



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 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 2500
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

SECTION I. BACKGROUND INFORMATION

A.	Permittee Name: Palm Beach County		
B.	Permit Name: Palm Beach County Municipal Separate Storm Sewer System (MS4)		
C.	Permit Number: FLS000018-003 (Cycle 3)		
D.	Annual Report Year: <input checked="" type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:		
E.	Reporting Time Period (month/year): March 2/ 2011 through September 30 / 2011		
F.	Name of the Responsible Authority: Robert Weisman		
	Title: County Administrator		
	Mailing Address: 301 N. Olive Ave.		
	City: West Palm Beach	Zip Code: 33401	County: Palm Beach County
	Telephone Number: (561) 355-2030		Fax Number: (561) 355-3982
	E-mail Address: rweisman@pbcgov.org		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Bonnie Finneran		
	Title: Environmental Director		
	Department: Environmental Resources Management		
	Mailing Address: 2300 North Jog Road, 4th Floor		
	City: West Palm Beach	Zip Code: 33411	County: Palm Beach County
	Telephone Number: (561) 233-2400		Fax Number: (561) 233-2414
	E-mail Address: bfinnera@pbcgov.org		

SECTION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable In Year 1)

A.	Number of outfalls ADDED to the outfall inventory in the current reporting year (insert "0" if none): 3 (Does this number include non-major outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable)
B.	Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 1 (Does this number include non-major outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

SECTION III. MONITORING PROGRAM

A.	Provide a brief statement as to the status of monitoring plan implementation: See Joint Annual Report
B.	Provide a brief discussion of the monitoring results to date: See Joint Annual Report
C.	Attach a monitoring data summary, as required by the permit.

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting period: <u>\$4,728,821</u> (estimate) <i>DEP Note: If program resources have decreased from the previous year, attach a discussion of the impacts on the implementation of the SWMP as per Part II.F of the permit.</i>
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: <u>\$7,539,092</u> (estimate)

SECTION V. MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

Only the following materials are to be submitted to the Department along with this fully completed and signed Annual Report Form (check the appropriate box to indicate whether the item is attached or is not applicable):

Attached	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	*** <i>DEP Note: Please complete Checklists A & B at the end of the tailored form.</i> *** 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.
<input type="checkbox"/>	<input type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.
<input type="checkbox"/>	<input type="checkbox"/>	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.
<input type="checkbox"/>	<input type="checkbox"/>	Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.

DO NOT SUBMIT ANY OTHER MATERIALS

(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section I.F above must sign the following certification statement, as per Rule 62-620.305, F.A.C.:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Authority (type or print): Robert Weisman

Title: County Administrator

Signature: 

Date: 3/15/12

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.				
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments				
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation								
	Maintain an up-to-date inventory of the structural controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the types of control structures listed in Table II.A.1.a of the permit. Report the current known inventory.								
	Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a. 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.								
	Type of Structure	Number of Activities Performed				Documentation / Record	Entity Performing the Activity	Comments	
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities	Percentage Maintained			
	Dry retention systems	17	29		6	100%	Inspection Forms & Data	Eng./Roads	
	Exfiltration trench / French drains (linear feet)	162,535	3		0	0	ET GIS Inventory	Eng./Roads	The 3 inspections conducted during the reporting period failed to log the length of the exfiltration trench sections inspected. Inspection and reporting procedures have been revised. Current (second reporting period) inspections are in compliance with Table II.A.1.a.
	Grass swales (miles)	328.76	.2	.06%	.2	.06%	GT Swale	Eng./Roads	Inspections have increased significantly during the second reporting period.
	Dry detention systems	12	29		6	100%	Inspection Forms & Data	Eng./Roads	
	Wet detention systems	22	62		6	100%	Inspection Forms	Eng./Roads	

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.				C.		D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity				Number of Activities Performed		Documentation / Record	Entity Performing the Activity	Comments
	Pollution control boxes	N/A							PBC does not own/operate pollution control boxes.
	Stormwater pump stations	N/A							PBC's only pump station is under construction during the reporting period.
	Major stormwater outfalls	0	0		0	0			Inspections have commenced during the second reporting period.
	Weirs or other control structures	34	91		0	0			Inspections revealed no maintenance needed.
	MS4 pipes / culverts (miles)	.68	N/A	Unknown	N/A	N/A	ISS Data	Eng./Roads	Inspections and the pipe/culvert inventory development have increased significantly during the second reporting period.
	Inlets / catch basins / grates	15,867	12,945	82%	3596	23%	ISS Data	Eng./Roads	
	Ditches (miles)	70	70	100%	70	100%	ISS Data	Eng./Roads	
	ATTACH explanation if any of the minimum inspection frequencies in Table II.A.1.a were <u>not</u> met								Since the reporting period is less than 7 months, this provision does not appear to apply to this report.
	Year 1 ONLY: Attach a map of all known major outfalls as per Rule 62-624.600(2)(a), F.A.C.								Map includes outfalls of less than 36" diameter.
Part III.A.2	Areas of New Development and Significant Redevelopment								
	Report the number of new development and significant redevelopment projects reviewed by the permittee for post-development stormwater considerations.								
	Number of new development / significant redevelopment projects reviewed				18		Land Development & Division Records	Land Development Div.	

