

Annual Report Form For Individual NPDES Permits For Municipal Separate Storm Sewer Systems (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy
 the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by email to the NPDES Stormwater Program Administrator or to the MS4 coordinator (http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm). Files larger than 10MB may be placed on the FTP site at: flp://flp.dep.state.fl.us/water/stormwater/npdes/contacts.htm). Files larger than 10MB may be placed on the FTP site at: flp://flp.dep.state.fl.us/pub/NPDES_Stormwater/. After uptoading files, email the MS4 coordinator or NPDES Program Administrator to notify them the report is ready for dewnleading; 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

Α.	Permittee Name: City of South B	ay		
B .	Permit Name: Palm Beach Count	ty MS4		
	Permit Number: FLS000018-004			
	Annual Report Year: 🔲 Year 1	Year 2 Year 3 x	Year 4	Year 5 🔲 Other, specify Year:
	Reporting Time Period (month/ye	ear): October / 2019 throug	h September	/ 2020
	Name of the Responsible Author	ity: Leondrea Camel		
	Title: City Manager			
	Mailing Address: 335 SW 2 nd Ave	enue		
	City: South Bay, FL	Zip Code: 334	93	County: Palm Beach
	Telephone Number: 561-996-67	51	Fax Num	ber: 561-996-7950
	E-mail Address: camell@southba	aycity.com		
	Name of the Designated Stormw Edgar W. Kerr	ater Management Program	Contact (if di	fferent from Section I.F above):
	Title: Public Works Director			
	Department: Public Works			
	Mailing Address: 335 SW 2 nd Av	enue		
	City: South Bay, FL	Zip Code: 334	193	County: Palm Beach
	Telephone Number: 561-996-67	51	Fax Num	ber: 561-996-7950
	E-mail Address: kerre@southbay	ycity.com		
	TION IL MS4 MAJOR OUTFA	LL INVENTORY (Not Appl	icable in Ye	ar I)
	Number of outfalls ADDED to the (Does this number include non-p	e outfall inventory in the cur najor outfalls?	rent reporting	year (insert "0" if none): 0 ot Applicable)
	Number of outfalls REMOVED fr	rom the outfall inventory in t	he current rep	porting year (insert "0" if none): 0

C, Is the change in the total number of outfalls due to lands annexed or vacated? 🖸 Yes 🔲 No 🔯 Not Applicable

SECT	ION III. PART V.B. ASSESSMENT PROGRAM
	Provide a brief statement as to the status of water quality monitoring plan implementation. Status may include sampling frequency changes, monitoring location changes, or sampling waiver conditions. <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.
	Name and date of the approved plan; Current approved plan for the Group Monitoling Plan is September 6, 2016.
A.	Status: The group Monitoring Report is included in the Cycle 4, Year 2, Joint Annual Report. South Bay's Assessment Plan was submitted to FDEP on March 6, 2018 and approval by FDEP June 05, 2019.
В.	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. Refer to the Cycle 4, Year 2, Joint Annual Report for a summary of the Group's Water Quality Monitoring results for the reporting period. The Group's Pollutant Loading estimates will be included in the Cycle 4, Year 3, Joint Annual Report. Although the attached City of South Bay Water Quality Monitoring Plan has been prepared based on the submitted Year 1 Assessment Plan.
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. Refer to attached City of South Bay Water Quality Monitoring Report.

SECT	ION IV. FISCAL ANALYSIS
A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$3,000
8.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$3,000
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.

Attached	<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	
	×	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
		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	City's Water Quality Monitoring Report
		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	
	×	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	
		YEAR 3: Summary of TMDŁ Monitoring Results (if applicable).	Part VIII.B.2	
		YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
		YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from development.	Part III.A.2	No Changes
		YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7. a	No Changes
	×	 YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. The monitoring plan (with revisions, if applicable). If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate. 	Part V.B.3 Part V.A.3	Refer to Joint Annua Report
		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.

