

Lee County Board Of County Commissioners  
Agenda Item Summary

Blue Sheet No. 20040281

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Approve Lee County's portion of the Sixth Annual Report for the Lee County NPDES (National Pollutant Discharge Elimination System) Storm Water Permit (FLS000035) and authorize staff to transmit the report to the United States Environmental Protection Agency (USEPA). Authorize Chairman to sign the Certification Page for the NPDES Sixth Annual Report.

**WHY ACTION IS NECESSARY:** Annual Reports are required as a permit condition of the Lee County NPDES permit.

**WHAT ACTION ACCOMPLISHES:** Provides certification the report provides an accurate description of the activities associated with the NPDES permit.

<b>2. DEPARTMENTAL CATEGORY:</b> Natural Resources		<b>3. MEETING DATE:</b> 03-23-2004
<b>COMMISSION DISTRICT #:</b> CW		
<b>4. AGENDA:</b>		<b>6. REQUESTOR OF INFORMATION:</b>
<input checked="" type="checkbox"/> CONSENT <input type="checkbox"/> ADMINISTRATIVE <input type="checkbox"/> APPEALS <input type="checkbox"/> PUBLIC <input type="checkbox"/> WALK ON <input type="checkbox"/> TIME REQUIRED:		A. COMMISSIONER _____ B. DEPARTMENT Public Works C. DIVISION Natural Resources BY: Roland Ottoljini, Director
<b>5. REQUIREMENT/PURPOSE:</b> (Specify)		
<input type="checkbox"/> STATUTE <input type="checkbox"/> ORDINANCE <input type="checkbox"/> ADMIN. CODE <input checked="" type="checkbox"/> OTHER Report Cert.		

**7. BACKGROUND:** In October 1997, Lee County obtained a permit to operate its Municipal Separate Storm Sewer System (MS4) from the U.S. Environmental Protection Agency (USEPA). The purpose of the permit is to track activities associated with the operation and maintenance of the MS4. It also specifies certain legal and educational activities required of the County. The result of the permitted activities is to improve the waters discharged to federal waters from the Lee County MS4.

The Annual Report is due by March 31, 2004, or six months after the end of fiscal (also permit) year of operation. It contains summaries of activities performed by Lee County, and will be combined with the reports of the other Co-permittees. A copy of the final report (containing all of the reports from all of the Co-permittees) will be submitted to the Clerk (for the Record) upon its filing with the FDEP.

Activities associated with the permit are currently budgeted and funded. No additional funding is required.

Attachments: One (1) Copy of NPDES Annual Report  
Two (2) Original Certification Pages (one to be retained by the Clerk's office and one returned to Division)

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services Risk				G County Manager
					OA	OM	Risk	GC	
<i>Garner</i> 3-9-04				<i>[Signature]</i> 3/10/04	<i>P.M.</i> 3/11/04	<i>[Signature]</i> 3/11/04	<i>[Signature]</i> 3/11/04	<i>[Signature]</i> 3/11/04	<i>Garner</i> 3-9-04

**10. COMMISSION ACTION:**

- \_\_\_\_\_ APPROVED
- \_\_\_\_\_ DENIED
- \_\_\_\_\_ DEFERRED
- \_\_\_\_\_ OTHER

REC'D.  
by [Signature]  
3/10/04  
5:30 AM  
Admin 3/10/04

RECEIVED BY  
COUNTY ADMIN: [Signature]  
03/10/04  
11:55 am SGT  
COUNTY ADMIN  
FORWARDED TO: [Signature]  
3-11-04  
[Signature]



# 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: Lee County Board of County Commissioners		
<b>B</b>	Permit Name: Lee County Municipal Separate Storm Sewer System		
<b>C</b>	Permit Number: FLS000035		
<b>D</b>	Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input checked="" type="checkbox"/> Other, specify Year: 6		
<b>E</b>	Reporting Time Period (month/year): 10/ 2002 through 9/ 2003		
<b>F</b>	Name of the Responsible Authority: Chairman Lee County BOCC		
	Title: Chairman		
	Mailing Address: P.O. Box 398		
	City: Fort Myers	Zip Code: 33902-0398	County: Lee
<b>G</b>	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Tony Pellicer		
	Title: Engineering manager		
	Department: Public Works/Natural Resources		
	Mailing Address: P.O. Box 398		
<b>H</b>	City: Fort Myers	Zip Code: 33902-0398	County: Lee
	Telephone Number: 239-479-8129		Fax Number: 239-479-8108
	E-mail Address: pellicla@leegov.com		

**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): 4 (Does this number include non-major outfalls? <input checked="" 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 checked="" 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 <input checked="" type="checkbox"/> Not Applicable