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	Year 2 ONLY: Attach the summary report of the review activity Year 4 ONLY: Attach the follow-up report on plan implementation				
Part III.A.3	Roadways				
	Annually review (and revise, as needed) and implement the permittee's written procedures for the litter control program(s) for public streets, roads, and highways, including rights-of-way, employed within the permittee's jurisdictional area and properly dispose of collected material. Implement the program on a monthly, or on an as needed, basis. Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected.				
	PERMITTEE Litter Control Program: Frequency of litter collection	N/A			PBC litter control programs utilize Contractors, Adopt-a-Road, and Keep Palm Beach Beautiful, which are listed below.
	PERMITTEE Litter Control Program: Estimated amount of area maintained (miles)	N/A			
	PERMITTEE Litter Control Program: Estimated amount of litter collected (cubic yards)	N/A			
	CONTRACTOR Litter Control Program: Frequency of litter collection	16 per year	Vendor Reports and Department records	Streetscape Section's Contracted Service Vendor	
	CONTRACTOR Litter Control Program: Estimated amount of area maintained (miles)	126	Engineering Department records	Streetscape Section's Contracted Service Vendor	
	CONTRACTOR Litter Control Program: Estimated amount of litter collected (tons)	4.69	Vendor Reports and Department records	Streetscape Section's Contracted Service Vendor	
	Keep PBC Beautiful Trash Pick-up Events: Total miles cleaned	Not Reported	Event Site Reports	KPBC Beautiful Volunteers	17 events at various locations
	Keep PBC Beautiful Trash Pick-up Events: Estimated amount of litter collected (tons)	27.9	Event Site Reports	KPBC Beautiful Volunteers	
	Adopt-A-Road Program: Total miles cleaned	50	Engineering Dept. records	Engineering Dept	
	Adopt-A-Road Program: Estimated amount of litter collected (cubic yards)	150	Engineering Dept. records	Engineering Dept	
	Frequency of street sweeping	3 times a year	Engineering Dept. records	Eng./Roads	
	Total miles swept (per year)	2,332.43	Engineering Dept.	Eng./Roads	

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Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Estimated quantity of sweeping material collected (cubic yards)	2,082.05	Engineering Dept. records	Eng./Roads	
	Total nitrogen loadings removed (pounds)	879.1		Eng./Roads	Calculated value.
	Total phosphorus loadings removed (pounds)	563.7		Eng./Roads	Calculated value.
	Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned				
	Annually review (and revise, as needed) and implement the permittee's written standard practices to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. Report the number of applicable facilities and the number of inspections conducted for each facility.				
	Name of facility: PBC Vista Fleet Maintenance	1	Municipal Maintenance Yard Inspection Checklist	PBC Facilities Development and Operations Dept.	
Part III.A.4	Flood Control Projects				
	Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not. Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.				
	Flood control projects completed during the reporting period	3	Final Summary	Engineering Services Division	
	Flood control projects completed during the reporting period that did <u>not</u> include stormwater treatment	0			
	ATTACH a list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it was not				
	Stormwater retrofit projects planned	3	Projects Bid	Engineering Services Division	
	Stormwater retrofit projects under construction during the reporting period	2	BCC Board Item	Engineering Services Division	
	Stormwater retrofit projects completed during the reporting period	3	Final Summary	Engineering Services Division	
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit				
	Annually review (and revise, as needed) and implement the permittee's written procedures for inspections and the implementation of measures to control discharges from the following facilities that are not otherwise covered by an NPDES stormwater permit:				
	<ul style="list-style-type: none"> Operating municipal landfills; Municipal waste transfer stations; Municipal waste fleet maintenance facilities; and Any other municipal waste treatment, waste storage, and waste disposal facilities. 				
	Report the number of applicable facilities and the number of the inspections conducted for each facility.				

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Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
		Number of Inspections			
	Name of facility #1: South County Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
	Name of facility #2: Central County Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
	Name of facility #3: Glades Regional Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
	Name of facility #4: West Central Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
	Name of facility #5: North County Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
	Name of facility #6: South West County Transfer Station	8	Pollution Prevention Plans Inspection records	SWA Env. Prgms.	
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	Continue to require proper certification and licensing by the Florida Department of Agriculture and Consumer Services (FDACS) for all applicators contracted to apply pesticides, herbicides, or fertilizers on permittee-owned property, as well as any permittee personnel employed in the application of these products. Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. Report the number of permittee personnel and contractors who have been trained through the Green Industry BMP Program, and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.				
	PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides	76	IFAS Monthly Reports	PBC-UF/IFAS	32 Training sessions conducted.
	CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides	203	IFAS Monthly Reports	PBC-UF/IFAS	32 Training sessions conducted.
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	26	IFAS Monthly Reports	PBC-UF/IFAS	
	PERSONNEL: Green Industry BMP Program training completed	99	IFAS Monthly Reports	PBC-UF/IFAS	3 Green Industries BMP training sessions conducted.
	CONTRACTORS: Green Industry BMP Program training completed	23	IFAS Monthly Reports	PBC-UF/IFAS	3 Green Industries BMP training sessions conducted.
	Year 1 or Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance			PBC-UF/IFAS	Approval pending. Shall be included in second Annual Report.
FYN PROGRAM FUNDING: Permittee Provides Funding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Amount of Funding = \$65,000					

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Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<p>During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable). Activities performed under the Florida Yards and Neighborhoods (FYN) program should only be reported if the permittee is contributing funding towards the FYN staff and program within its jurisdiction.</p>				
	Public education and outreach program	The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please also see the Palm Beach County Joint Annual Report for additional public education and outreach information.			
	Estimated percentage of the population reached by the activities in total	28		PBC-UF/IFAS	<1%
	Brochures/Flyers/Fact sheets distributed	5,326	IFAS Monthly Reports	PBC-UF/IFAS	
	FYN: Brochure/Flyers/Fact sheets distributed	1,853	IFAS Monthly Reports	FYN	
	Neighborhood presentations: Number conducted	19	IFAS Monthly Reports	PBC-UF/IFAS	
	FYN: Neighborhood presentations: Number of participants	66	IFAS Monthly Reports	FYN	FL Friendly & COWBRA
	FYN: Neighborhood presentations: Number conducted	7	IFAS Monthly Reports	FYN	
	Neighborhood presentations: Number of participants	605	IFAS Monthly Reports	PBC-UF/IFAS	
	Newspapers & newsletters: Number of articles/notices published	10	Newsletters	FYN	To 553 subscribers, monthly
	Newsletters: Number of newsletters distributed	5,530	IFAS Monthly Reports	FYN	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	2	IFAS Monthly Reports	PBC-UF/IFAS	S. FL Fair & other displays.
	FYN: Public displays (e.g., kiosks, storyboards, posters, etc.)	6	IFAS Monthly Reports	FYN	
	Radio or television Public Service Announcements (PSAs)	0			The only PSAs were for the FYN program.
	FYN: Radio or television Public Service Announcements (PSAs)	4	IFAS Monthly Reports	FYN	
	School presentations: Number conducted	5	IFAS Monthly Reports	PBC-UF/IFAS	Agriculture in the classroom.
	School presentations: Number of participants	227	IFAS Monthly Reports	PBC-UF/IFAS	Agriculture in the classroom.
	FYN: School presentations: Number conducted	3	IFAS Monthly Reports	FYN	

