NPDES MUNICIPAL SEPARATE STORM SEWER SYSTEM

ANNUAL REPORT FOR JANUARY 1, 1995 TO DECEMBER 31, 1995

Volume 1

SUBMITTED BY:

SARASOTA COUNTY

AND CO PERMITTEES:

City on the Gulf
Venice, Florida

STATE OF FLORIDA

IN CORP.

FLORIDA
REPORT CERTIFICATION

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 gathered and evaluated the information submitted. Based on 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.

[Signature]
Robert S. LaSala, Deputy County Administrator
Sarasota County, Florida

Date: 6-25-76
EXECUTIVE SUMMARY

As required by the Water Quality Act of 1987, Sarasota County, the Cities of Sarasota, Venice, North Port, Longboat Key, the North Port Water Control District, and the Florida Department of Transportation were issued a National Pollutant Discharge Elimination System (NPDES) Permit (#FLS000004) to operate their Municipal Separate Storm Sewer Systems (MS4s). The effective date of the permit is January 1, 1995. Through an interlocal agreement signed during the Part I application process, the Co-permittees have agreed to independently administer the permit requirements for their respective jurisdictions. The Sarasota County permit is the first permit issued by E.P.A., Region IV, in the southeastern United States. As such, it is expected that it will serve as a model permit for subsequent permits issued in Florida. The permit requires continuation of existing programs and development of new or expanded programs. These programs are designed to reduce the pollutant loading to the MS4 to the maximum extent practicable. Elements contained in a Stormwater Management Program (the Program) will be implemented by the Co-permittees as required during the five-year term of the permit.
This document is the result of the combined efforts of affected County departments to produce the Annual Report for Year One. Separate reports are provided for each jurisdiction (except in cases where an interlocal agreement between the County and City of Sarasota identifies the County as responsible for elements within the City's jurisdiction).

The following sections are an explanation of the various sections within the Annual Report.

SECTION 1 - Contact List

This section contains a listing of contact persons for each of the Co-permittees. The list includes the name of the contact person, their title, the address, phone, and fax numbers of each of the Co-permittee representatives.

SECTION 2 - Plan Evaluation

The plan evaluation section contains an overview of the NPDES objectives and the results achieved in Year One of the permit. Findings, accomplishments, strengths, weaknesses, and the future direction of the program are discussed.
SECTION 3 - Summary Tables of Activities

Summary Tables have been prepared for reporting of permit elements through the term of the permit. The tables identify the Program element, the activities involved to comply with the element, and the time frame for compliance. The Co-permittees have indicated on the tables whether the activities have been completed, what the activities have accomplished, and a description of the activities performed.

SECTION 4 - Summary Narrative

This section contains details of each element and the procedures, policies and activities by which the element was accomplished. Following the element narratives are Element Questionnaires. The questionnaires summarize the objective of each element, activities performed relative to the element, evaluation of element effectiveness including results, deficiencies, status with compliance, strengths and weaknesses, assessment of element controls and any element revisions deemed necessary.
SECTION 5 - Monitoring Program

This section details the progress made with the Co-permittees, State of Florida, and the EPA, Region IV, to revise the original monitoring program proposed in the Part II application to be consistent with the State of Florida's Surface Water Ambient Monitoring Program (SWAMP).

SECTION 6 - Permit Modifications

In this section, modifications made to the permit are discussed. The Co-permittees and EPA, Region IV, both initiated modifications to the original permit during Year One. Modifications made to replace, remove or improve ineffective program elements must be negotiated with the EPA. Changes in monitoring outfalls which have numeric effluent limitation requirements are considered minor modifications to the monitoring program and not a modification to the permit.

SECTION 7 - Fiscal Analysis

For Year One of the permit, this section identifies the funding sources for development and implementation of the required permit elements. Year One and Year Two of the permit are addressed in this section. In subsequent Annual Reports,
this section will compare the budgeted funds to the element requirements.

Results of the comparison will be evaluated to determine needed funding
adjustments based on the element's cost effectiveness. Financial Survey forms are
included which indicate the fiscal requirements of each element for the previous
year, current year, upcoming year, and the funding sources.

APPENDICES - Supporting Documentation

The appendices contain required documentation as specified in the permit. In
addition to the specified documentation, the County has included additional
information which helps to explain, clarify or detail other program activities.
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Contact List for Co-Applicants
Sarasota County

Kirk Bagley, NPDES Coordinator
Sarasota County Trans. Dept.
1301 Cattlemen Road
Sarasota, FL 34233
PH: (941) 378-6030
FAX: (941) 378-6130

City of Venice

Charles T. Rose, P.E.
City Engineer
City of Venice
401 West Venice Avenue
Venice, FL 34285
PH: (941) 485-3311
FAX: (941) 484-8697

City of North Port

Samuel A. Fusco, P.E.
Stormwater Manager
5650 North Port Blvd.
North Port, FL 34287
PH: (941) 423-3166
FAX: (941) 426-2936

Town of Longboat Key

Leonard Smally, P.E.
Director of Public Works
Town of Longboat Key
501 Bay Isles Road
Longboat Key, FL 34228
PH: (941) 383-3721
FAX: (941) 7016

F.D.O.T.

T.W. Hunt, P.G.
Florida Department of Transportation
215 North Floral Avenue
P.O. Box 1249
Bartow, FL 33831-1249
PH: (941) 519-2560
FAX: (941) 534-7045

City of Sarasota

David R. Sollenberger
City Manager
City of Sarasota
P.O. Box 1058
1565 First Street
Sarasota, FL 34236
PH: (941) 954-4102
FAX: (941) 954-4129
SECTION 2

Plan Evaluation
2.1 Objective of NPDES Program

The Program was developed by Sarasota County, the Co-permittees, and the Environmental Protection Agency to identify sources of pollution in local urban stormwater runoff. The goal is to reduce adverse impacts from stormwater runoff to the maximum extent practicable. The objectives of this program will be achieved through education, regulation, inspection, proper maintenance, monitoring, basin master planning and capital improvement projects.

2.2 Major Findings

There are nine primary elements within the Stormwater Management Program. Within each element are numerous activities or tasks which will be performed by the Co-permittees. During Year One of the permit period, Sarasota County continued performing fourteen activities required by the Program. These activities included: inspection and maintenance of structural controls, basin master planning, litter control, street sweeping, routine MS4 maintenance, pesticide education, pesticide application licensing, regulation, hazardous material response, hazardous waste control, illicit sanitary discharge notifications, identification of industrial sources, inspector
training and contractor education. The aforementioned Program activities have always been considered essential and effective in maintaining improved water quality within the Sarasota County area.

2.3 Major Accomplishments

Traditionally, many employees within the County work force did not recognize the potential adverse impacts that their daily work activities might have on water quality. In fact, many did not associate their jobs with stormwater impacts upon the environment. A major accomplishment for Year One of the permit period is the increased awareness gained by the County's work force since implementing our Program. We believe the increased awareness that our employees have gained from implementing the Program has had a significant and positive impact on reducing pollutant loading to the MS4.

In 1995, Sarasota County developed a Capital Improvement Program with assessments to pay for improvements in the designated basins. Previously, user fees were collected to pay for customer services, general services and maintenance services only. The newly implemented Capital Improvement Program assessments are collected and used to construct flood control and
water quality projects identified in adopted County Basin Master Plans.

