



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

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by email to the NPDES Stormwater Program Administrator or to the MS4 coordinator (<http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm>). Files larger than 10MB may be placed on the FTP site at: ftp://ftp.dep.state.fl.us/pub/NPDES_Stormwater/. After uploading files, email the MS4 coordinator or NPDES Program Administrator to notify them the report is ready for downloading; or by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

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

SECTION I. BACKGROUND INFORMATION

A.	Permittee Name: City of Palm Beach Gardens		
B.	Permit Name: Palm Beach County MS4		
C.	Permit Number: FLS000018-004 (Cycle 4)		
D.	Annual Report Year: <input type="checkbox"/> Year 1 <input checked="" 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): October / 2017 through September / 2018		
F.	Name of the Responsible Authority: Mr. Todd Engle, P.E.		
	Title: City Engineer		
	Mailing Address: 10500 North Military Trail		
	City: Palm Beach Gardens	Zip Code: 33410	County: Palm Beach
	Telephone Number: 561-804-7012		Fax Number: 561-799-4211
	E-mail Address: tengle@pbgfl.com		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above):		
	Title:		
	Department:		
	Mailing Address:		
	City:	Zip Code:	County:
	Telephone Number:		Fax Number:
	E-mail Address:		

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

SECTION III. PART V.B. ASSESSMENT PROGRAM

A.	<p>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. <i>DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.</i></p> <p>Name and date of the approved plan:</p> <p>Current approval of the Group Monitoring Plan is September 8, 2016 (with issuance of the Cycle 4 permit). Individual Assessment Plan was submitted in September 2017.</p> <p>Status:</p> <p>The Group Monitoring Report is included in the Cycle 4 Joint Annual Report. Our Individual Assessment Plan is awaiting approval by FDEP.</p>
B.	<p>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. <i>DEP Note: Results must be specific to the permittee's SWMP.</i></p> <p>The Palm Beach County MS4 permittee group will be developing pollutant loading estimates using the SIMPLE protocol. Utilizing sampling from the site established by the South Florida Water Management District, we will monitor the collection results and observe changes, if found.</p> <p>Once the Assessment Program is approved by FDEP, the City of Palm Beach Gardens will extract sampling information from the selected SFWMD site from prior joint annual reports, and additional collected data from SFWMD for our use moving forward. The first annual report on the Assessment Program will be concurrent with the Year 3 Annual Report Form (March 2020).</p> <p>The pollutant loading estimates developed during Year 3 of the permit cycle will be reviewed, and if possible, compared with previous permit cycles, with respect to our MS4. Receiving water trending reports/graphs for various parameters, as presented in the Joint Annual Report, will be reviewed, and a discussion will be included in the City of Palm Beach Gardens Annual Assessment Report.</p> <p>Based on the data from the water quality monitoring and the pollutant loading estimates, an effort will be made to determine if one portion of the MS4 should be targeted for additional loading reduction efforts, or additional pollutant control measures.</p>
C.	<p>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. <i>DEP Note: Analysis must be specific to the permittee's SWMP. Attachment #1 is a monitoring and data summary and discussion with street sweeping activities information that has continued throughout City streets over the reporting period. Information on the group water quality sampling parameter and frequency for C17S44 is included in the group's Joint Annual Report to FDEP.</i></p>

SECTION IV. FISCAL ANALYSIS

A.	<p>Total expenditures for the NPDES stormwater management program for the current reporting year: \$ 3 811,077.00 actual 2017/2018 actual budget</p>
B.	<p>Total budget for the NPDES stormwater management program for the subsequent reporting year: \$ 3,420,599.00 for 2018/2019 budget year 3</p>
C.	<p>Did the current reporting year resources decrease from the previous year? Y <input checked="" type="checkbox"/> / N <input type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p> <p>One-time capital expenditures such as repairs of non-major outfalls and slip lining /in situ repairs of the existing stormwater system occurred during year 2. In light of this, no negative impacts on the implementation of the SWMP due to the reduced yearly expenditures from year 2 to year 3.</p>