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	FYN: School presentations: Number of participants	271	IFAS Monthly Reports	FYN	
	Seminars/Workshops: Number conducted	16	IFAS Monthly Reports	PBC-UF/IFAS	Community presentations.
	Seminars/Workshops: Number of participants	657	IFAS Monthly Reports	PBC-UF/IFAS	Community presentations.
	FYN: Seminars/Workshops: Number conducted	5	IFAS Monthly Reports	FYN	Community presentations.
	FYN: Seminars/Workshops: Number of participants	187	IFAS Monthly Reports	FYN	Community presentations.
	Special events: Number conducted	2	IFAS Monthly Reports	PBC-UF/IFAS	Aerial applicators.
	Special events: Number of participants	41	IFAS Monthly Reports	PBC-UF/IFAS	Aerial applicators.
	FYN: Special events: Number conducted	4	IFAS Monthly Reports	FYN	
	FYN: Special events: Number of participants	333	IFAS Monthly Reports	FYN	
	Web Site: Number of hits / visitors to the stormwater-related pages	N.A.			PBC-UF/IFAS does not maintain a stormwater related web page.
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures				
	Where applicable, strengthen the legal authority to conduct inspections, conduct monitoring, control illicit discharges, illicit connections, illegal dumping and spills into the MS4 and to require compliance with conditions in ordinances, permits, contracts, and orders. Report amendments, as needed.				
	ATTACH a report on any amendments to the applicable legal authority				No Amendments during the reporting period.
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal				
	During Year 1 of the permit, develop and implement a written proactive inspection program plan for identifying and eliminating sources of illicit discharges, illicit connections, or dumping to the MS4. Report on the proactive inspection program, including the number of inspections conducted, the number of illicit activities found, and the number and type of enforcement actions taken.				
	Proactive inspections for suspected illicit discharges / connections / dumping	6	NPDES Inspection Files	PBC ERM	Inspections have increased during the second reporting period. Additional commercial areas which drain or potentially drain to the PBC MS4 were added to SOP.

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Permit Citation/SW MP Element	Permit Requirement/Quantifiable SWMP Activity		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments	
	Illicit discharges / connections / dumping found during a proactive inspection		0	NPDES Inspection Files	PBC ERM	None Identified	
	Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a proactive inspection		0	NPDES Inspection Files	PBC ERM	N.A.	
	Fines issued for illicit discharges / connections / dumping found during a proactive inspection		0	NPDES Inspection Files	PBC ERM	N.A.	
	Year 1 ONLY: Attach the written proactive inspection program plan					See attachments	
	Annually review (and revise, as needed) and implement the permittee's written procedures to conduct reactive investigations to identify and eliminate the source(s) of illicit discharges, illicit connections or improper disposal to the MS4, based on reports received from permittee personnel, contractors, citizens, or other entities regarding suspected illicit activity. Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken.						
	Reports of suspected illicit connections / discharges / dumping received		19	Complaint Log	PBC ERM		
	Reactive investigations of reports of suspected illicit discharges/connections / dumping		19	Complaint Log	PBC ERM		
	Illicit discharges / connections / dumping found during a reactive investigation		0		PBC ERM	None identified	
	Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a reactive investigation		0		PBC ERM	N.A.	
	Fines issued for illicit discharges / connections / dumping found during a reactive investigation		0		PBC ERM	N.A.	
		Initial Training	Refresher Training				
	Personnel trained	0	2		Sign-in sheet	PBC NPDES Group Permittees	No new staff added.
	Contractors trained	0	0				Contractors not utilized in field activities which may lead to discovery of an illicit discharge.
Part III.A.7.d	Illicit Discharges and Improper Disposal — Spill Prevention and Response						
	Annually review (and revise, as needed) and implement the permittee's written spill-prevention/spill-response plan and procedures to prevent, contain, and respond to spills that discharge into the MS4. Report on the spill prevention and response activities, including the number of spills addressed.						
	Hazardous and non-hazardous material spills responded to		167	Haz-Mat calls situation found database	PBC Fire – Rescue Department		
	During Year 1 of the permit, develop and implement a written plan for the training of all appropriate permittee personnel (including field crews, firefighters, fleet maintenance staff and inspectors) and contractors on proper spill prevention, containment, and response techniques and procedures. Follow-up training shall be provided annually. Report the number and type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training).						
	Initial Training	Refresher Training					
Personnel trained	0	3,004		PBC Fire – Rescue Training & Safety Division	PBC Fire – Rescue Department	All refresher training due to no new hires in several years.	

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	Contractors trained	0	0				PBC Fire – Rescue Department Haz-Mat training is limited to PBC staff.
Part III.A.7.e	Illicit Discharges and Improper Disposal — Public Reporting						
	During Year 1 of the permit, develop and implement a written public education and outreach program plan to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials into the MS4. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).						
	Public education and outreach program			The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information.			
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control						
	During Year 1 of the permit, develop and implement a written public education and outreach program plan to encourage the proper use and disposal of used motor vehicle fluids, leftover hazardous household products, and lead acid batteries. Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, the percentage of the population reached by the activities in total, and the number of Web site visits (if applicable).						
	Public education and outreach program			The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please also see the Palm Beach County Joint Annual Report for the public education and outreach information.			
	Estimated percentage of the population reached by the activities in total			80%			
	Brochures/Flyers/Fact sheets distributed			75,000	Brochures	Media Arts, Recycling & HHW Services	
	Household Hazardous Waste (HHW) Collection Day: Events HHW Collection Day: Amount of waste collected/recycled/properly disposed (tons)			1550	Disposal Records	HHW Services	
				800	Disposal Records	HHW Services	
	Neighborhood presentations: Number conducted			60	Outlook	Media Arts & Recycling	
	Neighborhood presentations: Number of participants			995	Outlook	Media Arts & Recycling	
	Newspapers & newsletters: Number of articles/notices published			1	Ad	Media Arts & Recycling	
	Newsletters: Number of newsletters distributed			N/A	N/A	N/A	
	Public displays (e.g., kiosks, storyboards, posters, etc.)			573	Invoices	Media Arts, Recycling & Community Service	
	Radio or television Public Service Announcements (PSAs)			2	DVD	Media Arts	