**SECTION III. MONITORING PROGRAM**

<b>A.</b>	<b>Provide a brief statement as to the status of monitoring plan implementation:</b> Lee County actively continues with its ambient water quality monitoring program. This data is annually uploaded to STORET with the latest monitoring data available upon request. Two Doppler side-looking flow monitoring devices were installed by Lee County this monitoring year (2002-2003).
<b>B.</b>	<b>Provide a brief discussion of the monitoring results to date:</b> Data collected prior to December 1998 was used by the FDEP in their analysis to determine both the Planning and Final Lists of Impaired Waters. The data evaluated in this report is from January 1999 thru December 2003. Plots of the seasonal data indicate a difference between wet and dry seasons for both North and South County samplings. The wet season data is more reflective of Surfacewater runoff while the dry season demonstrates the impacts of base flow conditions. DO and Chl-a are generally higher in the dry season than in the wet season, while the nutrients have the inverse relationship.
<b>C.</b>	<b>Attach a monitoring data summary, as required by the permit. See Attachment 1</b>

**SECTION IV. FISCAL ANALYSIS**

<b>A.</b>	Total expenditures for the NPDES stormwater management program for the current reporting year: \$ 18,180,790.10
<b>B.</b>	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$20,345,544.45

**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>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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): \_\_\_\_\_

Title: Chairman

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

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

A.	B.	C.	D.	E.	F.
Permit Citation/SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation/Record	Entity Performing the Activity	Comments
Part III.A.1	Structural Controls and Stormwater Collection Systems Operation				
	<i>Conduct scheduled inspections and maintenance of the structural controls identified in Table II.A.1.a on pages 4-6 of this permit within each permittee's jurisdictional area.</i>				
	Wet Retention	0	DOT Work Order System	LCDOT-Don Chamblee	Maintenance and inspections conducted by Hyacinth Control.
	Weir Inspection (hours)	119	DOT Work Order System	LCDOT-Don Chamblee	
	Weir Maintenance (hours)	388	DOT Work Order System	LCDOT-Don Chamblee	
	<i>Update Table II.A.1.a in each ANNUAL REPORT. Maintain an internal record keeping system to track inspections and maintenance activities performed on structural controls during the permit term. Annually, assess the effectiveness of your inspection and maintenance activities and provide a summary of the assessment.</i>				
	Not A Reportable Item	0	DOT Work Order System	LCDOT-Don Chamblee	Lee County DOT Operations inspections and maintenance are effective. By using a combination of the County staff, along with our "citizen inspectors", we are effectively inspecting, maintaining (as necessary) and documenting all of the infrastructure in Lee County's MSA.

Part III.A.1 (continued)	<i>Continue to ensure the proper operations and maintenance of all canals, major swale systems and structural controls within unincorporated Lee County and Lee County rights-of-ways.</i>				
	Not a Reportable Item	0	DOT Work Order System	LCDOT-Don Chamblee	LCDOT performs the operation and maintenance of the MS4. Sufficient funds are budgeted to maintain it in proper working order.
Part III.A.2	<b>Areas of New Development and Significant Redevelopment</b>				
	<i>Continue to adhere to the County's planning procedures as described by the Lee County Comprehensive Plan and its Land Development Code which regulate the impact of stormwater runoff caused by new development and provide controls for areas of new development and significant redevelopment.</i>				
	Not a Reportable Item	0	Lee County Website <a href="http://www.lee-county.com">www.lee-county.com</a>	Lee Co. Development Svc-Pete Eckenrode	Comprehensive Plan and LDC followed and enforced.
	<i>For areas of new development and significant redevelopment, adhere to the treatment performance standards set forth in the State Water Policy.</i>				
	Not a Reportable Item	0	Lee County Website <a href="http://www.lee-county.com">www.lee-county.com</a>	Lee Co. Development Svc-Pete Eckenrode	State Water Policy followed.
Part III.A.3	<b>Roadways</b>				
	<i>Perform scheduled maintenance on storm water structures (i.e. catch basins, drainage inlets, etc.) and roadside ditches within jurisdictional limits and properly dispose of accumulated sediments.</i>				
	Structures Cleaned (each)	1,269	DOT Work Order System	LCDOT-Don Chamblee	
	Structures Cleaned (linear feet)	338,384.8	DOT Work Order System	LCDOT-Don Chamblee	
	Structures Repaired (each)	262	DOT Work Order System	LCDOT-Don Chamblee	
	Structures Repaired (linear feet)	602,015.7	DOT Work Order System	LCDOT-Don Chamblee	
	Structures Replaced (each)	18	DOT Work Order System	LCDOT-Don Chamblee	
	Structures Replaced (linear feet)	4,728	DOT Work Order System	LCDOT-Don Chamblee	

