

NPDES ANNUAL REPORT
Phase II MS4 Permit ID # FLR04E 031

PHASE II MS4 ANNUAL REPORT for Permit Year : 1 2 3 4 5 Other: ? _____

Instructions for completing this form:

- Complete Sections I through V and submit to the Department to fulfill the annual reporting requirement under the Generic Permit for Discharge of Stormwater from Phase II Municipal Separate Storm Sewer Systems, Rule 62-621.300(7)(a), F.A.C.
- The numbering and references to Best Management Practices (BMPs) on the Annual Report Form should reflect the information given in the MS4's Notice of Intent (NOI) form previously submitted to the Department. **PLEASE REFER TO ORIGINAL AND APPROVED PHASE II MS4 NOI SUBMITTAL WHILE COMPLETING SECTION II OF THIS FORM.** Proposed changes to the approved SWMP shall be indicated in Section III of this form.
- When complete, submit this Annual Report form to the following address:
 NPDES Stormwater Section
 Florida Department of Environmental Protection
 2600 Blair Stone Road
 M.S. 2500
 Tallahassee, FL 32399-2400.
- Do **NOT** include any attachments **EXCEPT** for Monitoring Data in Section IV, if applicable.

SECTION I. PHASE II MS4 OPERATOR INFORMATION

A.	Name of the Phase II MS4 Operator: City of Stuart, FL		
B.	Name of the Phase II MS4 Responsible Authority: Samuel T. Amerson, P.E.		
	Title: Interim City Manager		
	Mailing Address: 121 S.W. Flagler Avenue		
	City: Stuart	Zip Code: 34994	County: Martin
	Telephone Number: (772) 288-5331		
C.	Name of the Designated Phase II MS4 Stormwater Management Program Contact: William Griffin		
	Title: Team Leader I		
	Department: Public Works		
	Mailing Address: 121 S.W. Flagler Avenue		
	City: Stuart	Zip Code: 34994	County: Martin
	Telephone Number: Amerson (772) 288-5331 ; Griffin (772) 600-1264		
	E-mail Address: samerson@ci.stuart.fl.us ; wgriffin@ci.stuart.fl.us		
D.	Location of the Phase II MS4 (if different than the mailing address in Section I.C. above): N/A		
	Street Address:		
	City:	Zip Code:	County:

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SECTION II. SUMMARY OF STORMWATER MANAGEMENT PROGRAM ACTIVITIES

Indicate the Phase II MS4 status of compliance in terms of progress toward each of the measurable goals described in the generic permit. Refer to the NOI for a list of the specific BMPs and Measurable Goals the Phase II MS4 committed to perform and track. Changes which will result in deviation from the NOI should be listed in Section III of this form. Include activities for all reporting periods (permit years) in this section. A summary of results is expected for the current reporting period but may be added to results from previous annual report periods. A summary of results is not expected for future reporting periods, but the anticipated BMPs, measurable goals and schedules for future reporting periods should be provided in this section.

Element ID/BMP #		A BMP Description	B Measurable Goal	C Schedule for Implementation /Completion	D Summary of Results
1a	01	Public Events The City has a formal agreement with Florida Yards and Neighborhoods to conduct environmental presentations for Public Education and Outreach. BMP's may change from year to year.	1. Number of events 2. Number of attendees 3. Number of handouts/brochures	ongoing	1. 24 2. 2,662 3. 2,163
1a	02	Your Florida Yard TV shows and local Radio broadcasts TV program produced in conjunction with MCTV featuring a variety of environmental and stormwater related airings	1. Number of TV Shows 2. Number of Attendees/Subscribers 3. Number of Radio shows 4. Number of potential Radio subscribers	ongoing	1. 1 2. 49 attendees plus televised to undetermined no. of people 3. 0 4. 0
1a	03	Radio Broadcasts – Moved to 1a-02 (1a-03 element ID to remain as a placeholder)			
1a	04	Distribution of Stormwater Calendars and Electronic Billboard viewings	1. Stormwater Calendars distributed 2. Electronic Billboards est. viewings/day (2 locations) Note: Stormwater Calendar is created and distributed every other year.	ongoing	1. 7,343 2. 3,330

