



# ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

**Submit the form and attachments to:**  
 Florida Department of Environmental Protection  
 Mail Station 2500  
 2600 Blair Stone Road  
 Tallahassee, Florida 32399-2400

**SECTION I. BACKGROUND INFORMATION**

<b>A.</b>	Permittee Name: City of Cape Coral		
<b>B.</b>	Permit Name: Lee County Municipal Separate Storm Sewer System		
<b>C.</b>	Permit Number: FLS000035		
<b>D.</b>	Annual Report Year: Year 1    Year 2 <input checked="" type="checkbox"/> Year 3    Year 4    X Year 5 <input type="checkbox"/> Other, specify Year:		
<b>E.</b>	Reporting Time Period (month/year): March / 2008 through February / 2009		
<b>F.</b>	Name of the Responsible Authority: Terrance Stewart, MPA		
	Title: City Manager		
	Mailing Address: P.O. Box 150027		
	City: Cape Coral	Zip Code: 33915-0027	County: Lee
	Telephone Number: 239-574-0450		Fax Number: 239-574-0452
E-mail Address: tstewart@capecoral.net			
<b>G.</b>	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Connie S. Jarvis		
	Title: Environmental Resources Manager		
	Department: Public Works		
	Mailing Address: P. O. Box 150027		
	City: Cape Coral	Zip Code: 33915-0027	County: Lee
Telephone Number: 239-574-0745		Fax Number: 239-574-0721	
E-mail Address: cjarvis@capecoral.net			

**SECTION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable In Year 1)**

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

**SECTION III. MONITORING PROGRAM**

	Provide a brief statement as to the status of monitoring plan implementation:
A.	A water quality monitoring program has been on going since 1990 within the City. Samples are taken monthly at 33 stations within the City and surrounding waters. Parameters sampled include nitrate, nitrite, ammonia, organic and Kjehdal nitrogens, total phosphorous, biological oxygen demand, dissolved oxygen, chlorophyll a, fecal coliform and fecal streptococcus, turbidity, pH, temperature, total dissolved solids and total suspended solids. This monitoring program was approved by DEP in a letter dated February 25, 2004. The City has no plans to amend its current monitoring program.
B.	Provide a brief discussion of the monitoring results to date:  Over the Year Five period, water quality has been in the fair to good categories as determined by state standards.
C.	Attach a monitoring data summary, as required by the permit.

**SECTION IV. FISCAL ANALYSIS**

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$15,860,713
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$16,694,083

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

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

<u>Attached</u>	<u>N/A</u>	
X		Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.
X		A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.  Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.  Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.  Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.

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

**SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE**

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

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

Name of Responsible Authority (type or print): Terrance Stewart, MPA

Title: City Manager

Signature: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE**

A.	B.	C.	D.	E.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation/ Record	
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation			
	Maintain an up-to-date inventory of stormwater facilities operated by the permittee. Provide any updates to the inventory in the subsequent ANNUAL REPORT.			
	<b>Dry retention ponds</b>	7	P:\users\crobb\gisdata.GIS Retention-Ponds	P S
	<b>Wet retention ponds</b>	4	P:\users\crobb\gisdata.GIS Retention-Ponds	P S
	<b>Channels/canals (miles)</b>	409	P:\users\crobb\gisdata.GIS Canals	P S
	<b>Pump stations</b>	5	Utilities Database	P Ile
	<b>Ditches/swales (miles)</b>	2,897	GIS Mapping	P T
	<b>Inlets/catch basins/grates</b>	22,889	P:\users\crobb\data.GIS. Stormwater-Features\gisdata.GIS Basins	P S
	<b>Locks</b>	1	Facilities Database	P C
	Conduct inspections and maintenance of structural controls and roadway stormwater collection structures in accordance with Table II.A.1.a of the permit. Maintain an internal record keeping system to schedule and document inspections and maintenance activities performed on structural controls and roadway stormwater collection structures operated by the permittee. Report on the inspections and maintenance conducted in each ANNUAL REPORT.			
	<b>Dry retention pond inspections</b>	7	Completed Dry Retention Pond Inspection Worksheets P:\users\crobb\GIS.Stormwater\retdet	P
	<b>Dry retention pond maintenance</b>	54	Mowing once monthly-completed work sheets or other repair completed worksheets if additional maintenance was needed. Completed worksheets in PW/Services filed by month.	P /S
	<b>Wet retention pond inspections</b>	4	Completed Wet Retention Ponds Inspection Worksheets	P
	<b>Wet retention pond maintenance</b>	28	Completed Pipe Crew worksheets	P S
	<b>Channel/canal inspections (units)</b>	2,031	Marked maps in canal maintenance office or P:\sde.default(gissrv)gis.dredge_table	P R
	<b>Channel/canal maintenance (cubic yards)</b>	96,182	Logs/Monthly Reports	P S
	<b>Pump station inspections</b>	1825	MP2 Datastream System/Canal Pump Stations	P