Date:

01/19/21

Name of Responsible Authority (type or print): Leondrae D. Camel

Title:

Signature:

City Manager

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Structural Controls and Stormwater Report the current known inventory. Report the number of inspection and m total inventory of each type of structure Note: Delete structures that are not in y with the unit of measurement in the dod measurement in the dod If the minimum inspection Table II.A.1.a. were not met, provide explanation of why they were not actions that will be taken to ensure	ermit Citation/
Report the current known inventory. Report the number of inspection and matotal inventory of each type of structure <i>Note: Delete structures that are not in yw</i> <i>with the unit of measurement in the doc</i> Type of Structure Exfiltration trenc Inlets / Inlets / In	Stru
Report the number of inspection and ma total inventory of each type of structure Note: Delete structures that are not in yv with the unit of measurement in the doc Type of Structure Exfiltration trenc pl Exfiltration trenc pl Inlets / Table II.A.1.a. were not met, provid explanation of why they were not a actions that will be taken to ensure	Rep
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If the minimum inspection fr Table II.A. 1.a. were not met, provide explanation of why they were not an actions that will be taken to ensure	

			CO OF							No	Re	Part III.A.3 Ro	AS N	Summary Lin	Part III.A.2	Pro		1	Pro	Т	T	Re	Part III.A.2 An	S	Summary Li	Part III.A.1 Str	Pro	Permit Citation/ SWMP Element	,		SECTION VII. STO
Adopt-A-Road: To	Trash Pick-up Events: Estimated amount of li	Trash Pick-up Events: Tr	³ TIONAL: If an Adopt-A-Road or similar program is implemente llected. If you do not participate in an Adopt-A-Road program, i	CONTRACTOR Litter Control: Estimated amount of Ii	CONTRACTOR Litter Control: Estimated amount of ar	CONTRACTOR Litter Control: Frequency	PERMITTEE Litter Control: Estimated amount of li	PERMITTEE Litter Control: Estimated amount of ar	PERMITTIEE Litter Control: Frequency	te: If the permittee does not contract activities, delete CONTR.	sport on the litter control program, including the frequency of litt the activities, and an estimate of the quantity of litter collected.	adways	VMP revisions implemented to address limitations: None	nitations: None	rengths: Works in conjunction with South Florida Water N	ovide an evaluation of the Stormwater Management Program a	Year 4 ONLY: Attach the follow-up report on play	Year 2 ONLY: Atlach the summary report of t	ovide in the Year 2 Annual Report the summary report of the re	Number of significant development p	humber of similicant development	port the number of significant development projects, including mmwater considerations.	eas of New Development and Significant Redevelopment	VittP revisions implemented to address limitations: None	milations: Maintenance can be difficult to schedule becau	rengths: inspecting as many times as possible.	ovide an evaluation of the Stormwater Management Program a	Permit Requirement/Quantifiable SWMP Activi	\$		RIMMATER MANAGEMENT PROGRAM (SWMP) SUMMARY
stal miles cleaned	itter collected (cy)	otal miles cleaned	ed, report the total nur report "0".	tter collected (cy)	'ea maintained (If)	of litter collection	itter collected (cy)	'ea maintained (If)	of litter collection	ACTOR activities.	ter collection, an estim				anagement District	occording to Part VI.B.	n implementation	he review activity	wiew activity. Provide	anijects approved	wolects reviewed	new and redevelopme			se of time restrains.		ccording to Part VI.B.	ity			TABLE
2	1.4 tons	18 miles	nber of road mile	Daily	18 miles	Daily	24	18 Miles	Daily		ate of the total m					2 of the permit.	0	0	in the Year 4 An	0	9	ent, reviewed and					2 of the permit.	Activities	Wurnhest of	2	
Daily Pickup	SWA Report	SWA Report	s cleaned and an et	3.2 tons	18 miles	Daily	Collection reports	SWA Report	Collection		umber of road miles			1			Phone call		nual Report the follo	Pennit Tiracking	Pennits.	approved by the pe						/ Record		P	
City of South Bay	ΡW	PW	stimate of the quanti	0	0	0	PW	PW	PW		cleaned or amount						Planning Dept.		ow-up report on plan	Planning Dept.	Planning Dept.	rmittee for post-dev						Performing the Activity	Entity	Į.	
NW 1st St	Contract Service	Contract Service	ty of litter	Not Contracted	Not Contracted	Not Contracted	2cy/month	Staff	Staff		of area covered						No changes		implementation.			elopment						Comments		71	