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1a	05	<p>City NPDES Web Page</p> <p>Information about NPDES and UF/IFAS programs/brochures posted on the City web site. www.cityofstuart.com</p>	<p>1. Number of hits to webpage</p>	ongoing	<p>1. *0</p> <p>* IT upgraded to new website, analytics was not set up</p>
1a	06	Storm drain stenciling program	<p>1. Number of curb markers installed</p> <p>2. Number of curb markers reinstalled</p>	ongoing	<p>1. 515</p> <p>2. 135</p>
2a	01	<p>Publicly notice Stuart City Commission meetings when the NPDES stormwater program is discussed or passage of amendments to Code of Ordinance for NPDES compliance.</p> <p>Conduct annual public meetings about stormwater related information. These annual meetings must be Publicly Noticed but do not have to be held during Commission meetings.</p> <p>*Citizens are notified via Stuart News Paper, City Web Site, and agendas are available at City Hall</p>	<p>1. Number of NPDES Ordinance meetings</p> <p>2. Number of attendees</p> <p>3. Number of Public Meetings</p> <p>4. Number of attendees</p> <p>5. Media used</p> <p>6 Potential viewing audience</p>	ongoing	<p>1. 0</p> <p>2. 0</p> <p>3. 0</p> <p>4. 0</p> <p>5. City website and local newspaper</p> <p>6. 50,000</p> <p>-</p>
		Intentionally left blank			
2a	02	<p>City of Stuart Cleanup Days</p> <p>The City holds volunteer clean-up events throughout the year</p> <p>Element ID's change, see Section III</p>	<p>1. Number of events</p> <p>2. Number of volunteers</p> <p>3. Lbs/tons debris</p> <p>4. Media used</p> <p>5. Potential viewing audience</p>	ongoing	<p>1. 9</p> <p>2. est. 20</p> <p>3. 55 Tons</p> <p>4. Stuart News and city website</p> <p>http://www.cityofstuart.us/index.php/neighborhood-clean</p> <p>5. 50,000</p>

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2a	03	Household Hazardous Waste Collection Collection site located at City of Stuart Fire Station #1, 2 nd Wednesday of each month	1. Number of events 2. Lbs of HHW collected 3. Number of brochures distributed	ongoing	1. 11 2. 12,660 3. 0 physical brochures. Brochure posted on website: http://www.cityofstuart.us/index.php/hazmobile Reminder posted each month in stormwater calendar
2a	04	School Visits – UF/IFAS 4H FYN program allows students to work in a non-threatening outdoor environment where they can interact and learn about nature. Studies are finding that students who are allowed to learn in an outdoor environment such as a garden have improved environmental attitudes.	1. Number of events 2. Number of attendees	ongoing	1. 2 2. 52
3a	01	Maintain and update existing stormwater sewer map The City maintains and updates the storm sewer map as necessary. All data is in GIS.	1. Number of outfalls mapped 2. Number of outfalls mapped/updated within reporting period 3. Number of City owned retention areas 4. Number of City owned catch basins 5. Miles of City owned pipe systems	ongoing	1. 38 2. 2 (Colorado/MLK) 3. 41 4. 596 5. 10.6
3b	01	Code of Ordinances Chapter ,42 Article III Sec. 42-180 & 184 prohibits illicit discharges/illegal dumping to the MS4 and provides the City enforcement authority	Document any changes if applicable	ongoing	1. no changes
3c	01	Perform dry-weather outfall screening Done in conjunction with Baffle Box inspections (see 6a-01(8&9))	1. Number of field screening events 2. Number outfalls screened	ongoing	1. 12 2. 38
3c	02	Detect and eliminate illicit discharges City employees check assigned areas daily. Citizens may phone or email the Stormwater Hotline	1. Number of occurrences 2. Number eliminated 3. Number of enforcement actions 4. Number of proactive investigations	ongoing	1. 8 2. 8 3. 4 4. 456 (12x38) see 3c-01
3c	03	Document occurrences of illegal dumping and removal by the City. Sign-post common illegal dumping sites. Notify Code Enforcement as necessary City employees check assigned area daily. Code Enforcement has authority to issue violations.	1. Identify and post illegal dumping sites as encountered 2. Number of sites eliminated 3. Number of proactive inspections for identification of sites	ongoing	1. 0 2. 0 3. City employees inspect their assigned areas daily