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	Pump station maintenance	95	MP2 Datastream System/Canal Pump Stations	P Il P S
	Ditch/swale inspections (units)	700	<a href="http://ecivcall.capecoral.net/Login.asp">http://ecivcall.capecoral.net/Login.asp</a>	P W P
	Ditch/swale maintenance (square feet)	2,303,569	Y:epcdc\shared\y:\swalecost	P W P
	Inlet/catch basin/grate inspections	6,947	P:\sde:default (gissrv)gisstormdraininlets	P C P C P C P
	Inlet/catch basin/grate maintenance	5,557	P:\sde:default (gissrv)gisstormdraininlets	P C P C P C P
	Lock inspections	104	HTE system/Fac. Maintenance/ Work orders	P C P C P C P
	Lock maintenance	52	HTE system/Fac. Maintenance/ Work orders	P C P C P C P
	Pipe cleaning/clearing (linear feet)	156,697	Z:\epcusers\rheim.pipe.xls Y:epcdc\shared\y:\Callahan pipe list monthlyreport	P
Part III.A.2	Areas of New Development and Significant Redevelopment			
	<p>During Years 1 and 2, conduct a review of the permittee's current local codes and land development regulations to determine where changes can be made to reduce the stormwater impact of new development. In particular, focus on changes to the code that will promote: reductions in impervious surfaces, the use of swales, the incorporation of low impact development principles, stormwater reuse, and adherence to the principles of the Florida Yards and Neighborhoods program in new landscaping. Provide a summary of recommended changes to the local codes and regulations with a schedule for implementation in the Year 3 ANNUAL REPORT.</p> <p><b>(Year 3 Only: Attach summary of recommended changes)</b></p>			
Part III.A.3	Roadways			
	<p>Continue to implement the litter control programs for public highways and streets, including rights-of-way, employed within the permittee's jurisdictional area and properly dispose of collected material. Report on the litter collection activities, including the frequency of litter</p>			

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	<p>collection and an estimate of the quantity of litter collected, in each ANNUAL REPORT.</p> <p><b>Frequency of litter collection</b></p> <p><b>Amount of litter collected (tons)</b></p> <p><b>Total miles of right-of-way maintained</b></p> <p><b>Total miles of alleys/bike paths/intersections maintained</b></p> <p><b>Adopt-A-Road/Adopt-A-Canal: Amount of litter collected (tons)</b></p> <p>Continue to implement standard practices employed to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities.</p> <p><b>Applicable municipal equipment yards and maintenance shops</b></p> <p><b>Frequency or number of inspections</b></p>	<p>Daily</p> <p>191.43</p> <p>4,217</p> <p>4,503</p> <p>1</p> <p>2</p>	<p>Daily Worksheets-Monthly Report</p> <p>Monthly Report/Waste Management Bills</p> <p>Z:\callahan\daily sweeping sheets\monthlyreport</p> <p>Z:\callahan\daily sweeping sheets\monthlyreport</p> <p>Yard Maintenance Inspection Report</p> <p>Yard Maintenance Inspection Report</p>	<p>P</p> <p>C</p> <p>P</p> <p>P</p> <p>C</p> <p>V</p> <p>P</p> <p>P</p> <p>P</p>
Part III.A.4	Flood Control Projects			
	<p>Maintain a list of stormwater capital improvement projects proposed by the Stormwater Management Master Plan. Report on the status of the projects, including a description of the stormwater quality improvement and/or protection measures for each project, in each ANNUAL REPORT. Include only those projects with activity during the reporting year.</p> <p><b>Capital Improvement Projects (CIPs) proposed</b></p> <p><b>CIPs active</b></p> <p><b>CIPs completed</b></p> <p><b>(Attach description of stormwater quality improvements/protection measures for each project)</b></p>	<p>2</p> <p>4</p> <p>2</p>	<p>List of Capital Maintenance Projects Attached</p> <p>Status on Capital Maintenance Projects Attached</p> <p>Completed job file in Public Works/Services or on P:\users\crobb\data.GIS.Stormwater-Features</p>	<p>P</p> <p>E</p> <p>P</p>
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit			
	<p>Continue the program to identify priorities and procedures for inspections, and implementation of measures to control discharges from municipal waste treatment, waste storage, and waste disposal facilities, including transfer stations and waste</p>			

