: Construction site plans revie	ewed	0		N/A	N/A	No new projects
	PERMITTEE SITES: Construction site plans appr		0				No new projects
	PRIVATE SITES: Construction site plans revie	hawe	8		Comment Letter	Consultant	

SECTION VII.	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
А.	B,	С.	<b>D</b> .	Ε.	F. (see all
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	PRIVATE SITES: Construction site plans approved	4	Approval Letter	Consultant	
	Report the number of development permit applicants notified of the ERP and CGP, a	and the number of	applicants who con	firmed ERP and CG	P coverage.
	Notified of ERP stormwater permit requirements	8	Approval letter	Consultant	
	Confirmed ERP coverage	0	N/A	N/A	All 8 projects exempt from ERI
	Notified of CGP stormwater permit requirements	8	Approval letter	Consultant	
	Confirmed CGP coverage	0	N/A	N/A	All 8 projects exempt from CG
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				
	Report on the inspection program for privately-operated and permittee-operated cor reporting year, the number of inspections of active construction sites, the percentage enforcement actions / referrals taken.	e of active construc			
	PERMITTEE SITES: Active construction sites	0			
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	0			
	PERMITTEE SITES: Percentage of active construction sites inspected	0			
	PRIVATE SITES: Active construction sites	7			
	PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	15	Construction Observation Reports	Consultant	
	PRIVATE SITES: Percentage of active construction sites inspected	100	Construction Observation Reports	Consultant	
	Enforcement Action	0			
Part III.A.9.c	Construction Site Runoff — Site Operator Training				
	Report the type of training activities, the number of inspectors, site plan reviewers a	nd site operators tr	ained (both in-hous	e and outside traini	ng).
	DEP Certification	Annual Training			
	Permittee construction site inspectors 3	3	Sign in sheets	NPBID	
	Permittee construction site plan reviewers	1	Sign in sheet	NPBID	
	Permittee construction site operators				
	Provide an evaluation of the Stormwater Management Program according to Part V	I.B.2 of the permit.			
Part III.A.9	Strengths: Routine training increases reduction in pollutants				
Summary	Limitations: None				
	SWMP revisions implemented to address limitations: N/A		11-11-11-11-11-11-11-11-11-11-11-11-11-		

SECT	TION VIII. CHANG	ES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable in Year 4)
Α.	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
		N/A
	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)
<b>  B.</b> ⊧	<u> </u>	N/A
		N/A
		N/A

### SECTION IX. TMDL Status Report

WBID Number	Segment/ Waterbody/ Basin	Pollutant of Concern	TMDL DEP / EPA	Percent Reduction (WLA)	Priority Rank	Priority Outfall	Monitoring Summary / BPCP Due Date	Supplemer SWMP Due Date
N/A					1		(Year 3 AR)	(Year 4 AR; if BPCP
TMDL wate Year 3: Sub	r body during the re omit a Monitoring dat	porting period and c ta summary or BPCI					n being discharged fr	om the MS4 tc
TMDL wate Year 3: Sub	r body during the re omit a Monitoring dat	porting period and c ta summary or BPCI SWMP (if applicable	y of the estimated load umulatively since the d P (if applicable).				n being discharged fr	I rom the MS4 to
TMDL wate Year 3: Sub	r body during the re omit a Monitoring dat	porting period and c ta summary or BPCI	y of the estimated load umulatively since the d P (if applicable).	late the Supplemer		nented.		
TMDL wate Year 3: Sub Year 4: Sub WBID	r body during the report a Monitoring date of the second sec	porting period and c ta summary or BPCI SWMP (if applicable Monitoring Summary / BPCP	y of the estimated load umulatively since the d P (if applicable). e). Supplemental SWMP	late the Supplemer	ntal SWMP was implem	nented.		

### Town of Juno Beach MS4 Permit No. FLS000018-004 Part V. – Monitoring Requirements; Sub-part A. – Assessment Program

### Assessment Program Objective

The purpose of this assessment program is to provide information for the Town of Juno Beach 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 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 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

Currently, the joint NPDES program in Palm Beach County collects ambient water quality data at several monitoring sites based on the locations of major outfalls and TMDL's within the County. For the Water Quality Monitoring Plan, the Town of Juno Beach is proposing to use the ambient water quality data provided by the joint program.

#### Monitoring Locations

The Town of Juno Beach has been determined to discharge into 2 separate watersheds, the Intercoastal Waterway North (ICWWN) and the Lake Worth Lagoon (LWL) and represents 0.81% of the overall ICWWN Watershed and 0.25% of the LWL Watershed. The Town will utilize data for discharge to LWL from Monitoring Station 11 located 1.7± miles south of the Town's MS4, and discharge to ICWWN from Monitoring Station 30 located 3.0± miles north of the Town's MS4. See attached Watershed Boundaries map for additional location information.

The Town of Juno Beach has reviewed the nutrient monitoring data results at the above monitoring locations. The Nutrient Trends are provided in the Joint Annual Report prepared by Mock Roos. The trends for Monitoring Station 30 show decreasing trends however the Trends for Monitoring Station 11 show a Significant Increasing Trend for Total Phosphorus. Refer to attached Table 5-11 Pages 7 and 8.

### Part B – Pollutant Loading Estimate Plan

The Palm Beach County MS4 permittee group has developed pollutant loading estimates during the 3<sup>rd</sup> year of this permit cycle, using the SIMPLE protocol. The group has provided the loading estimates by watershed broken down into MS4 areas for the 6 required water quality parameters.

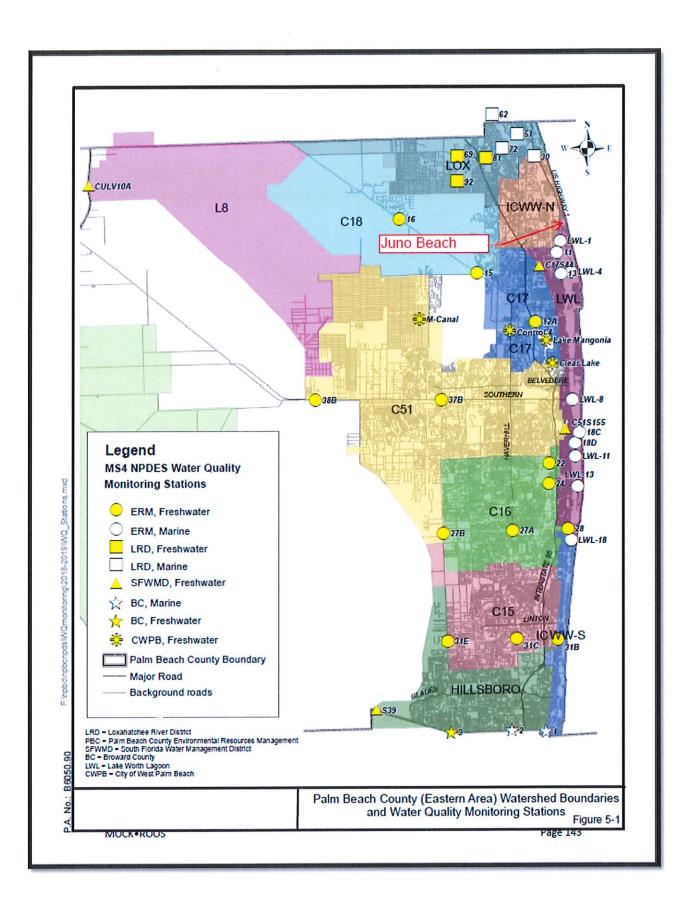
The results are summarized below and include for 2018 a 6% reduction for public education as well as reductions in the phosphorus and nitrogen loadings as a result of the Town's street sweeping program as is allowed by FDEP.