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3d	01	Include one-line proper waste disposal/illegal discharge reminders in utility mailings (New residents notified in first utility mailing)	1. Total number of flyers distributed to general public	ongoing	1. est. 3,417
3d	02	Inform businesses about the hazards associated with illegal discharges and improper disposal of waste	1. Number of Flyers and Handouts 2. Number of presentations to Business Association	new	1. est. 1,683 2. 0
3d	03	Provide annual Illicit Discharge training to appropriate City Employees	1. Number of Flyers 2. Number of Employees trained	new	1. 250 2. 0
4a	01	Land Development Regulations, Chapter 42, Article III Sec. 42-182 & 184 requires constructions site operators to implement erosion and sediment controls and establishes penalties for violations	1. Update as necessary	ongoing	1. 0
4b	01	FDEP NOI's for CGP's greater than one acre received by the city	1. Number of NOI's received 2. Number of active sites	ongoing	1. 3 2. 0
4c	01	Code of Ordinance Article II, Sec. 34-42(a) prohibits improper disposal of construction debris	1. Number of active sites operating under waste control requirement	ongoing	1. 0
4d	01	Site plan reviews include consideration of potential water bodies, topography, soils, and estimates of potential water quality impacts.	1. Number of site plans approved for construction	ongoing	1. 3
4e	01	Erosion and sediment control program is posted on City web site and includes procedure for public comment. www.cityofstuart.com	1. Number of e-mails received 2. Number of phone calls to Stormwater Hotline 3. Number of follow up actions	ongoing	1. 0 2. 0 3. 0
4f	01	Inspect construction sites for sediment and erosion control compliance and enforce Ordinance 2048-05. All measurable goals are in progress	1. Number of site inspections 2. Number of violations 3. Number of enforcement actions	ongoing	1. 12 2. 0 3. 0
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6a	01	Document current stormwater inspections	1. Proactive catch basin hand cleanings 2. Number of proactive inspections	ongoing	1. 14,645 2. 30
			3. Number of catch basins vacuumed 4. Liner feet of pipe cleaned		3. 164 4. 14,344
			5. Number of baffle boxes cleaned 6. Cuyds Pounds of debris removed 7. Number of baffle box inspections		5. 20 6. 120,768 7. 12
			8. Number of outfalls inspected 9. Number of inspections		8. 38 9. 12
			10. Tons Pounds of sediment and debris removed from City systems		10. 200,648 Includes 79,880 Lbs removed from stormwater pond SR707/NW Palm St.
6a	02	Document licensing and certification requirements for chemical applicators under City contract	1. Number of certifications on file 2. Lawn chemicals use by the city	ongoing	1. 13 2. 31,485 Lbs granular fertilizer; 30 gals pesticides; 2,612 Lbs granular pesticides; 25 gals liquid fertilizer
6a	03	Street Sweeping	1. Curbed miles swept 2. Uncurbed miles swept 3. Parking lots swept 4. Tons of debris swept	ongoing	1. 1,200 2. 0 3. 264 4. 126
6a	04	Document soil testing requirements in landscaping contracts to prevent over fertilizing	1. Number of locations tested	ongoing	1. 8