Part III.A.3 (continued)	<b>Maintain an internal log documenting all maintenance activities on storm water structures and roadside ditches.</b>				
	Not a Reportable Item	0	DOT Work Order System	LCDOT-Don Chamblee	LDOT continues to use a work order system.
	<b>Perform scheduled maintenance on stormwater structures and roadside ditches within the East County Water Control District, East Mulloch Water Control District, and properly dispose of accumulated sediment.</b>				
	Not a Reportable Item	0	DOT Work Order System	LCDOT-Don Chamblee	Catch basin sediments are stockpiled then transported to a lined landfill. Roadside ditch cleanings are reused, in areas of origin, to restore eroded road shoulders.
	<b>Continue to maintain the Lee County Transportation Division (LCTD) 24-hour Request for Action (RFA) service for public reporting of roadway and drainage problems.</b>				
	Number of Stormwater Phone Calls	64	RFA Database	LCDOT-Don Chamblee	
	<b>Actively Support and promote on a regular basis Keep Lee County Beautiful, Inc. litter control programs.</b>				
	<b>Adopt A Shore Program</b>				
	Number of sites cleaned	60	Paper Record	KLCB-Rudy Bush	
	Number of Volunteers	600	Paper Record	KLCB-Rudy Bush	
	Litter Collected (pounds)	1,264	Paper Record	KLCB-Rudy Bush	
	Miles Cleaned	84	Paper Record	KLCB-Rudy Bush	
	<b>Trash Bash Event AKA Great American Cleanup</b>				
	Number of sites cleaned	17	Paper Record	KLCB-Rudy Bush	
	Number of Volunteers	4,183	Paper Record	KLCB-Rudy Bush	
	Litter Collected (pounds)	57,899	Paper Record	KLCB-Rudy Bush	

Part III.A.3 (continued)	<b>Coastal Cleanup</b>				
	Miles Cleaned	21	Paper Record	KLCB-Rudy Bush	
	Number of Volunteers	458	Paper Record	KLCB-Rudy Bush	
	Litter Collected (pounds)	3,664	Paper Record	KLCB-Rudy Bush	
	<b>Marine Cleanup</b>				
	Number of locations	2	Paper Record	KLCB-Rudy Bush	
	Number of Volunteers	507	Paper Record	KLCB-Rudy Bush	
	Litter collected (pounds)	6,400	Paper Record	KLCB-Rudy Bush	
	<b>Lee County Schools Environment Education (COOL Schools Program)</b>				
	Number of School Events	47	Paper Record	KLCB-Rudy Bush	
	Number of Volunteers	4,896	Paper Record	KLCB-Rudy Bush	
	Litter Collected (pounds)	0	Paper Record	KLCB-Rudy Bush	Materials collected not weighted
	<b>Continue the maintenance of roadway drainage infrastructure for the County's public roadways by the Operations Section of the LCDOT.</b>				
	<b>Lee County</b>				
	Erosion and Road Shoulder Repair (linear feet)	602,015.7	DOT Work Order System	LCDOT-Don Chamblee	
	Road Side Ditch Cleaning by Machine (linear feet)	259,541.8	DOT Work Order System	LCDOT-Don Chamblee	
	Catch Basin Inlet Cleaning by Machine (each)	207	DOT Work Order System	LCDOT-Don Chamblee	
	Culvert Pipe Cleaning by Machine (linear feet)	42,843	DOT Work Order System	LCDOT-Don Chamblee	
	Catch Basin Inlet Cleaning by Hand (each)	127	DOT Work Order System	LCDOT-Don Chamblee	
	Culvert Pipe Installation New/Replace (linear feet)	4,728	DOT Work Order System	LCDOT-Don Chamblee	
	Mitered Ends New/Replace (each)	1	DOT Work Order System	LCDOT-Don Chamblee	
	Culvert Pipe Repair in Place (each)	36	DOT Work Order System	LCDOT-Don Chamblee	
	Basin/Inlet New Construction and/or Reconstruction (each)	17.0	DOT Work Order System	LCDOT-Don Chamblee	
	Pipe and Basin Repair (each)	226	DOT Work Order System	LCDOT-Don Chamblee	
	Clean Pipe Ends by Hand (each)	922	DOT Work Order System	LCDOT-Don Chamblee	

