

Florida Department of Environmental Protection Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 Rick Scott Governor

Jennifer Carroll Lt. Governor

Herschel T. Vinyard Jr. Secretary

November 13, 2012

Sent via E-post

Russ Blackburn City Manager PO Box 490, MS #6 Gainesville, FL 32602-0490

Subject: Gainesville Phase II Municipal Separate Storm Sewer System (MS4)

NPDES Permit ID Number FLR04E006 (Cycle III)

**Notice of Renewed Permit Coverage** 

Dear Mr. Blackburn:

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) 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 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 March 1, 2013 and will expire on February 28, 2018. Your permit identification number remains the same.

This letter is not a permit. 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 and comply with all requirements of the Phase II MS4 Generic Permit. A copy of the permit is available online at <a href="http://www.dep.state.fl.us/water/stormwater/npdes/docs/Phase II MS4 GP.pdf">http://www.dep.state.fl.us/water/stormwater/npdes/docs/Phase II MS4 GP.pdf</a> or you may obtain a hard copy by contacting the NPDES Stormwater Section. Please review it carefully so that you may understand your obligations under the permit.

Please note that annual reports summarizing your SWMP implementation efforts are required only 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 March 1, 2014 through February 28, 2015 and is due by August 31, 2015.

City of Gainesville Phase II MS4, NPDES Permit ID Number FLR04E006 (Cycle 3) Notice of Renewed Permit Coverage November 13, 2012 Page 2

• The Year 4 Annual Report should cover the 12-month period from March 1, 2016 through February 28, 2017 and is due by August 31, 2017.

If you have any questions, please contact Heather Ritchie by phone at (850) 245-7523 or by email at <a href="mailto:heather.ritchie@dep.state.fl.us">heather.ritchie@dep.state.fl.us</a> or Kathleen Downey by phone at (850) 245-8667 or by e-mail at <a href="mailto:kathleen.downey@dep.state.fl.us">kathleen.downey@dep.state.fl.us</a>.

Sincerely,

Eric H. Livingston

Program Administrator NPDES Stormwater Section

Eric H Surangton

EHL/hr

Enc: Approved NOI

Cc: Sally Adkins, City of Gainesville



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. #2510 Florida Department of Environmental Protection 2600 Blair Stone Road Tallahassee, FL 32399-2400

SEC	TION I. PHASE II MS4 OPERATOR INFORMATION				
A,	Name of the Phase II MS4 Operator: City of Gainesville				
B.	Name of the Phase II MS4 Responsible Authority: Russ Blackburn				
	Title: City Manager				
	Mailing Address: PO Box 490, MS #6				
	City: Gainesville Zip Code: 32602-0490 County: Alachua				
	Telephone Number: (352) 334-5010				
C	Name of the Designated Phase II MS4 Stormwater Management Program Contact: Sally Adkins				
	Title: NPDES Program Coordinator				
	Department: Public Works				
	Mailing Address: PO Box 490, MS #58				
	City: Gainesville Zip Code: 32602-0490 County: Alachua				
	Telephone Number: (352)334-5070				
	E-mail Address: adkinss@cityofgalnesville.org				
D.	Location of the Phase II MS4 (if different than the mailing address in Section I.C. above):				
	Street Address: 405 NW 39 <sup>th</sup> Avenue				
	City:Gainesville Zip Code: 32602-0490 County: Alachua				
E.	Approximate center of the Phase II MS4: Latitude: 29 ° 40 ' 37 " Longitude: 82 ° 20 ' 28 "				
F.	Phase II MS4 ownership status (check one):				
G,	Total resident population of the Phase II MS4: 159,508				
Н.	Name of the urbanized area(s) the Phase II MS4 is located within (if applicable): Gainesville				
I.	Name of the Water Management District the Phase II MS4 is located within (check all that apply):  ☐ Northwest Florida Water Management District ☐ Southwest Florida Water Management District ☐ South Florida Water Management District ☐ South Florida Water Management District				