Part III.A.3 Strength Part III.A.4 Flood Co Part III.A.4 Flood Co include st include st it was not drainage Floo	Part III.A.3 Summary Limitatio Summary Report th include st it was not drainage	Part III.A.3 Summary Limitatio Summary Field Co Part III.A.4 Flood Co Flood Co Report th include st it was not drainage Floo	Part III.A.3 Summary Limitatio Summary Field Co Part III.A.4 Flood Co Part III.A.4 Report th include st it was not drainage Floo	Part III.A.3 Strength Part III.A.4 Flood Co Part III.A.4 Flood Co include st it was not drainage	Part III.A.3 Strength Part III.A.4 Flood Co Part III.A.4 Flood Co include st it was not drainage	Part III.A.3 Strangth Summary Limitatio Swing re Part III.A.4 Flood Co Flood Co include st include st it was not drainage	Part III.A.3 Strength Summary Limitatio Strang as Part III.A.4 Flood Co include st it was not	Part III.A.3 Strangth Summary Limitatio Summary Summary Part III.A.4 Flood Cc	Part III.A.3 Strangth Summary Limitatio	Part III.A.3 Strength Summary Limitatio	Part III.A.3 Strength		Provide a	City of S		Report the				~		Report on total nitro explanatic		Permit Citation/ SWMP Element	A	SECTION VII. STORMWA
Stormwater retrofit projec Stormwater retrofit projects that did not include stor actiment a list of the projects and an expla- n evaluation of the Stormwater Managem	Stormwater retrofit projections and an explanation of the projects that did not include store and an explanation of the projects and an explanatin of the pr	Stormwater retrofit projec Stormwa	Stormwater retrofit projec		d control projects completed that did no	Flood control projects comple	any stormwater retrofit planning activities systems that do not have treatment BMPs	e total number of flood control projects tha ormwater treatment. The permittee shall p	ntrol Projects	visions implemented to address limitat	ns: No limitations	s: Employees have a good understand	n evaluation of the Stormwater Manageme	outh Bay Maintenance Building	Name of Facility	e equipment yards and maintenances sho	Total nitroge	Total abostorio	Estimated quantity of sweepin			the street sweeping program, including th gen and total phosphorus loadings that we on of why not in column F.	Adopt-A-Road: Estimated	Permit Requirement/Quantifiable		TER MANAGEMENT PRODRAM (SWM
anatiom for each of why it did not. ent Program according to Part VI.E	anation for each of why it did not.	mwater treatment, provide as an	tter retrofit projects completed	ts planned/under construction	t include stormwater treatment	ted during the reporting period	and the associated implementation.	it were constructed by the permitte provide a list of the projects where t		tions. None, Wanagement persis	*	ing of the Maintenance Inspectio	ent Program according to Part VI.B			ps that support road maintenance	en loadings removed (pounds)	s loadings removed (pounds)	a material collected (cv / tons)	Total miles suppt	Frequency of street sweeping	re frequency of the sweeping, total re removed by the collection of sw	amount of litter collected (cy)	SWMP Activity		P) SUMMARY TABLE
2.2 OF THE PETITIC	o o af the normit		c	0	0	0	in of retrofitting pro	e during the repor stormwater treatm		itence a most		on requirements.	1.2 of the permit.	2	Number of Inspections	activities, and the	0	0	0		0	miles swept, an e eepings. If no stre	300	Number of Activities Performed	5	
			C T	CP	CIP	Capital Improv Plan	ojects to reduce stor	ting period and the u ent was not include						Maintenance Inspection stheet		number of inspectio	N/A	N/A	N/A	NIA	Aerial coverage	stimate of the quant et sweeping program	Daily Pickup	Documentation / Record	ę.	
			PVV	PX	PW	ΡW	mwater pollutant lo	number of those pro d with an explanatio						PW		ins conducted for ea	N/A	N/A	N/A	N/A	PW	m is implemented, p	City of South Bay	Performing the Activity	5	7
						None this period	ads from existing	in for each of why						NA		ach facility.	N/A	NIA	N/A	N/A	Very little curbs	provide the	Daily Pickup	Comments		A