Part III.A.3 (continued)	<b>Bonita Springs</b>							
	Erosion and Road Shoulder Repair (linear feet)	4,580	DOT Work Order System	LCDOT-Don Chamblee				
	Road Side Ditch Cleaning by Machine (linear feet)	9,285	DOT Work Order System	LCDOT-Don Chamblee				
	Catch Basin Inlet Cleaning by Machine (each)	8	DOT Work Order System	LCDOT-Don Chamblee				
	Culvert Pipe Cleaning by Machine (linear feet)	2,082	DOT Work Order System	LCDOT-Don Chamblee				
	Catch Basin Inlet Cleaning by Hand (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Culvert Pipe Installation New/Replace (linear feet)	86	DOT Work Order System	LCDOT-Don Chamblee				
	Mitered Ends New/Replace (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Culvert Pipe Repair in Place (each)	3	DOT Work Order System	LCDOT-Don Chamblee				
	Basin/Inlet New Construction and/or Reconstruction (each)	0	DOT Work Order System	LCDOT-Don Chamblee	Zero reported			
	Pipe and Basin Repair (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Clean Pipe Ends by Hand (each)	15	DOT Work Order System	LCDOT-Don Chamblee				
	<b>Fort Myers Beach</b>							
	Erosion and Road Shoulder Repair (linear feet)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Road Side Ditch Cleaning by Machine (linear feet)	2,348	DOT Work Order System	LCDOT-Don Chamblee				
	Catch Basin Inlet Cleaning by Machine (each)	5	DOT Work Order System	LCDOT-Don Chamblee				
	Culvert Pipe Cleaning by Machine (linear feet)	340	DOT Work Order System	LCDOT-Don Chamblee				
	Catch Basin Inlet Cleaning by Hand (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Culvert Pipe Installation New/Replace (linear feet)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Mitered Ends New/Replace (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Culvert Pipe Repair in Place (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Basin/Inlet New Construction and/or Reconstruction (each)	0	DOT Work Order System	LCDOT-Don Chamblee	None reported			
	Pipe and Basin Repair (each)	10	DOT Work Order System	LCDOT-Don Chamblee				
	Clean Pipe Ends by Hand (each)	4	DOT Work Order System	LCDOT-Don Chamblee				



Part III.A.4 Flood Control Projects					
	<i>To satisfy this requirement, Lee County may utilize the studies conducted for the Storm Water Master Plan which analyze the feasibility of retrofitting watersheds to provide flood protection and improve water quality of the discharged storm water runoff by the implementation of BMPs.</i>				
	<b>Projects in Planning</b>	3	s:\nates\anura\cippr ojects\cip status.xls	DNR-Anura Karuna-muni	NW Lee County Surface Water Management Study, Lakes Park Water Quality Project, Gator Slough Channel Improvements (Powell Creek Extension)
	<b>Projects in Permitting</b>	1	s:\nates\anura\cippr ojects\cip status.xls	DNR-Anura Karuna-muni	Ten Mile Canal Filter Marsh
	<b>Projects Started</b>	1	s:\nates\anura\cippr ojects\cip status.xls	DNRN-Anura Karuna-muni	Gator Slough- Channel Restoration
	<b>Projects Completed</b>	12	s:\nates\anura\cippr ojects\cip status.xls	DNRN-Anura Karuna-muni	W. Broadway Ditch Maintenance, Deer Run Farms, Travis/Orange, Michigan St. Ditch, Veterans Pkwy Ditch, East Yellow Fever Creek, Deal and Durrance, Crescent Lake Drive, Powell Creek Maintenance, Sands Drive, Halfway Creek Maintenance, Six Mile Cypress (Briarcliff Channel)

Part III.A.4 (continued)	<b>Ensure the maintenance of infrastructure for flood management projects within public rights-of-way which convey the storm water to the canals. Ensure the maintenance of canals for flood management projects</b>				
	Spoil Site Handling (man hours)	1,473	DOT Work Order System	LCDOT-Don Chamblee	
	Spyder Canal Mowing (acres)	56.7	DOT Work Order System	LCDOT-Don Chamblee	
	Spyder Canal Cleaning (miles)	9.3	DOT Work Order System	LCDOT-Don Chamblee	
	Canal Cleaning (miles)	47.2	DOT Work Order System	LCDOT-Don Chamblee	
	Tractor Mowing with Bush Hog (acres)	2,349	DOT Work Order System	LCDOT-Don Chamblee	
	Slope Mowing Canals (miles)	720.49	DOT Work Order System	LCDOT-Don Chamblee	
	Boom Mower (acres)	67.9	DOT Work Order System	LCDOT-Don Chamblee	
Part III.A.5	<b>Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit</b>				
	<b>Provide a description of the applicable portions of Lee County's integrated solid waste program which describe any inspection and/or monitoring activities for municipal waste treatment, storage and disposal facilities which are not covered by NPDES permit(s).</b>				
	Not A Reportable Item	0			Required for first annual report.
Part III.A.6	<b>Pesticides, Herbicides, and Fertilizer Application</b>				
	<b>Require evidence of proper certification for all applicators contracted by the permittee(s) to apply pesticides and herbicides on municipal and FDOT property.</b>				
	Not a Reportable Item	0	LCDOT Database, Purchasing files, Paperfiles	LCDOT-Don Chamblee, Parks and Rec, Purchasing	
	<b>Continue to educate the public and municipal staff on proper pesticide, herbicide and fertilizer use through the University of Florida – Lee County Cooperative Extension Services.</b>				
	Number of Courses	13	Reports of Accomplishments 2002 & 2003	IFAS-Stephen Brown	
	Number of Attendees	437	Reports of Accomplishments 2002 & 2003	IFAS-Stephen Brown	