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

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

Attached	N/A	Required Attachments	Permit Citation	Attachment Number/Title
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.	Part III.A	Attachment #2 Illicit discharge list
<input type="checkbox"/>	<input checked="" type="checkbox"/>	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A list of the flood control projects that did not include stormwater treatment and an explanation for each of why it did not (if applicable).	Part III.A.4	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.	Part V.B.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.	Part III.A.1	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development.	Part III.A.2	Attachment #3 City code review of ordinances, make recommendations and review information
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.	Part V.A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from development.	Part III.A.2	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7.a	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. <ul style="list-style-type: none"> The monitoring plan (with revisions, if applicable). If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate. 	Part V.B.3 Part V.A.3	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	YEAR 4: TMDL Supplemental SWMP (if applicable).	Part VIII.B.3	

DO NOT SUBMIT ANY OTHER MATERIALS
(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

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

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

Name of Responsible Authority (type or print): Todd Engle, P.E.

Title: City Engineer

Signature:  Date: 1/24/2019

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.				
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments				
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation								
	Report the current known inventory.								
	Report the number of inspection and maintenance activities conducted for each applicable type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained. <i>Note: Delete structures that are not in your MS4's inventory. The permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.</i>								
	Type of Structure	Number of Structures	Number of Inspections	Percent Inspected	Number of Maintenance Activities	Percent Maintained	Document/ Record	Entity Performing the Activity	Comments
	Dry retention systems	3	3	100	24	100	Public Service Logs	Public Services	Mowed a min of twice a month
	Underdrain filter systems	0	0	0	0	0	Public Service Logs	Public Services	
	Exfiltration trench / French drains (lf)	0	0	0	0	0	Public Service Logs	Public Services	None
	Grass treatment swales (miles)	50	50	100	5	10	Public Service Logs	Public Services	Inspected once per year per mile
	Dry detention systems	11	11	100	24	100	Public Service Logs	Public Services	Mowed a min of twice a month
	Wet detention systems	9	8	100	24	100	Public Service Logs	Public Services	Inspected once per year
	Detention with filtration systems	0	0	0	0	0	Public Service Logs	Public Services	
	Alum Injection systems	0	0	0	0	0	Public Service Logs	Public Services	
	Pollution control boxes	1	12	100	0	0	Public Service Logs	Public Services	Inspected once per month
	pump stations	0	0	0	0	0	Public Service Logs	Public Services	None owned
	Major outfalls	41	41	100	41	100	Public Service Logs	Public Services	Inspected once per year

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments			
	Weirs or other control structures	14	14	100	Public Service Logs	Inspected once per year		
	pipes / culverts (miles)	12	12	100	Public Service Logs	Inspected as needed and during inventory process		
	Canals	7	7	100	Public Service Logs			
	Inlets / catch basins / grates	1400	755	52	Public Service Logs			
	Ditches / conveyance swales (miles)	1	1	100	Public Service Logs	Inspected annually		
	<p>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.</p>	□				All requirements met		

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE						
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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments	
Part III.A.1 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.					
	Strengths: The Streets/Stormwater Division has incorporated cleaning and video detection as part of the City's maintenance of stormwater infrastructure. The City cleaned and televised 8878 feet of the stormwater system, repaired 15 non-major outfalls, and removed 267 CY of sediment from the system. The Streets/Stormwater Division is very proactive and conducts monthly, quarterly, and annual inspections and maintenance of the City's MS4 system.					
	Limitations: None.					
	SWMP revisions implemented to address limitations: None.					
Part III.A.2	Areas of New Development and Significant Redevelopment					
	Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations.					
	Number of significant development projects reviewed	12	Plans/ Reports	Engineering		
	Number of significant development projects approved	12	Plans/Reports	Engineering		
Part III.A.2 Summary	Provide in the Year 2 Annual Report the summary report of the review activity. Provide in the Year 4 Annual Report the follow-up report on plan implementation.					
	Year 2 ONLY: Attach the summary report of the review activity	Attachment #4				
	Year 4 ONLY: Attach the follow-up report on plan implementation	<input type="checkbox"/>				
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.					
Part III.A.3	Strengths: Our City Program allows for significant review during the site plan approval and design process to enhance the storm water treatment for redevelopment within the City.					
	Limitations: None.					
	SWMP revisions implemented to address limitations: None.					
	Roadways					
Part III.A.3	Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected.					
	<i>Note: If the permittee does not contract activities, delete CONTRACTOR activities.</i>					
	PERMITTEE Litter Control: Frequency of litter collection	2x monthly	Roadway Trash Collection Reports	Public Services	Litter is collected on an as needed basis/min of twice per month	
	PERMITTEE Litter Control: Estimated amount of area maintained (if)	50 miles	Roadway Trash Collection Reports	Public Services	50 miles	
	PERMITTEE Litter Control: Estimated amount of litter collected (gal)	1248 gallons	Roadway Trash Collection Reports	Code Enforcement	Code Files	