	<u>PARAMETERS</u> (LBS/YEAR)					
	BOD5	TSS	<u>TP</u>	CU	ZN	TN
2013 Loads to ICWNN	6095	15775	185	11	65	2200
2013 Loads to LWL	2719	14972	129	5	25	806
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -						
TOTAL 2013	8814	30747	314	16	90	3006
2018 Loads to ICWNN	5673	12382	171	10	60	2139
2018 Loads to LWL	2428	12239	112	4	21	735
	2420	12233	112	4	21	/33
TOTAL 2018	8101	24621	283	14	81	2874
REDUCTIONS						
PUBLIC EDUCATION						
(6%)	486	1477	17	1	5	172
STREET SWEEPING	0	0	10	0	0	16
TOTAL LOADING 2018	7615	23144	256	13	76	2686
PERCENT REDUCTION	14%	25%	18%	18%	15%	11%

Although the group analysis indicates an increasing trend for Total Phosphorus at Monitoring Station 11 the pollutant loading estimates along with the minimal contribution from the Town of Juno Beach (0.81% of the overall watershed) indicate that there will be an 18% reduction in Total Phosphorus contributed by the Town.

### Part C – Evaluation and Response Plan

Analysis of the pollutant loading estimates for both monitoring stations indicate a reduction in nutrients over the past two permit cycles and suggest that the current SWPPP programs are effective in reducing stormwater runoff and therefore there is no need for additional stormwater management programs at this time.



### Table 5-11 Water Quality Trends ICWW-N Watershed Page 7 of 14

#### **Total Nitrogen**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
30	2000 - 2019	-0.248461	-0.000073	0.000511	Significant Decreasing Trend

### **Total Phosphorus**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
30	2000 - 2019	-0.106852	-0.000001	0.133347	Decreasing Trend

### Total Chlorophyll-a (corrected)

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
30	2000 - 2019	-0.137618	-0.000340	0.067902	Decreasing Trend

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

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

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

MOCK•ROOS

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#### Table 5-11 Water Quality Trends Lake Worth Lagoon North Watershed Page 8 of 14

### **Total Nitrogen**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
LWL-1	1999 - 2019	-0.274928	-0.000040	< 0.0001	Significant Decreasing Trend
11	1999 - 2019	-0.321853	-0.000088	< 0.0001	Significant Decreasing Trend
13	2000 - 2019	-0.268795	-0.000077	< 0.0001	Significant Decreasing Trend
LWL-4	2004 - 2019	-0.251979	-0.000027	< 0.0001	Significant Decreasing Trend

### **Total Phosphorus**

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
LWL-1	1999 - 2019	-0.149496	-0.000002	0.017599	Significant Decreasing Trend
11	1999 - 2019	0.166250	0.000003	0.002915	Significant Increasing Trend
13	2000 - 2019	0.092850	0.000002	0.102227	Increasing Trend
LWL-4	2004 - 2019	-0.263436	-0.000002	< 0.0001	Significant Decreasing Trend

### Total Chlorophyll-a (corrected)

Site	Date Range	Tau	Slope <sup>1</sup>	Selected P-Value <sup>2</sup>	Statistical Trend Interpretation <sup>3</sup>
LWL-1	1999 - 2019	-0.119752	-0.000261	0.067732	Decreasing Trend
11	1999 - 2019	0.036487	0.000051	0.524745	Increasing Trend
13	2000 - 2019	0.071769	0.000174	0.212188	Increasing Trend
LWL-4	2004 - 2019	-0.090768	-0.000090	0.166572	Decreasing Trend

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

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

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

MOCK+ROOS

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# PART III.A.1

# STRUCTURAL CONTROLS

Facility ID:

Major Stormwater Outfalls – Structural Control Inspection Date: 8-28

Date: 8-28-14

Debris or sediment accumulation in pipe? YES	NO
Barnacle accumulation in pipe? YES	NO
Sediment accumulation in receiving water? YES	NO
Pipe in need of repair/replacement? YES	NO
If YES, report to supervisor for further investigation or sch	edule for maintenance.
GENERAL:	
Any indications of illicit discharge or illegal dumping?	YES NO
If YES, describe and report to supervisor for proper respon	ise:
Signs of erosion on bank near outfall? YES NO	
Rip-rap in need of maintenance? YES NO	
Headwall in need of repair/replacement? YES NO	)
If YES, schedule for maintenance.	

# Major Stormwater Outfalls – Structural Control Inspection

Facility ID:

Pelicanhake Duttan

Date: 5-20-19

Debris or sediment accumulation in pipe? YES NO	
Barnacle accumulation in pipe? YES NO	
Sediment accumulation in receiving water? YES NO	
Pipe in need of repair/replacement ? YES NO	
If YES, report to supervisor for further investigation or schedule for ma	intenance.
GENERAL:	
Any indications of illicit discharge or illegal dumping? YES	NO
If YES, describe and report to supervisor for proper response:	
Signs of erosion on bank near outfall? YES NO	
Rip-rap in need of maintenance? YES NO	
Headwall in need of repair/replacement? YES NO	
If YES, schedule for maintenance.	

<b>Major Stormwater</b>	· Outfalls –	Structural	Control	Inspection
-------------------------	--------------	------------	---------	------------

Facility ID: Pelican Louis OUT-The

Date: 1-21-19

Debris or sediment accumulation in pipe?	YES NO
Barnacle accumulation in pipe?	YES NO
Sediment accumulation in receiving water?	YES NO
Pipe in need of repair/replacement?	YES NO
If YES, report to supervisor for further investigation	n or schedule for maintenance.
GENERAL:	
Any indications of illicit discharge or illegal dumping	ng? YES NO
If YES, describe and report to supervisor for proper r	r response:
Signs of erosion on bank near outfall? YES	NO
Rip-rap in need of maintenance? YES	
Headwall in need of repair/replacement? YES	NO
If YES, schedule for maintenance.	

# Major Stormwater Outfalls – Structural Control Inspection

1

Facility ID:

Petran law O. T. Holl

Date: 10-26-18

Debris or sediment accumulation in pipe?	YES	NOV
Barnacle accumulation in pipe?	YES	NOV
Sediment accumulation in receiving water?	YES	NOV
Pipe in need of repair/replacement?	YES	NOV
If YES, report to supervisor for further investigation	or sched	ule for maintenance.
GENERAL:		
Any indications of illicit discharge or illegal dumping	?	YES NOV
If YES, describe and report to supervisor for proper r	response:	
Signs of erosion on bank near outfall? YES	NQ	
Rip-rap in need of maintenance? YES	NOV	
Headwall in need of repair/replacement? YES	NOV	
If YES, schedule for maintenance.		