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												Part III.A.6		Summary					Part III.A.5			Permit Citation/ SWMP Element	A	SECTION VII.	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	Public Education and Outreach Program	Report on the public education and outreach activities that are performed or sponso to reduce their use of pesticides, herbicides and fertilizers including the type and nur and the number of Web site visits (if applicable).	Yean 2 ONLY: Attach copy of adopted Florida-friendly ardinance	Provide a copy of the adopted ordinance with the Year 2 Annual Report. If this provinutrient-impaired water body, indicate that in Column F.	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	PERSONNEL: Green Industry BMP Program training completed	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	PERSONNEL: FOACS while and leadons of pesticides/herbicides	Report the number of permittee personnel who have been trained through the Green applicators of fertilizer who are FDACS certified / licensed.	Report the number of permittee personnel applicators and contracted commercial applications applications and contracted commercial applications applications and contracted commercial applications appl	Pesticides, Herbicides, and Fertilizer Application	SWMP revisions implemented to address limitations: None	Strengths: 0/A Limbsfore: Name	Provide an evaluation of the Stormwater Management Program according to Part Vi	Nome	Name of Facility	Report the applicable facilities and the number of the inspections conducted for each	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by a	SWRIP revisions implemented to address limitations: Projects are on the LMS	Limitations: None	Permit Requirement/Quantifiable SWMP Activity	P	TORSMANATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	
	1	The public outrea the Palm Beach (County Joint Ann information.	ed by the permittee nber of activities cor	Year 2, Cycle 3	sion is not applicable	0	0	0	0	Industry BMP Prog	plicators of pesticid				B.2 of the permit.	0	Number of	facility.	NPDES Stormwat	Priority List		Activities Performed			
11000	Display at City	ch and education p County Co-permitte ual Report for the p	within the permitten nducted, the type and t	ORD No. 09- 2013	because the perm	PHF SOP	PHF SOP	PHF SOP	PHF SOP	ram and the numbe	es and herbicides w					SOP			ber Permit			Documentation / Record	and a	3	
	Comm Dev	lan is carried out as es. Please see the ublic education and	e's jurisdiction to en nd number of mater	South Bay	littee is not within th	PW	PW	PW	PW	er of contracted corr	tho are FDACS cert					ΡW						Entroy Performing the Activity		TT	
		s a joint effort by Palm Beach I outreach	icourage citizens ials distributed,	Refer to Group's Website	le watershed of a	No Application	No Application	No Application	No Application	nmercial	tified / licensed.					No Facility						Comments		71	

CTION VIL S	TORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE	2	3	ħ
A. mit Citation/		Number of	Documentation	Entity
VMP Element	Permit Requirement/Quantinable Swime Activity	Performed	/ Record	Activity
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2	2 of the permit.		
Part III.A.6	Strengths: Public education helps to reduce pollution into the receiving water bo	dies.		
Summary	Limitations: None			
	SWMP revisions implemented to address limitations: None			
art III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforce	ment Measures		
	Report amendments in Year 4.			
	Year 4 ONLY: Attach a report on amendments to applicable legal authority		Commission Minutes	PW
art III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Disch	harges and/or In	iproper Disposal	
	Report on the proactive inspection program, including the number of inspections conduction and type of enforcement actions taken.	cted by the permi	ttee, the number of	illicit activities found
	Proactive inspections for suspected illicit discharges			
			Inspection Form	PV
	illicit discharges found during a proactive inspection	0	Inspection Form	PW
	NOV/WL/citation/fines issued fair illicit discharges found during preactive	0	Inspection Form	Code Enforcement
	Report on the reactive investigation program as it relates to responding to reports of sus number of investigations conducted the number of illicit activities found and the number	spected illicit disc er and type of ent	harges, including th orcement actions ta	e number of reports ken.
T	Reports of suspected illicit discharges received	0	Complaint log	PW
	Reactive investigations of reports of suspected illicit discharges etc.	0	Inspection	PW
	Illicit discharges etc. found during reactive investigation	0	Inspection	PW
	NOV/WL/citation/fines issued for illicit discharges etc. found during reactive	0	Inspection Form	Code
	Report the type of training activities, and the number of permittee personnel and contra	ctors trained (bot	h in-house and outs	ide training) within
	Personnel trained	-	Sign-In Sheet	PBC Steering Committee
	Contractors trained	0	Sign-in Sheet	PBC Steering Committee
art III.A.7.d	Illicit Discharges and Improper Disposal — Splil Prevention and Response			
	Report on the spill prevention and response activities, including the number of spills ad	dressed.		