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	<p>fleet maintenance facilities that are not otherwise covered by an NPDES stormwater permit. The program shall identify priority facilities and shall determine the necessary control measures and procedures to be employed at each facility. Report on the status and findings of the program, including the number and frequency of the inspections conducted, and the identification of the applicable facilities, in each ANNUAL REPORT</p> <p><b>Applicable municipal facilities</b></p> <p><b>Number of inspections</b></p> <p><b>Frequency of inspections</b></p>	<p>0</p> <p>0</p> <p>0</p>		
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application			
	<p>Continue to require documentation of proper certification and licensing for all applicators contracted to apply pesticides or herbicides on permittee-owned property, as well as any permittee personnel employed in the application of these products, in accordance with Florida Department of Agriculture regulations.</p> <p><b>Certified/licensed applicators (personnel)</b></p> <p><b>Certified/licensed applicators (contractors)</b></p>	<p>13</p> <p>2</p>	<p>Parks/ERD personnel records</p> <p>Procurement/PW /vendor files</p>	<p>P</p> <p>E</p> <p>P</p> <p>W</p>
	<p>Continue to implement a public education program (using such means as the Internet, literature, lectures, special events, notices on Government Access television, radio announcements, utility bill inserts, bulletin board ads, etc) to encourage citizens to reduce their use of pesticides, herbicides, and fertilizers. Continue the distribution of public education materials describing the need to minimize the application of fertilizers, pesticides and herbicides, and promote actions such as incorporating native vegetation and xeriscape concepts into new landscaping projects. Report on the public education activities that occurred within the permittee's jurisdiction, such as the number of brochures/bill inserts distributed, the number of newspaper articles</p>			

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	<p>published, and the number of public presentations conducted, in each ANNUAL REPORT.</p> <p><b>Brochures/Flyers/Fact sheets distributed</b></p> <p><b>Neighborhood presentations</b></p> <p><b>Newspaper and newsletter articles/notices</b></p> <p><b>Newsletters distributed</b></p> <p><b>School presentations</b></p> <p><b>Seminars/Workshops</b></p> <p><b>Special events</b></p>	<p>500</p> <p>10</p> <p>0</p> <p>252</p> <p>1</p> <p>6</p> <p>2</p>	<p>ERD FYN files</p> <p>ERD FYN files</p> <p>ERD Clippings files</p> <p>ERD/ Canalwatch mailing list</p> <p>ERD FYN files</p> <p>Parks FYN files</p> <p>Rotary Park Event Files</p>	<p>P</p> <p>P</p> <p>C</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p>
	<p>Continue to conduct annual seminars, training sessions, and/or on-the-job supervision for municipal applicators to emphasize the stormwater implications of pesticides and herbicide application. Report on the training activities, including the number of training sessions conducted and the number of municipal applicators trained, in each ANNUAL REPORT.</p> <p><b>Training sessions conducted</b></p> <p><b>Municipal applicators trained</b></p>	<p>1</p> <p>13</p>	<p>Parks/ERD applicators</p> <p>Parks/ERD applicators/ M. Webster/K. Hankins</p>	<p>F</p> <p>F</p>
Part III.A.7.a	<p><b>Illicit Discharges and Improper Disposal</b></p> <p><b>No Reportable Items</b></p>	—	Inspections, Ordinances, and Enforcement Measures	
Part III.A.7.c	<p><b>Illicit Discharges and Improper Disposal</b></p>	—	Investigation of Suspected Illicit Discharges and/or Improper Disposal	
	<p>Continue to implement the standard investigative procedures (including pro-active inspections) to identify and terminate the source(s) of illicit connections or discharges to the MS4. Based upon reports received from personnel or citizens, investigate suspected illicit discharges. Maintain an internal log documenting the reports of suspected illicit discharges, investigations performed, and enforcement actions taken. Report on the program, including the number and the results of the investigations and enforcement actions conducted, in each ANNUAL REPORT.</p> <p><b>Pro-active inspections of suspected illicit connections/discharges/dumping</b></p> <p><b>Investigations of reports of</b></p>	<p>440</p> <p>0</p>	<p>NPDES Y5 file/ Monthly reports- maps of areas with dates and signature</p> <p>Z:/crobb/npdes/illicits</p>	<p>P</p> <p>W</p> <p>P</p>