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Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	School presentations: Number conducted	227	Outlook	Recycling	
	School presentations: Number of participants	9875	Outlook	Recycling	
	Seminars/Workshops: Number conducted	5	Outlook	Recycling	
	Seminars/Workshops: Number of participants	100	Outlook / Report	Recycling	
	Special events: Number conducted	85	Outlook / Report	Recycling & Community Service	
	Special events: Number of participants	66,210	Outlook / Report	Recycling & Community Service	
	Storm sewer inlets newly marked/replaced	N/A	N/A	N/A	
	Web Site: Number of visitors to the stormwater-related pages	N/A	N/A	N/A	
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				
	Annually review (and revise, as needed) and implement the permittee's written procedures to reduce or eliminate <u>sanitary wastewater</u> contamination into the MS4, including discharges to the MS4 from sanitary sewer overflows (SSOs) and from inflow / infiltration from collection / transmission systems and/or septic tank systems. Advise the appropriate utility owner of a violation if constituents common to wastewater contamination are discovered in the MS4. Report on the type and number of activities undertaken to reduce or eliminate SSOs and inflow / infiltration, the number of SSOs or inflow / infiltration incidents found and the number resolved, and the name of the owner of the sanitary sewer system within the permittee's jurisdiction.				
	Activity to reduce/eliminate SSOs and inflow / infiltration: Repair or Maintenance / lining/sealing of sanitary sewer system (Linear feet)	15,505	I & I Monthly Activity Report	WUD I & I Division	
	Activity to reduce/eliminate SSOs and inflow / infiltration: Septic systems removed	0			None occurred during this reporting period.
	Activity to reduce/eliminate SSOs and inflow / infiltration: Emergency generator added	0			None occurred during this reporting period. However, WUD has previously purchased many generators to operate lift stations following the hurricane years of 2004 and 2005.
	SSO incidents discovered	18	Wastewater Spillage Report	Water Utilities Department	
	SSO incidents resolved	18	Wastewater Spillage Report	Water Utilities Department	
	Inflow / infiltration incidents discovered	57	I & I Monthly Activity Report	Water Utilities Department	
	Inflow / infiltration incidents resolved	57	I & I Monthly Activity Report	Water Utilities Department	
	Name of owner of the sanitary sewer system	Palm Beach County Water Utilities Department			

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.			C.	D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity			Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections						
	<p>Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface water body into which each high risk facility discharges. For the purposes of this permit, high risk facilities include:</p> <ul style="list-style-type: none"> • Operating municipal landfills; • Hazardous waste treatment, storage, disposal and recovery facilities; • Facilities that are subject to EPCRA Title III, Section 313 (also known as the Toxics Release Inventory (TRI) maintained by the U.S. EPA); and • Any other industrial or commercial discharge that the permittee determines is contributing a substantial pollutant loading to the permittee's MS4. This could include facilities identified through the proactive inspection program as per Part III.A.7.c of the permit. <p>Report on the high risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year.</p> <p>During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facilities to determine compliance with all appropriate aspects of the stormwater program. While the permittee may determine the order and frequency of the inspections, the permittee shall inspect each identified facility at least once during the permit term; however, facilities identified as high risk due to the findings of the proactive inspection program as per Part III.A.7.c of the permit shall be inspected annually. Report on the high risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.</p>						
		Number of Facilities	Number of Inspections	For violations discovered during a high risk inspection			
				Fines issued	Notices of Violation (NOVs) / warning letters / citations issued		
Total high risk facilities		3	3	0	0	EPA TRI Explorer Report (COFA) Releases: Facility Report	PBC-ERM Only 3 of the 19 facilities listed in the TRI report discharge to the PBC MS4.
New high risk facilities added to the inventory during the current reporting period		0					No change in the TRI report.
Operating municipal landfills		N.A.	N.A.				The only operating landfills are under NPDES Permits
Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities		0	0				None in Palm Beach County
EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)		3	3			EPA TRI Explorer Report (COFA) Releases: Facility Report	Only 3 of the 19 facilities listed in the TRI report discharge to the PBC MS4.
Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c		0	0				None have been identified to date.

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.				C.	D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity				Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)	0	0					None have been identified to date.
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries							
	Sampling of the discharge to the stormwater system may be required on an as-needed basis in the event that inspections of high-risk facilities disclose suspected illicit discharges to the MS4. New high-risk industrial facilities as defined in 40 CFR 122.26(d)(2)(iv)(C) must be evaluated to determine if the new discharge is contributing a substantial pollutant load to the MS4. The evaluation may include site-specific monitoring. Report the number of high risk facilities sampled.							
	High risk facilities sampled				0			Inspections conducted do not support a need for monitoring.
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices							
	Continue to implement the local codes or land development regulations and the written pre-construction site plan review procedures that require the use and maintenance of appropriate structural and non-structural erosion and sedimentation controls during construction to reduce the discharge of pollutants to the MS4. Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.							
	PERMITTEE SITES: Construction site plans reviewed				32	PBC Engineering Coordination Records	PBC Engineering Coordination	
	PERMITTEE SITES: Construction site plans approved				32	PBC Engineering Coordination Records	PBC Engineering Coordination	
	PRIVATE SITES: Construction site plans reviewed				39	ERM Erosion & Sediment control Inspection Database	PBC ERM	
	PRIVATE SITES: Construction site plans approved				39	ERM Erosion & Sediment control Inspection Database	PBC ERM	
	Annually review (and revise, as needed) and implement the permittee's written procedures to notify all new development / redevelopment permit applicants of the need to obtain all required stormwater permits. Report the number of new development/redevelopment permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.							
	Notified of ERP stormwater permit requirements				18	Land Development Division Records	Land Development & Division	
	Confirmed ERP coverage				18	Land Development Division Records	Land Development & Division	
	Notified of CGP stormwater permit requirements				50	DRO Records & Plat Review Database	PBC ERM	