SEC	TION	II. SHARING RESPONS	IBILITY		
imple	ment o	ly on another entity to satisfy some one or more of the measures and/ (including annual reporting) but on	or a component	of a measure on your behalf	ions in Part IX of the MS4 GP are met. Another entity may You may rely on another entity to satisfy <u>all</u> permit. 624, F.A.C. Note the following:
•	You w	ill remain responsible for complian ment thereof on your behalf. You	ce with your per must establish	rmit obligations if the other er a written agreement with the	ntity(ies) falls to implement the control measure(s) or a other entity(ies) before submitting this NOI.
•	Relyin	g on another entity, or entities, eith	ner partially or fo	ally does not preclude you fro	m the obligation to fully complete this NOI, including the
A.	1.		under Chapte No	er 62-624, F.A.C., agreed	to implement <u>all</u> of your permit obligations on your
	_	If yes, complete Section II.A.:	2. If no, skip t	o Section II.B.	· water
	2.	Name of Entity:			man and the same of the same o
		Contact Name:			
		Title:			
		Department:	•		
		Mailing Address:	,		
		City:	127	Zip Code:	County:
		Telephone Number:			
		E-mail Address:			
В.	1.	Has another entity agreed to behalf? ⊠ Yes □ N		e or more of the minimum	control measures (or a component thereof) on your
		If yes, complete Sections II.B			
	2.	Control measure(s) or compo 3. IDDE; elements 3b, 3c; 4.		- CALL CONTRACTOR CONT	Decimal and the second of the
	3.	Name of Entity: Alachua Cou	nty		
		Contact Name: Agustin Olmo	s, P.E.		
		Title: Water Resources Mana	iger '		
		Department: Environmental F	Protection		
		Mailing Address:408 West Ur	niversity Aven	ue, Suite 106	
		City:Gainesville		Zip Code:32601	County:Alachua
	,	Telephone Number: (352)264	4-6806		
		E-mail Address:gus@alachua	acounty.us		
	Note inforr	: For each additional entity sharing mation requested in Sections II.B.2	stormwater ma 2. and II.B.3. Th	anagement program respons tie the sheet "Section II.B: Ad	ibilities with you, provide on a separate sheet the ditional Entities Information" and attach it to this NOI.
2.		trol measure(s) or component			by the other entity:
3.				and the second of the second o	ences Florida Friendly Landscapes (UF IFAS
	FFL)	)			
	Cont	tact Name: Wendy Wilbur			
	Title	: Environmental Horticulture A	gent	· · · · · · · · · · · · · · · · · · ·	
	Depa	artment: Alachua County Exter	nsion	*	
	Maili	ing Address:2800 NE 39 <sup>th</sup> Ave			
	City:	Gainesville	Zip	Code:32609	County:Alachua
	Tele	phone Number: (352)955-240	2 .	***** ********************************	
-	E-m	ail Address:wilbewl@ufl.edu		*	

2.	Control measure(s) or component of a control measure to be implemented by the other entity:  Components of elements of MCM 1, 3 as noted in SWMP below				
3.	Name of Entity: Current Problems, In	c. (CP)			
	Contact Name: Fritzi Olson				
	Title: Executive Director				
	Department: NA		152		
	Mailing Address :PO Box 357098				
	City:Gainesville	Zip Code:32635	County:Alachua		
	Telephone Number: (352)264-6827				
	E-mail Address:aar@currentproblems	s.org			

dentify the named receiving waterbodies to w	hich your Phase II MS4 discharges Include	all such waterbodies known to you at the	
me of this application:	THOU YOU I HASS II WOT GISCHAIGES. MOUCO	an addit waterboulds who the to you at all	
Turkey Creek, Hidden Lake, Hatchet	Hammocks Lake, Newnans Lake,	Alachua Sink, Calf Pond,	
Creek, Blues Creek, Fox Pond, Little	Prairie Creek, Moon Lake,	Calf Pond Creek, Perch Lake,	
Hatchet Creek, Gumroot Swamp,	Lake Forest Creek, Kingswood Pond,	Boulware Springs, Boulware	
Possum Creek, Hogtown Creek,	Sweetwater Branch, Hogtown Prairie,	Springs Branch, Paynes Prairie	
Terwilliger Pond, Clear Lake,	Sugarfoot Prairie, Bivens Arm,	1	
Kanapaha Lake, Lake Meta,	Tumblin Creek, Colclough Pond,	* .	

#### SECTION IV. MINIMUM CONTROL MEASURES 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: Minimum Control Measure # of Pages Public Education and Outreach as to Stomwater Impacts Public Involvement/Public Participation 2 Illicit Discharge Detection and Elimination 3 Construction Site Stormwater Runoff Control Post-construction Stormwater Management in New Development and Redevelopment 1 Pollution Prevention/Good Housekeeping for Municipal Operations 4

SECTION V.	MATERIALS	TO BE SUBMITTED WITH THIS NOI					
Only the followin	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):						
Attached	N/A	·					
		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.					
∞⊠	*	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.					
⊠		Additional entities information, as required under the note in Section II.B. of this NOI.					
(such a	s your comple	DO NOT SUBMIT ANY OTHER MATERIALS te Stormwater Management Plan, ordinances, storm sewer map, public outreach, etc.)					