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6a	05	Recycling Practices for Fleet Maintenance Service Garage	1. Gallons of used oil recycled 2. Number of oil filters recycled 3. Number of batteries recycled 4. Gallons of parts cleaner recycled 5. Gallons of antifreeze recycled	ongoing	1. 280/month 2. 750/yr 3. 6/month 4. 25/month 5. 30/yr Note: numbers are approximate. Records kept at service garage.
6a	06	Conduct annual site inspections for signs of pollution at the city fleet maintenance facility. Implement appropriate BMP's as necessary	1. Number of inspections 2. Number of follow-up actions	ongoing	1. 1 2. 0
6b	01	Continue stormwater system operator certification program	1. Number of Class A certifications 2. Number of Class B certifications 3. Number of Class C certifications	ongoing	1. 3 2. 3 3. 4
6b	02	Sediment and erosion control awareness training	1. Number of Staff trained	ongoing	1. 5
6b	03	Public Employee Green Industry BMP and Florida Friendly Landscape Management Training	1. Number of sessions 2. Number of attendees	ongoing	1. 7 2. 11
6b	04	Pollution Prevention, Illegal Discharge, Illegal Dumping awareness training and reporting	1. Number of employees trained 2. Number of employee reports	ongoing	1. 14 2. 8
		Intentionally left blank			
6b	05	FDEP Green Industry BMP certification for fertilizer/pesticide application to turf grass and landscape plants.	1. Number of events 2. Number of attendees 3. Number of handouts	ongoing	1. 0 2. 0 3. 0

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SECTION III. CHANGES TO STORMWATER MANAGEMENT PROGRAM

Assess the appropriateness of each BMP that has been implemented and provide a list of changes in the space below. Include proposed changes to BMPs, Measurable Goals, or Implementation Schedules, and justification for changes. Also report new BMPs that have been added to the Stormwater Management Program in this section. Add pages if more room is needed. Include the Element ID as it is listed on the submitted NOI. BMP Number should be indicated as listed on the NOI, unless a new BMP is being proposed. Include Element ID on all extra pages, include BMP number for all changes to BMPs previously listed on NOI.

Element	BMP Number (where applicable)	Proposed Change or New BMP Description and Justification
1a	03	Radio Broadcasts moved to 1a-02 per FDEP audit suggestion. 1a-03 ID to remain as a placeholder.
1a	04	Changed Description from "Distribution of brochures" to Distribution of Stormwater calendars and Electronic Billboard viewings." Florida Yards and Neighborhoods program distributes brochures and handouts for City of Stuart (see 1a-01).
1a	05	Adding UF/IFAS programs/brochures to City Stuart website per FDEP audit suggestion
1a	06	Green Industry BMP Certification moved to 6b-05 per FDEP audit suggestion
2a	01	Added: Conduct annual public meetings about stormwater related information. These annual meetings must be Publicly Noticed but do not have to be held during Commission meetings.
2a	02	Moved (Code of Ordinance Hearings) to 2a-01. Deleted 2a-02 row and changed 2a-03 to 02, 04 to 03, and 05 to 04.
3a	01	Added number of City owned retention areas, catch basins, and miles of pipe to Measurable Goals
3b	01	Code of Ordinance number changed this year, no requirements were altered
3d	01	Separated into 3 BMP's. General Public (3d-01), Businesses (3d-02), Employees (3d-03)
4a	01	Code of Ordinance number changed this year, no requirements were altered
4c	01	Code of Ordinance number changed this year, no requirements were altered
4d	01	Added Number of site plans approved "for construction"
6b	05	Storm Drain Stenciling moved to 1a-06 per FDEP audit suggestion

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SECTION IV. INDEPENDENT MONITORING AND RELIANCE ON ANOTHER ENTITY

A Please indicate whether the Phase II MS4 performed independent monitoring. If yes, please attach monitoring data collected during reporting period.

