

NPDES ANNUAL REPORT
Phase II MS4 Permit ID # FLR04E007

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: EGLIN AFB, 96 Civil Engineer		
B.	Name of the Phase II MS4 Responsible Authority: Michael C. Applegate, YF-02		
	Title: 96 CEG/CEV (Chief, Environmental Management Division)		
	Mailing Address: 501 DeLeon Street, Suite 101		
	City: Eglin, AFB	Zip Code: 32542	County: Okaloosa
	Telephone Number: (850) 882-4437		
C.	Name of the Designated Phase II MS4 Stormwater Management Program Contact: Russell Brown		
	Title: Water Quality Manager		
	Department: 96 CEG/CEVCE (Environmental Engineering Section)		
	Mailing Address: 700 Range Road		
	City: Eglin AFB	Zip Code: 32542	County: Okaloosa
	Telephone Number: (850) 882-7660		
	E-mail Address: russell.brown@eglin.af.mil		
D.	Location of the Phase II MS4 (if different than the mailing address in Section I.C. above): same as above		
	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. Charges 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 #	B		C	
	A	B		Summary of Results
	BMP Description	Measurable Goal	Schedule for Implementation/Completion	
1A	01	Number of news articles containing water quality educational material.	Permit Years 1 - 5	Year 4 - 2 stormwater related publications in the Base newspaper; Dec 2006 and Apr 2007.
	02	Quantity of permanent stormwater decals applied to inlets throughout family housing and main base areas.	Permit Years 4 - 5	Year 4 - Applied 210 decals to stormwater inlets during Earth Day Celebration 2007.
	03	Number of times the base stormwater website with educational materials was updated.	Permit Years 2 - 5	Year 4 - No updates to Eglin AFB stormwater website were required this permit year.
	04	Number of times the environmental awareness video has been broadcasted on base.	Permit Years 2 - 5	Year 4 - Environmental awareness video broadcast 286 times on the base public access channel.

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Element ID/BMP #	B		C	
	A	B		C
	BMP Description	Measurable Goal	Schedule for Implementation	Summary of Results
2A 01	Solicit input from base community and publicize the storm water program at events including Earth Day, Open House and other base events, as appropriate. Evaluate and implement additional methods of public participation and involvement in the storm water program.	Number of public involvement opportunities.	Permit Years 2 - 5	Year 4 – 1. Water quality awareness provided to 195 fifth grade students during annual Marsville Project sponsored by Eglin AFB. 2. Earth Day – 15 base personnel volunteered to install storm drain labels. 3. Water Quality: job shadowed by 1 high school student 4. Base participation in Ocean Conservancy Marine Debris Study 5. Base participation in Florida Adopt-a-Highway program
2A 02	Maintain Base stormwater hotline.	Number of calls on stormwater hotline	Permit Years 2 - 5	Year 4 – 1 hotline call was received relating to stormwater quality.
2A 03	Coordinate and participate with local, state, and national groups, as appropriate, in efforts to reduce impacts of storm water on water quality.	Acres of land rehabilitated to improve native vegetation and reduce erosion.	Permit Years 2 - 5	Year 4 – 18 acres of land were rehabilitated to reduce erosion.
		Number of volunteers who participated in the rehabilitation.		Year 4 – 194 volunteers participated.

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Element ID/BMP #	B		C
	A	B	
	BMP Description	Measurable Goal	Summary of Results
3A 01	Maintain base storm sewer system maps in GIS.	Identify stormwater outfalls on base GIS maps. Annually review map and update as necessary. Include all permanent structural BMPs.	Years 1-4 Existing structural BMPs have been documented in the Eglin AFB GIS system.
3B 01	Implement Base stormwater policy	Distribute and implement Base stormwater policy and update as required	Year 4 – Stormwater policy posted on Stormwater home page and is enforced by group commander.
3C	01	Perform infiltration and inflow (I&I) analysis on wastewater collection and transmission system.	Year 4 – Project to eliminate inflow at Building 455 completed. No new I&I analyses were required.
	02	Conduct cross connection surveys as required.	Year 4 – Completed cross connection elimination project in Building 1. No new studies necessary.