Facility/Segment ID: Ocean Drwe	Date: 12-14-18
Inspection conducted days hours after significant rainfall event.	
FUNCTION:	
Standing water in observation well, inspection port, or inlet? (YES) NO	
Standing water above inlet grates? YES NO	
If YES, report to supervisor for further investigation or schedule for maintenance.	
GENERAL:	
Sediment amount less than one foot below pipe invert in up or downstream structure?	YES NO
Sediment visible in pipe? YES NO	
Debris accumulation at weir? YES NO	
If YES, describe and schedule for maintenance:	
Any indications of illicit discharge or illegal dumping? YES NO	
f YES, describe and report to supervisor for proper response:	

Facility/Segment ID: Park St	Date: 12-14-18
Inspection conducted days hours after significant rainfall event.	
FUNCTION:	
Standing water in observation well, inspection port, or inlet? YES NO	
Standing water above inlet grates? YES NO	
If YES, report to supervisor for further investigation or schedule for maintenance.	
GENERAL:	
Sediment amount less than one foot below pipe invert in up or downstream structure?	YES NO
Sediment visible in pipe? YES NO	_
Debris accumulation at weir? YES NO	
If YES, describe and schedule for maintenance:	
Any indications of illicit discharge or illegal dumping? YES NO	
If YES, describe and report to supervisor for proper response:	

Facility/Segment ID: Park SF	Date: 5-17-19
Inspection conducted days/hours after significant rainfall event.	
FUNCTION:	
Standing water in observation well, inspection port, or inlet? YES NO	
Standing water above inlet grates? YES NO	
If YES, report to supervisor for further investigation or schedule for maintenance.	
GENERAL:	
Sediment amount less than one foot below pipe invert in up or downstream structure?	(YES) NO
Sediment visible in pipe? YES NO	
Debris accumulation at weir? YES NO	
If YES, describe and schedule for maintenance:	
Any indications of illicit discharge or illegal dumping? YES NO	
If YES, describe and report to supervisor for proper response:	

Facility/Segment ID: Ocean Srue	Date: 5.17-19
Inspection conducted days hours after significant rainfall event.	
FUNCTION:	
Standing water in observation well, inspection port, or inlet? YES	
Standing water above inlet grates? YES NO	
If YES, report to supervisor for further investigation or schedule for maintenance.	
GENERAL:	
Sediment amount less than one foot below pipe invert in up or downstream structure?	YES NO
Sediment visible in pipe? YES	
Debris accumulation at weir? YES	
If YES, describe and schedule for maintenance:	
Any indications of illicit discharge or illegal dumping? YES NO	
If YES, describe and report to supervisor for proper response:	

Facility ID: LANCE OCTIFALL Date: 6.13-19
Inspection conducteddays/hours after significant rainfall event.
FUNCTION:
Pond/Lake level above control elevation longer than recovery time (see facility inventory)? YES (NO)
If YES, report to supervisor for further investigation or schedule for maintenance.
EROSION:
Vegetation on side slopes failing? YES NO
Any signs of erosion? YES NO
If YES, describe and schedule for maintenance:
INFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES NO
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES
If YES to any of the above, schedule the structure for maintenance.
Any debris present? YES NO
If YES, remove debris or schedule for maintenance. VEGETATIVE Debris removed
OUTFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES NO
If YES to any of the above, schedule the structure for maintenance.
Any debris present? YES
If YES, remove debris or schedule for maintenance.
GENERAL:
Any indications of illicit discharge or illegal dumping? YES NO
f YES, describe and report to supervisor for proper response:

.

Facility ID: LAKE OUTFACE Date: 4-19-19
Inspection conducted days/hours after significant rainfall event.
FUNCTION:
Pond/Lake level above control elevation longer than recovery time (see facility inventory)? YES NO
If YES, report to supervisor for further investigation or schedule for maintenance.
EROSION:
Vegetation on side slopes failing? YES NO
Any signs of erosion? YES NO
If YES, describe and schedule for maintenance:
INFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES NO
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES NO
If YES to any of the above, schedule the structure for maintenance.
Any debris present? (YES) NO
If YES, remove debris or schedule for maintenance. Debris removed - leaves, branches
OUTFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES NO
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES NO
If YES to any of the above, schedule the structure for maintenance.
Any debris present? YES NO
If YES, remove debris or schedule for maintenance.
GENERAL:
Any indications of illicit discharge or illegal dumping? YES NO
If YES, describe and report to supervisor for proper response:

Facility ID: LAKE OUTFALL Date: 1-18-19
Inspection conducted Tays hours after significant rainfall event.
FUNCTION:
Pond/Lake level above control elevation longer than recovery time (see facility inventory)? YES NO
If YES, report to supervisor for further investigation or schedule for maintenance.
EROSION:
Vegetation on side slopes failing? YES NO
Any signs of erosion? YES NO
If YES, describe and schedule for maintenance:
INFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES NO
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES NO
If YES to any of the above, schedule the structure for maintenance.
Any debris present? YES NO
If YES, remove debris or schedule for maintenance.
OUTFLOW STRUCTURE:
Any signs of erosion? YES NO
Any signs of structure settling? YES NO
Any signs of physical damage? YES NO
Any signs of accumulated sediment? YES NO
If YES to any of the above, schedule the structure for maintenance.
Any debris present? YES NO
If YES, remove debris or schedule for maintenance.
GENERAL:
Any indications of illicit discharge or illegal dumping? YES NO
If YES, describe and report to supervisor for proper response:

Facility ID: LANE OUTFOU Date: 11-24-18	
Inspection conducteddays hours after significant rainfall event.	
FUNCTION:	
Pond/Lake level above control elevation longer than recovery time (see facility inventory)? YES	
If YES, report to supervisor for further investigation or schedule for maintenance.	
EROSION:	
Vegetation on side slopes failing? YES NO	
Any signs of erosion? YES NO	
If YES, describe and schedule for maintenance:	
	-
INFLOW STRUCTURE:	
Any signs of erosion? YES NO	
Any signs of structure settling? YES NO	
Any signs of physical damage? YES	
Any signs of accumulated sediment? YES	
f YES to any of the above, schedule the structure for maintenance.	
Any debris present? YES NO	
f YES, remove debris or schedule for maintenance.	
DUTFLOW STRUCTURE:	
ny signs of erosion? YES NO	
ny signs of structure settling? YES NO	
ny signs of physical damage? YES ND	
ny signs of accumulated sediment? YES NO	
YES to any of the above, schedule the structure for maintenance.	
ny debris present? YES	
YES, remove debris or schedule for maintenance.	_
ENERAL:	
ny indications of illicit discharge or illegal dumping? YES	
YES, describe and report to supervisor for proper response:	

### Pipes/Culverts – Structural Control Inspection

NO

YES

NO

YES

(NO

10-12-18

### VISUAL INSPECTION:

14

Evidence of settling above the pipe alignment?

YES

Sediment accumulation in pipe (viewed from inlets, manholes, etc.)?

Barnacle accumulation in pipe (viewed from inlets, manholes, and/or outfall)?

If YES, schedule for maintenance and report to supervisor for further investigation.

### Pipes/Culverts – Structural Control Inspection

12-18-18

### VISUAL INSPECTION:

Evidence of settling above the pipe alignment?