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Confirmed CGP coverage	39	ERM Erosion & Sediment control Inspection Database	PBC ERM	
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement				
	As an attachment to the Year 1 Annual Report, the permittee shall submit a written plan that details the standard operating procedures for implementation of the stormwater, erosion and sedimentation inspection program for construction sites discharging stormwater to the MS4. The permittee shall implement the plan for inspecting construction sites <u>immediately upon written approval by the Department</u> . Prior to Department approval, the permittee shall continue to perform inspections in accordance with its previously developed construction site inspection procedures. Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken.				
	PERMITTEE SITES: Active construction sites	32	PBC Engineering Coordination Records	PBC Engineering Coordination	
	PERMITTEE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs	960	PBC Engineering Coordination Records	PBC Engineering Coordination	
	PERMITTEE SITES: Percentage of active construction sites inspected	100%			
	PRIVATE SITES: Active construction sites	39	ERM Erosion & Sediment control Inspection Database	PBC ERM	
	PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs	64	ERM Erosion & Sediment control Inspection Database	PBC ERM	
	PRIVATE SITES: Percentage of active construction sites inspected	100%			
	Notices of Violation (NOVs) / warning letters / citations issued	1	ERM NPDES Compliance & Enforcement files	PBC ERM	
	Stop Work Orders issued	0			
	Fines issued	0			Corrective measures required by the NOV included required documentation of the cleaning of on-site storm drainage system by a commercial vacuum truck.
	Year 1 ONLY: Attach the written construction site inspection program plan				See Attachments

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.			C.	D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity			Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.9.c	Construction Site Runoff — Site Operator Training						
	During Year 1 of the permit, develop and implement a written plan for stormwater training / outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by or under contract with the permittee) and private persons involved in the site plan review, inspection or construction of stormwater management, erosion, and sedimentation controls. All inspectors of construction sites shall be certified through the Florida Stormwater, Erosion, and Sedimentation Control Inspector Training program, or an equivalent program approved by the Department. Follow-up training shall be provided annually. Report the number and type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training), and the number of private persons trained by the permittee.						
		Certification Training	Initial Training (non-certification)	Refresher Training			
	Permittee construction site inspectors	0	0	0			No PBC staff trained during the reporting period. However, during the previous reporting period 4 PBC site inspectors received DEP Certification Training.
	Permittee construction site plan reviewers	0	0	0			No PBC staff trained during the reporting period. However, during the previous reporting period 6 PBC site plan reviewers received DEP Certification Training.
	Permittee construction site operators	0	0	0			Site operators for PBC are generally contractors.
	Private persons	N/A	N/A				

SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable In Year 4)

A.	Permit Citation/ SWMP Element	<p>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.</p> <p><i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i></p>
B.	Permit Citation/ SWMP Element	<p>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)</p> <p><i>DEP Note: There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.</i></p>

CHECKLIST A: ATTACHMENTS TO BE SUBMITTED WITH THE ANNUAL REPORTS

Below is a list of items required by the permit that may need to be attached to the annual report. Please check the appropriate box to indicate whether the item is attached or is not applicable for the current reporting period. Please provide the number and the title of the attachments in the blanks provided.

Attached	N/A	Rule / Permit Citation	Required Attachment	Attachment Number	Attachment Title
<input type="checkbox"/>	<input type="checkbox"/>	Part II.F	EACH ANNUAL REPORT: If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.		
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.1	EACH ANNUAL REPORT: An explanation of why the minimum inspection frequency in Table II.A.1.a was not met, if applicable.		
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.4	EACH ANNUAL REPORT: A list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it did not, if applicable.		
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.a	EACH ANNUAL REPORT: A report on amendments / changes to the legal authority to control illicit discharges, connections, dumping, and spills, if applicable.		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part V.B.9	EACH ANNUAL REPORT: Reporting and assessment of monitoring results. [Also addressed in Section III of the Annual Report Form]		See Joint Report
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part VI.B.2	EACH ANNUAL REPORT: An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, <u>at a minimum</u> , must include responses to the questions listed in the permit.	1	Palm Beach County Stormwater Management Program Effectiveness Evaluation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part VIII.B.3.e	EACH ANNUAL REPORT: A status report on the implementation of the requirements in this section of the permit and on the estimated load reductions that have occurred for the pollutant(s) of concern.	2	TMDL Status Report for Palm Beach County
<input type="checkbox"/>	<input type="checkbox"/>	Part VIII.B.4.f	EACH ANNUAL REPORT after approval of the BPCP: The status of the implementation of the Bacterial Pollution Control Plan (BPCP).		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rule 62-624.600(2)(a), F.A.C.	YEAR 1: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM).	3	PBC Maintained Roads and Outfalls
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	YEAR 1: If have curbs and gutters but no street sweeping program, an explanation of why no street sweeping program and the alternate BMPs used or planned.		
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.6	YEAR 1 or YEAR 2: A copy of the adopted Florida-friendly Ordinance, if applicable.		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	YEAR 1: A proactive illicit discharge / connection / dumping inspection program plan.	4	Proactive Inspection Program SOP
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.b	YEAR 1: A construction site inspection program plan. [For approval by DEP]	5	Construction Site Inspection Plan SOP
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.2	YEAR 2: A summary report of a review of codes and regulations to reduce the stormwater impact from new development / redevelopment.		
<input type="checkbox"/>	<input type="checkbox"/>	Part V.A.2	YEAR 3: Estimates of annual pollutant loadings and EMCs, and a table comparing the current calculated loadings with those from the previous two Year 3 ARs.		
<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.2	YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from new development / redevelopment.		
<input type="checkbox"/>	<input type="checkbox"/>	Part V.A.3	YEAR 4: If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.		
<input type="checkbox"/>	<input type="checkbox"/>	Part V.B.3	YEAR 4: The monitoring plan (with revisions, if applicable).		
<input type="checkbox"/>	<input type="checkbox"/>	Part VII.C	YEAR 4: An application to renew the permit.		
<input type="checkbox"/>	<input type="checkbox"/>	Part VIII.B.3.d	YEAR 4: A TMDL Implementation Plan / Supplemental SWMP.		