Capital improvements were initiated in Fiscal Year '95 in eleven basins throughout the County.

2.4 Overall Program Strengths/Weaknesses

The Program's strength is in it's comprehensive approach to controlling stormwater runoff. This control is maintained through education, regulation, inspection, proper maintenance, monitoring, basin master planning, and capital improvements. We are constantly monitoring the various aspects of our program and are receptive to our citizens' comments. We strive to have a consistent and equitable program.

2.5 Future Direction of the Program

The County and Co-permittees will continue to pursue implementation of the activities identified in the Program. Should best professional judgement dictate changing a Program element, the Co-permittees will identify the necessary changes or modification(s) pursuant to Part VII of the Permit and submit a recommendation to the EPA for a modification to the permit.
SECTION 3

Summary Tables - Activities
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<thead>
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<th>REQUIRED BY SWMP</th>
<th>COMPLETED</th>
<th>ACCOMPLISHED</th>
<th>ACTIVITIES PERFORMED &amp; COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Operation and Maintenance of Structural Controls and Storm Water Collection System</td>
<td>Perform inspections and maintenance of structural controls. Maintain an internal record keeping system to track inspections and maintenance activities performed during the permit. Conduct an annual assessment of the effectiveness of inspection and maintenance schedule and provide a summary of the assessment in each ANNUAL REPORT.</td>
<td>Annual Requirement</td>
<td>INSPECTION AND MAINTENANCE SCHEDULE HAS BEEN ESTABLISHED AND MAINTAINED ON A ROUTINE BASIS THROUGHOUT THE YEAR. ACTIVITIES PERFORMED INCLUDE INSPECTION, REPAIR AND/or MAINTENANCE OF STRUCTURES, COMPUTERIZED RECORDKEEPING SYSTEM, AND PROGRAMS INITIATED.</td>
<td>(*) STRUCTURAL CONTROLS HAVE BEEN INSPECTED AND MAINTAINED ON A ROUTINE BASIS THROUGHOUT THE YEAR. ACTIVITIES PERFORMED INCLUDE INSPECTION, REPAIR AND/or MAINTENANCE OF STRUCTURES, COMPUTERIZED RECORDKEEPING SYSTEM, AND PROGRAMS INITIATED.</td>
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<tr>
<td></td>
<td>Identify and inventory each privately-owned and maintained storm water management facility which discharges into the MS4.</td>
<td>Within 12 months of the Effective Date of the Permit (1-1-96)</td>
<td></td>
<td></td>
<td>INVENTORY OF PRIVATE STORMWATER SYSTEMS HAVE BEEN INVENTORY KID AS THOSE SUBDIVISIONS AND COMMERCIAL PARCELS RECEIVING STORMWATER ASSESSMENT CREDITS. INVENTORY IS UP TO DATE AS NEW DEVELOPMENTS ARE CONSTRUCTED, FILES BEING DEVELOPED INCLUDE CONSTRUCTION OR AS-BUILT PLANS AND PERMIT DOCUMENTATION.</td>
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<td></td>
<td>Develop a revolving inspection program for privately-owned and maintained stormwater treatment systems which discharge into the MS4 to determine the compliance with local permit conditions and/or local ordinances. Program developed shall include a description of the enforcement provisions for non-compliance. Following development, include a summary of the inspection program &amp; schedule in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 12 Months of the Effective Date of the Permit (1-1-96)</td>
<td>REVOLVING INSPECTION PROGRAM HAS BEEN ESTABLISHED, TEAM OF QUALIFIED PERSONNEL TO ENSURE SYSTEMS WITH FILTRATION WILL BE INPECTED EVERY 18 MONTHS; OTHER SYSTEMS WILL BE INSPECTED EVERY TWO YEARS. INSPECTION FORMS HAVE BEEN FILED IN SUBDIVISION FILES.</td>
<td></td>
<td>SYSTEMS WITH FILTRATION WILL BE INPECTED EVERY 18 MONTHS; OTHER SYSTEMS WILL BE INPECTED EVERY TWO YEARS. INSPECTION FORMS HAVE BEEN FILED IN SUBDIVISION FILES.</td>
</tr>
<tr>
<td></td>
<td>Implement revolving inspection program for privately-owned and maintained storm water treatment systems which discharge into the MS4.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
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<tr>
<td>3.2</td>
<td>Control of Discharges from Areas of New Development and Significant Redevelopment</td>
<td>Adopt local ordinances storm water quality treatment criteria consistent, but not necessarily similar, to the State of Florida Storm Water Treatment Regulations (F.A.C. 400-4, 400-40, 82-25).</td>
<td>Prior to the end of the Permit Term (12-31-96)</td>
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<td></td>
<td>Complete Florida Water &amp; Pollution Control Operators Association (FW &amp; PCOA) course or equivalent.</td>
<td>5 employee/year</td>
<td>THE REQUIRED FIVE (5) TWO ADDITIONAL EMPLOYEES HAVE ATTENDED THE COURSE.</td>
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**SUMMARY**