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A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<p>CONTRACTOR Litter Control: Frequency of litter collection</p>				
	<p>CONTRACTOR Litter Control: Estimated amount of area maintained (if)</p>	2x daily	Per Citywide Contract	Public Services	
	<p>CONTRACTOR Litter Control: Estimated amount of litter collected (gal)</p>	25 miles	Per Citywide Contract	Public Services	25 miles
	<p>CONTRACTOR Litter Control: Estimated amount of litter collected (gal)</p>	468 gallons	Per Citywide Contract	Public Services	Estimate 2.0 CY per mile
	<p>OPTIONAL: If an Adopt-A-Road or similar program is implemented, report the total number of road miles cleaned and an estimate of the quantity of litter collected. If you do not participate in an Adopt-A-Road program, report "0".</p>				
	<p>Keep PBC Beautiful Trash Pick-up events: Total miles cleaned</p>	See County Joint Annual Report	See County Joint Annual Report	See County Joint Annual Report	See County Joint Annual Report
	<p>Keep PBC Beautiful Trash Pick-up Events: Estimated amount of litter collected (cy)</p>	See County Joint Annual Report	See County Joint Annual Report	See County Joint Annual Report	See County Joint Annual Report
	<p>Adopt-A-Road: Total miles cleaned</p>	0	City's Adopt A Street Program	Public Services	Currently no participants
	<p>Adopt-A-Road: Estimated amount of litter collected (cy)</p>	0	City's Adopt A Street Program	Public Services	Currently no participants
<p>Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F.</p>					
	<p>Frequency of street sweeping</p>	Bi-weekly	Street Sweeping Log	Public Services	
	<p>Total miles swept</p>	1990	Street Sweeping Log	Public Services	227 non-curbed miles/ 1762 curbed miles swept
	<p>Estimated quantity of sweeping material collected (cy / tons)</p>	527.3	Street Sweeping Log	Public Services	
	<p>Total phosphorous loadings removed (pounds)</p>	437	Quantifying Nutrient Loads	Public Services	FSA Calculator
	<p>Total nitrogen loadings removed (pounds)</p>	681	Quantifying Nutrient Loads	Public Services	FSA Calculator
<p>Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility.</p>					
	<p>Name of Facility</p>	<p>Number of Inspections</p>			
<p>Public Works Facility</p>		12	Municipal maintenance	Public Works	Monthly inspections

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
			yard inspection checklist		
Part III.A.3 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Street Sweeping, inspections, pipe cleaning, canal and lake maintenance, and pipe repair program are very effective and measurable activities within the Program.</p> <p>Limitations: None.</p> <p>SWMP revisions implemented to address limitations: None.</p>				
Part III.A.4	<p>Flood Control Projects</p> <p>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.</p> <p>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.</p>				
	<p>Flood control projects completed during the reporting period</p> <p>Flood control projects completed that did <u>not</u> include stormwater treatment Stormwater retrofit projects planned/under construction</p> <p>Stormwater retrofit projects completed</p>	<p>1 - ongoing</p> <p>N/A</p> <p>1</p> <p>2</p>	<p>Public Services</p> <p>N/A</p> <p>Public Services</p> <p>Engineering</p>	<p>Public Services</p> <p>N/A</p> <p>Public Services</p> <p>Engineering</p>	<p>Stormwater Infrastructure improvement program</p> <p>N/A</p> <p>Stormwater Infrastructure improvement program</p> <p>Dredge & canal bank stabilization Honeysuckle Canal, Gardens Parkway new installation of stormwater infrastructure</p>
Part III.A.4 Summary	<p>If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not.</p> <p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Allows the City to increase storm water quality for known problem areas.</p> <p>Limitations: Some areas within the City have standing water in the roadways after heavy rain events; however, standing water will dissipate within 2-</p>	<p><input type="checkbox"/></p>			

