



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

February 1, 2019

Sent via E-post

Everett J. Wegerif
Public Works Director
City of Cocoa
155 North Wilson Avenue
Cocoa, FL 32922

Subject: City of Cocoa Phase II Municipal Separate Storm Sewer System (MS4)
NPDES Permit ID Number **FLR04E032** (Cycle 4)
Notice of Renewed Permit Coverage - FINAL

Dear Everett J. Wegerif:

The Florida Department of Environmental Protection has received and processed your submittal of the *Notice of Intent to Use Generic Permit for Discharge of Stormwater from Phase II Municipal Separate Storm Sewer Systems* (NOI), Appendix A and the applicable permit processing fee for renewal of coverage under the Phase II MS4 Generic Permit.

This letter serves to acknowledge that your NOI and Appendix A is complete. The determination of a complete NOI means that your MS4 continues to be covered under the Phase II MS4 Generic Permit. **Your renewed coverage under this permit is effective as of February 1, 2019 and will expire on January 31, 2024.** Your permit identification number remains the same.

Coverage under the Phase II MS4 Generic Permit allows your MS4 to discharge stormwater provided that you implement the Stormwater Management Program (SWMP) included as Appendix A of your NOI annually and comply with all requirements of the Phase II MS4 Generic Permit.

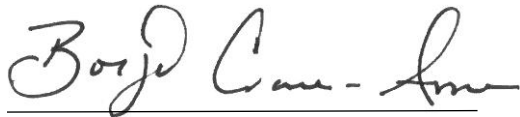
The implementation of the SWMP must occur based on the Schedule of Implementation specified in Appendix A of the approved NOI. Annual Reports are due within six months of the anniversary date of permit coverage. Please note that unless the department requires more frequent reports, annual reports summarizing your SWMP implementation efforts are required for Years 2 and 4 of your five-year permit coverage term, as follows:

- The Year 2 Annual Report should cover the 12-month period from **February 1, 2020 through January 31, 2021 and is due by July 31, 2021.**
- The Year 4 Annual Report should cover the 12-month period from **February 1, 2022 through January 31, 2023 and is due by July 31, 2023.**

If you have any questions, please contact Borja Crane-Amores phone at (850) 245-7520 or by email at Borja.CraneAmores@floridadep.gov.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

A handwritten signature in black ink, appearing to read "Borja Crane-Amores", is written over a horizontal line.

Borja Crane-Amores
Environmental Administrator
NPDES Stormwater Program
Division of Water Resource Management

Enc: Approved NOI for Cycle 4



NOTICE OF INTENT TO USE

For FDEP Internal Use Only
Permit ID: FLR _____

GENERIC PERMIT FOR DISCHARGE OF STORMWATER FROM PHASE II MUNICIPAL SEPARATE STORM SEWER SYSTEMS (RULE 62-621.300(7)(B), F.A.C)

INSTRUCTIONS:

- This NOI must be completed and submitted to the Department to authorize use of the Generic Permit for Discharge of Stormwater from Phase II Municipal Separate Storm Sewer Systems ("MS4 GP"), provided in Rule 62-621.300(7)(a), F.A.C.
- The type of municipal separate storm sewer system that qualifies for coverage under the MS4 GP and the applicable Phase II MS4 stormwater management program requirements are specified in the permit. You should familiarize yourself with the MS4 GP before completing this NOI.
- Submit this fully completed NOI, permit fee, and required attachments by mail to the address in the box at right. **DO NOT SUBMIT any materials not in the checklist in Section V. of this NOI.**
- Please print or type information in the appropriate areas below and complete each section.