*Completed: 3/1/95*

*Established: 4/1/95*
<table>
<thead>
<tr>
<th>PROGRAM ELEMENT</th>
<th>ACTIVITY</th>
<th>REQUIRED BY Date</th>
<th>COMPLETED</th>
<th>ACCOMPLISHED</th>
<th>ACTIVITIES PERFORMED &amp; COMMENTS</th>
</tr>
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<tbody>
<tr>
<td><strong>Control of Discharges from Areas of New Development and Significant Redevelopment (Continued)</strong></td>
<td>Continue on the current schedule to perform master basin studies on the major watersheds identified in Table 1 on page 4A-34 of Appendix A. Develop a course of action for each as they are completed. Include in each ANNUAL REPORT a brief summary of each basin study completed during the permit year and resulting course of action.</td>
<td>Effective Date of the Permit (1-1-95)</td>
<td></td>
<td></td>
<td>BASIN MASTER PLAN PROGRAM HAS BEEN ACCELERATED FOR COMPLETION WITHIN TWO YEARS. ORIGINAL SCHEDULE WAS SEVEN YEARS.</td>
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<td></td>
<td>Evaluate land development practices to reduce the amount of impervious surfaces in future development. After completing the evaluation, include a summary of the resulting course of action in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 36 months of the Effective Date of Permit (1-1-98)</td>
<td>Land Development Regulations Have Been Adopted and Are Regularly Reviewed and Revised. Recent Revisions Include Development of a Subdivision Easement Manual and Plans to Develop a Stormwater Technical Manual.</td>
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<td></td>
<td>Implement appropriate land development practices &amp; incentives for the reduction of impervious surfaces.</td>
<td>As Determined by the Evaluation Prior to the end of the Permit Term (12-31-99)</td>
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<tr>
<td><strong>Operation and Maintenance of Public Streets, Roads, and Highways</strong></td>
<td>Provide a description of the municipally-operated Litter Control Program(s) for highways and streets within jurisdictional area for incorporation into the permit.</td>
<td>Provide in First ANNUAL REPORT (7-1-90)</td>
<td>Litter Control Program is Achieved Through Municipal Streets (Regular Maintenance Crews, Weekend Bimonthly Labor and the &quot;Keep Sarasota Beautiful&quot; Program). For Several Years, the Adopt-a-Road Program Has Benefited from the Adopt-a-Road Program.</td>
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<tr>
<td></td>
<td>Implement Litter Control Programs for highways and streets within jurisdictional area and properly dispose of collected material.</td>
<td>Effective Date of the Permit (1-1-90)</td>
<td>Litter Control Program Is Collected from Municipal Roadways Is Collected By Impounded Debris at the County Landfill, Material Is Managed. Sorted for Recycling Including Trims, Metal, and Hazardous Materials (e.g. Batteries, Etc.)</td>
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<tr>
<td></td>
<td>Implement street sweeping program within jurisdictional area and properly dispose of collected material.</td>
<td>Effective Date of the Permit (1-1-95)</td>
<td>Street Sweeping Programs Have Been Established. Waste Material Generated by the Street Sweeping Program Is Disposed Of at the County Landfill Approximately 5,800 Miles of Roads Are Swept Annually</td>
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<tr>
<td>PROGRAM ELEMENT</td>
<td>ACTIVITY</td>
<td>REQUIRED BY SWMP</td>
<td>COMPLETED</td>
<td>ACCOMPLISHED</td>
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<tr>
<td>Operation and Maintenance of Public Streets, Roads, and Highways (Continued)</td>
<td>Provide the maintenance schedule for storm-water structures (i.e., catch basins) and roadside ditches.</td>
<td>Provide in first ANNUAL REPORT (7-1-96)</td>
<td>YES</td>
<td>MAINTENANCE SCHEDULE PREPARED; TELEPHONE MAINTENANCE SCHEDULE FOR Ponds and drainage canals NOT DEVELOPED; MECHANICALLY DREDGED; DREDGED MATERIALS AND ORIGINAL LANDFILL RETURNED</td>
<td>SEE THE ATTACHED MAINTENANCE SCHEDULE FOR Ponds and drainage canals; TELEPHONE MAINTENANCE SCHEDULE FOR Ponds and drainage canals NOT DEVELOPED; MECHANICALLY DREDGED; DREDGED MATERIALS AND ORIGINAL LANDFILL RETURNED.</td>
</tr>
<tr>
<td>Perform scheduled maintenance on catch basins, grate/gutter, and other storm-water structures and roadside ditches and properly dispose of accumulated sediments. Maintain an internal log documenting maintenance activities.</td>
<td>Effective Date of the Permit (1-1-95)</td>
<td>YES</td>
<td>EXTENT POSSIBLE</td>
<td>DITCH/CRITICAL DRAINAGE STRUCTURES MAINTAINED</td>
<td>DITCH/CRITICAL DRAINAGE STRUCTURES MAINTAINED.</td>
</tr>
<tr>
<td>As described in Part II.b.1. on page 7 of the permit, develop practices to reduce the MPD and shall not cause or contribute to violations of State water quality standards of the receiving stream regarding the pollutants from road repair and from all municipal equipment yards &amp; maintenance shops. After development, include a summary of the practices in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 12 months of the Effective Date of the Permit (1-1-96)</td>
<td>YES</td>
<td>PRACTICES HAVE BEEN DEVELOPED AND IMPLEMENTED</td>
<td>SEE THE ATTACHED SABARASOTA COUNTY TRANSFIGURATION DEPARTMENT BEST MANAGEMENT PRACTICE REQUIREMENTS</td>
<td>PRACTICES HAVE BEEN DEVELOPED AND IMPLEMENTED.</td>
</tr>
<tr>
<td>Implement developed practices to reduce to the MPD pollutants from road repair.</td>
<td>Within 24 months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
<td>BEST MANAGEMENT PRACTICES HAVE BEEN ADOPTED AND IMPLEMENTED</td>
<td>SEE THE ATTACHED SABARASOTA COUNTY TRANSFIGURATION DEPARTMENT BEST MANAGEMENT PRACTICE REQUIREMENTS</td>
<td>PRACTICES HAVE BEEN DEVELOPED AND IMPLEMENTED.</td>
</tr>
<tr>
<td>3.4 Ensure Flood Control Projects. Comply With State Storm Water Quality Requirements</td>
<td>Develop a priority list and construction schedule for the retrofit projects recommended by the master basin studies completed to date. Include a copy of the prioritized projects list and construction schedule in the ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 12 months of the Effective Date of the Permit (1-1-96)</td>
<td>YES</td>
<td>WATER IMPROVEMENTS BE ACCELERATED</td>
<td>SEE THE ATTACHED SCHEDULE FOR STORM MASTER PLAN PROGRAM HAS BEEN ACCELERATED; PRIORITY IMPROVEMENTS ALREADY COMPLETED</td>
</tr>
<tr>
<td>Identification, Monitoring, and Control of Discharges from Municipal Waste Treatment, Storage, or Disposal Facilities not covered by NPDES Storm Water Permit</td>
<td>Develop program to evaluate, through inspections and monitoring, the municipally-operated solid waste transfer station, maintenance and storage yards for waste transportation fleets, POTW's, and compost application and/or disposal sites. The goals of the evaluation program shall: be to identify those facilities, determine the necessary control measures &amp; procedures to be employed at each, and administer an appropriate implementation schedule, Submit a program summary in subsequent ANNUAL REPORT.</td>
<td>Within 30 months of the Effective Date of the Permit (7-1-97)</td>
<td>NO</td>
<td></td>
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</tr>
<tr>
<td>Implement developed program to reduce pollutants to storm water discharges to the MPD and shall not cause or contribute to violations of State water quality standards of the receiving stream from these facilities.</td>
<td>Within 26 months of the Effective Date of the Permit (1-1-98)</td>
<td>NO</td>
<td></td>
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</tbody>
</table>
### PROGRAM ELEMENT