SECTION VI. CERTIFICATION STATEMENT AND SIGN	IATURE
The Responsible Authority listed in Section I.B. of this NOI me	ust sign the following certification statement:1
with a system designed to assure that qualified personnel pro my inquiry of the person or persons who manage the system,	ments were prepared under my direction or supervision in accordance perly gathered and evaluated the information submitted. Based upon or those persons directly responsible for gathering the information, the ief, true, accurate and complete. I am aware that there are significant illity of fine and imprisonment for knowing violations.
Name of Phase II MS4 Responsible Authority (type or print):	Russ Blackburn
Title: City Manager	*
Signature: Lus Viollin	Date: 9 /13 / 12

<sup>&</sup>lt;sup>1</sup> 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 <u>each</u> 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., <u>except</u> 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 <u>all</u> 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.
- <u>Schedule for Implementation/Completion</u>: 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
And the same of th	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	<ul> <li>a) Comply with State and local public notice requirements when implementing a public involvement/public participation program.</li> </ul>
	3. Illicit Discharge Detection and Elimination Minimum Control Measure:
3a	<ul> <li>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.</li> </ul>
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.
3с	<ul> <li>c) Develop and implement a plan to detect and eliminate non-stormwater discharges, including illegal dumping, to the MS4.</li> </ul>
3d	<ul> <li>d) Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.</li> </ul>
	4. Construction Site Stormwater Runoff Control Minimum Control Measure:
<b>4</b> a	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	<ul> <li>b) Develop and implement requirements for construction site operators to implement appropriate erosio and sediment control best management practices.</li> </ul>
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	<ul> <li>d) Develop and implement procedures for site plan review that incorporate consideration of potential water quality impacts.</li> </ul>
· 4e	<ul> <li>e) Develop and implement procedures for receipt and consideration of Information submitted by the public.</li> </ul>
4f	f) Develop and implement procedures for site inspection and enforcement of control measures.
(4)	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 disturbing 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	<ul> <li>b) Develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for the community.</li> </ul>
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.

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

SECTION A.I. MINIMUM CONTROL MEAS	URE (check only one)	
1. Public Education and Outreach     2. Public Involvement/Participation	<ul> <li>☐ 3. Illicit Discharge Detection/Elimination</li> <li>☐ 4. Construction Site Stormwater Runoff Control</li> </ul>	<ul> <li>☐ 5. Post-construction Stormwater Management (optional)</li> <li>☐ 6. Pollution Prevention/Good Housekeeping</li> </ul>

Element	BMP	and the state of the Allert Al	В	C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
		Stormwater Best Management Practice Information Distribution. Stormwater brochures and pamphlets	Document and report the number of distribution points.	1. Year 1 - Year 5	City of Gainesville Public Works
	are distributed at various distribution points throughout the City such as governmental offices,	Document and report the number of educational materials distributed.	2. Year 1 - Year 5	(COGPW)	
1a	1	businesses and other public buildings.	3.	3.	
		*	4.	4.	
	,	Online Outreach. www.GainesvilleCreeks.org, and www.AlachuaCountyWater.org are maintained to	Document and report the number of Web page visitors.	1. Year 1 – Year 5	COGPW, Alachua County
0		engage the public and provide information on why and how to reduce stormwater pollution to protect	2.	2.	Environmental Protection Department (ACEPD)
1a	2	our water resources.	3.	3.	
		*	4.	4.	
		Utility Bill Inserts. Stormwater pollution prevention Information will be inserted into utility bill statements	Document and report the number of utility bill stormwater inserts distributed.	1. Year 1 – Year 5	COGPW
	× 1	and distributed to all City of Gainesville (COG) and select Alachua County (AC) residents within the	2.	2.	
1a	3	Gainesville Regional Utilities (GRU) service area.	3.	3.	×
			4.	4.	
		Public Events. Informational tables are set up at public events stocked with pamphlets and written materials. The tables are often staffed with volunteers or staff for more in depth discussions about the targeted messages. Messages include	Document and report the number of events attended.	1. Year 1 – Year 5	ACEPD, Current Problems (CP), University of Florida Institute of Food and
1a	4	stormwater, landscaping choices, and general water quality and/or quantity issues.	Document and report the number of attendees.	2. Year 1 – Year 5	Agricultural Sciences Florida
	· ·	41	3.	3.	Friendly Landscapes (UF
			4.	4.	IFAS FFL)