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	<p style="text-align: center;"><b>suspected illicit connections/discharges/dumping</b></p> <p style="text-align: center;"><b>Illicit connections/discharges/dumping found</b></p> <p style="text-align: center;"><b>Notices of Violation (NOVs) issued</b></p> <p style="text-align: center;"><b>Fines issued</b></p>	<p style="text-align: center;">0</p> <p style="text-align: center;">0</p> <p style="text-align: center;">0</p>	<p style="text-align: center;">Z:/crobb/npdes/illicits</p>	<p style="text-align: center;">P</p> <p style="text-align: center;">P</p> <p style="text-align: center;">P</p>
	<p>Continue to implement a periodic training course to educate appropriate permittee personnel to identify and report conditions in the stormwater facilities that may indicate the presence of illicit discharges to the MS4. Report on the training activities, including the number of training courses conducted and the number of personnel trained, in each ANNUAL REPORT.</p> <p style="text-align: center;"><b>Training sessions conducted</b></p>	<p style="text-align: center;">2</p>	<p>Illicit connections 3/28/2008 CC Safety Meeting in connection with Ft. Myers</p>	<p style="text-align: center;">C</p> <p style="text-align: center;">P</p>
	<p style="text-align: center;"><b>Personnel trained</b></p>	<p style="text-align: center;">100</p> <p style="text-align: center;">24</p> <p style="text-align: center;">2</p>	<p>Illicit connections</p> <p>Advanced Stormwater Training and Illicit Discharge Erosion Control Class</p> <p>Qualified Stormwater Management Inspector</p>	<p style="text-align: center;">O</p> <p style="text-align: center;">L</p> <p style="text-align: center;">F</p>
<p>Part III.A.7.d</p>	<p>Illicit Discharges and Improper Disposal — Spill Prevention and Response</p>			
	<p>Continue to implement the spill-prevention/spill-response plan and procedures to prevent, contain, and respond to spills that may discharge into the MS4. Ensure that spills, regardless of whether they are hazardous, are properly addressed. Report on the spill prevention and response activities, including the number of spills addressed, in each ANNUAL REPORT.</p> <p style="text-align: center;"><b>Hazardous and non-hazardous material spills responded to</b></p> <p style="text-align: center;"><b>Enforcement actions taken</b></p>	<p style="text-align: center;">22</p> <p style="text-align: center;">0</p>	<p>FireDept. Haz-Mat Database</p> <p>FireDept. Haz-Mat Database / State Warning Point Calls</p>	<p style="text-align: center;">F</p> <p style="text-align: center;">D</p>
	<p>Provide periodic training courses on proper spill prevention, containment, and response techniques and procedures for appropriate permittee personnel. Report on the training activities completed, including the number of training courses provided and the number of personnel trained, in each ANNUAL REPORT.</p> <p style="text-align: center;"><b>Training courses provided</b></p> <p style="text-align: center;"><b>Personnel trained</b></p>	<p style="text-align: center;">4</p> <p style="text-align: center;">201</p>	<p>FireDept. Haz-Mat Database</p> <p>FireDept. /Haz-Mat Database</p>	<p style="text-align: center;">F</p> <p style="text-align: center;">F</p>
<p>Part III.A.7.e</p>	<p>Illicit Discharges and Improper Disposal — Public Reporting</p>			