**Control of Pollutants Related to Application of Pesticides, Herbicides, and Fertilizers**

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>REQUIRED BY SWMP</th>
<th>COMPLETED</th>
<th>ACCOMPLISHED</th>
<th>ACTIVITIES PERFORMED &amp; COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the details, for incorporation into the permit, of the specific public education program designed to encourage the public to reduce their use of pesticides, herbicides and fertilizers.</td>
<td>PROVIDE ANNUAL REPORT (1-1-96)</td>
<td>PUBLIC EDUCATION</td>
<td>ENROLLED 640 CITIZENS IN FLORIDA YARDS AND NEIGHBORHOODS PROGRAM. 25 PUBLIC PRESENTATIONS DEVELOPED AND IMPLEMENTED. IN PUBLIC SCHOOL SYSTEM CONTACTED LANDSCAPE CONTRACTORS TO PARTICIPATE IN THE FLORIDA YARDS PROGRAM. CERTIFIED 47 CARD.</td>
<td></td>
</tr>
<tr>
<td>Implement the public education program.</td>
<td>EFFECTIVE DATE OF THE PERMIT (1-1-98)</td>
<td>YES</td>
<td>FUMIGATED HOUSE LEARNING CENTER. OUTREACH PROGRAM IN PUBLISHED 16 NEWSPAPER ARTICLES. ADVISED 15 CONDO ASSOCIATIONS. ESCAPES AS MODEL YARDS. PUBLISHED 15 PAGES.</td>
<td></td>
</tr>
<tr>
<td>Evaluate current training requirements &amp; certification procedures for employees who handle pesticides, herbicides and fertilizers.</td>
<td>WITHIN 24 MONTHS OF THE EFFECTIVE DATE OF THE PERMIT (1-1-97)</td>
<td>ONGOING EVALUATION</td>
<td>POLICY REQUIRES ALL APPLICANTS TO OBTAIN STATE CERTIFICATION WITH SIX MONTHS OF HIRE REQUIREMENT FOR CERTIFICATION TO BE MAINTAINED BY ACQUIRING 15 HOURS OF IN-SERVICE TRAINING.</td>
<td></td>
</tr>
<tr>
<td>After completing the evaluation, include a summary of the results in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td></td>
<td>YES</td>
<td>EMPLOYEES USING PESTICIDES AND HERBICIDES RECEIVED TRAINING IN 1995.</td>
<td></td>
</tr>
<tr>
<td>Implement any revised procedures for the training and certification of these employees</td>
<td>AS NEEDED WITHIN 36 MONTHS OF THE EFFECTIVE DATE OF THE PERMIT (1-1-99)</td>
<td>AS ABOVE</td>
<td>RECENT REVISED INCLUDE MONTHLY CALIBRATION OF SPRAY EQUIPMENT AND OTHER TECHNICAL SKILLS FOR ON TRAINING ACTIVITIES.</td>
<td></td>
</tr>
<tr>
<td>Require evidence of proper certification and licensing for all applications contractors to apply pesticides, herbicides, and fertilizers on municipal and PDDT property.</td>
<td>EFFECTIVE DATE OF THE PERMIT (1-1-99)</td>
<td>SEE ATTACHED DEED</td>
<td>CONTRACTORS ARE REQUIRED TO BE STATE CERTIFIED OF LAKE MAINTENANCE AGREEMENT IS USED IN APPLICATION OF HERBICIDES. CONTRACTS ARE GRANTED IN HERBICIDE USE. CONTRACTS SPECIFY ACCEPTABLE HERBICIDES TO BE USED ON MUNICIPAL PROPERTIES.</td>
<td></td>
</tr>
<tr>
<td>Develop a program with procedures to minimize the use of pesticides, herbicides, and fertilizers and to properly store and mix these products. The program developed should also consider including components such as providing horticulture planning assistance and promoting voluntary use of native Florida plantings and slow-release fertilizers.</td>
<td></td>
<td>SEE ATTACHED ADMINISTRATIVE DIRECTIONS</td>
<td>F.O.M. PROGRAM MUST USE THE LEAST TOXIC APPLICABLE HERBICIDES AND FERTILIZERS. STORAGE USE AND MOVING OF THESE COMPOUNDS ARE INCLUDED IN THE DIRECTIVE. MATERIALS IS ALSO ADDRESSED IN THE DIRECTIVE. SLOW RELEASE FERTILIZERS ARE ENCOURAGED IN THE FLORIDA YARDS.</td>
<td></td>
</tr>
<tr>
<td>After development, include a summary of the procedures in the subsequent ANNUAL REPORT.</td>
<td></td>
<td>YES</td>
<td>INTEGRATED PEST MANAGEMENT ADMINISTRATIVE DIRECTIVE HAS BEEN ACCEPTED.</td>
<td></td>
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<td>Implement procedures to minimize the use of pesticides, herbicides, and fertilizers and to properly store and mix these products.</td>
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<td>PROGRAM ELEMENT</td>
<td>ACTIVITY</td>
<td>REQUIRED BY SWMP</td>
<td>COMPLETED</td>
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<tr>
<td>3.7 Illicit Discharges and Improper Disposal</td>
<td>a.1 Inspections, ordinances, and enforcement measures</td>
<td>Complete the assessment of non-storm water discharges allowed to be discharged to the MS4 as detailed on page 9 of the permit. After completing the assessment, include a summary of the results in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 18 Months of the Effective Date of the Permit (7-1-98)</td>
<td>NO</td>
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<td>Develop an inspection program to enforce ordinances which prohibit illicit connections and illegal dumping into the MS4. After development, include a summary of the inspection program in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 20 Months of the Effective Date of the Permit (7-1-97)</td>
<td>NO</td>
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<td>Implement an expansion program to enforce ordinances which prohibit illicit connections an illegal dumping into the MS4. Maintain an internal log documenting inspections and enforcement actions performed and provide a summary of those reports in each ANNUAL REPORT.</td>
<td>Within 35 Months of the Effective Date of the Permit (7-1-98)</td>
<td>NO</td>
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<td></td>
<td>Provide photocopies of signed adopted stormwater ordinances as identified in Table II.A.7.a.(2) on page 10 of the permit.</td>
<td>Provide in First ANNUAL REPORT (7-1-96)</td>
<td>EXISTING ORDINANCES ORDINANCE # 72-37 THE AIR AND WATER POLLUTION CODE HAS BEEN AMENDED BY AND AMENDED TO ORDINANCE # 33-038 THE WATER POLLUTION WATER QUALITY CODES TO BETTER ADDRESS WATER POLLUTION</td>
<td>YES</td>
</tr>
<tr>
<td>4. Illicit Discharges and Improper Disposal</td>
<td>b.2 Field Screening</td>
<td>Conduct field screening of the MS4 for illicit discharges and improper disposal as shown in Table II.A.7.b. on page 12 of this permit. Collect inventory information on outfalls and on portions of MS4 not mapped and update database system on an ongoing basis. Maintain an internal log documenting the results of all field screening performed.</td>
<td>At least 1/3 of Grid Areas Screened in Permit Years Three, Four and Five with Entire MS4 Screened Once / 5 years</td>
<td>NO</td>
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<td>c.1 Investigation of Suspected Illicit and/or Improper Disposal</td>
<td>Develop standard investigative procedures to identify and terminate the source(s) of illicit connections or discharges to the MS4. After development, include a summary of the investigative procedures in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
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<td></td>
<td>Implement standard investigative procedures to identify and terminate the sources of illicit connections or discharges into the MS4.</td>
<td>Within 30 Months of the Effective Date of the Permit (7-1-97)</td>
<td>NO</td>
<td></td>
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<tr>
<td>PROGRAM ELEMENT</td>
<td>ACTIVITY</td>
<td>PROJECTED BY STAFF</td>
<td>COMPLETED</td>
<td>ACCOMPLISHED</td>
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<tr>
<td>Illicit Discharges and Improper Disposal</td>
<td>Provide a copy of the applicable portions of Sarasota County’s Hazardous Materials Emergency Plan and FDOT’s Emergency Operations Procedures which effectively mitigate pollutant discharge to surface waters.</td>
<td>Provided in first Annual Report (7-1-96)</td>
<td>SEE ATTACHED COPY OF SARASOTA COUNTY HAZARDOUS MATERIALS EMERGENCY PLAN</td>
<td>YES</td>
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<td>(contd)</td>
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<td>e.3 Public Notification</td>
<td>Develop a program to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials into the MS4. After development, include a summary of the program in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 30 Months of the Effective Date of the Permit (7-1-97)</td>
<td>DEVELOPMENT OF A PUBLIC-AWARENESS PROGRAM IS SUBSEQUENT TO FILING THE E.I.A. IN F.Y. '95 AND OBTAINING FUNDING FOR A SECRETARY IN F.Y. '97</td>
<td>NO</td>
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<tr>
<td></td>
<td>Implement public reporting program</td>
<td>Within 36 Months of the Effective Date of the Permit (1-1-98)</td>
<td>138 REPORTS RECEIVED: IMPLEMENTATION OF A PUBLIC AWARENESS PROGRAM</td>
<td>YES</td>
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<tr>
<td></td>
<td>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</td>
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<tr>
<td>t.3 Oils, Toxics, and Household Hazardous Waste Control</td>
<td>Support and promote on a regular basis the six (6) oil recycling stations within Sarasota County and the two (2) permanent collection centers for household hazardous waste materials.</td>
<td>Effective date of Permit (1-1-98)</td>
<td>27,004 GALLONS OF USED OIL WAS COLLECTED</td>
<td>YES</td>
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<td></td>
<td>Continue Amnesty Days Program</td>
<td>Document the total annual amount of household hazardous waste materials collected.</td>
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<td></td>
<td>Active promote and support a voluntary stenciling program for all storm sewer inlets which discharge directly or indirectly into surface waters</td>
<td>Within 12 Months of the Effective Date of the Permit (1-1-99)</td>
<td>200 STORM SEWER STENCILING PROGRAM IS PROMOTED BY SARSOTA COUNTY TRANSPORTATION DEPARTMENT STENCILING IS PERFORMED BY VOLUNTEER GROUPS (E.G., BOY SCOUTS, NEIGHBORHOOD ASSOCIATIONS, ETC.)</td>
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<td>q.3 Limitation of Sanitary Sewer Seepage</td>
<td>Develop procedures to limit the infiltration of sanitary sewage into the MS4 in areas where wastewater infiltration is suspected.</td>
<td>Within 30 Months of the Effective Date of the Permit (7-1-97)</td>
<td></td>
<td>NO</td>
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<td>After development, include a summary of the procedures in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
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<td>YES</td>
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<td></td>
<td>Implement and develop procedures to limit the infiltration of sanitary sewage into the MS4.</td>
<td>Within 30 Months of the Effective Date of the Permit (1-1-98)</td>
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SARASOTA COUNTY
SUMMARY TABLE
STORM WATER MANAGEMENT PROGRAM