DEP Form 62-624.600(크 중 고	Part III.A.7.g III		<u>e</u> p 2	Part III.A.7.f III				<u>ت</u> و د	Part III.A.7.e III			R		Permit Citation/ SWMP Element	A	SECTION VIL: STI
2), Effective January 28, 2004		Activity to redu	Activity to redu		eport on the type and number of activiti und and the number resolved, and the filtration incidents into the MS4.	icit Discharges and Improper Dispos		eport on the public education and outre oper use and disposal of oils, toxics, ar stributed, the amount of waste collected	icit Discharges and Improper Dispos	Public displays	m		sport on the public education and outre porting of suspected illicit discharges a aterials distributed, and the number of V	icit Discharges and Improper Dispos			sport the type of training activities, and		Permit Requirement/Qu		DRIMMATER MANAGEMENT PROBE
Page S	SSO incidents discovered	ce/eliminate SSOs and I&I: (description)	ce/eliminate SSOs and I&I: (description)	Owner of the sanitary sewer system	es undertaken to reduce or eliminate SSOs name of the owner of the sanitary sewer sy	al — Limitation of Sanitary Sewer Seepa	Public Education and Outreach Program	ach activities that are performed or sponsor nd household hazardous waste, including th 1 / recycled / properly disposed, and the nur	al Oils, Toxics, and Household Hazar	(e.g., kiosks, storyboards, posters, etc.)	rochures/Flyers/Fact sheets distributed	Public Education and Outreach Program	ach activities that are performed or sponsor nd improper disposal of materials, including Neb site visits (if applicable).	al — Public Reporting	Contractors trained	Personnel trained	the number of permittee personnel and con		antifiable SWMP Activity	H.	ANH (SVWWP) SUMMMARY TABLE
) of 13	0	0	0		and inflow/ infiltration stem within the perror	<u>I</u> Ge	The public outrea the Palm Beach (County Joint Ann information.	e type and number nber of Web site vis	dous Waste Contro	1	250	The public outrea the Palm Beach (County Joint Ann information.	ed by the permittee the type and numb		0	1	tractors trained (bot	-	Number of Activities Performed	P	
	I&I Monthly Activity Report	I&I Monthly Activity Report	I&I Monthly Activity Report	Palm Bea	on, the number of S nittee's jurisdiction.		ich and education pl County Co-permittee ual Report for the p	within the permittee of activities conduct its (if applicable).	9	Display at City Hiatil	Broc/Flyers	ch and education pl County Co-permittee ual Report for the pi	within the permittee er of activities condu		Sign-In Sheet	Sign-In Sheet	h in-house and outs	Incident Report	Documentation / Record	þ	
	PBC Water	PBC Water Utilities	PBC Water Utilities	tch County	SOs or inflow / infilt Report only the SS		fan is carried out as ₃s. Please see the ublic education and	ed, the type and nu		Comm Dev Dept	PBC/SWA	an is carried out as s. Please see the I ublic education and	s's jurisdiction to enurched, the type and i		PBC Steering	PBC Steering Committee	ide training) within t		Entity Performing the Activity	m	
Revised 9/8/2016			No Activity done this period		Os and inflow /		a joint effort by Palm Beach outreach	mber of materials		Illicit dumping		a joint effort by Palm Beach outreach	courage the public number of			6/05/19	the reporting year.		Comments	1	

SECTION VIL 2	STORMWATER MANAGEMENT PROCESS M (SW	MP) SUMMARY TABLE						
A	R			9		þ	m	777
Permit Citation/ SWMP Element	Permit Requirement/Quantifiabl	e SWMP Activity		Numbe Activit		Documentation / Record	Performing the Activity	Comments
		SSO incidents resolv)ed	0		I&I Monthly Activity Report	PBC Water Utilities	
	Inflow /	infiltration incidents discover	e Be	0		I&I Monthly Activity Report	PBC Water	
	Inflow	v / inflitration incidents resolv	èd	0		I&I Monthly	PBC Water	
	For activities required by Part III.A.7: Provide an e	valuation of the Stormwater Ma	anagen	ent Prog	ram acc	ording to Part VI.B.	2 of the permit.	
Part III.A.7	Strengths: Paim Beach County recently acqui	red South Bay's sanitary sys	terns.					-
Summary	Limitations: None Sound Davistere instance to address limit	Tations: Name						
Part III.A.8.a	industrial and High-Risk Runoff Identification	on of Priorities and Procedure	BS TOP I	nspectio	SUC			
	Report on the high-risk facilities inventory, includii	ng the type and total number of	high ri	sk facilitie	es and th	e number of facilitie	s newly added each	i year.
	Nebolt of the high six lactices inspection progra							
	Type of Facility		Number of Facilities	Number of Inspections	Enforcement Actions			
	Op	erating municipal landfills	0	0	0	Floridadep.gov/ waste permitting	PW	
	Hazardous waste treatment, stora	ge, disposal and recovery (HWTSDR) facilities	0	0	0	environ.epa.gov website	PW	
	EPCRA Title III, 1	Section 313 facilities (TRI)	•	0	0	environ.epa.gov	PW	
	Facilities determined as	high risk by the permittee	•	0	0	Illicit Program	PW	
Part III.A.8.b	Industrial and High-Risk Runoff Monitoring	for High Risk Industries						
	Report the number of high risk facilities sampled.							
		High risk facilities samp	iled	0		SOP	PW	
DED Earm 63 634 6	nn/2) Effective Innunc 28 2004	Pag	IA 10 of	ដ				Revised 9/8/2010