CHECKLIST B: THE REQUIRED ANNUAL REVIEWS OF WRITTEN STANDARD OPERATING PROCEDURES (SOPs) & PLANS

The permit requires annual review, and revision if needed, of written Standard Operating Procedures (SOPs) and plans (e.g., public education and outreach, training, inspections). Please indicate your review status below. **If you have made revisions that need DEP approval, you must complete Section VIII.A of the annual report.**

Did not complete review of existing SOP / Plan	Developed new written SOP / Plan	Reviewed & no revision needed to existing SOP / Plan	Reviewed & revised existing SOP / Plan	Permit Citation	Description of Required SOPs / Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Part III.A.1	SOP and/or schedule of inspections and maintenance activities of the structural controls and roadway stormwater collection system.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.2	SOP for development project review and permitting procedures and/or local codes and regulations for new development / areas of significant development.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for the litter control program.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for the street sweeping program.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.3	SOP for inspections of equipment yards and maintenance shops that support road maintenance activities.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.5	SOP for inspections of waste treatment, storage, and disposal facilities not covered by an NPDES stormwater permit.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.6	Plan for public education and outreach on reducing the use of pesticides, herbicides and fertilizer.
N/A	N/A	N/A	N/A	Part III.A.6	Plan for pesticide, herbicide and fertilizer application training <i>DEP Note: A plan is not necessary since the FDACS certification / licensing program adequately fulfills the permit requirement.</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.6	SOP for reducing the use of pesticides, herbicides and fertilizer, and for the proper application, storage and mixing of these products.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Part III.A.7.c	Plan for proactive illicit discharge / connections / dumping inspections.*
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	SOP for reactive illicit discharge / connections / dumping investigations.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.c	Plan for illicit discharge training.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.d	SOP for spill prevention and response efforts.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.d	Plan for spill prevention and response training.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.e	Plan for public education and outreach on how to identify and report the illicit discharges and improper disposal to the MS4.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.f	Plan for public education and outreach on the proper use and disposal of oils, toxics and household hazardous waste.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.7.g	SOP to reduce / eliminate sanitary wastewater contamination of the MS4.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.8	SOP for inspections of high risk industrial facilities.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.a	SOP for construction site plan review for stormwater, erosion and sedimentation controls, and ERP and CGP coverage.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.b	Plan for inspections of construction sites.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Part III.A.9.c	Plan for stormwater, erosion and sedimentation BMPs training.

* Revisions to these plans require DEP approval – please complete Section VIII.A of the annual report.

REMINDER LIST OF THE TMDL / BMAP REPORTS TO BE SUBMITTED SEPARATELY FROM AN ANNUAL REPORT

Rule / Permit Citation	Report Title	Due Date
Part VIII.B.3.a	6 MONTHS from effective date of permit: TMDL Prioritization Report.	9/2/11
Part VIII.B.3.b	12 MONTHS from effective date of permit: TMDL Monitoring and Assessment Plan.	3/2/12
Part VIII.B.3.c	6 MONTHS from receiving analyses from the lab: TMDL Monitoring Report.	TBD
Part VIII.B.4	30 MONTHS from effective date of permit: A Bacterial Pollution Control Plan (BPCP).	9/2/13

**END OF REVISED TAILORED MS4 AR FORM
CYCLE 3 PERMIT**

ATTACHMENT #1

Palm Beach County Stormwater Management Program Effectiveness Evaluation

- a. *Have stormwater pollutant loading discharged from the MS4 decreased? Why or why not?*

This is undetermined. Monitoring is conducted in stream within primary and secondary receiving water bodies. Since unincorporated Palm Beach County possesses 769 MS4 outfalls, end of pipe monitoring is impractical, and a direct determination of MS4 pollutant loading is not possible. However, end of pipe monitoring is planned to meet pending NPDES TMDL requirements. These monitored water bodies are subject to multiple sources of discharges and factors affecting water quality, which include; non-point source discharges, agricultural land use discharges, hydraulic modifications, climatic influences (ie; drought years), off-site regional discharges (ie; Lake Okeechobee), in addition to discharges from the MS4. Since MS4 discharges account for only modest influence to regional water quality, and end of pipe monitoring, while planned, has not yet occurred, a definitive answer to the question cannot be determined.

- b. *Which components of the SWMP are working well and are effective in reducing stormwater pollutant loadings? Why are they effective?*

Roadways. The Streetscape litter control program removed approximately 4.7 tons of trash from Palm Beach County road right of way. The street sweeping program removed approximately 879 lbs of nitrogen and 564 lbs of phosphorus from the roadways and eventually deposition into the MS4.

Flood Control Projects. The County's MSTU program retrofits the drainage infrastructure of older subdivisions and provides stormwater treatment, where previously not provided.

Pesticides, Herbicides, and Fertilizer Application. The PBC Cooperative Extension Service provides extensive training and public education in the Florida Yards and Neighborhoods and Master Gardener programs. These programs increase public awareness of proper pesticide and fertilizer application and avoidance of entry into MS4 and receiving water bodies.

Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control. The Household Hazardous Waste Program conducted by the PBC Solid Waste Authority is highly utilized and successful. Entry of household hazardous wastes does not appear to be a problem in the PBC MS4 or non-point source discharges to our receiving water bodies.

Construction Site Runoff — Inspection and Enforcement. PBC Engineering Coordination Division has a policy of a weekly erosion and sediment control BMP inspection, conducted jointly between a County DEP Certified Inspector and the NPDES representative of the General Contractor. This policy provides an intensive inspection frequency and construction BMP oversight by County staff.

- c. *Which components of the SWMP are not working well and need to be revised to make them more effective in reducing stormwater pollutant loading?*

It is unclear as to whether any SWMP components are not working well. For the SWMP components discussed above, the relationship between the components and reducing stormwater pollutant loading is relatively clear. For SWMP components not listed above, the direct relationship between the components and reducing stormwater pollutant loadings is less apparent.

- d. *Which components of the SWMP do not contribute to reducing stormwater pollutant loads and could be revised or eliminated, and why?*

No SWMP components have been identified as having no potential for reducing pollutant loading.