SIMULAN
6/1998

3-6
<table>
<thead>
<tr>
<th>PROGRAM ELEMENT</th>
<th>ACTIVITY</th>
<th>REQUIRED BY SWWR</th>
<th>COMPLETED</th>
<th>ACCOMPLISHED</th>
<th>ACTIVITIES PERFORMED &amp; COMMENTS</th>
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<tr>
<td>Sewer Effluent Discharges and Improper Disposal</td>
<td>g.1. Limitation of Sanitary Sewer Seepage (continued)</td>
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<td>Advise appropriate utility owner of violation if constituents common to wastewater contamination are discovered in the MS4 during dry weather field screening.</td>
<td>Effective Date of the Permit (1-1-96)</td>
<td></td>
<td>YES</td>
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<td></td>
<td>Identify areas served by septic tanks. Advise appropriate State Agency of violation if constituents common to wastewater contaminants due to malfunctioning septic tank systems are discovered in the MS4 during dry weather field screening.</td>
<td>Within 12 Months of the Effective Date of the Permit (1-1-96)</td>
<td></td>
<td>MAY BE TAKEN. AREAS IN THE COUNTY SERVED BY SEPTIC SYSTEMS HAVE BEEN IDENTIFIED. SEPTIC SYS</td>
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<td>NO</td>
<td>TO SARAOCITA COUNTY TEN DISCHARGES ARE INVESTIGATED AND REPORTED</td>
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<td>ENVIRONMENTAL HEALTH UNIT TO COUNTY ENVIRONMENTAL HEALTH UNIT</td>
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<td>Industrial and High Risk Runoff</td>
<td>a.1. Identification of Priorities and Procedures for Inspections</td>
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<td>Develop an inventory of all existing high risk facilities discharging into the MS4. This inventory shall identify the outfall and surface waterbodies into which each high risk facility drains.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td></td>
<td>NO</td>
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<td></td>
<td></td>
<td>Based upon historical information and available monitoring &amp; screening data, prioritize the identified high risk facilities.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
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<td>NO</td>
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<td>Develop procedures for inspecting high risk facilities and establish an inspection schedule.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
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<td>NO</td>
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<td>After development, include a summary of the procedures &amp; inspection schedule in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
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<td>NO</td>
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<td>High inspections of identified high risk facilities. Maintain an internal log documenting the results of the inspections performed.</td>
<td>Within 28 Months of the Effective Date of the Permit (1-1-98)</td>
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<td>NO</td>
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<td></td>
<td></td>
<td>Maintain a list of all industrial stormwater sources discharging to MS4 &amp; update in ANNUAL REPORTS.</td>
<td>Effective Date of the Permit (1-1-98)</td>
<td></td>
<td>SARASOTA COUNTY FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION MAINTAINS AN INVENTORY OF ALL HIGH-RISK INDUSTRIAL FACILITIES</td>
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<td>b.1. Monitoring for High Risk Industries</td>
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<td>Develop a monitoring program for high risk industrial facilities. Include a description of the specific enforcement steps to be taken to require compliance with local stormwater ordinances if violations are identified.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td></td>
<td>DEVELOPMENT OF A MONITORING PROGRAM FOR HIGH-RISK INDUSTRIAL FACILITIES IS SUBSEQUENT TO FILING THE E.S. III POSITION IN F.Y. ’96 AND OBTAINING FUNDING FOR A SECRETARIAL POSITION IN F.Y. ’97</td>
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<td>After development, include a summary of the monitoring program in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
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<td>NO</td>
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<td></td>
<td>Implement the monitoring program for high risk industrial facilities</td>
<td>Within 36 months of the Effective Date of Permit (1-1-98)</td>
<td></td>
<td>IMPLEMENTATION OF MONITORING PROGRAM FOR HIGH-RISK INDUSTRIAL FACILITIES IS SUBSEQUENT TO OBTAINING FUNDING FOR E.S. III POSITION IN F.Y. ’98</td>
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SARASOTA COUNTY 4/10/95