(NO)

YES

Sediment accumulation in pipe (viewed from inlets, manholes, etc.)?

Barnacle accumulation in pipe (viewed from inlets, manholes, and/or outfall)?

If YES, schedule for maintenance and report to supervisor for further investigation.

YES NO

Pipes/Culverts – Structural Control Inspection	- 19
	2-22
VISUAL INSPECTION:	
Evidence of settling above the pipe alignment? YES NO	
Sediment accumulation in pipe (viewed from inlets, manholes, etc.)? YES (NO)	
Barnacle accumulation in pipe (viewed from inlets, manholes, and/or outfall)? YES (NO)	

If YES, schedule for maintenance and report to supervisor for further investigation.

### Pipes/Culverts – Structural Control Inspection

	8.15-4
VISUAL INSPECTION:	
Evidence of settling above the pipe alignment? YES	
Sediment accumulation in pipe (viewed from inlets, manholes, etc.)? YES	
Barnacle accumulation in pipe (viewed from inlets, manholes, and/or outfall)? YES NO	
If YES, schedule for maintenance and report to supervisor for further investigation.	

### PART III.A.3. ROADWAYS

# begins 8:30am April 30

\*\*\*Please return form to the site volunteer coordinator on, or before, the day of the cleanup. To submit forms before the cleanup, please contact the site volunteer coordinator for mailing instructions. All forms must have original signatures.

AN AMERICAN CLA	Great Am Voluntee	erican Cleanup er Registration	SEAULIFUL
HEET AMERICA BEAUTIFUE	Event Site: Cleanup Date:	Juno Beach	Here production and the second

Thank you for participating in the Great American Cleanup! Your participation is an integral part of our efforts to keep Palm Beach County beautiful. Please take a moment to complete this volunteer registration. W will not distribute or sell any information provided on this form.

The undersigned volunteer does hereby release and discharge Keep Palm I each County Beautiful, Inc., it's officers, directors, and employees, from any and all claims, demands, losses, costs, expenses, suits, damage, obliga lons, liabilities, causes of action and judgments whatsoever, in law or in equity, which the undersigned volunteer may have arising out of, or in connection with, participation in the event. The undersigned volunteer does hereby assume any and all risks of personal injuries, including death and damage or loss to property, caused by or arising out of the participation in

The undersigned volunteer does hereby give permission to be photographed by the event organizers or news media for any manner of publication including, but not limited to, newspaper or events sponsors' newsletters or websites.

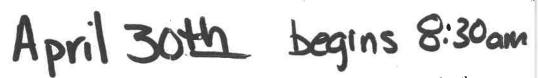
dersigned volunteer understands and will adhere to the volunteer guidelines listed below.

	ATMI KING
X	Name of Organization if participating with a group
R	Name Devon Pitts Email
5	Address 13425 Elison Wr Son Cocity/State/Zip JUND Brach, K Telephone
11	
a S	I, the undersigned, have read the volunteer guidelines below and agree to the above waiver of liability.
0	Signature Min Malan
	(Signature (Signature) (Signature (Signature) (Signature (Signature) (Signature (Signature) (Sign
	Note: T-shirts, or other promotional items, will
	Indicate ADULT T-shirt Size: Small Medium Large XLarge 2XL (Note: 1-shirts; of each p-case

### VOLUNTEER GUIDELINES

- Please make sure you sign in at the registration table when you arrive, and receive the necessary materials to do the cleanup.
- Volunteers may be working in sunny, hot, wet and dirty conditions and, in some cases, areas where there is heavy brush. It is strongly recommended that you wear protective clothing (check with your Site Coordinator for recommendations), closed-toe
- shoes such as old sneakers, and hats for sun protection. Insect repellent and sunscreen are also strongly recommended. Remove litter during daylight hours only.
- All trash bags should be left at the locations designated by the Site Coordinator. Please make sure they are securely tied when full
- No consumption of intoxicating liquids, beverages, or illegal drugs will be allowed during the clean up or other community
- Wear gloves and use caution when picking up sharp objects. Watch out for broken glass and metal.
- Do not pick up any type of hypodermic needles or other hazardous waste such as paint, used motor oil, automobile
- batteries, etc. Note location and report it to Site Coordinator.
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HEEP AMERICA BEAUTIFUE	Event Site: Und Blach Cleanup Date: April 3024	keep kips of the second

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(ma) V (i)	
Name of Organization if participating with a group	
Name Time Candeen Email Address 13425 Elison Wilson Rocity/State/Zip_JUND Blach, Pl Telephone 624691	1)
Addiess / C / C / C / C / C / C	
I, the undersigned, have read the volunteer guidelines below and agree to the above waiver of tability	n.
Signature (Signature of adult responsible for student groups if applicable)	
Indicate ADULT T-shirt Size: Small Medium Large XLarge 2XL (Note: T-shirts, or other promotional items, will be distributed to volunteers while supplies last)	

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# begins 8:30am April 30th

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The unice signed to the AM	Kids- Palm Beach	
Name of Organization if participating with a group <u>AM</u>	The hand	
Name Lish Fluet	Email	
Address	City/Strite/Zip	Telephone
I, the undersigned, have read the volunt	eer guidelines below and agree to the above Signature	Mist
Signature (Signature - 544 aun spunder 18)	(Signature of adult respon	sible for student groups if applicable)
Indicate ADULT T-shirt Size: Small Medium Li be distributed to volunteers while supplies last)	arge XLarge 2XL (Note: 7	-shirts, or other promotional items, will

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TEEP AMERICA BEAUTIFUE	Event Site:	beepidsbeeusikili.enu

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The analisis, iow contains	(Inn Vin)
Name of Organization if participating with a group	
Name Follow Recit	Email
Address 1 3425 Elison Whilson Rol city	State/Zip JUNO Beach, Telephone 624-694
	F1.33408
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	Can don'the Illulchal
(Signature ( ,	(Signature of adult responsible for student groups if applicable)
	V stand stall
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	Event Site: Duro Beach Cleanup Date: April 3013	наериотовенийни ниц

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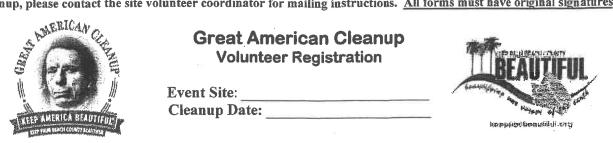
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Name of Organization if participating with a group
Name Joclym Wilson Email Address 3425 Elison Wilson Recity/State/Zip Jono Beach Telephone Bozer-694
Signature, (Signature) (Signature) (Signat
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Name	Brundly Jan	BaphSt Email	
Address	0	City/State/Zip	Telephone

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Signature Aun 10- Mich US (Signature of parent or legal guardian if under 18)	Signature
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V	~ /
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AND	Great American Cleanup Volunteer Registration			
VEEP AMERICA BEAUTIFUL	Event Site: Juni Beach Cleanup Date: April 3044	pro-Hidshadeduction		

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The understance volumes intervent	ANALKIDS	
Name of Organization if participating with a group	ANTICIOO	
Name Michelle Miller	Email	
Address	City/State/Zip	Telephone