Page # 1 of 15 total pages of SWMP Elements Forms attached to the NOI

Element	ВМР		В	C C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
		Program. Maintain contract with UF IFAS to educate and help homeowners to decrease non-point source pollution originating in home landscapes.	Document and report number of participants for seminars, garden tours.	1. Year 1 - Year 5	COGPW, UF IFAS
	_		Document and report number of residential newsletters distributed.	2. Year 1 – Year 5	-
1a	5		3.	3.	
		New Homeowner Information Packet, New homeowner and newcomer packets describing	Document and report the number of packets distributed.	1. Year 1 – Year 5	COGPW, UF IFAS
		pollution prevention home and yard maintenance practices to are distributed to first time home buyers	2.	2.	# 2 E
1a	6	and/or new Gainesville Residents.	3.	3.	
	÷		4.	4.	
	-	Demonstration Landscape. Create a Demonstration Landscape at a Model Home Center highlighting FFL (including stormwater pollution prevention) practices and plant material. The site will be toured during the	Document and report the location of the Demonstration Garden.	1. Year 1 – Year 5	COGPW, UF IFAS
			Document and report number of tour attendees.	2. Year 1 – Year 5	
1a	7	NFLBA Parade of Homes. Color brochures highlighting the practices and plant material of the	3.	3.	
		demonstration landscape will be distributed during the Parade of Homes.  4.	4.	*	
		Hands on Elementary Classroom Outreach. Engage elementary level students in exploring solutions to non-point source pollution through classroom	Document and report the number of classrooms and students reached	1. Year 1 Year 5	COGPW, ACEPD
		instruction, field trips, and hands-on activities including the installation of rain barrels and the	Document the number of outdoor exhibits created.	2. Year 1 – Year 5	
1a	8	creation of rain gardens within school grounds to provide long-term teaching opportunities.	3.	3.	,
		4	4.	4.	
		Science Night. Work with one elementary school to conduct age appropriate classroom presentations	Document and report the number of attendees.	1. Year 1 – Year 5	COGPW, ACEPD
,		with a goal of reaching every child during the months leading up to Science Night. During Science	2.	2.	
10	9	Night the parents and children are invited to the school to enjoy dinner, educational games designed	3.	3.	
1a	9	to teach about preventing stormwater pollution and			•
		protecting water resources	4.	4.	

Page # 2 of 15 total pages of SWMP Elements Forms attached to the NOI

Element	ВМР		В	C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
	-	Targeted Homeowner Campaigns. Social Marketing media campaigns have been created by the City and	Implement at least one targeted     homeowner campaign each permit year.	1. Year 1 - Year 5	COGPW, ACEPD
		County targeting homeowner behaviors that contribute to stormwater pollution, and more	Report approximate number of households reached by campaign.	2. Year 1 - Year 5	
1a	10	specifically to TMDL pollutants of concern. Such targets include dog waste and landscaping	3.	3.	
		behaviors. These campaigns will run during the permit period.	4.	4.	

Page # 3 of 15 total pages of SWMP Elements Forms attached to the NOI

SECTION A.I. MINIMUM CONTROL MEASU	JRE (check only one)	
☐ 1. Public Education and Outreach ☐ 2. Public Involvement/Participation	<ul> <li>☐ 3. Illicit Discharge Detection/Elimination</li> <li>☐ 4. Construction Site Stormwater Runoff Control</li> </ul>	<ul> <li>☐ 5. Post-construction Stormwater Management (optional)</li> <li>☐ 6. Pollution Prevention/Good Housekeeping</li> </ul>

Element	BMP	A	<b>B</b>	Ċ	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
			Document and report the number of stormwater-related public meetings held.	1. Year 1 – Year 5	COGPW, Alachua County Public
		programs to provide citizens with opportunities to participate in and comment on stormwater related	Document and report the number of meeting attendees where applicable.	2. Year 1 – Year 5	Works Department (ACPW), ACEPD
2a	1	issues and projects.	3.	3.	
			4.	4.	
		Stormdrain Marking. Local volunteer groups are provided with stormwater marker materials and	Document and report number of markers installed.	1. Year 1 – Year 5	COGPW
		instructions. Drains are marked with decals. Volunteers mark both new drains and replace old,	Document and report the number of volunteers.	2. Year 1 – Year 5	
2a	2		worn markers. 3. 3.	3.	
			4.	4.	
		Waterway Cleanups. Involve residential property owners, neighborhood groups or other civic groups in a waterway cleanup program.	Document and report the number of waterway cleanup events.	1. Year 1 – Year 5	COGPW, CP
			Document and report the amount of litter collected.	2. Year 1 - Year 5	2.
2a	3	·	Document and report the number of volunteers.	3. Year 1 – Year 5	
			4.	4.	
		Healthy Shorelines. Encourage and assist property owners to better protect water quality and wildlife	Document and report the number of citizens assisted.	1. Year 1 – Year 5	COGPW, CP
		habitat on lakes and ponds, rivers and creek, springs and sinks, canals and drainage ditches, marshes	Maintain record of the number of program related flyers distributed.	2. Year 1 – Year 5	
2a	4	and swamps through making changes in habits of shoreline landscaping and lifestyle.	3.	3.	
		,	4.	4.	

Page # 4 of 15 total pages of SWMP Elements Forms attached to the NOI

Element	ВМР	A	I The state of the	C	<b>D</b>
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
	Clean Up Events. Volunteer clean-up events and programs address litter at open spaces and along	Document and report the number of volunteers.	1. Year 1 – Year 5	COGPW, ACPW	
		roadways.	Document and report the amount of litter collected.	2. Year 1 – Year 5	¥.
2a	5		3.	3.	
		*	4.	4.	