Submit NOI, permit fee, and required attachments to:

NPDES Stormwater Notices Center
M.S. #3585
Florida Department of Environmental
Protection 2600 Blair Stone Road
Tallahassee, FL 32399-2400

SECTION I. PHASE II MS4 OPERATOR INFORMATION

A.	Name of the Phase II MS4 Operator: City of Cocoa		
B.	Name of the Phase II MS4 Responsible Authority: Everett J. Wegerif		
	Title: Public Works Director		
	Mailing Address: 155 N. Wilson Avenue		
	City: Cocoa	Zip Code: 32922	County: Brevard
	Telephone Number: (321)-433-8770	E-mail Address: ewegerif@cocoafl.org	
C.	Name of the Designated Phase II MS4 Stormwater Management Program Contact: Michael Giorgio		
	Title: Streets Division Manager		
	Department: Public Works		
	Mailing Address: 155 N. Wilson Avenue		
	City: Cocoa	Zip Code: 32922	County: Brevard
	Telephone Number: (321)-433-8771		
	E-mail Address: mgiorgio@cocoafl.org		
D.	Location of the Phase II MS4 (if different than the mailing address in Section I.C. above):		
	Street Address: (Same Location)		
	City:	Zip Code:	County:
E.	Approximate center of the Phase II MS4:		Received 6/26/2018
Latitude: 26° 22' 22"	Longitude: 80° 45' 17"		
F.	Phase II MS4 ownership status (check one): <input checked="" type="checkbox"/> Public <input type="checkbox"/> State <input type="checkbox"/> Federal		
G.	Total resident population of the Phase II MS4: 18,102 (Source USCB Estimate)		
H.	Name of the urbanized area(s) the Phase II MS4 is located within (if applicable): City of Cocoa		
I.	Name of the Water Management District the Phase II MS4 is located within (check all that apply):		
	<input type="checkbox"/> Northwest Florida Water Management District	<input type="checkbox"/> Southwest Florida Water Management District	
	<input type="checkbox"/> Suwannee River Water Management District	<input checked="" type="checkbox"/> St. John's River Water Management District	
	<input type="checkbox"/> South Florida Water Management District		

SECTION II. SHARING RESPONSIBILITY

You may rely on another entity to satisfy some or all of your permit obligations if the conditions in Part IX of the MS4 GP are met. Another entity may implement one or more of the measures and/or a component of a measure on your behalf. You may rely on another entity to satisfy all permit obligations (including annual reporting) but only if the entity is permitted under Chapter 62-624, F.A.C. Note the following:

- You will remain responsible for compliance with your permit obligations if the other entity(ies) fails to implement the control measure(s) or a component thereof on your behalf. You must establish a written agreement with the other entity(ies) before submitting this NOI.
- Relying on another entity, or entities, either partially or fully does not preclude you from the obligation to fully complete this NOI, including the information required in Section IV.

A.	1.	Has another entity, regulated under Chapter 62-624, F.A.C., agreed to implement all of your permit obligations on your behalf? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, complete Section II.A.2. If no, skip to Section II. B		
	2.	Name of Entity:		
		Contact Name:		
		Title:		
		Department:		
		Mailing Address:		
		City:	Zip Code:	County:
		Telephone Number:		
		E-mail Address:		
B.	1.	Has another entity, agreed to implement one or more of the minimum control measures (or a component thereof) on your behalf? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, complete Section II.B.2. If no, skip to Section II. B.3 (See the note below for any additional entities)		
	2.	Control measure(s) or component of a control measure to be implemented by the other entity: Public Education & Outreach on Stormwater Impacts; Public Involvement and Participation; Illicit Discharge Detection and Elimination – Required element 3d for businesses and general public.		
	3.	Name of Entity: LIVE BLUE Program www.LiveBlueFL.org		
		Contact Name: Lisabeth Good		
		Title: Program Coordinator		
		Department:		
		Mailing Address: PO Box 232		
		City: Grant, FL	Zip Code: 32949	County: Brevard
		Telephone Number: 321-345-6258		
		E-mail Address: lisa@bluelifevl.org		
Note: For each additional entity sharing stormwater management program responsibilities with you, provide on a separate sheet the information requested in Sections II.B.2. and II.B.3. Title the sheet "Section II.B: Additional Entities Information" and attach it to this NOI.				

SECTION III. RECEIVING WATERS

Identify the named receiving waterbodies to which your Phase II MS4 discharges. Include all such waterbodies known to you at the time of this application:

Indian River Lagoon (direct)	Mud Lake	
Indian River Lagoon (via Bracco Reservoir)	Clear Lake	
	Rockpond	
St Johns River (via unnamed ditches)		
Lake Poinsett (via unnamed ditches)		

SECTION IV. MINIMUM CONTROL MEASURES

- A. Complete the Phase II MS4 Stormwater Management Program (SWMP) Elements Form in Appendix A for each minimum control measure described in Part VI. of the MS4 GP, except the Post-construction Stormwater Management in New Development and Redevelopment minimum control measure if you have chosen the qualifying alternative program option for this measure under Part X. of the permit. If you choose, however, to implement BMPs for the Post-construction measure, please complete a SWMP Elements Form for the measure.