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	<p>Continue to maintain a complaint log documenting all reports of illicit discharges and improper disposal and the actions taken to investigate and resolve the problem in the permittee's jurisdictional area. Report the number and type of complaints received and the results of the investigations (i.e., whether an illicit discharge was found and subsequently eliminated) in each ANNUAL REPORT.</p> <p><b>Citizen reports of suspected illicit connections/discharges/dumping received</b></p> <p><b>Illicit connections/discharges/dumping found</b></p> <p><b>Illicit connections/discharges/dumping eliminated</b></p>	<p></p> <p>33</p> <p>0</p> <p>0</p>	<p></p> <p>Civical Log</p> <p>Services Illicit Connection Log Z:\crobb\NPDES\illicit.xls</p> <p>Services Illicit Connection Log Z:\crobb\NPDES\illicit.xls</p>	<p></p> <p>C</p> <p>P</p> <p>P</p>
	<p>Continue to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials into the MS4. Continue to maintain a dedicated phone line for reporting of suspected illicit discharges and improper disposal. The permittee shall publicize the existence of this number on a routine basis and shall include information on the problems associated with illicit discharges and improper disposal, how to identify them, and how to report incidents found. Report on the public outreach activities conducted in each ANNUAL REPORT.</p> <p><b>Brochures/Flyers/Fact sheets distributed</b></p> <p><b>Newspaper and newsletter articles/notices</b></p> <p><b>Newsletters distributed</b></p> <p><b>Seminars/Workshops</b></p> <p><b>Special events</b></p>	<p></p> <p>500</p> <p>0</p> <p>77,300</p> <p>0</p> <p>1</p>	<p></p> <p>Brochure inventory</p> <p></p> <p>Printing/postage invoice from the Breeze Corporation</p> <p></p> <p>Canal Clean-up</p>	<p></p> <p>P</p> <p></p> <p>P</p> <p>P</p> <p>P</p>
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control			
	Continue implementation of the outreach program to instruct the public on responsible environmental management and the proper disposal of used motor oil, leftover hazardous household products, and lead acid			

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	<p>batteries. The outreach program could include an activity such as the stenciling/marketing of municipally-owned storm sewer inlets, and providing information through the Internet, utility bill inserts, brochures, flyers, PSAs, presentations, etc. Continue to support and publicize Household Hazardous Waste Collection Days and Conditionally Exempt Business Collection Days to facilitate proper disposal of oil, toxics, and household hazardous materials. Lee County shall provide the other permittees with adequate advance notification of these planned events. Report on the public outreach activities conducted in each ANNUAL REPORT</p> <p><b>Brochures/Flyers/Fact sheets distributed</b></p> <p><b>Direct Mailings</b></p> <p><b>Newspaper articles</b></p> <p><b>Number of Hazardous Waste Collection Day events</b></p> <p><b>Public Displays</b></p> <p><b>Seminars/Workshops</b></p> <p><b>Special events</b></p> <p><b>Storm sewer inlets marked</b></p>	<p>28,155</p> <p>155,000</p> <p>54</p> <p>259</p> <p>10</p> <p>0</p> <p>2</p> <p>0</p>	<p>Solid Waste Billing (Fiscal, Rosie 533-8541), Bridgette Kantor 338-3302, email RE: Hazardous Waste education/NPDES Yr 5 Annual report Part III.A.7.f"; Jayne Coles 652-6131 P2 email "Fair Info" with attachment 2009.xls</p> <p>Gulf Coast Printing Invoice 9/3/08; LC Fiscal, Rosi 533-8541</p> <p>News-Press, Florida Weekly, Southwest Florida Business and Breeze newspapers Invoices (Lee Co Fiscal, Rosie 479-8541)</p> <p>Brigitte Kantor <a href="mailto:kantorbx@leegov.com">kantorbx@leegov.com</a> Hazardous Waste education /NPDES Yr 5 Annual Report Part III.A.7.f email</p> <p>P2 Jayne Coles <a href="mailto:jcoles@leegov.com">jcoles@leegov.com</a> – NPDES calendars</p> <p>Solid Waste Billing (Lee Co Fiscal, Rosie 479-8541)</p> <p>Services Division/ GIS records</p>	<p>L C</p> <p>L</p> <p>L</p> <p>L</p> <p>L P @</p> <p>L</p> <p>P</p>
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage			
	<p>Continue to implement procedures to reduce or eliminate discharges to the MS4 from sanitary sewer seepage and sanitary sewer overflows (SSOs). Report on the activities to reduce or eliminate seepage and SSOs, such as number of incidents discovered and resolved, in each ANNUAL REPORT.</p> <p><b>Sanitary sewer seepage incidents discovered</b></p>	<p>0</p>	<p>DEP Overflows file</p>	<p>P</p>