Page # 5 of 15 total pages of SWMP Elements Forms attached to the NOI

SECTION A.I. MINIMUM CONTROL MEASU	JRE (check only one)	
1. Public Education and Outreach     2. Public Involvement/Participation	<ul> <li>         ⊠ 3. Illicit Discharge Detection/Elimination     </li> <li>         ↓ 4. Construction Site Stormwater Runoff Control     </li> </ul>	<ul> <li>☐ 5. Post-construction Stormwater Management (optional)</li> <li>☐ 6. Pollution Prevention/Good Housekeeping</li> </ul>

Element	ВМР	A A	В	C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
		Storm Drainage System Map. A map of the Gainesville Urban Area City and County drainage	Document and report the number of outfalls mapped.	1. Year 1 – Year 5	COGPW
		system is mapped on a GIS. It includes delineation of watersheds, natural waterways, ditches, pipes,	Document and report the number of watersheds mapped.	2. Year 1 – Year 5	v
*		culverts and MS4 outfalls. This map is updated and modified as needed.	Document and report the number of retention/detention ponds.	3. Year 1 - Year 5	
3а	1		Document and report the number of inlets/catch basins.	4. Year 1 – Year 5	
			5. Document and report the amount of pipe/conveyance.	5. Year 1 – Year 5	
		Illicit Discharge Map. A geographic database is maintained to keep track of illicit discharges	Document and report illicit connections mapped.	1. Year 1 – Year 5	COGPW, ACEPD
		including, but not limited to, facility inspections, complaint investigations and emergency response (spills) incidents.	Document and report removed illicit connections mapped.	2. Year 1 – Year 5	*
3a	2		3.	3.	<u>*</u>
			4.	4.	
		Illicit Discharge Ordinance. The Alachua County Water Quality Ordinance (WQO) effectively defines	Document and report the number of proactive inspections	1. Year 1 – Year 5	COGPW, ACEPD
		and prohibits non-stormwater discharges into the MS4 and provides the County enforcement authority	Document and report the number of illicit discharges identified.	2. Year 1 – Year 5	*
3b	1	throughout the Gainesville Urban Area.	Document and report the number of illicit discharges eliminated.	3. Year 1 – Year 5	,
			4.	4.	
		Illicit Discharge Detection and Elimination Hazardous Material Facility Inspection Program. The County	Document and report the number of proactive inspections	1. Year 1 – Year 5	COGPW, ACEPD
		performs proactive inspections at all Hazardous Materials regulated facilities to specifically identify	Document and report the number of illicit discharges identified	2. Year 1 – Year 5	.85
3с	1	illicit discharges including illegal dumping. All illicit discharges are investigated and eliminated if	Document and report the number of illicit discharges eliminated.	3. Year 1 - Year 5	
* 9 *		possible.	4.	4.	

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Element	BMP	The state of the s	B	C	作。(2)。D*/
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
	. <b></b>	Illicit Discharge Detection and Elimination MS4 Component Inspection Program. Public Works Operations employees are trained on an annual basis to recognize and how to report illicit discharges to the MS4. In their annual maintenance schedule,	Document and report the number of inspections.	1. Year 1 - Year 5	COGPW, ACPW, ACEPD
3c	2	they inspect MS4 components for any illicit connections or discharges and report them when	Report the number of investigations completed.	2. Year 1 - Year 5	27
		found. A written SOP will be developed for this IDDE element.	Report the number of illicit connections removed.	3. Year 1 - Year 5	
		-	4.	4.	
		Citizen Complaint Investigation Program. Citizen complaints concerning non-storm water discharge MS4 prohibitions are investigated. All violations	Report the number of complaints received.	1. Year 1 – Year 5	COGPW, ACEPD
		identified during complaint investigations will be enforced using the provisions of the Water Quality	Report the number of investigations completed.	2. Year 1 – Year 5	7.6
3с	3	Code and the Hazardous Materials Management Code.	Report the number of illicit connections removed.	3. Year 1 – Year 5	
			4.	4.	
	300	Illicit Discharge Investigative Studies. Priority areas likely to have illicit discharges are investigated. Procedures for tracing and removing the sources of these discharges are assessed. Studies may include outfall reconnaissance investigations, "Hot Spot" fecal coliform monitoring, sampling stormwater pond	Work on one investigative study each permit year. Report which component was studied each year.	1. Year 1 – Year 5	COGPW, ACEPD
3c	4	water, sediment and outfalls, hydrodynamic	2.	2.	
	3	separator evaluation, stormwater quality assessments, and street sweepings assessment.	3.	3.	
		· · · · · · · · · · · · · · · · · · ·	4.	4.	
		Illicit Discharge Detection and Elimination Education Program – Public. The City's NPDES and the County's Environmental Protection web pages have	Document and report the number of Web page visitors.	1. Year 1 – Year 5	COGPW, ACEPD
\$		sections dedicated to hazards associated with illicit discharge and improper disposal of waste	2.	2.	
3d	1	Information. The Web pages also have downloadable illicit discharge detection and	3.	3.	*
		elimination pamphlets.	4.	4.	