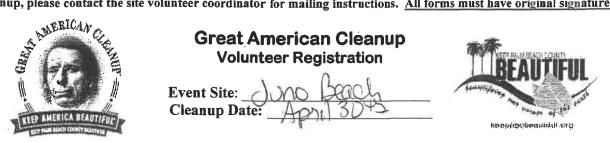
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Signature (Signature Concernence Source and Upunder 18)	(Signature of adult responsible for student groups if applicable)
Indicate ADULT T-shirt Size: Small Medium Lar be distributed to volunteers while supplies last)	geXLarge2XL (Note: T-shirts, or other promotional items, will

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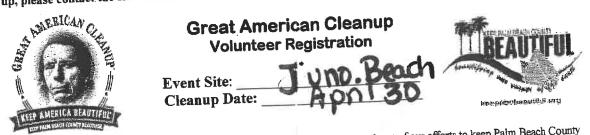
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***The undersigned volunteer understands and when a AMIKIDS
Name of Organization if participating with a group
Name <u>Giovanni Kiviera</u> Email
I, the undersigned, have read the volunteer guidelines below and agree to the above valver of liability.
Signature of narent or legal guardian it under 18) (Signature of dult responsible for student groups of upper
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### **Street Sweeping Program**

There are approximately 4 miles of public roadway which are in the Town of Juno Beach Street Sweeping Program. Roadways without curb and gutter, and roadways not owned/maintained by Juno Beach, are not included in the program. Those roads not owned by Juno Beach are maintained by the Florida Department of Transportation of Palm Beach County Highway Department.

The frequency of sweeping is on a quarterly schedule.

Frequency has been established based on historical information about collected amounts over the past 20 years. Those areas swept are the priority areas.

Documentation of volume of street sweeping collection is kept in a log book by date and is summarized for reporting each year.

An estimate of the total phosphorus and total nitrogen collected by the street sweeping is performed based on the Florida Stormwater Association's determinations of street sweeping removal rates project. For this calculation, the land use of the area swept and the amount of material collected is needed. The log below is used for recording this information.

	Street Sweeping Collection	on Log	
Date	Amount Collected (units)	Land Use of Area Swep	
4-18-19	3.2 64	ROW	
7-26-19	2.B CY	Row	

All street sweeping collection is properly disposed of in accordance with DEP's "Guidance For The Management Of Street Sweepings, Catch Basin Sediments and Stormwater System Sediments."

A sample of the format used to calculate total phosphorus and total nitrogen by the Town of Juno Beach is noted on the attached page.

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10-12-18	3.1 CY	ROW			
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### Florida Stormwater Association Street Sweeping Nutrient Removal Rates

Based on the May 31, 2011 Final Report "Quantifying Nutrient Loads Associated with Urban Particulate Matter (PM), and Biogenic/Litter Recovery Through Current MS4 Source Control and Maintenance Practices" and Table 8 in the report (pg.41), the following values may be used to estimate nutrient removal values from street sweeping activity:

Median Value of Nutrient Removal per Unit Material Collected			
Total Phosphorus	Total Nitrogen		
0.000361	0.000563		

#### Example Calculations:

In fiscal year 2010, Palm Beach County collected 1,915 cubic yards of material with the street sweeping program. Assuming the average density of the street sweeping material is 750 pounds per cubic yard,\* then 1,436,250 pounds were collected. Using the table above, the total phosphorus removed would be estimated at (1,436,250)(0.000361) = 518 pounds. The total nitrogen removed would be estimated at (1,436,250)(0.000563) = 809 pounds.

Last year the Town of Jupiter collected 35.8 dry tons (71,600 pounds) of street sweeping material from residential areas. The estimated nutrient removal rates for total phosphorous and total nitrogen would be (71,600 pounds)(0.000361) = 26 pounds, and (71,600)(0.000563) = 40 pounds, respectively.

\* This assumption is based on a study done by the City of Tampa.

### PART III.A.6 PESTICIDES, HERBICIDES AND FERTILIZER APPLICATION

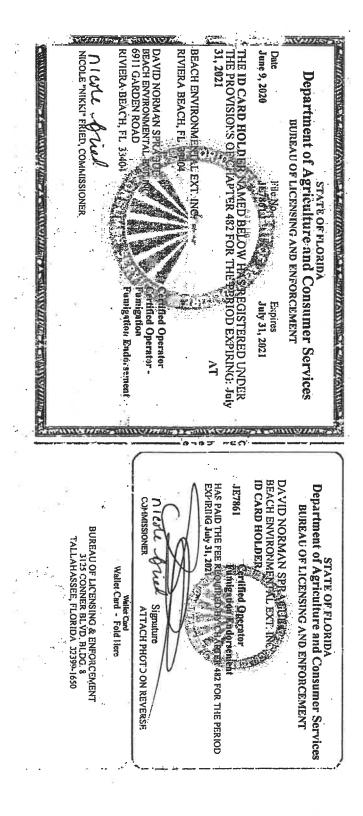
### Florida Department of Agriculture and Consumer Services

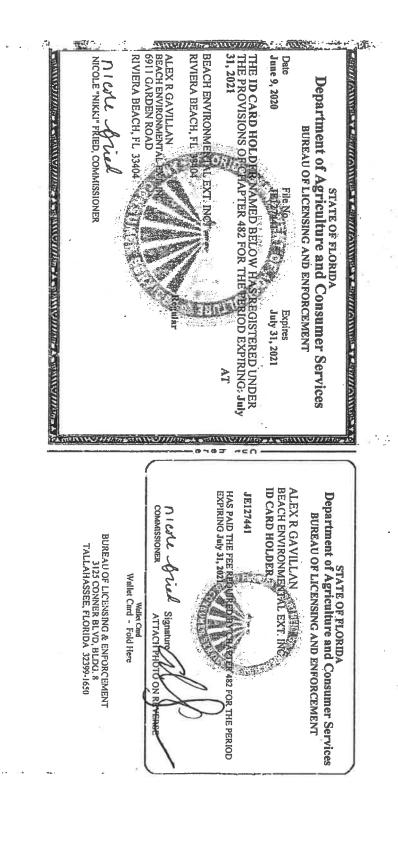
### **Pesticide Certification Office**

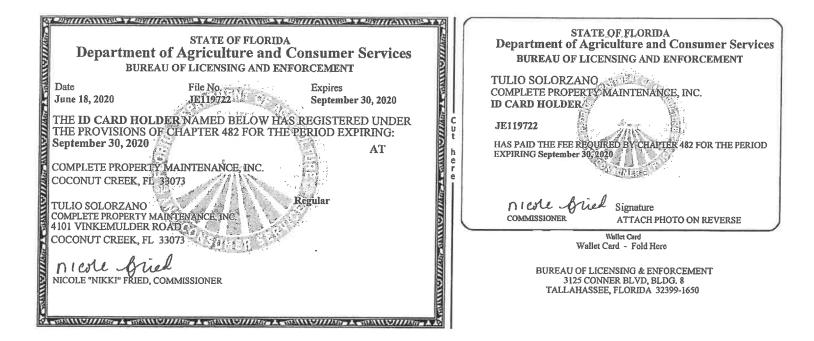
This card is your license. It authorizes you, the license holder, to purchase and apply Restricted Use Pesticides (RUPs). Please sign your card and keep it with you when applying or purchasing RUPs.