Part III.A.7.a Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures					
	<b>Continue to implement the Lee County Division of Natural Resource Management periodic inspection program to identify potential illicit connections and illegal dumping to the MS4.</b>				
	Responses to RFA (Illicit Discharge Classification)	64	RFA Database	LCDOT-Don Chamblee	RFA is central database where these activities are logged.
	<b>Maintain a log documenting inspections and enforcement actions performed and provide a summary of the records.</b>				
	RFA's Reported	64	RFA Database	DNR-Rebecca Alexander	
	RFA's Resolved	64	RFA Database	DNR-Rebecca Alexander	
	Enforcement Action	2	RFA Database	DNR-Rebecca Alexander	Happy Days Car Wash and Fast Oil and Lube issued Warning Citations from Code Enforcement.
Part III.A.7.c Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal					
	<b>Continue to implement the investigative procedure, as described in the SWMP within the Part 2 permit application, to identify and terminate any source(s) of illicit connections or discharges to the MS4.</b>				
	Not A Reportable Item	0	RFA Database	LCDOT-Don Chamblee	RFA's investigated and resolved
	<b>Based on the results from the field screening, inspections or citizen reports, establish a schedule to begin inspections.</b>				
	Not A Reportable Item	0	County Files	DNR-Tony Pellicer	All complaints are investigated with 24 hours.
	<b>For those illicit discharges resulting in violations of water quality standards in waters of the U.S., the discharge will be reported to FDEP and EPA for further investigation and proper corrective action.</b>				
	Cases Referred to FDEP	3	RFA Database & County Files	DNR-Rebecca Alexander	Fountain Lakes WWTP, Happy Days Car Wash, Fast Oil & Lube

Part III.A.7.c (continued)	<b>Maintain a log of violations along with the enforcement action taken.</b>				
	RFA's Reported	64	RFA Database	DNR-Rebecca Alexander	
	RFA's Resolved	64	RFA Database	DNR-Rebecca Alexander	
	Enforcement Action	2	RFA Database	DNR-Rebecca Alexander	Happy Days Car Wash and Fast Oil and Lube issued warning citations form Code Enforcement.
Part III.A.7.d	<b>Illicit Discharges and Improper Disposal — Spill Prevention and Response</b>				
	<b>Implement the various municipal procedures, as described within the SWMP in the Part 2 permit application, for handling and disposing of chemical spills that are not handled by FDEP.</b>				
	Not A Reportable Item	0	Comprehensive Emergency Management Plan	EOC- John Campbell	Lee County Emergency Operation Plan in Place
	<b>Include notifying emergency response personnel to provide technical support or remediation assistance for hazardous materials or chemical spills.</b>				
	<b>Spill Response</b>				
	Wastewater, Sewage and Effluent (gal)	7,541,725	Fire Dept Call Logs/State Warning Point/Lee Co. EOC paper files	Fire Department Chief's and EOC- John Campbell	
	Diesel/Gasoline (gal)	5,862	Fire Dept Call Logs/State Warning Point/Lee Co. EOC paper files	Fire Department Chief's and EOC- John Campbell	Several incidents had unknown quantities of spills.
	Other Miscellaneous Hazardous Substances (gal)	1,574	Fire Dept Call Logs/State Warning Point/Lee Co. EOC paper files	Fire Department Chief's and EOC- John Campbell	
	Total Number of Incidents Reported	202	Fire Dept Call Logs/State Warning Point/Lee Co. EOC paper files	Fire Department Chief's and EOC- John Campbell	

Part III.A.7.e Illicit Discharges and Improper Disposal — Public Reporting					
	<i>Maintain a citizen complaint log documenting all reports of illicit discharges and what actions were taken to investigate and resolve the problem. Include a summary of this log in each ANNUAL REPORT.</i>				
	RFA's Reported	64	RFA Database	DNR-Rebecca Alexander	
	RFA's Resolved	64	RFA Database	DNR-Rebecca Alexander	
	Enforcement Action	2	RFA Database	DNR-Rebecca Alexander	Happy Days Car Wash and Fast Oil and Lube issued warning citations form Code Enforcement
Part III.A.7.f Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control					
	<i>Continue to make available to the public information (by means of brochures, flyers, and radio and newspaper advertisements) on the proper disposal of used motor oil, hazardous household waste materials, used vehicle tires, white goods, and lead acid batteries.</i>				
	<b>Pollution Prevention P2 Program</b>				
	Number of Businesses Assessed	408	P2 Program Summaries.xls	DNR-Dale Nottingham	The Pollution Prevention Program assessed 408 businesses and provided BMP's and rules as to the proper disposal and waste management of hazardous material that were or may be impacted by stormwater.