- e. *Is the monitoring program providing data that can be used to assess the effectiveness of the SWMP in reducing stormwater pollutant loadings, assess the effectiveness of specific BMPs, and determine where stormwater retrofitting projects should be prioritized for implementation.*

Please see the response to question a. and the Joint Annual Report for monitoring program discussion, for the response to the first part of the three part question. The response to the second part question (*assess the effectiveness of specific BMPs*), is negative. The response to the third part of the question is also negative. Areas that appear to be "water quality hot spots" do not appear to be significantly influenced by MS4 discharges.

ATTACHMENT #2

TMDL Status Report for Palm Beach County (unincorporated)

Palm Beach County staff has met with Florida Department of Transportation staff to discuss a shared approach to the NPDES MS4 Permit required TMDL monitoring. Pending tasks include, field reconnaissance of the MS4 outfalls with the WBIDs listed below to identify and prioritize MS4 outfalls with the WBIDs. The tentative schedule for submission of the Monitoring and Assessment Plan to FDEP is also listed below. Monitoring shall be conducted in accordance with the NPDES MS4 Permit provisions.

The TMDL pollutant(s) of concern are turbidity and TSS. Estimated load reductions do not appear possible until monitoring has occurred. Since PBC and FDOT MS4s serve less than 1% of the land use within these WBIDs, it is unlikely impairment is attributed to these MS4s. Therefore, it is unfortunate that resources must be expended to meet this regulatory requirement.

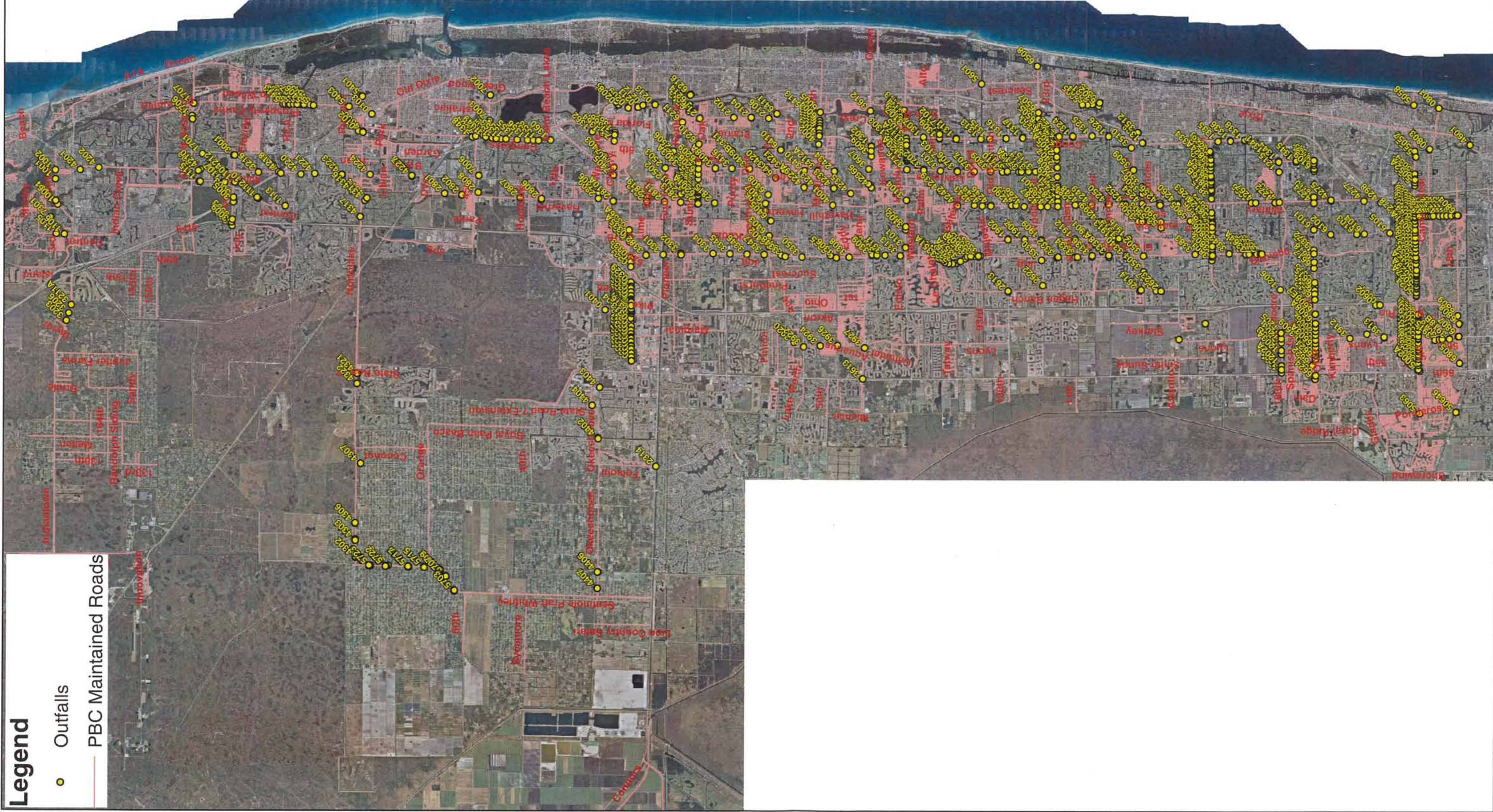
WBID	Segment Name	Tentative Schedule for Monitoring and Assessment Plan
3238	WPB Canal	March 2, 2013
3244	East Beach	March 2, 2013
3247	715 Farms	March 2, 2013
3248	North New River Canal	March 2, 2014
3251	S-3	March 2, 2014

ATTACHMENT #3

Legend

● Outfalls

— PBC Maintained Roads



Palm Beach County
Department of
Environmental
Resources
Management

PBC Maintained Roads and Outfalls

1 inch = 15,000 feet



Created: 3/2/2012
Note: This map is not official and is intended for presentation purposes only.