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Element ID	BMP Number	A  Description of BMP	B Measurable Goal(s)	C Schedule for	Responsible	
3d	proper waste disposal and the hazards associated with illicit discharge.	Program – Employees. The City and County provide illicit discharge detection and elimination information to applicable new employees in departmental orientation. Existing employees who work around chemicals, in areas where illicit discharges may occur, or are field personnel attend illicit discharge detection and elimination training which contains information on how to identify an illicit discharge,	Document and report the number of employees trained.  2.	1. Year 1 – Year 5	COGPW, COG General Services, Department of Parks and Recreation, Gainesville Regional Utilities; ACPW	
		3.	3.			
		Illicit Discharge Detection and Elimination Education Program – Businesses. The City distributes illicit discharge related educational materials (brochures, pamphlets, etc.) where City business taxes are collected. The County distributes business specific	Document and report the number of BMP pamphlets distributed.     Document and report the number of BMP information packets mailed to local businesses.	1. Year 1 – Year 5 2. Year 1 – Year 5	COGPW, ACEPD	
3d	. 3	Best Management Practice information to local applicable businesses.	3. 4.	3. 4.	*	
35 J. S.		Landscape Professional Best Management Practices Training. Training certifying landscapers in Florida Friendly Landscaping ™ principles and Best Management Practices as defined in the Green Industries BMP Handbook is offered. Training	Document and report the number of trainings conducted.     Document and report the number of landscaping professionals certified.	1. Year 1 – Year 5 2. Year 1 – Year 5	COGPW, UF IFAS FFL	
3d	4	includes guidelines to minimize fertilizers, water, pesticide use, and adverse environmental effects on stormwater.	3.	3.		
		stormwater.	4.	4.		

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SECTION A.I. MINIMUM CONTROL ME.	ASURE (check only one)	
1. Public Education and Outreach     2. Public Involvement/Participation	<ul> <li>☐ 3. Illicit Discharge Detection/Elimination</li> <li>☑ 4. Construction Site Stormwater Runoff Control</li> </ul>	<ul> <li>☐ 5. Post-construction Stormwater Management (optional)</li> <li>☐ 6. Pollution Prevention/Good Housekeeping</li> </ul>

Element ID	BMP Number	A  Description of BMP	B Measurable Goal(s)	C Schedule for	D Responsible
		Description of bure	measurable Goar(s)	Implementation/Completion	Entity/Departmen
		Erosion and Sedimentation Control Requirements. The Alachua County Water Quality Ordinance (WQO) requires erosion and sedimentation controls on construction sites and includes sanctions to ensure compliance. The ordinance outlines minimum erosion and sediment controls and construction site waste controls. The	Document and report any changes to ordinances.	1. Year 1 – Year 5	COGPW, ACEPD
4a	1	City of Gainesville's Land Development Code (LDC) 30-270(b) addresses additional storm water	2.	2.	
		requirements and 30-311 addresses violations, enhancements and penalty provisions.	3	3.	
		emandements and penanty provisions.	4.	4.	
	× ,	Erosion and Sedimentation Control on Construction Sites. The County requires all construction sites in Alachua County (including Gainesville) to implement effective erosion and sedimentation controls per the Alachua County Water Quality Ordinance. The City	Document and report the number of active construction sites operating under the erosion and sedimentation control requirements outlined in 4a-01.	1. Year 1 – Year 5	COGPW, ACPW
4b .	1	of Gainesville's Land Development Code (LDC) 30- 270(b) addresses additional storm water	2.	2.	
40.,		requirements and 30-311 addresses violations, enhancements and penalty provisions.	3.	3.	
			4.	4.	
		Waste Control on Construction Sites. The County requires all construction sites in the County to implement effective waste controls per the Water	Document and report the number of site plans reviewed.     Document and report the number of site	1. Year 1 – Year 5	COGPW, ACPW
4c	1	Quality Ordinance. ERP permit coverage will not be verified for this BMP due to the City's requirements meeting or exceeding ERP requirements. Will notify applicants of potential need for CGP.	plans approved.  3. Document and report the number of applicants notified of the potential need for a CGP.	2. Year 1 - Year 5 3. Year 1 - Year 5	*
		applicants of potential need to Oot .	4.	4.	