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	48 hours depending on rainfall amounts, as the MS4 is designed to do. SWMP revisions implemented to address limitations: None.				
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit				
	Report the applicable facilities and the number of the inspections conducted for each facility.				
	Name of Facility	Number of Inspections			
	Public Works Fleet Facility	12	Municipal maintenance yard inspection checklist	Public Works	Oil & water separator and sediment chamber Cleaned 2018
Part III.A.5 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: City of Palm Beach Gardens has none. Limitations: None. SWMP revisions implemented to address limitations: None.				
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application				
	Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. Report the number of permittee personnel who have been trained through the Green Industry BMP Program and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed.				
	PERSONNEL: FDACS public applicators of pesticides/herbicides	2	HR Personnel Files	Public Services	Licenses on file
	CONTRACTORS: FDACS commercial applicators of pesticides/herbicides	2	Contractor Files	Public Services	Licenses on file
	PERSONNEL: Green Industry BMP Program training completed	0	HR Personnel Files	Public Services	
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	2	Contractor Files	Public Services	Licenses on file
	Provide a copy of the adopted ordinance with the Year 2 Annual Report. If this provision is not applicable because the permittee is not within the watershed of a nutrient-impaired water body, indicate that in Column F.				
	Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance	<input checked="" type="checkbox"/>	Ordinance 20, 2011	City Engineer	See MS4 website
	Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides and fertilizers including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable).				
	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.

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number conducted School presentations: Number of participants Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants Number of visitors to stormwater-related pages				
Part III.A.6 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
Part III.A.7.a	Strengths: Adopted Florida Friendly Ordinance 20, 2011. Limitations: Enforcement during actual application of pesticide, herbicide, and fertilizer by residents. SWMP revisions implemented to address limitations: Continuing Public Education and Outreach Program.				
	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures Report amendments in Year 4.	<input type="checkbox"/>			
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal Report on the proactive inspection program, including the number of inspections conducted by the permittee, the number of illicit activities found, and the number and type of enforcement actions taken.				
	Proactive inspections for suspected illicit discharges Illicit discharges found during a proactive inspection NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	17 0 0	Proactive Inspection Program Illicit Discharge Form Proactive Inspection Program Illicit Discharge Form Code Enforcement Process	Engineering Department Engineering Department Code Enforcement	See Attachment1 Suspected Illicit Discharge Sites

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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>Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken.</p> <p>Reports of suspected illicit discharges received</p> <p>Reactive investigations of reports of suspected illicit discharges etc.</p> <p>Illicit discharges etc. found during reactive investigation</p> <p>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</p> <p>Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>Code Enforcement Process</p> <p>Code Enforcement Process</p> <p>Code Enforcement Process</p> <p>Code Enforcement Process</p>	<p>Code Enforcement</p> <p>Code Enforcement</p> <p>Code Enforcement</p> <p>Code Enforcement</p>	
Part III.A.7.d	Illicit Discharges and Improper Disposal — Spill Prevention and Response	17	Sign In sheet	PBC NPDES	See Joint PBC
	Personnel trained	See Joint PBC	See Joint PBC	See Joint PBC	See Joint PBC
	Contractors trained	See Joint PBC	See Joint PBC	See Joint PBC	See Joint PBC
	Hazardous and non-hazardous material spills responded to	64	Fire Rescue	Fire Rescue	55 Hazardous
	Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.	See Joint PBC	See Joint PBC	See Joint PBC	See Joint PBC
	Personnel trained	See Joint PBC	See Joint PBC	See Joint PBC	See Joint PBC
	Contractors trained	See Joint PBC	See Joint PBC	See Joint PBC	See Joint PBC
Part III.A.7.e	Illicit Discharges and Improper Disposal — Public Reporting				
	Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable).				
	Public Education and Outreach Program				
	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.				
	Brochures/Flyers/Fact sheets distributed				
	Neighborhood presentations: Number conducted				
	Neighborhood presentations: Number of participants				
	Newspapers & newsletters: Number of articles/notices published				
	Newsletters: Number of newsletters distributed				
	Public displays (e.g., kiosks, storyboards, posters, etc.)				