Include in the SWMP Elements Form all best management practices (BMPs) currently in place or planned for each element of each minimum control measure. There is no limit to the number of BMPs you may include. Make copies of the form as necessary to accommodate all of your BMPs. The completed forms, in their entirety, will be considered by the Department to be the outline of your proposed stormwater management program. Attach all completed forms to this NOI.

- B. Provide the total number of pages of SWMP Elements Forms that are attached to this NOI for each minimum control measure:

<u>Minimum Control Measure</u>	<u># of Pages</u>
Public Education and Outreach as to Stormwater Impacts	1
Public Involvement/Public Participation	1
Illicit Discharge Detection and Elimination	2
Construction Site Stormwater Runoff Control	2
Post-construction Stormwater Management in New Development and Redevelopment	1
Pollution Prevention/Good Housekeeping for Municipal Operations	2

SECTION V. MATERIALS TO BE SUBMITTED WITH THIS NOI

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

- | <u>Attached</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | | The permit application fee, as prescribed by Rule 62-4.050(4)(d)(6), F.A.C. Make all check and money orders payable to the Florida Department of Environmental Protection. |
| <input checked="" type="checkbox"/> | | A fully completed Phase II MS4 Stormwater Management Program Elements Form (see Appendix A) for <u>each</u> minimum control measure except the Post-construction Stormwater Management in New Development and Redevelopment minimum control measure if you have chosen the qualifying alternative program option for this measure under Part X. of the MS4 GP. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Additional entities information, as required under the note in Section II.B. of this NOI. |

DO NOT SUBMIT ANY OTHER MATERIALS

(such as your complete Stormwater Management Plan, ordinances, storm sewer map, public outreach, etc.)

SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section I.B. of this NOI must sign the following certification statement:¹

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 Phase II MS4 Responsible Authority (type or print):

Everett J. Wegert, P.E.

Title:

Director, Public Works

Signature:

[Handwritten Signature]

Date:

6/25, 2018

¹ Signatory requirements are contained in Rule 62-620.305, F.A.C.

**INSTRUCTIONS FOR APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM**

General Instructions

- Complete this form for each minimum control measure described in Part VI. of the Generic Permit for Discharge of Stormwater from Phase II Municipal Separate Storm Sewer Systems ("MS4 GP") provided in Rule 62-621.300(7)(a), F.A.C., except the Post-construction Stormwater Management in New Development and Redevelopment minimum control measure if you have chosen the qualifying alternative program option for this measure under Part X. of the permit. If you choose, however, to implement BMPs for the Post-construction measure, please complete a SWMP Elements Form for the measure.
- Include all best management practices (BMPs) currently in place or planned for each element of each minimum control measure. There is no limit to the total number of BMPs you may include.
- Make copies of the form as necessary to accommodate all of your BMPs.
- The completed forms, in their entirety, will be considered by the Department to be the outline of your proposed stormwater management program. Attach the forms to the NOI and submit to the Department at the address provided on the NOI.
- **Please print or type information in the appropriate areas of this form.**

Section A.I: MINIMUM CONTROL MEASURE

- Indicate which minimum control measure the BMPs in Section A.II. address. Check only one measure. Use a separate form for each measure.