Part III.A.7.f (continued)	Pollution Prevention P2 Program (continued)				
	Number of BMP's Brochures Distributed	2,356	P2 Program Summaries.xls	DNR-Dale Nottingham	Distributed at business assessments, trade shows and the fair.
	Number of Events P2 Display Attended	4	P2 Program Summaries.xls	DNR-Dale Nottingham	The P2 display board was available and attended by staff at three Trade Shows and a total of ten days at the SWFL Fair.
	<i>Continue to include information informing the public of the locations of the Lee County recycling facilities, and collection sites for used motor oil, white goods, hazardous household waste, used vehicle tires, and lead acid batteries.</i>				
	<b>Household Hazardous Waste Collections</b>				
	Number of Events	7	Paper Record	LCSW-Rick Clontz	
	Pounds Collected	89,845	Paper Record	LCSW-Rick Clontz	
	Cost per Pound Overall (\$)	.50	Paper Record	LCSW-Rick Clontz	
	Average Pound Per Participant	81.66	Paper Record	LCSW-Rick Clontz	
	Number of Participants	1,106	Paper Record	LCSW-Rick Clontz	
	Disposal Cost Approximate	\$270,000	Paper Record	LCSW-Rick Clontz	
	Percent Recycled	75%	Paper Record	LCSW-Rick Clontz	Latex paint was not recycled for 2 collections which dropped the average.
	Advertisement Budget	\$54,600	Paper Record	LCSW-Rick Clontz	Budget per contracted services
Part III.A.7.g	<b>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</b>				
	<i>Advise appropriate utility owners, County and/or State Agency of violation if constituents common to wastewater contamination are discovered in the MS4 during dry weather field screening, routine inspections, regular maintenance or public reporting.</i>				
	Number of Complaints	4	RFA Database	DNR-Rebecca Alexander	RFA#2003-00871, 2003-01261, 2003-02821, 2003-02073

Part III.A.8.a Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections					
	<b>Maintain a list of all industrial storm water sources discharging to the MS4 and include an update in each ANNUAL REPORT of any additionally identified industrial facilities not previously listed. Maintain a log documenting the results of the inspections performed.</b>				
	Number of Industrial Site Inspections	16	Access Database FAC_INSP.mdb	DNR-Rebecca Alexander	
	Number of Industrial Sites in Compliance	3	Access Database FAC_INSP.mdb	DNR-Rebecca Alexander	
	Number of Industrial Sites Lacking NPDES Requirements	13	Access Database FAC_INSP.mdb	DNR-Rebecca Alexander	
	Number of Industrial Sites Given Educational Materials on NPDES Requirements	12	Access Database FAC_INSP.mdb	DNR-Rebecca Alexander	
	Newly Identified Industrial Sites	0	Access Database FAC_INSP.mdb	DNR-Rebecca Alexander	
Part III.A.8.b Industrial and High-Risk Runoff — Monitoring for High Risk Industries					
	<b>Provide a summary of the municipal storm water monitoring program for high risk industrial facilities which discharge into the MS4.</b>				
	Not A Reportable Item	0	County Files	DNR-Rebecca Alexander	
Part III.A.9.a Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices					
	<b>New storm water management systems owned or operated by permittee(s) shall adhere to the treatment performance standards set forth in the State Water Policy. Continue to ensure proper storm water management and erosion &amp; sediment controls during construction to reduce pollutants from areas of new development and redevelopment by requiring receipt of an FDEP or South Florida Water Management District permit, on applicable projects, before issuance of a local building, clearing, or grading permit.</b>				
	Not A Reportable Item	0	Lee County Website www.lee- county.com	Lee Co. Development SVC-Pete Eckenrode	Development Order Require SFWMD permit prior to approval by Lee County

Part III.A.9.b Construction Site Runoff — Inspection and Enforcement					
	<i>Implement the inspection program, as described in the SWMP within the Part 2 permit application, at construction sites to maintain compliance with local storm water ordinances and permits.</i>				
	Not A Reportable Item	0	Lee County Website www.lee-county.com	Lee Co. Development SVC-Pete Eckenrode	Inspections ongoing.
	<i>Include verification that construction site(s), subject to the NPDES Storm Water Regulations, within County jurisdictional limits, have a Storm Water Pollution Prevention Plan on site. Maintain a log documenting the inspections conducted.</i>				
	Number of Sites Inspected	408	Access Database ConstInsptData.mdb	DNR-Rebecca Alexander	
	Number of Enforcement Actions Taken	184	Access Database ConstInsptData.mdb	DNR-Rebecca Alexander	
Part III.A.9.c Construction Site Runoff — Site Operator Training					
	<i>Continue to work with the Lee County Soil and Water Conservation District and the South Florida Water Management District, as described in the SWMP within the Part 2 permit application to educate municipal site contractors and inspectors on measures to reduce pollutant loadings from construction sites, awareness of the NPDES program for construction site activities, erosion &amp; sediment control BMPs for construction sites, and construction site enforcement techniques.</i>				
	Number of Classes	2	County Files	DNR-Tony Pellicer	
	Number of Trainees	46	County Files	DNR-Tony Pellicer	

SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable In Year 4)		
A	Permit Citation/ SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY.
	N/A	N/A
B	Permit Citation/ SWMP Element	Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change)
	N/A	N/A



# ATTACHMENT 1 WATER QUALITY MONITORING SUMMARY

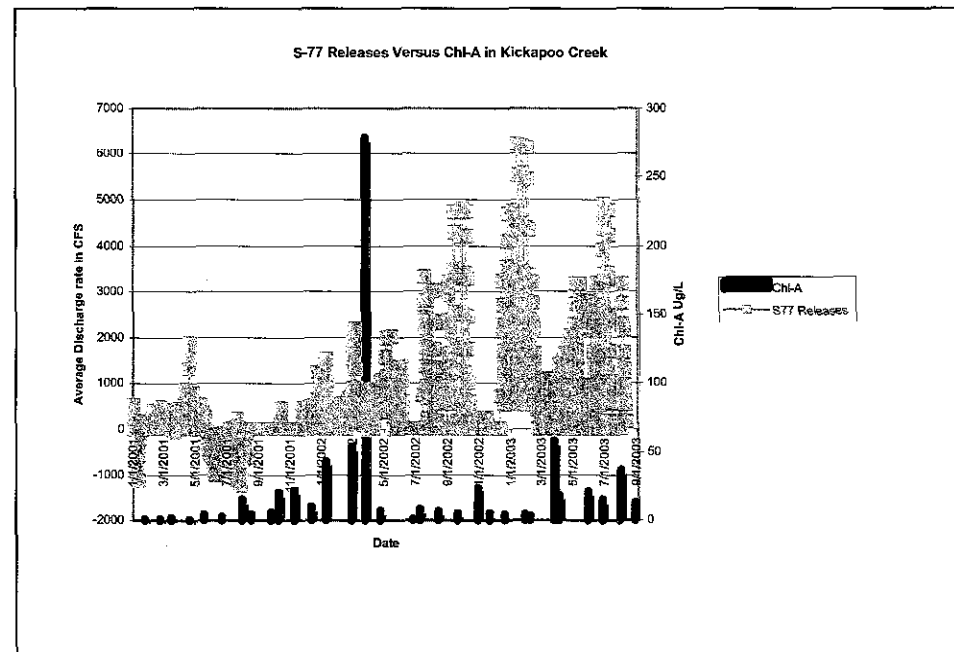
Annual Report Period October 2002 through September 2003

Monitoring of the ambient surface water quality in Lee County began in 1989 with full implementation in 1992. Surfacewater flow is measured using stage and velocity readings at known cross-sections during each monthly grab sampling event. This year two Doppler side-looking flow measurement stations were put into service. Discussions are underway to enhance the flow reading methods to improve future load calculation reliability.

Data collected prior to 1998 has been used by the FDEP in their analysis to determine both the Planning and Final Lists of Impaired Waters. The data evaluated in this report is from January 1999 thru December 2003 (including the permit reporting period, 2002-2003). It was taken from wet season and dry season periods to demonstrate the difference between surface runoff impacts and the influence of base flow conditions. The area assessed included watersheds discharging to the Caloosahatchee River (from the north) and to Estero Bay (from the East). The associated charts are referred to as North County and South County respectively.