ATTACHMENT #4

Proactive Inspection Program SOP

1. Procedure and Criteria for identifying priority areas/facilities

In accordance with the MS4 NPDES permit, priority areas for inspection should include:

- Areas with older infrastructure
- Industrial, commercial, or mixed use areas
- Areas with history of past illicit discharges and/or illegal dumping
- Areas with on-site sewage disposal systems
- Areas upstream of sensitive or impaired water bodies

2. List of identified priority areas/facilities

A list of the priority proactive inspection area/facilities for annual inspections are as follows;

- Gardens Avenue Commercial/Industrial Park
- Dyer Blvd. Industrial Area
- Church St. & Old Okeechobee Industrial Area
- PBC Fairgrounds Industrial Area
- Boca Rio Road Commercial/Industrial Area

Priority facilities are checked against the list of facility types associated with the FDEP MSGP Sectors to determine their need to be covered by a MSGP. PBC ERM staff shall research the DEP NPDES databases and alert DEP NPDES staff of facilities that do not appear to be covered under the MSGPs.

3. Annual schedule for inspections

All areas/facilities will be inspected at least once within the current permit term. If a facility or area is discovered to have illicit discharges/connections/dumping, it will be placed on the schedule for re-inspection the following year. The schedule for inspecting the priority areas/facilities is:

4. Procedure for conducting site inspections

Priority Facility inspections: For proactive facility inspections, the trained inspector conducts an unannounced visit to the facility. A standardized inspection form is used (see attached).

Priority Area inspections: For general areas that have been designated to have a reasonable potential of containing illicit discharges/connections/dumping, a drive-around procedure is followed. The trained inspector(s) patrols the prioritized area searching for

indications of illicit discharges/connections/dumping. If any are identified, the inspector either stops to do a Facility Inspection, a reactive investigation, or completes a work order form for the appropriate personnel to complete the investigation.

5. Procedure for tracing source of discovered illicit discharge

Visual tracing from culvert to inlet to inlet (or manhole) to the source is utilized. In certain cases, tracing dye can confirm the route of the illicit discharge to the MS4 or receiving water body. If applicable, the illicit connection is identified. The nature or composition of the illicit discharge is confirmed.

6. Procedure for eliminating the discharge

Immediately inform the facility manager/site operator of the illicit discharge and request immediate cessation of the discharge. The mandated prohibition of illicit discharges and adopted legal authority is discussed with the facility manager/site operator.

7. Procedure for documenting the inspections and enforcement activities

Inspection forms and a database are used for the documentation of inspections, compliance and enforcement actions. (See Inspection Form)

8. Procedures for enforcement actions (or referrals to appropriate jurisdictional authority)

Instances of non-compliance will be handled on a case by case nature with successively more rigorous enforcement measures depending on how egregious in nature the non-compliance or violation/violations are;

1. Notice of Non-Compliance
2. Notice of Violation

9. Identification of staff /department/outside entity responsible for inspections and for enforcement

PBC Environmental Resource Management Department Surface Water Protection Section staff will conduct the Illicit Discharge Proactive Inspections and Compliance and Enforcement actions. (Note: PBC Engineering and Public Works staff conducting routine maintenance of structural controls has been trained on identifying illicit discharges. However, their referrals of potential illicit discharges are deemed reactive illicit discharge inspections, compliance and enforcement.)

10. Description of resources allocated to implement this permit element

ERM currently has 3 staff members trained in illicit discharge investigations.

Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: _____

Address of Facility OR General Description of Area Inspected:

Identification of MS4 component that could receive discharge from 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? Yes___ No___

If "yes," to any above, describe:

Type of Enforcement Action Taken:

Date to verify elimination: _____

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

ATTACHMENT #5

Construction Site Inspection Plan SOP

Construction site inspections are conducted for land-disturbing projects which have the potential to discharge stormwater runoff into our MS4.

Timing

Construction site inspections are conducted:

- Before the start of construction, after the placement of temporary BMPs
- During construction (periodic inspections, based on the project's potential for discharge to our MS4, sensitive receiving water bodies, or water bodies listed as impaired by the FDEP.)

Site Priority

All construction sites are considered priority sites if they have the potential to discharge into the unincorporated Palm Beach County MS4, sensitive receiving water bodies within unincorporated Palm Beach County, or water bodies within unincorporated Palm Beach County listed as impaired by the FDEP. Sites will be inspected with a frequency deemed appropriate during the site plan review process, initial inspection and with consideration to rainfall events. In addition, any sites where compliance is a concern will be inspected more frequently.

Inspection Procedure

Inspections are the responsibility of Palm Beach County ERM's Surface Water Protection section. The intent of the inspection is to verify that all BMPs are performing properly and to ensure that the required documentation is being kept on-site. All completed inspection forms are kept in the ERM NPDES Compliance & Enforcement files and database.

Enforcement

Instances of non-compliance will be handled on a case by case nature with successively more rigorous enforcement measures depending on how egregious in nature the non-compliance or violation/violations are.

1. Notice of Non-Compliance
2. Notice of Violation

Site Inspection

Inspection Protocol:

1. The DEP Certified Erosion and Sedimentation Inspector shall familiarize himself/herself with the site Stormwater Pollution Prevention Plans (SWPPP) and identify all BMPs prior to the initial site inspection.
2. At the time of inspection, the inspector shall introduce himself/herself to the site superintendent and review the plans on site. Items to ask to see during the initial meeting with superintendent include:
 - a. State of Florida Notice of Intent (NOI) that should be posted/maintained on site.
 - b. Copy of Stormwater Pollution Prevention Plan (SWPPP) that should be maintained on site.
3. During the site inspection, it is the Inspectors responsibility to insure that all structural site erosion controls (BMPs) have been installed according to the approved plans and are working accordingly.
4. Photos shall be taken of current site conditions if necessary for documentation/enforcement. The inspector shall have capability to monitor turbidity and/or collect samples if the receiving water body is affected by the construction activities.

Method of Documentation

1. Upon returning to the office, site inspections shall be recorded in the appropriate computer database and inspection forms shall be completed and saved electronically and hard copies created and filed in the appropriate file folder.
2. Photos and turbidity data, if deemed necessary to obtain, shall be imported and saved into the appropriate database for future compliance and enforcement actions and reports.
3. The Erosion and Sedimentation Inspector shall maintain all documentation.