Section A.II: BEST MANAGEMENT PRACTICES

- Include BMPs only for the measure you have identified in Section A.I. The Department encourages the use of the Florida Land Development Manual: A Guide to Sound Land and Water Management (FDER, 1988) and the U.S. Environmental Protection Agency's National Menu of Best Management Practices for Storm Water Phase II in developing Phase II stormwater management programs. Both are available from the Department.
- Element ID: Table 1 below includes all the minimum control measure elements required under Part IV. of the MS4 GP. Using Table 1, identify which element of the minimum control measure each BMP addresses. For example, a BMP addressing the procedures for site plan review under the Construction Site Stormwater Runoff Control Minimum Control Measure would be labeled as "4d." You must include at least one BMP for each element.
- BMP Number: For each minimum control measure, number the BMPs starting with 01 and continue the numbering in sequential order on any additional forms for the measure. The numbering of the BMPs is for reference purposes only and does not provide additional weight to, nor prioritize, one BMP over another.
- Measurable Goals: List the measurable goal(s) for each BMP. You must include at least one measurable goal for each BMP and may include as many as necessary for the BMP – you are not limited to the four lines provided on the form.
- Schedule for Implementation/Completion: For each measurable goal, include the year each action will be implemented and, as applicable, the interim milestones, completion date, or planned frequency of the action.
- Responsible Entity/Department: Include the name of the entity (if other than the Phase II MS4 Operator) or of the internal department (if it is the Phase II MS4 Operator) responsible for implementing or coordinating each BMP.

Page Numbering

- Once this form has been completed for each minimum control measure, place the forms in an order corresponding to the order of the measures in Table 1 (below) and number the forms accordingly at the bottom of each.

Table 1: Minimum Control Measure Required Elements

Element ID	Description of Minimum Control Measure Required Elements
	1. Public Education and Outreach Minimum Control Measure:
1a	a) Implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.
	2. Public Participation/Involvement Minimum Control Measure:
2a	a) Comply with State and local public notice requirements when implementing a public involvement/public participation program.
	3. Illicit Discharge Detection and Elimination Minimum Control Measure:
3a	a) Develop, if not already completed, a storm sewer system map, showing the location of all known outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls.
3b	b) To the extent allowable under State or local law, effectively prohibit through ordinance, or other regulatory mechanism, of non-stormwater (i.e., "illicit") discharges into the storm sewer system and implement appropriate enforcement procedures and actions.
3c	c) Develop and implement a plan to detect and eliminate non-stormwater discharges, including illegal dumping, to the MS4.
3d	d) Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.
	4. Construction Site Stormwater Runoff Control Minimum Control Measure:
4a	a) Develop and implement, to the extent allowable under State or local law, an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to reduce pollutants in any stormwater runoff to the Phase II MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of pollutants associated with stormwater discharges from construction activity disturbing less than one acre must also be included if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more.
4b	b) Develop and implement requirements for construction site operators to implement appropriate erosion and sediment control best management practices.
4c	c) Develop and implement requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.
4d	d) Develop and implement procedures for site plan review that incorporate consideration of potential water quality impacts.
4e	e) Develop and implement procedures for receipt and consideration of information submitted by the public.
4f	f) Develop and implement procedures for site inspection and enforcement of control measures.
	5. Post-construction Stormwater Management in New Development and Redevelopment Minimum Control Measure: NOT REQUIRED IF USING QUALIFIED ALTERNATIVE PROGRAM
5a	a) Use an ordinance or other regulatory mechanism, to the extent allowable under State or local law, to address from post-construction runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the Phase II MS4. The program must require that controls be in place that would prevent or minimize water quality impacts from new development or redevelopment.
5b	b) Develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for the community.
5c	c) Require adequate long-term operation and maintenance of BMPs.
	6. Municipal Operation Pollution Prevention and Good Housekeeping Minimum Control Measure:
6a	a) Develop and implement an operation and maintenance program that has the ultimate goal of preventing or reducing pollutant runoff from MS4 operator activities, such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance.
6b	b) Using training materials that are available from EPA, the Department, or other organizations, include employee training to prevent and reduce stormwater pollution from MS4 operator activities.

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

- | | | |
|----------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> 1. Public Education and Outreach | <input type="checkbox"/> 3. Illicit Discharge Detection/Elimination | <input type="checkbox"/> 5. Post-construction Stormwater Management (optional) |
| <input type="checkbox"/> 2. Public Involvement/Participation | <input type="checkbox"/> 4. Construction Site Stormwater Runoff Control | <input type="checkbox"/> 6. Pollution Prevention/Good Housekeeping |

SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>1a</u>	<u>01</u>	Adult Group Presentations	1. Track and report the number of attendees.	1. Year 1-5	LIVE BLUE Program
		Stormwater presentation and demonstration to adult groups. Conduct One presentation per year; typically, Rotary Club.			
<u>1a</u>	<u>02</u>	Youth Education Program	1. Track and report the number of attendees.	1. Year 1-5	LIVE BLUE Program
		Presentation of education programs to school-aged children. Conduct three presentations per year.			
<u>1a</u>	<u>03</u>	Green Events	1. Track and report the number of attendees.	1. Year 1-5	LIVE BLUE Program
		Participate twice per year in special events (festivals, workshops, home shows, etc.) Typically "Trash Bash" and "Arbor Day"			
<u>1a</u>	<u>04</u>	General Public Programs	1. Track and report the number of attendees.	1. Year 1-5	LIVE BLUE Program
		Conduct presentations twice per year; typically at Travis park. (for Middle and High School)			
<u>1a</u>	<u>05</u>	Media Outreach	1. Track and report number of newsletters distributed	1. Year 1-5	LIVE BLUE Program
		Coordinate media outreach through City of Cocoa Social Media (Facebook, Twitter, LinkedIn), "FYI" newsletter and water utility billing as needed to inform public and/or do surveys. Conducted as needed to inform public.	2. Track and report number of utility bills with a Stormwater message distributed		
			3. Track and report number of Stormwater messages distributed via social media.		

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

- | | | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> 1. Public Education and Outreach | <input type="checkbox"/> 3. Illicit Discharge Detection/Elimination | <input type="checkbox"/> 5. Post-construction Stormwater Management (optional) |
| <input checked="" type="checkbox"/> 2. Public Involvement/Participation | <input type="checkbox"/> 4. Construction Site Stormwater Runoff Control | <input type="checkbox"/> 6. Pollution Prevention/Good Housekeeping |

SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>2a</u>	<u>01</u>	Public Notices Comply with State and local public notice requirements when implementing a public involvement/ public participation programs pertaining to SWMP related ordinance development and policy. Notices are found on the City of Cocoa website and the bulletin boards at City Hall.	1.Track and report the number of public notices published pertaining to the City's SWMP policy decisions	1.Year 1-5	Program Contact and Public Works Dept.
<u>2a</u>	<u>02</u>	Trash Bash Continue to assist and support "Keep Brevard Beautiful" Annual Trash Bash. The event occurs through the help of volunteers and will be noticed through mentions on local newspapers and news stations, and City of Cocoa's Social Media (Facebook, Twitter, LinkedIn)	1.Track and report number of participants.	1. Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the amount of trash collected.	2. Year 1-5	
<u>2a</u>	<u>03</u>	Stenciling Program Continue to maintain inlet labeling/stenciling with the help of volunteers. Notices for the stenciling program will be found on the City of Cocoa's Social Media (Facebook, Twitter, LinkedIn)	1.Track and report the number of volunteer attendees.	1. Year 1-5	Program Contact and Public Works Dept. and LIVE BLUE
			2.Track and report the number of inlets marked.	2. Year 1-5	
			3.Track and report the number of markers reinstalled	3.Year 1-5	
			4.	4.	
<u> </u>	<u> </u>		1.	1.	
			2.	2.	
			3.	3.	
<u> </u>	<u> </u>		1.	1.	
			2.	2.	
			3.	3.	

Page # 2 of 9 total pages of SWMP Elements Forms attached to the NOI

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

- | | | |
|--------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> 1. Public Education and Outreach | <input checked="" type="checkbox"/> 3. Illicit Discharge Detection/Elimination | <input type="checkbox"/> 5. Post-construction Stormwater Management (optional) |
| <input type="checkbox"/> 2. Public Involvement/Participation | <input type="checkbox"/> 4. Construction Site Stormwater Runoff Control | <input type="checkbox"/> 6. Pollution Prevention/Good Housekeeping |

SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>3a</u>	<u>01</u>	MS4 Outfall Map Maintain a storm sewer system map showing the locations of all known outfalls and the names and locations of all surface waters of the State that receive discharges from those outfalls. Collect & maintain data and Input data into GIS Mapping	1.Track and report any newly mapped outfalls	1.Year 1-5	Program Contact and Public Works Dept.
<u>3a</u>	<u>02</u>	City Owned Structures Finish developing an inventory of the City's owned and maintained structures to include linear feet of conveyance (swales or pipes), number of inlets/catch basins, number of retention/detention ponds. Inventory finishes 2019	1.Track and report the length of conveyance system (pipes or swales)	1. Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the number of inlets/catch basins	2. Year 1-5	
			3.Track and report the number of retention/detention ponds	3. Year 1-5	
<u>3b</u>	<u>01</u>	Illicit Discharge Ordinance To the extent allowable under State or local law, effectively prohibit, through ordinance or other regulatory mechanism, non-stormwater (i.e., "illicit") discharges into the storm sewer system and implement appropriate enforcement procedures and actions. The current City Code providing enforcement authority for this BMP is Sec. 22, Subdivision 2 (Cocoa, Florida, Code of Ordinances) Ordinance Number 10-2011, ss 2, 7-26-2011. Annually evaluate the effectiveness of local codes in prohibiting and removing illicit discharges and taking appropriate enforcement actions against such discharges.	1.Track and report any changes or amendments to the ordinances or codes, if applicable.	1. Year 1-5	Program Contact and Public Works Dept.
<u>3c</u>	<u>01</u>	Illicit Discharge Detection & Elimination (IDDE) Inspections Continue to implement a plan to conduct proactive inspections to identify and remove illicit connections, illicit discharging to the MS4. Detect & eliminate non-stormwater discharges, including illegal dumping to the MS4. Public Works and Utilities Department employees are trained to recognize & report stormwater contamination violations and proactive site visits are part of at least two 'stormwater manager certified' employees job performed and found during dry season would be noticed during wet season.	1.Track and report the number of illicit discharge, illicit connection, & illegal dumping inspections performed	1. Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the number of illicit discharges and/or illegal dumpings found.	2. Year 1-5	
			3.Track and report the number of illicit discharges and/or illegal dumpings eliminated.	3. Year 1-5	
			4.Track and report the number of enforcement actions.	4. Year 1-5	

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

- | | | |
|--------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> 1. Public Education and Outreach | <input checked="" type="checkbox"/> 3. Illicit Discharge Detection/Elimination | <input type="checkbox"/> 5. Post-construction Stormwater Management (optional) |
| <input type="checkbox"/> 2. Public Involvement/Participation | <input type="checkbox"/> 4. Construction Site Stormwater Runoff Control | <input type="checkbox"/> 6. Pollution Prevention/Good Housekeeping |

SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>3c</u>	<u>02</u>	City Personnel Training Utilize City personnel to recognize illicit discharges, illicit discharge connection recognition, and/or dumping. Continue training appropriate City personnel.	1.Track and report number of employees trained.	1. Year 1-5	Program Contact and Public Works Dept.
<u>3c</u>	<u>03</u>	Sanitary Sewer Overflows Monitor/eliminate sanitary sewer overflows. Coordinate monitoring with sewer personnel and coordinate elimination of sewer overflows as needed.	1. Track and report number of sanitary sewer overflow (SSO) incidents affecting the MS4 each year.	1. Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the number of SSO's eliminated.	2. Year 1-5	
<u>3c</u>	<u>04</u>	IDDE Contacting Maintain City of Cocoa's Report a Concern link and phone calls concerning IDDE will be taken at the Public Works Main phonenumber.	1. Track and report number of notification calls to public works are concerning IDDE.	1. Year 1-5	Program Contact and Public Works Dept.
			2. Track and report number of Report a Concern messages sent.	2. Year 1-5	
<u>3d</u>	<u>01</u>	Illicit Discharge Training - Employees Inform employees of hazards associated with illegal discharges and improper disposal of waste. Train appropriate personnel and maintain and update training material.	1.Track and report number of employees trained.	1. Year 1-5	Program Contact and Public Works Dept.
<u>3d</u>	<u>02</u>	Illicit Discharge Outreach - Public Maintain no dumping signage program. Install signage where needed; keep a record of where the signs are placed and take pictures of no dumping signage and actual discharges to broadcast on City's Social Media(Facebook, twitter, LinkedIn)	1.Track and report number of signs placed and their locations	1. Year 1-5	Program Contact and Public Works Dept.
<u>3d</u>	<u>03</u>	Business Group Brochures Create an electronic brochure that will be distributed via social media with posting on City of Cocoa's social media (Facebook/twitter/LinkedIn)	1.Track and report number businesses the brochure has been handed to.	1. Year 1-5	Program Contact and Public Works Dept.