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Element ID/BMP #	A		B		C
	BMP Description	Measurable Goal	Schedule for Implementation/Completion	Summary of Results	
03	Inspect oil water separators (OWS).	Annual update and number of inspection to OWS inventory.	Permit Years 1 - 5	Year 4 - 193 OWS inspections completed. NOTE: 22 units to be removed during permit year 5.	
	Inspect for dry weather flows including illicit discharges.	Number of inspections performed and corrective actions taken.	Permit Years 1 - 5	Year 4 - 22 dry weather flow inspections were conducted. 82% corrective actions completed.	
	Maintain and implement SPCC plan.	Perform annual reviews and update plan as necessary.	Permit Years 1 - 5	Year 4 - Completed SPCC Plan review. Plan is being updated.	
01	Conduct Spill Prevention, Control and Countermeasure Plan (SPCC) training.	Number of staff trained in SPCC Plan requirements.	Permit Years 1 - 5	Year 4 - Trained 67 employees in SPCC topics - (28 face to face, 39 web based)	
02	Train Eglin personnel the hazards associated with illegal discharges and improper disposal of waste.	Number of staff members trained.	Permit Years 1 - 5	Year 4 - 961 staff members trained in proper hazardous waste management and pollution prevention.	
		Update/Revise Eglin Environmental Plans Biennially.			Year 4 - Eglin AFB Hazardous Material Management Instruction was published February 2007.

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Element ID/BMP #	B		C
	A	B	
	BMP Description	Measurable Goal	Schedule for Implementation/Completion
4A 01	Enforce Air Force instructions, policies, and Engineering Technical Letter (ETL) 03-1. Ensure contractual language specifying BMP is included in construction projects.	Number of construction sites operating under AF water quality policies.	Permit Years 1 - 5
4B 01	Obtain necessary stormwater permits for applicable construction projects.	Number of stormwater construction permits in place on Eglin AFB. Fully utilize existing military chain of command to enforce.	Permit Years 1 - 5
4C 01	Ensure construction site operators are required to control solid and liquid wastes that may cause adverse impacts to water quality.	Number of construction projects reviewed to ensure compliance with Base environmental policies.	Permit Years 4-5
4D 01	Review plans and designs for all construction projects to ensure Eglin AFB stormwater policies are implemented.	Number of construction projects reviewed for potential storm water impacts through the existing 813 and design analysis processes.	Permit Years 1 - 5
			Year 4 – 10 projects operated under Eglin AFB stormwater program (all 10 projects were over 1 acre).
			Year 4 – 15 stormwater construction permits were obtained for the 10 construction projects (including FAC 62-25). Commander enforcement actions not required.
			33 projects reviewed
			Year 4 – Reviewed 971 Eglin AFB proposed actions for potential storm water impacts (Air Force Form 813). Performed stormwater reviews on 33 construction project designs.

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	BMP Description	Measurable Goal	Schedule for Implementation/Completion	Summary of Results	
4E	01	Solicit input from Base population via stormwater hotline, web page, news articles, and brochures.	Number of stormwater related inputs from the public (email, phone, drop-ins, critique forms, etc).	Permit Years 3 - 5	Year 4 - A total of 4 phone calls, emails, and drop-ins were received from on and off base public sources relating to stormwater pollution.
4F	01	Ensure compliance with Air Force policies and FDEP storm water construction permit requirements.	Number of Eglin AFB personnel trained.	Permit Years 1 - 5	Year 4 - 27 personnel received formal stormwater construction site inspector training (2 day course).
	02		Number of inspections performed in addition to those required by construction permits.		Year 4 - 19 construction site inspections performed.