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Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation/Record	
	<b>Sanitary sewer seepage incidents resolved</b>	0	DEP Overflows file	P
	<b>Sanitary sewer overflows (SSOs) discovered</b>	2	DEP Overflows file	P
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections			
	Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface waterbody into which each high risk facility discharges.			
	<b>Total high risk facilities</b>	0	Z:/cjarvis/mydocuments/NPDES/highriskfacilities.xls	P
	<b>New high risk facilities</b>	0	Z:/cjarvis/mydocuments/NPDES/highriskfacilities.xls	P
	Continue the inspection program procedures for high risk facilities, according to the priority and established inspection schedules, to determine compliance with all appropriate aspects of the stormwater program (e.g., no illicit connections and compliance with local stormwater regulation requirements). Maintain a log documenting the inspections performed and enforcement actions taken. Report on the inspection program, including the number and results of inspections conducted and enforcement actions taken, in each ANNUAL REPORT.			
	<b>High risk facility inspections</b>	0	Z:/cjarvis/mydocuments/NPDES/highriskfacilities.xls	P
	<b>Enforcement actions taken</b>	0	Z:/cjarvis/mydocuments/NPDES/highriskfacilities.xls	P
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring for High Risk Industries			
	Monitoring may be required on an as-needed basis in the event that inspections of high-risk facilities disclose suspected illicit discharges to the MS4. New high-risk industrial facilities as defined in 40 CFR 122.26(d)(2)(iv)(C) must be evaluated to determine if the new discharge is contributing a substantial pollutant load to the MS4. The evaluation may include site-specific monitoring.			
	<b>New high risk facilities evaluated</b>	0	Z:/cjarvis/mydocuments/NPDES/highriskfacilities.xls	P
	<b>High risk facilities monitored</b>	0	Z:/cjarvis/mydocuments/documents/WQ-05 and WQ-06	P
Part III.A.9.a	Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices			
	Continue to implement the local codes or land development regulations that require construction site planning approval and structural			

**SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE**

A.	B.	C.	D.	E.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation/Record	
	and non-structural erosion and sediment controls during construction to reduce the discharge of pollutants to the MS4. <b>Construction site plan reviews (private and municipal sites)</b>	206	Surface Water Division HTE system Finished File	P L
Part III.A.9.b	Construction Site Runoff — Inspection and Enforcement			
	Continue to implement the inspection program for construction projects to ensure compliance with local stormwater requirements and the permittee's development requirements concerning erosion and sediment control. Maintain enforcement of inspection program by issuing a violation notice and/or a stop work order to those construction site operators that repeatedly do not maintain compliance with the approved erosion and sediment control BMPs and permit conditions. Maintain an internal log documenting the inspections performed and any enforcement actions taken. Report on the inspection program, including the number of construction inspections conducted and the number and type of enforcement actions taken, in each ANNUAL REPORT. <b>Construction site inspections (private sites)</b> <b>Construction site inspections (municipal sites)</b> <b>Red tags issued</b> <b>Stop Work Orders issued</b> <b>Fines issued</b>	1,843 32 421 0 \$23,225	Surface Water Division HTE system Finished File Surface Water Division HTE system Finished File Surface Water Division HTE system Finished File Surface Water Division HTE system Finished File Surface Water Division HTE system Finished File	P L P L P S P S P S
	Develop and implement a formalized construction inspection checklist covering current stormwater management and water quality inspection items in order to standardize the inspection process. Provide a copy of the developed checklist in the Year 1 ANNUAL REPORT. <b>(Year 1 Only: Attach inspection checklist)</b>			
Part III.A.9.c	Construction Site Runoff — Site Operator Training			
	Continue the stormwater training/outreach program for			

**SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE**

A.	B.	C.	D.	E.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation/Record	
	construction site operators and inspectors. Provide periodic training courses for public and private persons involved in the construction or inspection of stormwater management, erosion and sediment controls. Report on the training activities, including the number of training courses provided and the number of personnel trained, in each ANNUAL REPORT.			
	<b>Training courses provided</b> <b>Private participants trained</b> <b>Surface water inspectors (site operators) trained</b>	0 0 6	Surface Water\Services\Personnel Files	D
	Continue to implement the procedures to notify building permit applicants of their potential application responsibilities under the Department's NPDES generic permit for stormwater discharge from construction activities (Rule 62-621.300(4), F.A.C.). <b>Number of building applicants notified</b>	39	HTE system, PW, Site Review Plan's Review Commercial Project Files March 2008-Feb 2009.	F
	Provide a description of the notification procedures for building permit applicants required above, and include any supporting materials, in the Year 1 ANNUAL REPORT. <b>(Year 1 Only: Attach description of procedures and supporting material)</b>			

**SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable In Year 1)**

A.	Permit Citation/SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PERMIT IS A CONDITIONAL PERMIT ACTIVITY.

B.	Permit Citation/SWMP Element	Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements (Including the Rationale for the Change)

## List of Attachments for Year 5:

1. Water Quality Monitoring Summary
2. List of Capital Projects

Cape Coral Water Quality Monitoring Summary  
Annual Report Year 5  
March 2008- Feb 2009

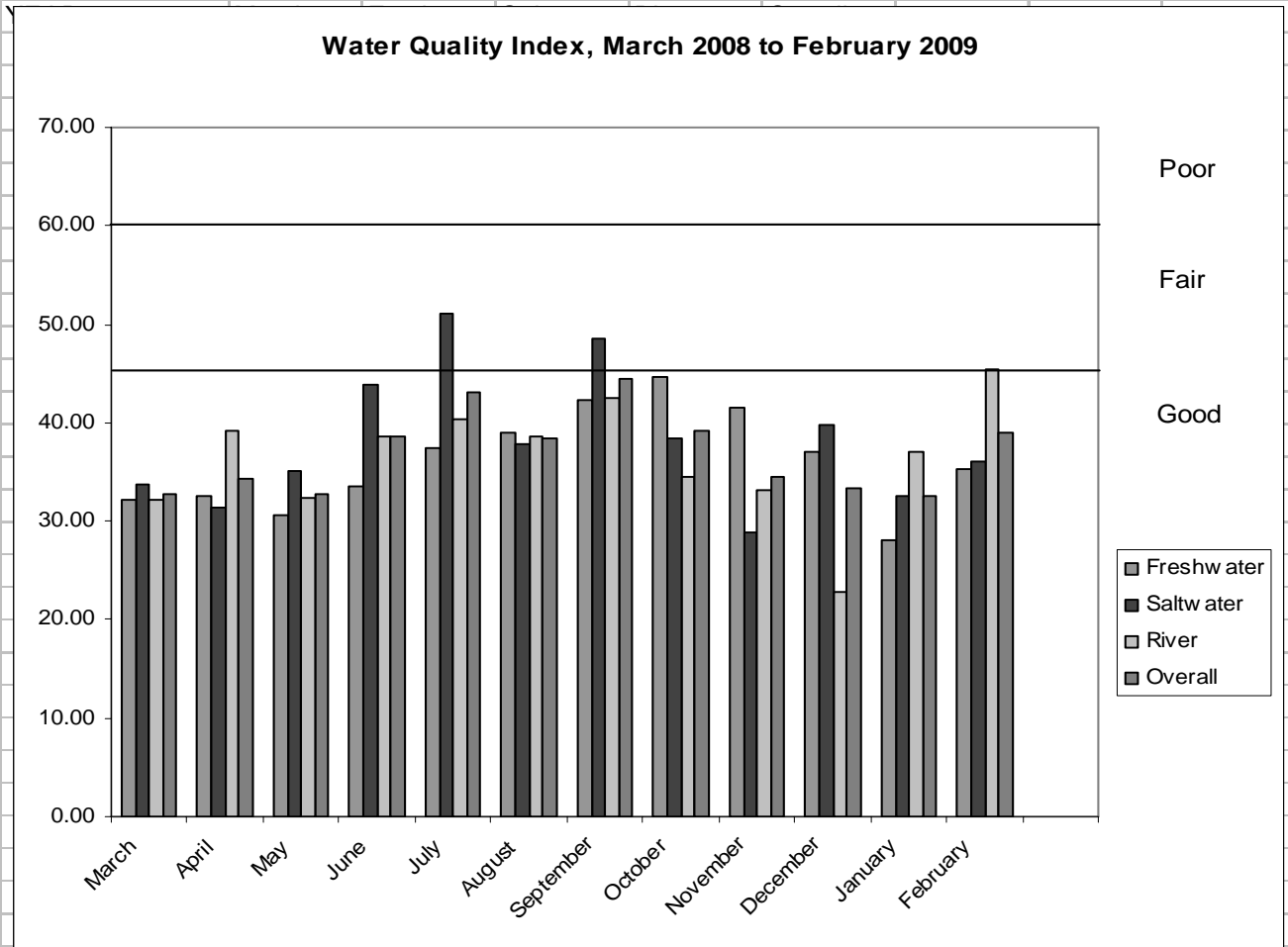
The water quality within the City of Cape Coral primarily remained in the good category for the permit year as compared to state indices (attached graph). The saltwater stations did drop into the fair category during the rainy season and the overall numbers also increased. Results did not meet state standards in various categories throughout the year including turbidity, biological oxygen demand, dissolved oxygen, pH, chlorophyll a, and total suspended solids. Overall, however, the water quality index remained in the “good” category.