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lement	BMP	<b>A</b>	B	C	D	
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department	
<del></del>		Site Plan Review. The City reviews all construction site plans for erosion and sedimentation controls and	Document and report the number of site plans reviewed.	1. Year 1 – Year 5	COGPW	
		construction site waste control. The City uses a checklist to establish the procedure for, and documentation of site plan reviews. Environmental	<ol><li>Document and report the number of site plans approved.</li></ol>	2. Year 1 – Year 5		
4d .	1	Resource permit (ERP) coverage will not be verified for this BMP due to the City's development review requirements meeting or exceeding ERP	Document and report the number of applicants notified of the potential need for a CGP.	3. Year 1 – Year 5	8	
	requirements. Will notify applicants of potential need for Construction General Permits (CGP).		4.	4.		
_		Public Stormwater Hotline. A hotline number, which is the main number to the County's Environmental	Document and report the number of hotline comments received.	1. Year 1 – Year 5	COGPW, ACEPD	
_		and consider information submitted by the public concerning construction-related stormwater issues. The hotline is advertised on the City's NPDES and the County's Environmental Protection Web pages.	<ol><li>Document and report the number of Web page (where the hotline is advertised) visitors.</li></ol>	2. Year 1 – Year 5		
4e	1		3.	3.		
			4.	4.		
		Construction Site Inspection Program. City and County Staff (certified Erosion and Sedimentation	4. Designment and report the autoritor of		COGPW, ACPW	
		Control inspectors) inspect all construction projects	<ol> <li>Document and report the number of construction site inspections.</li> </ol>	1. Year 1 – Year 5		
		and enforce applicable ordinances (as listed in 4a1). ERP permit coverage will not be tracked in this	Document and report the number of enforcement actions.	2. Year 1 - Year 5		
4f	1	element due to the City's requirements meeting or exceeding ERP requirements. Will verify that CGP	Document and report the number of follow-up actions.	3. Year 1 - Year 5		
140		has been obtained. A written SOP for construction site inspections will be developed.	<ol> <li>Document and report the number of sites with active CGPs</li> </ol>	4.	*	
		Florida Stormwater Erosion and Sedimentation	Document and report the number training sessions.	1. Year 1 - Year 5	COGPW, ACEPD	
		Control Inspector's Course. The County offers training to governmental and private business employees who are associated with the construction	Document and report the number of attendees certified.	2. Year 1 Year 5		
4f	2	industry.	3.	3.	*	
			4	4.		

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SECTION A.I. MINIMUM CONTROL MI	ASURE (check only one)	
1. Public Education and Outreach     2. Public Involvement/Participation	<ul> <li>☐ 3. Illicit Discharge Detection/Elimination</li> <li>☐ 4. Construction Site Stormwater Runoff Control</li> </ul>	<ul> <li>         ∑ 5. Post-construction Stormwater Management (optional)     </li> <li>         ☐ 6. Pollution Prevention/Good Housekeeping     </li> </ul>

Element BMP			Company of Branch Company of the Com	<b>C</b>	D.
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
		THIS ELEMENT IS EXEMPT - NA	1. NA	1. NA	NA
			2.	2.	
NA	NA	∞	3.	3.	
		HC.	4.	4.	

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SECTION A.I. MINIMUM CONTROL MEASURE (check only one)							
1. Public Education and Outreach     2. Public Involvement/Participation	<ul> <li>3. Illicit Discharge Detection/Elimination</li> <li>4. Construction Site Stomwater Runoff Control</li> </ul>	<ul><li>☐ 5. Post-construction Stormwater Management (optional)</li><li>☑ 6. Pollution Prevention/Good Housekeeping</li></ul>					

Element	ВМР	A	В	C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
	*	and parking lots. Debris from street sweeping, storm sewer pipe, ditch, inlet/catch basin and stormwater pond maintenance is delivered to a lined landfill.  Nutrient removal from the MS4 associated with these BMPs will be tracked on an annual basis per	Document and report the miles of street swept.	1. Year 1 – Year 5	COGPW
			Document and report the amount of debris delivered to lined landfill.	2. Year 1 - Year 5	
6a 1	1		<ol><li>Document and report the number of miles of litter pickup.</li></ol>	3. Year 1 – Year 5	
			Document the nutrients removed per watershed per permit year.	4. Year 1 – Year 5	
		Storm Sewer Pipe Maintenance. The City's storm sewers are cleaned using the City's vacuum truck, jet trailer and flush lines on a regular basis.	Document and report the linear feet of storm sewer pipe cleaned.	1. Year 1 Year 5	COGPW
			2.	2.	*
6a 2		3.	3.		
			4.	4.	
**********		Ditch Maintenance. Integrated management open water course maintenance.	Document and report the miles of ditches maintained.	1. Year 1 – Year 5	COGPW
		water estates marker arress.	2.	2.	<b>3</b> .
6a	3		3.	3.	
	*	•	4.	4.	
		Inlet and Catch Basin Maintenance. The City's inlets and catch basins are maintained on a regular basis	Document and report the number of inlets and catch basins maintained.	1. Year 1 – Year 5	COGPW
	and kept free and clear of debris.	Document and report the number of sediment traps maintained.	2. Year 1 – Year 5		
6a	4		3.	3.	
			4.	4.	