	Certification Office
Public A	plicator License
Licens	e # PB10318
JOHNSON, DAVID RUNE	Categories
7343 165TH ST N	X
PALM BCH GDNS, FL 33418	
Issued: July 30, 20,9	Expires: July 31, 2023
Stansture of Licensee	niere friel
Signature of Licensee / /	NICOLE "NIKKI" FRIED, COMMISSIONER
The above individual is formated ander the provisions	of Chapter 457, F.S. to purchase and apply restricted men

Finrida Be







NICOLE "NIKKI" FRIED, COMMISSIONER		COMPLETE PROPERTY MAINTENANCE, INC. Lawn and Ornamental 4101 VINKEMULDER ROAD COCONUT CREEK, FL 33073	4101 VINKEMULDER ROAD COCONUT CREEK, FL 33073	THE FEST CONTROL COMPANY FIRM NAMED BELOW HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 482 FOR THE PERIOD EXPIRING: September 30, 2020 AT	Date File No. Expires September 4, 2019 JB6129 September 30, 2020	BUREAU OF LICENSING AND ENFORCEMENT	STATE OF FLORING A CONTRACT CONT
BUREAU OF LICENSING & ENFORCEMENT 3125 CONNER BLVD, BLDG. 8 TALLAHASSEE, FLORDA 32399-1650	Wallet Card - Fold Here	ON LOUG Gued Signature		JB6129     HAS PAID THE FEE REQUIRED BY CHAPTER 482 FOR THE PERIOD     EXPIRING September 30, 2020	4101 VINKEMULDER ROAD PEST CONTROL COMPANY FIRM	BUREAU OF LICENSING AND ENFORCEMENT	STATE OF FLORIDA Bepartment of Agriculture and Consumer Sectoices

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### PART III.A.7 ILLICIT DISCHARGES AND IMPROPER DISPOSAL



### Memorandum

To:	Tony Meriano
From:	Lynn Hamel
Date:	1/27/2020
Re:	NPDES Report – Compliance Documents / Information 9/30/18 – 10/1/19

Hello Tony,

This is a summary of activities / incidents relative to stormwater and / or contaminant runoff that were addressed by Juno Beach Code Enforcement with various Juno Beach property owners and / or contractors doing business within Juno Beach during the above-noted time period.

If you have any questions, please feel free to contact me for clarification.

- <u>November 19, 2018</u>: Staff issued a Warning Letter to the owner of 480 Mars Way regarding the placement of various un-containerized garbage / waste materials adjacent to the roadway. *Un-containerized garbage / waste materials were removed.*
- <u>November 28, 2018</u>: Staff issued a Warning Letter to the owner (and general contractor) of 140 Ocean Drive requiring that control measures be implemented to prevent the erosion / deposition of sand, dirt, rock, or other materials into the adjacent roads / right-of-ways. *Corrective actions to minimize erosion and to remove the sand, dirt, etc. from the adjacent roads / right-of-ways were implemented.*
- <u>December 3, 2018</u>: Staff issued a Warning Letter to the owner (and general contractor) of 845 Ocean Side Drive requiring the removal of construction materials from adjacent roads / right-of-ways. *Construction materials were removed*.



- <u>February 1, 2019</u>: Staff issued a Notice of Violation to the owner (and general contractor) of Lots 1 & 2 Ocean Ridge Way requiring that control measures be implemented to prevent the erosion / deposition of sand, dirt, rock, or other materials into the adjacent roads / right-of-ways. *Corrective actions to minimize erosion and to remove the sand, dirt, etc. from the adjacent roads / right-of-ways were implemented*.
- <u>May 7, 2019</u>: Staff issued a Warning Letter to the owner of 481 Olympus Drive regarding the placement of various un-containerized vegetation / garbage / waste materials adjacent to the roadway. *Un-containerized vegetation / garbage / waste materials were removed.*
- <u>August 8, 2019</u>: Staff issued a Notice of Violation to the owner (and general contractor) of 441 S Lyra Circle requiring that control measures be implemented to prevent the erosion / deposition of sand, dirt, rock, or other materials into the adjacent roads / right-of-ways. *Corrective actions to minimize erosion and to remove the sand, dirt, etc. from the adjacent roads / right-of-ways were implemented*.
- <u>November 1, 2019</u>: Staff issued a Notice of Violation to the owner of 14041 US Highway 1 and three additional adjacent vacant parcels requiring that control measures be implemented to prevent the erosion / deposition of sand, dirt, rock, or other materials into the adjacent roads / right-of-ways. Note: Additional code violations were included on the issued NOV.) *Corrective actions to minimize erosion and to remove the sand, dirt, etc. from the adjacent roads / right-of-ways are expected to be completed by February 22, 2020.*

Warning Letters / Notices of Violation noted above are included as attachments to this correspondence.

Additionally, copies of the year's Activity Reports on which is noted relevant information regarding stormwater and / or contaminant run-off are also attached. (Please see highlighted portions of these Activity Reports.)

If you have any questions or need additional information, please contact me.

Thank you,

Lynn Hamel Code Compliance Officer Town of Juno Beach 561/627-0818

#### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: 11-18 - 18	
Address of Facility OR General Description of Area Inspected:	480 MARS WAY
Identification of MS4 component that could receive discharge f	from this site/area: <u>N/A</u>
If Facility inspection, does type of business require an MSGP?	Yes No/
If yes, does this facility have one?	Yes No
Findings:	
Evidence of illicit connections to storm sewer?	Yes No
Evidence of dumping/spills to storm sewer?	YesNo_
Evidence of wash water going to storm sewer?	Yes No
Storage tanks leaking or improperly contained?	Yes No
Stockpiles/debris piles uncontained?	YesNo

If "yes," to any above, describe:

On side of street - removed next day

Type of Enforcement Action Taken: <u>Letter of Warning</u>

Date to verify elimination: <u>11 - 19 - 183</u>

### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: <u>11-27-18</u>				
Address of Facility OR General Description of Area Inspected: _	140 Ocean Dine			
Identification of MS4 component that could receive discharge from this site/area: <i>NJA</i>				
If Facility inspection, does type of business require an MSGP?	YesNo			
If yes, does this facility have one?	Yes No			
Findings:				
Evidence of illicit connections to storm sewer?	YesNo			
Evidence of dumping/spills to storm sewer?	YesNo			
Evidence of wash water going to storm sewer?	Yes No			
Storage tanks leaking or improperly contained?	Yes No			
Stockpiles/debris piles uncontained?	Yes_/ No			

If "yes," to any above, describe:

Centrol measures not being used to prevent
erosion of land. Dirt & sond washing into street
Erasion controls put in place
- 
Type of Enforcement Action Taken: WARWING letter from Code Compliance
Date to verify elimination:

Date of Referral to FDEP of facility that may require MSGP: \_\_\_\_\_\_\_

#### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: <u>12-3-18</u>	
Address of Facility OR General Description of Area Inspected: _	845 Ocann Side Drive
Identification of MS4 component that could receive discharge f	rom this site/area:
If Facility inspection, does type of business require an MSGP?	Yes No
If yes, does this facility have one?	Yes No
Findings:	
Evidence of illicit connections to storm sewer?	Yes No/
Evidence of dumping/spills to storm sewer?	Yes No
Evidence of wash water going to storm sewer?	Yes No
Storage tanks leaking or improperly contained?	Yes No
Stockpiles/debris piles uncontained?	YesNo

If "yes," to any above, describe:

Construction meterials on right of way Materials were removed 

Type of Enforcement Action Take	: WALNING	Letter	
, ,	_	- · · · · · · · · · · · · · · · · · · ·	
Date to verify elimination:	3-18		

Date of Referral to FDEP of facility that may require MSGP: <u>N/A</u>

### Proactive Illicit Discharge/Illegal Connection Inspection Form

p.
Lot 1 g 2 Ocean Lisce Why
from this site/area:
YesNo_
Yes No
Yes No
Yes No
Yes No
Yes No
YesNo

If "yes," to any above, describe:

G	Wactor	· needs	erosion	control	1. Depou	ition of
					into read	
						f Way
	leaner	1		7		. /

Type of Enforcement Action Taken: Nonce of Violation

Date to verify elimination: \_\_\_\_\_\_

Date of Referral to FDEP of facility that may require MSGP:  $\mathcal{N}/\mathcal{A}$ 

#### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: 5-7-19	~ ·
Address of Facility OR General Description of Area Inspected:	481 Olympus Drive
Identification of MS4 component that could receive discharge	
If Facility inspection, does type of business require an MSGP?	Yes No_
If yes, does this facility have one?	Yes No
Findings:	
Evidence of illicit connections to storm sewer?	Yes No
Evidence of dumping/spills to storm sewer?	Yes No
Evidence of wash water going to storm sewer?	YesNo
Storage tanks leaking or improperly contained?	YesNo
Stockpiles/debris piles uncontained?	YesNo

If "yes," to any above, describe:

\_\_\_\_\_Uncontainerized vegetation and waste materials agaient to right of way All materials were removed immediately

Type of Enforcement Action Taken: WARNING LETTER

Date to verify elimination: 5/7/19

Date of Referral to FDEP of facility that may require MSGP:

#### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: 8-8-19	
Address of Facility OR General Description of Area Inspected:	441 Joth Lyra Circle
Identification of MS4 component that could receive discharge	
If Facility inspection, does type of business require an MSGP?	Yes No
If yes, does this facility have one?	Yes No
Findings:	
Evidence of illicit connections to storm sewer?	Yes No
Evidence of dumping/spills to storm sewer?	Yes No_
Evidence of wash water going to storm sewer?	Yes No
Storage tanks leaking or improperly contained?	Yes No_
Stockpiles/debris piles uncontained?	Yes 🔨 No

If "yes," to any above, describe:

General contractor failed to implement prosion control to prevent soil of SAND from R.O.W. Corrective actions taken

Type of Enforcement Action Taken: Nonce of Violation - Cose Compliance

Date to verify elimination: <u>8-8-19</u>

Date of Referral to FDEP of facility that may require MSGP: \_\_\_\_\_\_

### Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: <u>//-/-/9</u>	
Address of Facility OR General Description of Area Inspected:	14041 US Kapway 1
Identification of MS4 component that could receive discharge f	from this site/area:
If Facility inspection, does type of business require an MSGP?	YesNo
If yes, does this facility have one?	Yes No
Findings:	
Evidence of illicit connections to storm sewer?	Yes No
Evidence of dumping/spills to storm sewer?	Yes No_
Evidence of wash water going to storm sewer?	YesNo_
Storage tanks leaking or improperly contained?	Yes No
Stockpiles/debris piles uncontained?	Yes_V_No

If "yes," to any above, describe:

Fail to install crossion control cause dirt and sand into adjacent roadway. Install croision control devises and clean road

Type of Enforcement Action Taken: Norme of Violation .....

Date to verify elimination: 2 - 22 - 30

### PART III.A.9 CONSTRUCTION SITE RUNOFF

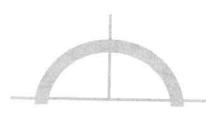
### Part III.A.9.A - Private Site Plan Approvals

- 1. 13893 Oleander Avenue
- 2. 842 Oceanside Drive
- 3. 451 South Juno Lane
- 4. 845 Oceanside Drive
- 5. Loggerhead Marinelife Center Expansion 14700 U.S. Highway One
- 6. 381 Ocean Drive
- 7. 370 South Juno Lane
- 8. 282 Celestial Way

Active construction sites inspected:

No ERP or CGP required for any work this Cycle

842 Oceanside, Residential Home, 0.12 acres, 2 Site Visits
Loxahatchee River District Force Main Extension in Zenith Lane, < 1 acres, 1 site visit.</li>
370 S. Juno In, Residential Home, 0.19 acres, 2 site visits
483 Ocean Ridge, Townhome, 0.05 acres, 2 site visits
451 S. Juno Ln., Residential Home, 0.21 acres, 2 Site Visits
13801 Oleander Ave., Residential Home, 0.18 acres, 3 site Visits
Oceanside Lot 2, Townhome, 0.05 acres, 1 site visit



#### SIMMONS & WHITE 5601 Corporate Way, Suite 200 West Palm Beach, FL 33407 561.478.7878 | 561.478.3738 www.simmonsandwhite.com

# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	483 Ocean Ridge Way	Job No.	19-004.9	
Client	Town of Juno Beach	Date	8/8/19	Lug
Contractor	N/A	Time	10 am	
Subcontractor	N/A	Weather	sunny	
Contact	Curt - TOJB			

### DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering final inspection on the above project. All construction observed appeared to meet applicable TOJB minimum standards.

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Ву	Paul Buri	

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# CONSTRUCTION FIELD OBSERVATION REPORT

SIMMONS & WHITE 5601 Corporate Way, Suite 200 West Palm Beach, FL 33407 561.478.7878 | 561.478.3738 www.simmonsandwhite.com

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Project Name	483 Ocean Ridge Way	Job No.	19-004.9
Client	Town of Juno Beach	Date	4/25/19
Contractor	. N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt - TOJB		

### DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering progress inspection on the above project. All construction observed appeared to be in accordance with applicable TOJB minimum standards.

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Ву	Paul Buri	

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**SIMMONS** WHITE

# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	370 S. Juno	Job No.	18-004.11
Client	Town of Juno Beach	Date	1/25/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Frank - TOJB		

#### DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering progress inspection on the above project. All construction observed appeared to be in accordance with applicable TOJB minimum standards.

Ву	Paul Buri

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# CONSTRUCTION FIELD OBSERVATION REPORT

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Project Name	370 S. Juno	Job No.	18-004.11	
Client	Town of Juno Beach	Date	1/25/19	
Contractor	N/A	Time	10 am	
Subcontractor	N/A	Weather	sunny	
Contact	Curt/Tony M TOJB	i		

#### DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering progress inspection on the above project. Informed contractor that sediment being tracked onto adjacent street would need to be cleaned up and pollution control measures would need to be improved.