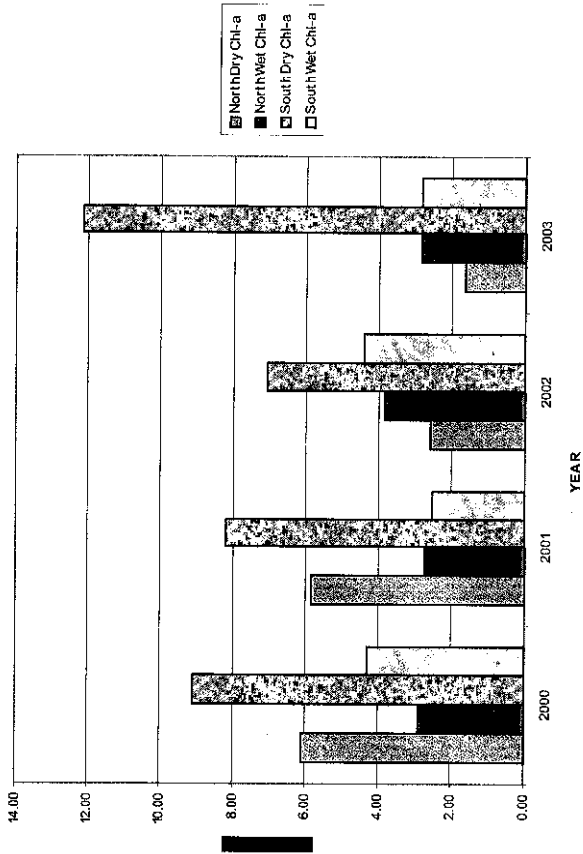
As the wet and dry seasons demonstrate runoff and groundwater conditions, the County is impacted by accelerated growth in the South and seasonal downstream changes due to fresh water releases from Lake Okeechobee in the North. The plots of average wet/dry seasons for both North and South County are far from conclusive and beyond the limited assessment of this summary. However, the Chl-a values continue (as indicated in the IWR) their increasing trend in the South, however the DO average has increased markedly over the previous period of study.

The adjacent plot illustrates the freshwater releases from S-77 from Lake Okeechobee to the Caloosahatchee River and the Chlorophyll-a concentrations from monthly grab samples during the same time frame. There appears to be a correlation between the releases and the algal bloom conditions at the sample site. This type of comparison is possible due to the long-term ambient monitoring program throughout Lee County.

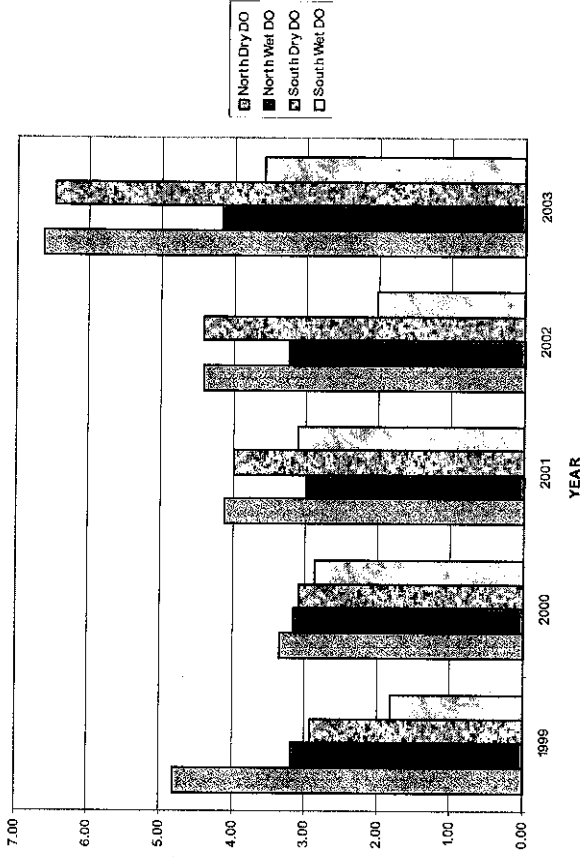


ATTACHMENT I

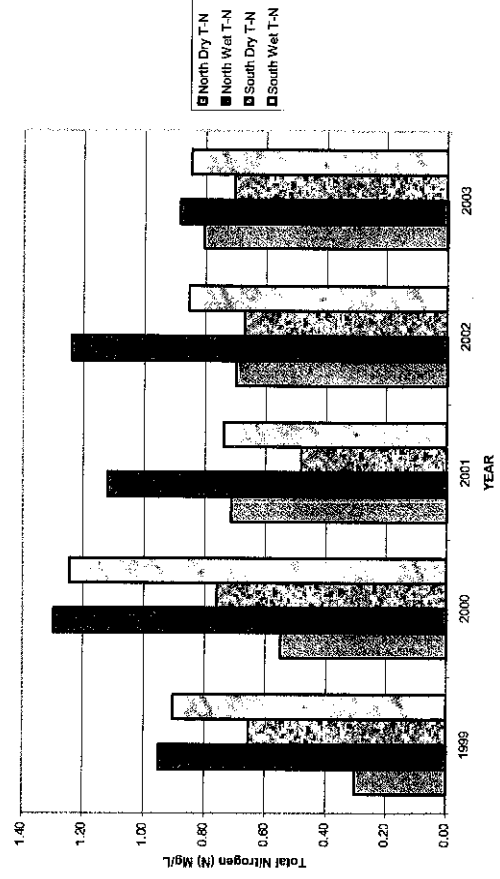
Average Seasonal Chlorophyll-a



Average Seasonal Comparison Dissolved Oxygen



Average Seasonal Total Nitrogen



Average Seasonal Total Phosphorous