Batterior Canadra control Canadra control Canadra control Canadra control Canadra control Canadra control Control Feature control Control Feature control Control Feature	Revised 9/8/2			13	Page 11 of	00(2). Effective January 28, 2004	DEP Form 62-624.6
Batterior Construction permits				Annual Training	Centification		
Battering C. D. E. F. Strangtha: Permit Requirement/Quantifiable SVMIP Activity Machine of Activity Documentation (Record of Permits) Performing Permits Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing Performing		and outside training).	ned (both in-house a	site operators trai	es, the number of inspectors, site plan reviewers and	Report the type of training activiti	
Bit Not C. D. E. E. F. Stringther Parmit Requirement/Quantifiable SWMP Activity Machines Duringthes National Participants Partic					e Operator Training	Construction Site Runoff — Sit	Part III.A.9.c
Bit Note Partial State Paria Paria Paria </td <td></td> <td>Code Enforcement</td> <td>Inspection data</td> <td>0</td> <td>Enforcement Action</td> <td></td> <td></td>		Code Enforcement	Inspection data	0	Enforcement Action		
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Water Quality Monitoring Report (YR4)

Purpose

The purpose of the 'Water Quality Monitoring Report' is to provide information for the City of South Bay to determine the overall effectiveness of its stormwater management program in reducing stormwater pollutant loadings from its Municipal Separate Sewer System (MS4) to receiving bodies.

The following items and concerns are examined as part of this water quality monitoring report:

- **A.** Impaired Water Bodies- The City of South Bay MS4 system is in Group 5- Everglade Agricultural Area and discharges into South Florida Water Management District North New River Canal (WBID 3248). This WBID identifies impaired for dissolved oxygen with nutrients as a causative pollutant by FDEP on Cycle 1 Assessment in 2002.
- **B.** Water Quality Monitoring Program- As a co-permittee to Palm Beach County MS4 Group, South Bay uses the ambient water quality data provided by the Group. In Cycle 4 Year 3 the Group reported on two water quality monitoring stations for the North New River Canal. Station S-2 is a SFWMD monitoring site located 2.5 miles north of Palm Beach County Monitoring Station 43 near the SR80 crossing of the North New River Canal in South Bay. Refer to the attached map for locations of the two monitoring stations including South Bays MS4 drainage area. As noted above the primary water quality parameter of concern by FDEP for the North New River Canal is nutrients (Chlorophyll-a Phosphorous and Nitrogen). Since the North New River is in the South Florida Region the State has not adopted a numeric value for Phosphorous and Nitrogen the only Chlorophyll-a value can be compared to the water quality sampling data for exceedance of any numeric criteria. SFWMD monitoring station S2 does not include Chlorophyll-a, however the PBC monitoring Station 39 does. For the last four years station 43 Annual Geometric Mean Values (AGM) were 5.2 ug/l, 8.2 ug/l, 8.16 ug/l and 7.97 ug/l, all below the State threshold of 20 ug/l AGM.
- C. Water Quality Trends Analysis- Nutrient trend data for the S-2-6-7 Watershed and water quality stations is reported in Table 5-11 in the Groups Year 4 Joint Report. Station 39 shows a decreasing trend for Total Nitrogen , Total Phosphorus, and Chlorophyll-a.

South Bay's pollutant loadings estimate (Cycle 3 and Cycle 4) for six required water quality parameters is reported in Appendix B of the Palm Beach County Groups Cycle 4 Year 3 Joint Report (Summary of Average Annual Pollutant Loading Model Activities). South Bay data is on page 34 in Table 21 and is shown below in Table 1.

South Bay has in place stormwater management programs that reduces nutrient loading into the S-2-6-7 Watershed. These include inspections/maintenance of its stormwater facilities, litter control, and fertilizer ordinance and public education. The public education component alone allows a further 6% reduction in pollutant loadings.

Parameter	BOD₅	TSS	TP	CU	2N	TN
2013 Loads	1,930	9,507	100	6	18	732
2018 Loads	1,934	9,537	100	6	18	733
Other Reductions – Public Education (6%)	116	572	6	0.4	1.1	44
Net Loads	1,814	8,935	94	5.6	16.9	688
Overall Reduction	6%	6%	6%	6%	6%	6%

Table 1

D. Conclusions- the City of South Bay stormwater management programs are effective in reducing nutrient loadings. This is supported by both the water quality monitoring program and pollutant loading information.



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