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Radio or television Public Service Announcements (PSAs) School presentations: Number conducted School presentations: Number of participants Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants Number of visitors to stormwater-related pages				
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, and the number of Web site visits (if applicable).				
	Public Education and Outreach Program Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number conducted School presentations: Number of participants Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants Storm sewer inlets newly marked/replaced Number of visitors to stormwater-related pages				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.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				
	Report on the type and number of activities undertaken to reduce or eliminate SSOs and inflow/ infiltration, the number of SSOs or inflow / infiltration incidents found and the number resolved, and the name of the owner of the sanitary sewer system within the permittee's jurisdiction. Report only the SSOs and inflow / infiltration incidents into the MS4. Activity to reduce/eliminate SSOs and I&I: Repair/lining of sanitary sewer system	12049 LF lined	Seacoast Utility Authority	Seacoast Utility Authority	Liner installed

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
	Activity to reduce/eliminate SSOs and I&I: Emergency Generator added	Replaced 4 old generators	Seacoast Utility Authority	Seacoast Utility Authority	Seacoast has 33 generators to use if there is a power loss
	SSO incidents discovered	2	Seacoast Utility Authority	Seacoast Utility Authority	
	SSO incidents resolved	2	Seacoast Utility Authority	Seacoast Utility Authority	
	Inflow / infiltration incidents discovered	0	Seacoast Utility Authority	Seacoast Utility Authority	
	Inflow / infiltration incidents resolved	0	Seacoast Utility Authority	Seacoast Utility Authority	
Part III.A.7 Summary	For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: Allows staff to evaluate if there is evidence of illicit discharge for high risk facilities.				
	Limitations: City can only check for illicit discharges at the time of inspection.				
	SWMP Revisions implemented to address limitations: Varying time of inspections.				
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections				
	Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year.				
	Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.				
	Type of Facility	Number of Facilities	Number of Inspections	Enforcement Actions	
	Operating municipal landfills	0			
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0			
	EPCRA Title III, Section 313 facilities (TRI)	0			
	Facilities determined as high risk by the permittee	17	17		
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries				
	Report the number of high risk facilities sampled.				
	High risk facilities sampled		0	N/A	N/A

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 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: No high-risk runoff areas in PBG. Limitations: N/A SWMP revisions implemented to address limitations: N/A				
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved.				
	PERMITTEE SITES: Construction site plans reviewed	2	Plans/Notes	Engineering Dept.	District Park/Golf
	PERMITTEE SITES: Construction site plans approved	2	Plans/Notes	Engineering Dept.	District Park/Golf
	PRIVATE SITES: Construction site plans reviewed	10	Plans/Notes	Engineering Dept.	Infrastructure
	PRIVATE SITES: Construction site plans approved	10	Plans/Notes	Engineering Dept.	Infrastructure
	Report the number of development permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.				
	Notified of ERP stormwater permit requirements	12	Plans/Notes	Engineering Dept.	
	Confirmed ERP coverage	12	Plans/Notes	Engineering Dept.	
	Notified of CGP stormwater permit requirements	12	Plans/Notes	Engineering Dept.	
	Confirmed CGP coverage	12	Plans/Notes	Engineering Dept.	
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken.				
	PERMITTEE SITES: Active construction sites	2	Engineering Records	Engineering Dept.	District Park/Golf
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	96	Engineering Records	Engineering Dept.	
	PERMITTEE SITES: Percentage of active construction sites inspected	100%	Engineering Records	Engineering Dept.	
	PRIVATE SITES: Active construction sites	10	Engineering Records	Engineering Dept.	
	PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	176	Engineering Records	Engineering Dept.	Site inspections
	PRIVATE SITES: Percentage of active construction sites inspected	100%	Engineering	Engineering	