SHR 815

3-7
### Storm Water Management Program

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<tr>
<th>PROGRAM ELEMENT</th>
<th>ACTIVITY</th>
<th>REQUIRED BY</th>
<th>COMPLETED</th>
<th>ACCOMPLISHED</th>
<th>ACTIVITIES PERFORMED &amp; COMMENTS</th>
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<tr>
<td><strong>3.9 Construction Site Runoff</strong></td>
<td><strong>a.1 Site Planning &amp; Structural and Non-Structural Controls</strong></td>
<td>Review erosion and sediment control requirements to determine modifications necessary to correlate with SWFWMD’s requirements and EPA’s NPDES Construction Activity General Permit.</td>
<td>Within 12 Months of the Effective Date of the Permit (1-1-98)</td>
<td>SARBASSA COUNTY</td>
<td><strong>L. D. R, ADDRESSES RUNOFF FROM CONSTRUCTION</strong></td>
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<td></td>
<td></td>
<td>Summarizes the necessary modifications in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td></td>
<td>LAND DEVELOPMENT</td>
<td><strong>SITE AND PROHIBITS VIOLATION OF STATE WATER REGULATIONS ARE STANDARDS. BEST MANAGEMENT PRACTICES ARE EVALUATED EVERY TWO YEARS AND UPDATED. PLANS ARE IN PLACE TO DEVELOP A STORMWATER AS NECESSARY TO COMPLY WITH STATE/FEDERAL SPECIFICALLY ADDRESS DETAILS OF STORMWATER STANDARDS. RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td></td>
<td>Incorporate necessary modifications to the erosion and sediment control requirements.</td>
<td>Within 36 Months of the Effective Date of the Permit (1-1-98)</td>
<td>NO</td>
<td><strong>TECHNICAL MANUAL ADDENDUM TO THE LRD TO SPECIFICALLY ADDRESS DETAILS OF STORMWATER RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td></td>
<td>In land development regulations, incorporate guidelines and recommendations for reducing the amount of sediment leaving construction sites</td>
<td>Within 36 Months of the Effective Date of the Permit (1-1-98)</td>
<td>NO</td>
<td><strong>TECHNICAL MANUAL ADDENDUM TO THE LRD TO SPECIFICALLY ADDRESS DETAILS OF STORMWATER RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td><strong>b.3 Inspection and Enforcement</strong></td>
<td>Track construction projects required to install erosion and sediment controls. Document the installation, maintenance, and effectiveness of the controls. Integrate these records with the education program for training the site contractors.</td>
<td>Within 18 Months of the Effective Date of the Permit (7-1-96)</td>
<td>NO</td>
<td><strong>TECHNICAL MANUAL ADDENDUM TO THE LRD TO SPECIFICALLY ADDRESS DETAILS OF STORMWATER RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td>Review existing inspection policies and code enforcement programs to identify all agencies conducting site inspections and then to determine which agency is responsible for issuing enforcement actions for which code violations</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
<td><strong>TECHNICAL MANUAL ADDENDUM TO THE LRD TO SPECIFICALLY ADDRESS DETAILS OF STORMWATER RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td>Summarize results and include in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
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<td><strong>TECHNICAL MANUAL ADDENDUM TO THE LRD TO SPECIFICALLY ADDRESS DETAILS OF STORMWATER RUNOFF FROM CONSTRUCTION SITES.</strong></td>
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<td></td>
<td>Train inspectors (regardless of specialty) who are likely to be on-site during earth moving activities in erosion control techniques.</td>
<td>1 Inspector / Year</td>
<td>ONE INSPECTOR HAS ONE INSPECTOR FROM THE TRANSPORTATION DEPARTMENT. <strong>INSPECTORS TRAINING IN EROSION AND SEDIMENT CONTROL PRACTICES IS TO EROSION AND SEDIMENT CONTROL COURSE SPONSORED BY THE INTERNATIONAL EROSION CONTROL ASSOCIATION.</strong></td>
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<td>Implement the use of an erosion &amp; sediment control checklist for all inspectors. Include verification that construction sites subject to the NPDES Stormwater Regulations have NPDES permit coverage and a Stormwater Pollution Prevention Plan on site.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>YES</td>
<td><strong>INSPECTORS TRAINING IN DEPARTMENT’S BUDGET PROGRAM MANAGEMENT EROSION AND SEDIMENT DIVISION HAS AttENDED THE PRACTICAL APPROACH TO EROSION AND SEDIMENT CONTROL COURSE SPONSORED BY THE INTERNATIONAL EROSION CONTROL ASSOCIATION.</strong></td>
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<td></td>
<td>Include developed checklist in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td></td>
<td>NO</td>
<td><strong>INSPECTORS TRAINING IN DEPARTMENT’S BUDGET PROGRAM MANAGEMENT EROSION AND SEDIMENT DIVISION HAS AttENDED THE PRACTICAL APPROACH TO EROSION AND SEDIMENT CONTROL COURSE SPONSORED BY THE INTERNATIONAL EROSION CONTROL ASSOCIATION.</strong></td>
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<td>Develop a program to inspect construction projects for compliance with local stormwater ordinances and/or local permits.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
<td><strong>INSPECTORS TRAINING IN DEPARTMENT’S BUDGET PROGRAM MANAGEMENT EROSION AND SEDIMENT DIVISION HAS AttENDED THE PRACTICAL APPROACH TO EROSION AND SEDIMENT CONTROL COURSE SPONSORED BY THE INTERNATIONAL EROSION CONTROL ASSOCIATION.</strong></td>
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<td></td>
<td>Implement program developed to inspect construction projects for compliance with local stormwater ordinances and/or local permits.</td>
<td>Within 36 Months of the Effective Date of the Permit (1-1-98)</td>
<td>NO</td>
<td><strong>INSPECTORS TRAINING IN DEPARTMENT’S BUDGET PROGRAM MANAGEMENT EROSION AND SEDIMENT DIVISION HAS AttENDED THE PRACTICAL APPROACH TO EROSION AND SEDIMENT CONTROL COURSE SPONSORED BY THE INTERNATIONAL EROSION CONTROL ASSOCIATION.</strong></td>
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<tr>
<td>PROGRAM ELEMENT</td>
<td>ACTIVITY</td>
<td>REQUIRED BY SWMP</td>
<td>COMPLETED</td>
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<td>Construction Site Runoff</td>
<td>Implement an annual NPDSS workshop for design professionals, land developers, inspectors and contractors, including earth moving contractors. Topics to include are measures to reduce pollutants from sites, awareness of the NPDSS program requirements for construction activities, and solutions to erosion and sediment problems commonly found by the inspectors during construction.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
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<tr>
<td>c. J Site Operator Training</td>
<td>Evaluate the feasibility of an erosion &amp; sediment control certification program for construction site operators (contractors and developers) plan reviewers, and inspectors that work on sites that discharge to MS4 Open conclusion of the evaluation, include a summary of the findings in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 30 Months of the Effective Date of the Permit (7-1-97)</td>
<td>NO</td>
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<tr>
<td>If certification program is deemed feasible, implement program for construction site operators, plan reviewers, and inspectors</td>
<td>If deemed feasible - Within 30 Months of the Effective Date of the Permit (1-1-98)</td>
<td>NO</td>
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<tr>
<td>Develop a procedure to notify building permit applicants in developments which, because of the amount of land area disturbed, are subject to the NPDSS stormwater regulations of their application responsibilities under the NPDSS permitting program for construction site runoff. After development, include a summary of procedures in the subsequent ANNUAL REPORT for incorporation into the permit.</td>
<td>Within 24 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
<td></td>
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<tr>
<td>Implement developed procedures to notify building permit applicants in developments which, because of amount of land area disturbed, are subject to the NPDSS stormwater regulations of their application responsibilities under the NPDSS permitting program for construction site runoff.</td>
<td>Within 20 Months of the Effective Date of the Permit (1-1-97)</td>
<td>NO</td>
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<tr>
<td>Conduct presentations to local professional organizations which are associated with the construction industry to discuss proper construction site management for water quality</td>
<td>Ongoing</td>
<td>NO</td>
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</table>
SECTION 4

Narrative Report - Activities, Planning, Program Development, Pilot Studies
4.1 Maintenance of Structural Controls

Retention / Detention Ponds - Sixty-eight County maintained retention and detention ponds are inspected and mowed monthly. Debris is removed from the site and disposed of properly. Underdrain systems are inspected for adequate flow and are flushed to restore proper capacity. Skimmer plates are inspected on outlet control structures as well as weir crest, orifice, grating, and other appurtenances of the structure. Side slopes are inspected for erosion and adequate vegetative cover. Berms are maintained at design elevation. Herbicide application is performed as needed to control noxious aquatic plants. Littoral shelves and mitigation plantings are monitored to ensure required survivorship and coverage. Accumulated sediments within ditches, pipes, and other conveyances are excavated and disposed of at the landfill when the accumulation reduces the cross-sectional area by 1/3 or causes a constriction around an inlet or outlet structure.