**WATER QUALITY INDICES FOR CAPE CORAL**

Water Quality, March 2008 to February 2009

Note: index based on Hand et al. (1988).

Low values better than high.

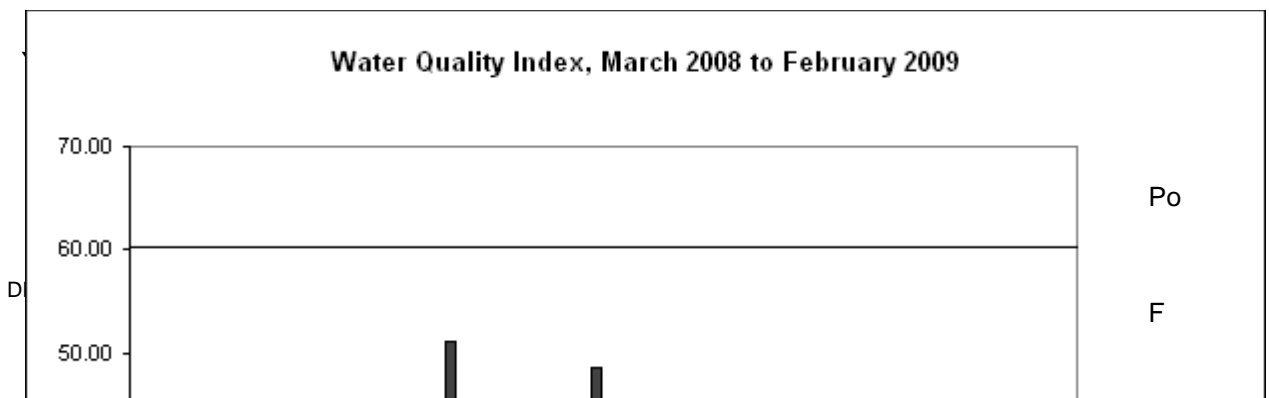


**WATER QUALITY INDICES FOR CAPE CORAL**

Water Quality, March 2008 to February 2009

Note: index based on Hand et al. (1988).

Low values better than high.



2008	June	33.60	43.81	38.67	38.69
2008	July	37.49	51.10	40.45	43.01
2008	August	38.94	37.90	38.62	38.49
2008	September	42.23	48.61	42.49	44.44
2008	October	44.69	38.34	34.60	39.21
2008	November	41.60	28.86	33.10	34.52
2008	December	37.13	39.80	22.91	33.28
2009	January	28.03	32.65	37.02	32.57
2009	February	35.23	36.06	45.50	38.93

Section VII, Part III.A.4: CAPITAL IMPROVEMENT PROJECTS								
Project	Complete	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Totals	Description storm impr /or p meas
Pipe Lining 6,868 lf	9/08	431,231					431,231	
Phase II Outfall Lining	In Progress		350,000				350,000	

Pipe Lining per lf	In Progress		300,000	300,000	300,000	300,000	1,200,000	
NW 29th Terrace	12/5/2008		10,000				10,000	
Diplomat to Ralstan Canal Project	Permit 1/24/2009 Completed 5/31/2009		500,000				500,000	
Unit 24 to Nicholas Canal Project	Permit Received 1/28/2009		1,000,000				1,000,000	
NE Durden Pkwy & Andalusia Pkwy Pipe Upgrades and Basins				2,875,000			2,875,000	
GAC Unit Drainage Improvement Projects					2,000,000		2,000,000	
<b>Totals</b>		<b>431,231</b>	<b>2,160,000</b>	<b>3,175,000</b>	<b>2,300,000</b>	<b>300,000</b>	<b>8,366,231</b>	

*FP = Flood Prevention, flowway restoration, hydraulic improvements*

*WQ = Water quality improvements, retention*