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	N/A	Records Engineering Records	Dept. Engineering Dept	
	Enforcement Action				
Part III.A.9 Summary	Construction Site Runoff — Site Operator Training	Annual Training			
	Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training).	3	Engineering Public Works Building	Engineering Public Works Building	
	Permittee construction site inspectors	1	Engineering Public Works Building	Engineering Public Works Building	
	Permittee construction site plan reviewers	1	Engineering Public Works Building	Engineering Public Works Building	
	Permittee construction site operators	10	Engineering Public Works Building	Engineering Public Works Building	Eng Pre-Con onsite meetings
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	<i>Strengths: City inspects construction runoff on every routine inspection of each individual construction site to ensure SWPPP and BMP's are followed.</i>				
	<i>Limitations: Cannot be at every site every time it rains.</i>				
	<i>SWMP revisions implemented to address limitations: Require contractors to conduct their own inspections after each rainfall event.</i>				

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

A.	Permit Citation/ SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY.
		No change
B.	Permit Citation/ SWMP Element	Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change)
		<i>The City regularly updates a full base map to allow for the most accurate and complete inventory for the inspection, maintenance, and record-keeping process, the City owned IMS4. Additionally, the City cleaned 2,430 LF with 460 CF of sediments removed.</i>

SECTION IX. TMDL Status Report

YEAR 1 Provide a table summarizing the status of the TMDL process. Include a list of prioritized TMDLs and their monitoring and implementation schedule; and include the Identification number of the outfall prioritized for TMDL monitoring.

WBID Number	Segment/ Waterbody/ Basin	Pollutant of Concern	TMDL DEP / EPA	Percent Reduction (WLA)	Priority Rank	Priority Outfall	Monitoring Summary / BPCP Due Date	Supplemental SWMP Due Date
N/A			<input type="checkbox"/> / <input type="checkbox"/>		1			

YEAR 3 and annually thereafter, provide a summary of the estimated load reductions that have occurred for the pollutant(s) of concern being discharged from the MS4 to the TMDL water body during the reporting period and cumulatively since the date the Supplemental SWMP was implemented.

Year 3: Submit a Monitoring data summary or BPCP (if applicable).

Year 4: Submit a Supplemental SWMP (if applicable).

WBID Number	Pollutant of Concern	Monitoring Summary / BPCP Submitted	Supplemental SWMP Submitted	Projected load reductions OR Actual load reductions to date
N/A				

C. Provide a brief statement as to the status of TMDL implementation according to Part VIII.B of the permit (e.g. status of monitoring to validate WLA):

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

REVIEW OF LOCAL CODES

CITY OF PALM BEACH GARDENS

<u>Code Section</u>	<u>Title</u>	<u>Description</u>	<u>Reviewed</u>	<u>Recommended Improvements</u>
34-35	Pollution Control: Legislative findings	Florida friendly best management practices for protection of water resources by green industries	<u>X</u>	No revisions to code at this time.
34-36	Legislative findings	Regulate the proper use of fertilizers by any applicator; requires proper training of commercial and institutional fertilizer applicators; establishes training and licensing requirements; establishes a prohibited application period;	<u>X</u>	No revisions to code at this time.
34-39	Fertilizer-free zones	Fertilizer applications defined by FDEP Chapter 62-340, FAC	<u>X</u>	No revisions to code at this time.
34-42	Management of grass clippings and vegetative matter	Regulate grass and vegetative clippings in accordance with best management practices	<u>X</u>	No revisions to code at this time.
34-44	Training	All fertilizer applicators shall complete the six-hour training program in the "Florida-Friendly Best Management Practices for Protection of Water Resources by the Green Industries" program or an approved equivalent program.	<u>X</u>	No revisions to code at this time.
54-3	Solid Waste: Burial of garbage	No person shall deposit on or bury in or cause to be deposited on or buried in any land, public square, street, alley, vacant or unoccupied lot, or any lake, canal, creek, or watercourse	<u>X</u>	No revisions to code at this time.
62-7	Streets, Sidewalk. and certain other public places: Right-of-way blockage prohibited	The blocking, filling, altering, or obstructing of any swale, drainage course, stream, canal, canal maintenance platform, retention or detention areas, or any type of storm water management area	<u>X</u>	No revisions to code at this time.