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Ву	Paul Buri	Kisz	

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# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	Juno Dunes	Job No.	
		2011 001	19-004
Client	Town of Juno Beach	Date	5/2/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	rain
Contact	Cherie Sova, P.E. – Civil Solutions Curt Thompson - TOJB		

#### DETAILS

Today I met with Curt Thompson of Town of Juno Beach and Cherie Sova to review the rear yard drainage at the above referenced community. A concern was raised that the extension of patios from the rear of several units was preventing runoff from draining in a westerly direction as intended between the retaining wall/property line and the units. Upon observation of the conditions along the north side of the buildings containing units1-4, 5-8, 9-12 and 13-16 that border the north property line, it appears that there are several units that have extended patios beyond the 5' patio that was originally constructed with the buildings which are impeding runoff from flowing along the north side of these buildings.

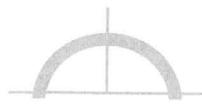
Also observed were roof drain downspouts for each building that are piped underground and appear to tie into a main trunk drainage line that runs along the north side of the buildings in this same vicinity. It is not clear where this pipe outfalls or connect to any system and this system is not shown in the approved plans or as builts for the project. There were two yard drains observed with inverts in the east-west direction as well as to the north.

We also observed the condition in the rear of unit 48, which recently installed a patio beyond the original 5'. It appears that during the construction of the patio, existing drainage patterns were not maintained and that the patio construction may impede surface runoff flow in this area. As this patio is newly constructed, observations should be made during the upcoming rainy season to determine if additional measures need to be taken by this property in order to provide positive drainage to the area along the north side of this building.

By

Paul Buri





## CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	Juno Dunes	Job No.	19-004
Client	Town of Juno Beach	Date	6/14/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Lynn and Curt - TOJB		

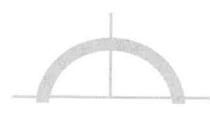
#### DETAILS

Today I met with Curt and Lynn of Town of Juno Beach to review the rear yard drainage at the above referenced community as a follow up to the observation done on 5/2/19. Observation of the conditions along the north side of the buildings containing units1-4, 5-8, 9-12 and 13-16 that border the north property line, specifically roof drain downspouts for each building that are piped underground and appear to tie into a main trunk drainage line that runs along the north side of the buildings in this same vicinity. It is not clear where this pipe outfalls or connect to any system and this system is not shown in the approved plans or as builts for the project. There were two yard drains observed with inverts in the east-west direction as well as to the north. Based on the conditions observed, it appears that the installed roof drain/yard drain system discharges to the private property to the north.

By Paul Buri AR

SIMMONS





Project Name	451 S. Juno Lane	Job No.	19-004.7
Client	Town of Juno Beach	Date	7/25/19
Contractor	<sup>1</sup> N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Frank/Curt - TOJB		

## DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering final inspection on the above project. All construction observed appeared to meet applicable TOJB minimum standards.

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Ву	Paul Buri	Tus	

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# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	451 S. Juno Lane	Job No.	19-004.7
Client	Town of Juno Beach	Date	4/25/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Frank/Curt - TOJB		

## DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering progress inspection on the above project. All construction observed appeared to be in accordance with applicable TOJB minimum standards.

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Ву	Paul Buri	TA	3/	

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# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	Oceanside Lot 2	Job No.	15-004.14
Client	Town of Juno Beach	Date	2/14/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt - TOJB		

#### DETAILS

Today I met with Curt of Town of Juno Beach to conduct the engineering final inspection on the above project. All construction observed appeared to meet applicable TOJB minimum standards.

Ву	Paul Buri person	





# CONSTRUCTION FIELD OBSERVATION REPORT

Project Name	Loxahatchee River District Force main extension	Job No.	19-004.2
Client	Town of Juno Beach	Date	9/14/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt/Tony M TOJB		1

#### DETAILS

Today I met with Curt of Town of Juno Beach to conduct the engineering final inspection on the above project. All construction observed appeared to meet applicable TOJB minimum standards.

Ву	Paul Buri	





Project Name	13801 Oleander	Job No.	18-004.9	
Client	Town of Juno Beach	Date	9/12/19	MU VL LUMA
Contractor	N/A	Time	10 am	
Subcontractor	N/A	Weather	sunny	
Contact	Curt - TOJB			

## DETAILS

Today I met with Town of Juno Beach Staff to conduct the engineering final inspection on the pool portion of the above project. Previous deficient items were corrected. All construction observed appeared to meet applicable TOJB minimum standards.

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Ву	Paul Buri

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Project Name	13801 Oleander	Job No.	18-004.9
Client	Town of Juno Beach	Date	3/7/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt/Tony M TOJB		

#### DETAILS

Today I met with Town of Juno Beach Staff to conduct the engineering final inspection on the site portion of the above project. All construction observed appeared to meet applicable TOJB minimum standards.

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Ву	Paul Buri	3		anda Tayar ta'na affa agar gan 'e ballan gaant

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**SIMMONS** WHITE

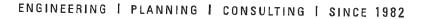
## CONSTRUCTION FIELD OBSERVATION REPORT

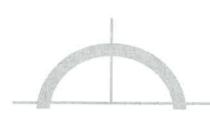
Project Name	13801 Oleander	Job No.	18-004.9
Client	Town of Juno Beach	Date	8/29/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt - TOJB		

#### DETAILS

Today I met with Town of Juno Beach Staff to conduct the engineering final inspection on the pool portion of the above project. Sod was not placed around the pool and several of the yard drains were not visible/buried. These items will need to be corrected prior to acceptance.

	$\bigcirc$	
Ву	Paul Buri	Photos





## CONSTRUCTION FIELD OBSERVATION REPORT

A REAL PROPERTY AND A REAL PROPERTY OF A REAL PROPE	the second se		
Project Name	842 Oceanside	Job No.	19-004.5
Client	Town of Juno Beach	Date	5/2/19
Contractor	N/A	Time	10 am
Subcontractor	N/A	Weather	sunny
Contact	Curt - TOJB		

## DETAILS

Today I met with Town of Juno Beach Staff to conduct the engineering progress inspection on the above project. All construction observed appeared to be in accordance with applicable TOJB minimum standards.

By Paul Buri





Project Name	842 Oceanside	Job No.	19-004.7	
Client	Town of Juno Beach	Date	3/7/19	
Contractor	N/A	Time	10 am	
Subcontractor	N/A	Weather	sunny	······································
Contact	Frank/Curt - TOJB			

## DETAILS

Today I met with Town of Juno Beach Staff to conduct an engineering final inspection on the above project. All construction observed appeared to meet applicable TOJB minimum standards.

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Ву	Paul Buri	tesz	



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STORM WATER M Stormwater, Erosion, and Sediment certified through the Florida I ひろうびろう June 27, 2000 has successfull Greg Knecht The undersigned hereb metal DEPARTA N.O. 1 the reg Dep ion Control Inspector Training Program MANAGEMENT nent of Environmental Protection acknowledge that is necessary to be fully Janiel R. Defliest Inspector # 393 Daniel R. DeWiest

## QUALIFIED STORMWATER MANAGEMENT INSPECTOR

The undersigned hereby acknowledges that

## Paul A. Buri

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

Leather Ritch .

Heather Ritchie

September 8, 2008 Inspector Number 20326 8 PDHs—Provider 4049

John Abendroth