Privately owned and maintained retention/detention ponds are inspected every eighteen (18) to twenty-four (24) months depending on the design of the pond. Ponds which use exfiltration are inspected every eighteen (18) months. Ponds which use wet detention are inspected every twenty-four (24) months. An inspection report form is completed for each pond inspected and kept in a
subdivision file. A copy of the inspection form is included as Appendix A. Pond owners are notified of deficiencies and are given ninety (90) days to bring the system into compliance. Failure to comply results in revocation of any stormwater utility assessment credits the associated properties are receiving.

**Weirs/Flow Control Devices** - Weirs and flow control devices located within County maintained drainage ways are inspected every three (3) months. Items of interest during inspection are erosion, sediment/debris accumulation, bleed down devices, underdrain systems, and general condition of the structure. Deficiencies and maintenance needs are reported to the appropriate maintenance entity. One such weir, located on the Denham Branch canal in the Matheny Creek Basin, is scheduled for replacement in 1996 due to undermining and resultant failure of the structure.

**Channels** - Approximately 300 miles of channels and ditches are maintained annually. This maintenance includes debris, litter and vegetation removal, herbicide application for noxious plants, excavation of accumulated sediments (to return the channel to the original cross section), and repair of
eroded areas including vegetating and stabilizing the repaired areas. Access ways and slopes are mowed four (4) times per year by contract.

A maintenance schedule has been developed in which all maintained channels are cleaned at regular intervals based on certain characteristics of a given channel. The schedule establishes annual cleaning for channels in flood prone areas, bi-annual cleaning for major arterial channels, and a three (3) year frequency for major outfall canals. Roadside ditches are maintained on an as-needed basis or in response to public requests.

Privately Owned/Maintained Stormwater Systems - An inventory of all residential subdivisions and commercial parcels receiving credits toward their stormwater management assessments has been developed. These subdivisions and parcels are served by various types of stormwater treatment systems and are credited for operating and maintaining the systems properly. Inspection of these systems is performed by the Stormwater Environmental Utility (S.E.U.). These inspections consist of on-site visits to the site and focus on the structural integrity of the system. Features such as outfall control structures, sediment sumps, slope erosion, underdrain/filtration systems, and sediment accumulation are inspected and compared to the
construction plans or record drawings. The S.E.U. is in the process of collecting and filing construction plans and record drawings of the treatment systems for reference during inspections.

Inspections for wet detention systems are performed every two years, while those systems utilizing underdrain or other filtration methods are inspected every eighteen months.

Systems passing inspection continue to receive the assigned assessment credit. Owners of systems with deficiencies noted during inspection are notified to the deficiencies and given ninety (90) days to bring the facility into compliance with the design. In order for a failed system to re-qualify for credits, certification from a registered professional engineer must be submitted demonstrating that the system again operates as designed.

**Florida Water and Pollution Control Operators Association Certification**

Five (5) County employees have successfully completed the FW&PCOA course at "B" and "C" levels. Additionally, two (2) employees attended the review of the Florida Stormwater, Erosion and Sedimentation Control Inspector's Manual and curriculum sponsored by the Florida Department of
Environmental Protection. One (1) employee attended the "Urban Watershed Management" seminar sponsored by the American Society of Civil Engineers.

4.2 Development Planning Procedures

Local Stormwater Quality Ordinances - Sarasota County has enacted Ordinance No. 72-37 as the Air and Water Pollution Control Code. A copy of this ordinance has been included as Appendix B. This ordinance was amended by Ordinance No. 93-038 to incorporate adequate legal authority to control discharges to the MS4 as required by the NPDES regulations. A copy of this ordinance has been included as Appendix C.

Basin Master Planning - Basin Master Plans are in-depth studies of the individual drainage basins. Service levels are used as criterion for project planning. The scope of each Basin Master Plan includes determining basin boundaries, evaluation of the existing conveyance system, alternative solutions to upgrading levels of service, water quality, hydraulic and hydrologic analysis, and recommended maintenance schedules. The City of Sarasota participates in Basin Master Planning Program and contributes input regarding courses of action relative to drainage basins located within the City limits.
Details of completed Basin Master Plans, including the scope of work and recommended courses of action, have been incorporated into this report as Appendix D. Subsequent Annual Reports will provide details of Master Plans as the studies are completed and adopted by the Sarasota Board of County Commissioners.

To date, seven (7) basins studies have been completed. Six (6) basins are currently being studied and six (6) are scheduled for study within the next year. Seven (7) basins and the Coastal Basins are not yet scheduled for master planning.

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<thead>
<tr>
<th>STUDIES COMPLETED</th>
<th>CURRENT STUDIES</th>
<th>SCHEDULED</th>
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<tbody>
<tr>
<td>Phillippi Creek</td>
<td>Gottfried Creek</td>
<td>Hatchett Creek</td>
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<tr>
<td>Alligator Creek</td>
<td>Forked Creek</td>
<td>Woodmere Canal</td>
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<td>Matheny Creek</td>
<td>Whitaker Bayou</td>
<td>Holiday Bayou</td>
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<td>Elligraw Bayou</td>
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<td>Hudson Bayou</td>
<td>South Creek</td>
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<td>Cow Pen Slough</td>
<td>Ainger Creek</td>
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<td>Catfish Creek</td>
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4.3 Roadway Maintenance / Equipment Yards / Maintenance Shops

Litter control of County maintained streets and highways is achieved through municipal employees, jail inmates, and volunteer groups (Adopt-A-Highway and
Keep Sarasota Beautiful programs). These programs have been in place for a number of years and are successful in reducing the amount of roadside debris and trash accumulating in the stormwater system. Along Bee Ridge Road and Iona Road, on the route to the entrance to the County landfill, the Adopt-a-Highway program is enhanced by the Stormwater Pollution Prevention Plan required by the N.P.D.E.S. industrial permit held by Sarasota County Landfill. Landfill workers regularly remove litter and debris from public roads in the immediate area of the landfill and within the landfill itself to further control a great source of litter and debris. Material collected by litter control crews is appropriately recycled to the greatest possible extent. The non-recyclable material is disposed at the landfill.

Sarasota County's Street Sweeping Program has been in place since 1992. The County utilizes two (2) street sweeping machines in the program. A street sweeping schedule has been established to ensure designated County arterials are swept on a regular basis.

Frequency for sweeping streets is based upon surrounding areas and the amount of dirt and sand that accumulates between sweepings. Material that is collected during sweeping operations is disposed at the landfill.
A schedule for maintenance of the stormwater structures, including canal and roadside ditch cleaning, brush removal, mowing, and herbicide application, has been established and is included as Appendix D. Also included in the schedule is the maintenance frequency for retention/detention ponds and other County maintained lakes. Catch basins and grates are cleaned on an as-needed and/or storm event basis. A certain amount of maintenance performed is generated by public complaints or work requests. This "unscheduled" but necessary maintenance work has a tendency to disrupt the established schedule.

Reduction of pollutants from roadway maintenance is achieved through the use of Best Management Practices (BMPs). The Sarasota County Transportation Department Best Management Practices Manual identifies these BMPs and includes procedural instructions for compliance. The Manual is included in this report as Appendix F, and this manual documents the practices currently in use by Sarasota County.