- The MS4 performed independent monitoring during the reporting period, (Attach monitoring results to this Annual Report form).
 The MS4 did **NOT** perform independent monitoring during the reporting period.

B Please indicate which elements of the Stormwater Management Plan the Phase II MS4 is relying on another entity to satisfy. Include New or revised BMP activities that met this criteria. NOTE: These elements should also be listed in Sections II or III of this form.

Element #	BMP #	Name of Responsible Entity
1a	01-03	Florida Yards and Neighborhoods
2a	04	Florida Yards and Neighborhoods
3a	01	City of Stuart, Public Works and Northstar Geomatics
4d	01	City of Stuart Public Works, Development Dept., and Captec Engineering
6a	03	Clean Sweep and Vac.
6a	04	Sunshine Land Design, Inc.
6b	01	FWPCOA stormwater management training
6b	02	FDEP sediment and erosion control inspector training
6b	03	Florida Yards and Neighborhoods
6b	04	City of Stuart Public Works and Florida Yards and Neighborhoods

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APPENDIX A

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SECTION V. CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section I.B. of the Annual Report form must sign the following certification statement:

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):	Samuel T. Amerson, PE
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Title:	Interim City Manager
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Signature:		Date:	8/17/17
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City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5331
Fax (772) 288-5381

Public Works Department

Sam Amerson, P.E., Interim City Manager
samerson@ci.stuart.fl.us

August 22, 2017

Phase II MS4 Coordinator/NPDES Stormwater Section
Florida Department of Environmental Protection
2600 Blair Stone Road
MS 3585
Tallahassee, FL 32399-2400

Re: City of Stuart, Phase II MS4 Permit FLR04E031
Cycle 3, Year 4 Annual Stormwater Report

The City of Stuart respectfully submits the cycle 3, year 4 Stormwater Annual Report.

The report reflects that the City of Stuart is committed to the reduction and prevention of stormwater pollution to protect and improve the health of our natural resources.

Please address comments concerning the annual report to:

Mr. Samuel T. Amerson, P.E.
121 S.W. Flagler Avenue
Stuart, FL 34994
(772) 288-5331
samerson@ci.stuart.fl.us

Sincerely,

William Griffin
City of Stuart Stormwater Team

Griffin, William

Subject: FW: City of Stuart NPDES Permit (Draft Report and NOI)

From: Griffin, William
Sent: Wednesday, August 16, 2017 11:20 AM
To: 'Richards, Candace'
Subject: RE: City of Stuart NPDES Permit (Draft Report and NOI)

Ok thank you.

Bill

From: Richards, Candace [<mailto:Candace.Richards@dep.state.fl.us>]
Sent: Wednesday, August 16, 2017 11:17 AM
To: Griffin, William
Subject: RE: City of Stuart NPDES Permit (Draft Report and NOI)

Please mail to the address below. Mail Station 3585.

Thank you,



Candace Richards

Phase II MS4 Coordinator | NPDES Stormwater Program
Florida Department of Environmental Protection
2600 Blair Stone Road | MS 3585 | Tallahassee, FL 32399-2400
Office: 850.245.7523 | Fax: 850-245-7524
www.dep.state.fl.us/water/stormwater/npdes

From: Griffin, William [<mailto:wgriffin@ci.stuart.fl.us>]
Sent: Wednesday, August 16, 2017 11:04 AM
To: Richards, Candace <Candace.Richards@dep.state.fl.us>
Subject: RE: City of Stuart NPDES Permit (Draft Report and NOI)

Hi Candace,

I would like to know how/where the Annual Report should be sent to DEP.

Do you want a signed PDF copy of the report emailed to you and should the original signed document be sent to the address:

NPDES Stormwater Section
FDEP
2600 Blair Stone Rd.
M.S. 2500
Tallahassee, FL 32399-2400

Please let me know how to send the signed report.