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Element	BMP	<b>A</b>	B	C	D
ID	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	Responsible Entity/Department
-		Stormwater Pond Maintenance. Stormwater ponds inspected regularly and are cleaned out when failure takes place or when inlet/outlet pipes are blocked.	Document and report the number of stormwater pond drainage inspections.	1. Year 1 - Year 5	COGPW
*			Document and report the acreage of stormwater pond maintenance.	2. Year 1 – Year 5	
6a	5		3.	3.	
		*	4.	4.	
		Municipal Service Center (MSC). Maintain a Service Center to house Public Works Operations, Building	Establishment of Municipal Service     Center.	1. Year 1 – Year 5	COGPW
		and Fleet Management, Parks and Recreation and Nature Operations staff and equipment. The Center	2.	2.	
6a	6	includes because organism out and other meterials used	3.	3.	
2			4.	4.	
		MSC Materials Management. Site is routinely inspected for problems. Inspection reports are	Document and report the number of exception/problem reports.	1. Year 1 – Year 5	COGPW
		limited to exceptions/problems. Inspections of the MSC will be conducted at least once per year.	2.	2.	
6a	7		3.	3.	
			4.	4.	
		MSC Small Engine Maintenance. Designated small engine shop where tools such as chainsaws and brush cutters are degreased and maintained; all the	Document and report the number of small engines maintenance was performed on during the year.	1. Year 1 – Year 5	COGPW
		solvents and oils are contained and recycled or	2.	2.	
6a	8	disposed of properly by SafetyClean and recycled oil handler.	3.	3.	
		*	4.	4.	

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Element ID	ВМР	À	В	C	D Responsible Entity/Department
	Number	Description of BMP	Measurable Goal(s)	Schedule for Implementation/Completion	
	-	MSC Vehicle Concrete Rinse Station. Concrete wash is self-contained and has its own system that drains into the sanitary sewer. Sediment is cleaned out and sent to a lined landfill.	Document and report the amount of sediment/debris removed from concrete rinse.	1. Year 1 – Year 5	COGPW
			2.	2.	
6a	6a 9		3.	3.	
			4.	4.	
		a linea landilli. Water is from thise is disposed of by	Document and report the amount of sediment removed from large vehicle rinse.	1. Year 1 – Year 5	COGPW, COG General Services
			2.	2.	
6a	10		3.	3.	
	land application.	4.	4.	*	
		MSC Spill Response and Prevention. Recycling, reclaiming, reusing process materials, overflow controls, diversion berms, preventative maintenance on equipment, smart material transfer/filling procedures, use of alternative products where applicable, inspections, spill kits on site (for small responses), personnel trained in spill response.			COGPW, ACEPD
			Document and report number of spills.	1. Year 1 – Year 5	
6a 11			2.	2.	
	11		3.	3.	
	Canthorno partitudo 6.1 turo		4.	4.	
		Integrated Pest Management. The City's Mosquito Control program utilizes Integrated Pest Management (IPM) to minimize detrimental environmental impacts of mosquito control. Gambusia mosquito-fish is used to control mosquito larvae in city ponds and waterbodies.	Document and report number of ponds where Gambusia (IPM) are introduced/restocked.	1. Year 1 – Year 5	COGPW
6a .	13		2.	2. Year 1 – Year 5	
			3.	3. Year 1 – Year 5	
			4.	4,	

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Element ID	BMP Number		B' Measurable Goal(s)	C Schedule for Implementation/Completion	D Responsible Entity/Department
	a 14	Document and report the amount (in gallons) of used oil recycled.	2. Year 1 – Year 5		
6a		Document and report the amount (in gallons) of antifreeze recycled.	3. Year 1 – Year 5		
		4.	4.		
		Pet Waste Collection. The City and County have pet waste collection points at many of the open spaces and parks in the Urban Area. The debns is collected and properly disposed of.	Document and report the number of pet waste collection points.	1. Year 1 Year 5	COG Department of Parks and Recreation
			2. Document and report the number of pet waste bags distributed from these stations.	2. Year 1 – Year 5	
6a	15		3.	3.	
			4.	4.	
		Training for Municipal Employees. Field employees in the General Services, Public Works, Parks and Recreation and Gainesville Regional Utilities will be trained in municipal stormwater pollution prevention/municipal best management practices.	Document and report the number of City personnel trained in stormwater pollution	4 V4 V5	COG General Services, Public Works,
6b 1			prevention each year.	1. Year 1 – Year 5	Department of Parks and Recreation, Gainesville
	1 .		2.	2.	
			3.	3.	
		-	4.	4.	Regional Utilities

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