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Element ID/BMP #	B			Summary of Results
	A BMP Description	Measurable Goal	Schedule for Implementation/Completion	
5A 01	As per Part X of the Generic Permit, a qualified local program satisfies this minimum control measure. Eglin AFB is located in the Northwest Florida Water Management District and operates under Rule 62-25, F.A.C., Regulation of Stormwater Discharge.	N/A	N/A	N/A

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	BMP Description	Measurable Goal	Schedule for Implementation/Completion	Summary of Results
01	Continue efforts of the Pollution Prevention Program to reduce the production of waste material and toxic pollutants throughout Base.	Document formal pollution prevention program opportunity assessments.	Permit Years 1 - 5	Year 4 – The Eglin AFB Pollution Prevention Program began one process specific opportunity assessment on miscellaneous chemical usage during permit year 4 and finished in permit year 5.
02	Operate used oil recycling center.	Gallons of used oil recycled.	Permit Years 1 - 5	Year 4 – 59,768 gallons of used oil were recycled.
03	Inspect storm water system and conduct maintenance as necessary.	Miles of street sweeping performed on paved roads, parking lots and runways on Eglin AFB, including Military Family Housing.	Permit Years 1 - 5	Year 4 – 18,165 miles using 5 separate sweepers.
04	Inspect trash dumpsters to ensure they are covered and in good condition.	Number of trash dumpster inspections	Permit Years 1 - 5	Year 4 – 173 Dumpster inspections completed.
05	Conduct annual Environmental Compliance Assessment Management Program (ECAMP) and Environmental Management System (EMS) audits.	Ensure annual ECAMP and EMS assessments are conducted. Report percent corrective actions completed.	Permit Years 1 - 5	Year 4 – ECAMP and EMS assessments were completed June 2007. 47% corrective actions have been completed as of Sep 2007.

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	A	B	B	
BMP Description		Measurable Goal	Schedule for Implementation/Completion	Summary of Results
6B 01	Perform multi-media training, as well as, specific storm water training for UEC, Hazardous Accumulation Point managers, groundskeepers, design engineers, and others as appropriate.	Number of personnel trained in stormwater as well as in fundamental pollution prevention concepts.	Permit Years 1 - 5	Year 4 – 1085 personnel trained via base television broadcasts, web-based training, and classroom.

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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 ID	BMP Number (where applicable)	Proposed Change or New BMP Description and Justification
1A	01 - 04	Measurable Goals re-phrased to reflect FDEP guidance to "...describe the units by which performance of the BMP will be expressed."
1A	02	Created new outreach and awareness measurable goal - quantity of permanent decals to applied to stormwater inlets. Eliminated measurable goal to distribute brochures (determined to be not as effective as originally thought).
2A	03 - 04	Separated into two separate measurable goals for clarity.
3B	01	Relocated as requested in 13 Jun 2007 FDEP letter (formally Element 1A-02, #1 - Year 3 annual report).
4A	01	Renumbered as requested in 13 Jun 2007 FDEP letter (exchanged with 4B-01).
4C	01	Added BMP (activity had not been previously reported).
4E	01	Combined with former Element 2A-01 (Year 3 annual report) to more effectively address Minimum Control Measure Required Element 4E.
6A	01 - 06	Renumbered 6A-01 thru 6A-05, for clarity.

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SECTION IV. INDEPENDENT MONITORING AND RELIANCE ON ANOTHER ENTITY

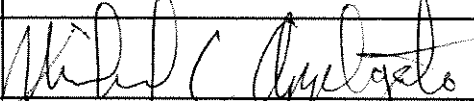
A.	<p>Please indicate whether the Phase II MS4 performed independent monitoring. If yes, please attach monitoring data collected during reporting period.</p> <p><input type="checkbox"/> The MS4 performed independent monitoring during the reporting period, (Attach monitoring results to this Annual Report form). <input checked="" type="checkbox"/> The MS4 did NOT perform independent monitoring during the reporting period.</p>							
B.	<p>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.</p> <table border="1" data-bbox="641 210 933 1837"> <thead> <tr> <th data-bbox="641 1696 711 1837">Element #</th> <th data-bbox="641 1577 711 1696">BMP #</th> <th data-bbox="641 210 711 1577">Name of Responsible Entity</th> </tr> </thead> <tbody> <tr> <td data-bbox="711 1696 933 1837"> </td> <td data-bbox="711 1577 933 1696"> </td> <td data-bbox="711 210 933 1577"> </td> </tr> </tbody> </table>		Element #	BMP #	Name of Responsible Entity			
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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):		MICHAEL C. APPLGATE, YF-02	
Title:	Chief, Environmental Management Division (96 CEG/CEV)		
Signature:		Date:	12/02/07