62-9	Boating and bathing	Operation of motorized watercraft is prohibited in any city-owned canal or lake	<u>X</u>	No revisions to code at this time.
74-37	Applicability	To enhance the city's water resources and provide a permanent water conservation measure	<u>X</u>	No revisions to code at this time.
74-38	Purpose	To establish a water and landscape irrigation conservation will be consistent throughout the city.	<u>X</u>	No revisions to code at this time.
74-39	Hours restricted	Irrigation of any residential, commercial, institutional, governmental or industrial landscape areas shall be restricted to the hours of 5:00 p.m. to 9:00 a.m.	<u>X</u>	No revisions to code at this time.
74-40	Waste prohibited	Unlawful to operate or cause the operation of any irrigation system or device in a manner causing water to be wasted.	<u>X</u>	No revisions to code at this time.
74-41	Water sensing devices	New installations of automatic irrigation systems providing coverage of greater than one acre of irrigated area shall be equipped with a water sensing devices	<u>X</u>	No revisions to code at this time.
74-42	Exemptions	Certain items such as hand watering, wastewater effluent watering, and maintenance and repair of irrigation systems are exempt.	<u>X</u>	No revisions to code at this time.
74-63	Inspections and monitoring	Whenever necessary to make an inspection exists any condition constituting a violation of any discharge	<u>X</u>	No revisions to code at this time.
74-64	Industrial activity	Any discharge into the stormwater system in violation of any federal, state, county, municipal or other law, rule, regulation or permit is prohibited.	<u>X</u>	No revisions to code at this time.

74-65	Illicit discharges	In accordance with a valid NPDES permit, any discharge to the stormwater system that is not composed entirely of stormwater is prohibited.	<u>X</u>	No revisions to code at this time.
74-66	Spills and dumping	Any discharge to the stormwater system that is not composed entirely of stormwater is prohibited.	<u>X</u>	No revisions to code at this time.
74-71	Intent and purpose	Protect the water resources of the City of Palm Beach Gardens from the harmful effects of over utilization during periods of water shortage.	<u>X</u>	No revisions to code at this time.
74-75	Declaration of water shortage	All water use restrictions or other measures adopted by SFWMD for the City of Palm Beach Gardens, shall be subject to enforcement action pursuant to this article.	<u>X</u>	No revisions to code at this time.
78-75	Adopted levels of service	Designed to ensure that the adopted levels of service for specific public facilities will be maintained upon issuance by the city of any development order.	<u>X</u>	No revisions to code at this time.
78-120	Purpose and intent	To protect the health, safety, and welfare providing criteria for regulating and prohibiting the use, handling, production, and storage of certain hazardous substances which may impair present and future public potable water supply wells and wellfields.	<u>X</u>	No revisions to code at this time.
78-248	Review procedures for proposed land alterations	Outline of requirements for environmental issues in City and other agencies that review environmental or wetland areas.	<u>X</u>	No revisions to code at this time.

78-249	Approval criteria for proposed land alteration	Approval of land alteration requests. The growth management department may approve requests for land alteration consistent with the approved development order.	<u>X</u>	No revisions to code at this time.
78-250	Preserve area requirements	Preserve area requirements for environmentally significant lands in the City.	<u>X</u>	No revisions to code at this time.
78-251	Management plan	Management plan for the preserve area or any other conservation areas within the city shall be prepared by the property owner or entity responsible for management of the area.	<u>X</u>	No revisions to code at this time.
78-252	Forms of mitigation	Allowing mitigation in lieu of on-site preservation is to provide a public benefit to the city that equals or exceeds the expected benefit that would have been derived from on-site preservation.	<u>X</u>	No revisions to code at this time.
86-35	Floodplain ordinance	Adopts the Floodplain Management Ordinance conforming to the format of the Florida Building Code.	<u>X</u>	No revisions to code at this time.