Page # 4 of 9 total pages of SWMP Elements Forms attached to the NOI

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

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|--------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> 1. Public Education and Outreach | <input type="checkbox"/> 3. Illicit Discharge Detection/Elimination | <input type="checkbox"/> 5. Post-construction Stormwater Management (optional) |
| <input type="checkbox"/> 2. Public Involvement/Participation | <input checked="" type="checkbox"/> 4. Construction Site Stormwater Runoff Control | <input type="checkbox"/> 6. Pollution Prevention/Good Housekeeping |

SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>4a</u>	<u>01</u>	Construction Compliance Ordinance Continue to implement, to the extent allowable under State or local law, an ordinance or other regulatory mechanism to require erosion controls, as well as sanctions to ensure compliance; to reduce pollutants in any stormwater runoff to the Phase II MS4 from construction activities that result in a land disturbance of greater than one acre. Reduction of pollutants associated with stormwater discharges from construction activity disturbing less than one acre must also be included if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. The current City Code providing enforcement authority for this BMP is Sec. 22, Subdivision 3 (Cocoa, Florida, Code of Ordinances) Ordinance Number 9-2011, ss 2, 7-26-2011	1.Track and report any changes or amendments to the ordinance or codes, if applicable.	1.Year 1-5	Program Contact and Public Works Dept. and Community Development Dept. (Building Officials and Code Enforcement).
<u>4b</u>	<u>02</u>	Sediment and Erosion Control BMP Continue to implement and maintain requirements for construction site operators to implement appropriate erosion control best management practices.	1. Track and report annually the number of construction sites operating under the ordinance requirements developed in Element 4a-01 above implementing BMP 4b-02 2. Track and report the number of violations specific to sediment and erosion controls.	1.Year 1-5	Program Contact and Public Works Dept. and Community Development Dept.
<u>4c</u>	<u>01</u>	Construction Site Waste Control Requirements Continue to implement and maintain requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, materials storage and sanitary waste at the construction site that may cause adverse impacts to water quality	1. Track and report annually the number of construction sites operating under the ordinance requirements developed in Element 4a-01 above implementing BMP 4b-03 2. Track and report the number of violations specific to waste controls	1.Year 1-5	Program Contact and Public Works Dept. and Community Development Dept.
<u>4d</u>	<u>01</u>	Site Plan Review Continue to implement and maintain procedures for site plan review that incorporate consideration of potential water quality impacts. Notify applicants of the potential need for an ERP permit from the water management district and/or NPDES Construction Generic Permit.	1.Track & report annually the number of site plan reviews performed & approved that incorporate compliance comments consistent with requirements developed in 4a-01above; implementing BMP 4d-04 2.Document & report the number of applicants notified of the CGP & ERP permits.	1.Year 1-5 2. Year 1-5	Program Contact and Public Works Dept. and Community Development Dept.

APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

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SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>4e</u>	<u>01</u>	Construction Related Public Input Continue to implement and maintain procedures for receipt and consideration of information submitted by the public regarding stormwater problems with construction sites. Maintain stormwater hotline/depository	1.Track and report annually the number of public comments received regarding Stormwater problems with construction sites and respective follow-up activities.	1.Year 1-5	Program Contact and Public Works Dept.
<u>4f</u>	<u>01</u>	Construction Site Inspections Implement, maintain & revise procedures for site inspection and enforcement of control measures such as inspection schedules, checklists, reporting tools, record keeping and enforcement process procedures. Verify ERP & CGP coverage.	1.Track and report annually the number of construction site inspections conducted as well as the number of enforcement and follow-up actions taken.	1. Year 1-5	Program Contact and Public Works Dept. and Community Development Dept.
			2.Track and report the number of enforcement and follow-up actions conducted.	2. Year 1-5	
			3.Track and report the number of construction sites verified for ERP/CGP permits.	3. Year 1-5	
___	___		1.	1.	
			2.	2.	
			3.	3.	
___	___		1.	1.	
			2.	2.	
			3.	3.	
			4.	4.	

**APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM**

SECTION A.I. MINIMUM CONTROL MEASURE (check only one)

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SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>5a-c</u>	<u>01</u>	Post Construction Stormwater Management Utilize qualifying alternative program; City of Cocoa relies on the current SJRWMD and FDEP regulatory criteria by providing Stormwater treatment for ERP Permitted projects.	1.Continue to maintain compliance with DEP and WMD criteria	1.Effective upon permit issuance.	FDEP
					SJRWMD
____	____		1. _____	1. _____	
			2. _____	2. _____	
			3. _____	3. _____	
			4. _____	4. _____	
____	____		1. _____	1. _____	
			2. _____	2. _____	
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____	____		1. _____	1. _____	
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APPENDIX A
PHASE II MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ELEMENTS FORM

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SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>6a</u>	<u>01</u>	Street Sweeping The City will street sweep all curb, gutter, and parking lots to remove debris and particle matter throughout the city alternating through sections of the city each week, once per month and additionally as necessary.	1.Track and report the number of miles swept.	1.Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the amount of debris removed.	2. Year 1-5	
<u>6a</u>	<u>02</u>	Stormwater Conveyance SOPs Inspect/clean baffle boxes and other key conveyance locations in the system that require periodic debris removal maintenance. Inspect once per year during the rainy season to assure efficient performance and clean as needed. Use the written standard operating procedures for the inspection, operation and maintenance of the City's MS4, including a schedule of regular maintenance activities.	1.Track and report the number of Stormwater system components inspected, cleaned, and maintained.	1. Year 1-5	Program Contact and Public Works Dept.
			2.Track and report the amount of debris removed.	2. Year 1-5	
<u>6a</u>	<u>03</u>	Turf Maintenance SOPs Maintain effective operating procedures for landscape/turf maintenance to reduce input of clippings, pesticides, fertilizers, etc. into storm drainage system. Continue implementation of effective operating procedures	1.Track and report the amount of litter collected from inmate rubbish pick up group.	1.Year 1-5	Program Contact and Public Works Dept.
			2. Track & report annually number of employees trained for this BMP.	2. Year 1-5	
<u>6a</u>	<u>04</u>	Equipment/Material Storage SOPs Maintain effective operating procedures for City materials storage. Conduct inspections of municipal equipment & materials storage yards, vehicle maintenance facilities and any other outside areas utilized by the city for materials, equipment and vehicle storage.	1.Track and report the number of pollution prevention inspections conducted and their locations and descriptions quarterly.	1.Year 1-5	Program Contact and Public Works Dept.

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SECTION A.II. BEST MANAGEMENT PRACTICES (BMPs) For The Minimum Control Measure Identified In Section A.I. Of This Form

Element ID	BMP Number	A	B	C	D
		Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
<u>6a</u>	<u>05</u>	BMAP for an Adopt TMDL In accordance with Section 403.067, F.S., the City of Cocoa must comply with the adopted provisions of the BMAP and/or implementation plan that specify activities to be undertaken by the City of Cocoa during the permit cycle.	 1. Continue to participate and implement the scheduled activities defined in the adopted BMAP or implementation plan.	 1. Year 1-5	Program Contact and Public Works Dept.
<u>6b</u>	<u>01</u>	MS4 Operator Trainings Using training materials that are available from EPA, the Department or other organizations, provide employee training to prevent and reduce stormwater pollution from MS4 operator activities. Maintain training material collection.	 1. Track and report annually the number of employees trained.	 1.Year 1-5	
<u>6b</u>	<u>02</u>	Refuse Collector Training Negotiate/coordinate/train refuse collection contractors to improve collection procedures to prevent loose waste Encourage contractor participation with MS4 operator goals through negotiation process & coordinate training	 1. Track and report the number of solid waste employees who receive this training.	 1. Year 1-5	Program Contact and Public Works Dept.
<u>6b</u>	<u>03</u>	FDEP ESC Refresher Maintain effective operating procedures for City construction/maintenance work site erosion/sediment control. Provide an annual refresher to those who have already received their FDEP Erosion and Sediment Control Training.	 1. Track and report annually the number of employees who received the annual refresher training.	 1. Year 1-5	Program Contact and Public Works Dept.