County equipment yards and maintenance shops of all sizes have initiated procedures to reduce the introduction of pollutants to surface waters through stormwater runoff. Bulk oil and other materials are stored undercover and are not subject to stormwater runoff. Established procedures include immediate
clean up of all spills (petroleum products, anti-freeze, etc.), recycling of all contaminated materials including oil absorbent material (i.e. granular and oil absorbent booms and pads), oil filters, and fuel filters. Used rags are laundered by a commercial cleaner. Used oil and anti-freeze is recycled by a contractor. Automotive batteries, radiators, and other potential sources of metallic pollutants are recycled. All recycling contractors are required to possess the necessary authorizations and certifications to transport and handle the specific materials involved.
4.4 Flood Management

Routine maintenance by County employees and contractors is performed to achieve acceptable standards of flood management. Removal of debris, brush, vegetation, and accumulated sediments from drainage ways, culverts, and inlets results in achieving acceptable levels of service for flood control during most rain events. Sarasota County performs this maintenance within the City of Sarasota by means of an Interlocal Agreement adopted in 1990.

Critical Capacity Resolution - As a result of widespread flooding experienced in July of 1995, Sarasota County enacted a Critical Capacity Resolution (#95-278). This resolution identifies certain drainage basins which are considered "areas of known stormwater problems". Specific discharge rates have been determined for each of the affected basins based on the existing capacity of the existing downstream conveyance system. A copy of this resolution is included as Appendix G.

Flood control is also achieved through the Basin Master Planning Program as discussed in Section 4.2. Due to severe flooding during the summer of 1995, the schedule for completing Basin Master Plans has been accelerated.
Recommendations from the completed basin studies are as follows:

**Phillippi Creek Basin**

Celery Field Regional Stormwater Facility - Currently under construction, this project utilizes 450 acres of former agricultural land for storage of flood-stage stormwater. In addition to the storage capacity, this facility will also serve as a mitigation bank to compensate for wetlands impacted by future municipal projects. Certain areas are to be reserved for recreational purposes (i.e. nature walks, soccer fields). Also in conjunction with this project is the replacement of an outdated existing agricultural weir downstream of the facility. This new weir will utilize telemetry from downstream water level sensors to determine the need to operate the weir gates. The system will allow for adding sensors in the future.

**Main A Canal Improvements** - This project involves the widening of a major channel in a densely populated and flood prone area. The improvements include re-sloping the banks, providing maintenance access and two (2) low-flow weirs.

**Alligator Creek Basin**

Dolphin Lake Outfall - This flood control project will realign an outfall channel through a densely populated residential area. The channel will be relocated to
eliminate encroachments onto private property, provide maintenance access and, stabilize the banks. Preliminary plans call for detention areas for pollutant removal.

**Matheny Creek Basin**

Basin-wide improvements indicated by the basin study include re-contouring channels, replacing/enlarging pipes at road crossings, providing maintenance access and generally improving flood control and water quality characteristics of the drainage basin.

**Hudson Bayou Basin**

This Basin is located within the City of Sarasota. The primary project in Hudson Bayou involves the re-contouring of an existing canal which is subject to severe erosion and siltation due to high volume and velocity of runoff as well as the soil types in the immediate area. In addition to the re-contouring of the canal, a desiltation basin will be constructed in the downstream reaches of the channel to further reduce adverse impacts to surface water quality. This project is scheduled to begin in the winter of 1997.
Clower Creek Basin

The Clower Creek Basin Study identified the need to regrade and stabilize the main channel of Clower Creek to provide adequate drainage and to prevent accumulation of silt in a downstream boat basin. This project was substantially completed in the winter of 1995. An additional project under design is the dredging of the downstream boat basin to remove the silt that has previously built up.

A copy of the prioritized project list and construction schedule has been included as Appendix H. As previously mentioned, excerpts from these Basin Master Plans describing the scopes of work and recommended courses of action have been included as Appendix D. These excerpts address the studies for Phillippi Creek, Hudson Bayou, Matheny Creek, Elligraw Bayou, and Clower Creek.

4.5 Municipal Facilities

Sarasota County’s Bee Ridge Landfill is currently operating under a National Pollution Discharge Elimination System Industrial Permit (#FL0039306). The permit requires a Stormwater Pollution Prevention Plan (SPPP) be in place to reduce the potential for contaminants to be discharged from the site. In the
event that a discharge does occur, the permit specifies that the discharge be documented and reported to the United States Environmental Protection Agency (U.S.E.P.A.). A committee meets quarterly in accordance with the established SPPP.

Procedures and programs addressing potential pollution sources from publicly owned treatment works (POTWs) will be developed prior to the end of year three of the permit period as required by the County's MS4 permit.

4.6 Pesticides, Herbicides, Fertilizer Usage

Public education programs addressing the reduction in use of pesticides, herbicides and fertilizers are sponsored primarily by the Sarasota County Cooperative Extension Service. Services provided by the Extension Service include advice on native plantings, xeriscaping, appropriate use of (slow release) fertilizers, and the "least-toxic" approach to pesticides. These practices are exemplified at a training center known as "Florida House". "Florida House" utilizes many methods to reduce pesticides, energy and waste. Over the past year, the Extension Service sponsored 12 tours and 25 public presentations in addition to welcoming 10,000 guests at Florida House Learning Center. There is an outreach program in the public school system to promote responsible use
of pesticides, herbicides, and fertilizers. In addition, 640 citizens were enrolled in the Florida Yards and Neighborhoods Program. Forty-seven (47) yards in the Sarasota area were certified as Model Florida Yards (which use significantly less pesticides). All programs offered by the Co-operative Extension Service are available to any citizen of the County including residents of the cities of Sarasota, Venice, North Port and Longboat Key.

All Sarasota County employees whose duties include the application of pesticides or herbicides are certified by the Florida Department of Agriculture. As a condition of employment, herbicide applicators in the aquatic plant control and mosquito control fields are required to obtain State certification within six months of employment. Certification is maintained by acquiring continuing education credits as specified by the Department of Agriculture. Additional training is provided to employees during monthly in-house workshops. These workshops allow individual employees to facilitate a training session addressing such requirements as calibration of spray equipment, staying current on herbicide label directions, water quality testing (i.e. dissolved oxygen level), and proper use of safety equipment. This training regimen is continuously evaluated by the employees, supervisors, and other County departments (i.e. Co-operative Extension Service) involved in the use of pesticides, herbicides, and fertilizers.
In 1995, 84 employees received training relative to pesticide and herbicide safety.

Contractors hired to apply pesticides and herbicides are required, by contract, to document that applicators are State certified. (Sarasota County does not have any contracts involving application of fertilizers.) An excerpt from an example contract is included in this report as Appendix I.

Sarasota County adopted Administrative Directive 9.02A, Integrated Pest Management Program (I.P.M.) in January of 1995. The objective of this program is to reduce the County's usage of pesticides and herbicides. When use of pesticides or herbicides is determined necessary, the policy emphasizes the "least toxic" approach to achieving desired results. Subsequent to the Directive, the County's use of pesticides and herbicides was evaluated. Alternate methods of controlling pests and unwanted vegetation were deemed equally effective with less environmental and health hazards. Alternatives to using pesticides in the Mosquito Control Division include the use of "mosquito fish" in areas which support permanent pools of water. Use of aerators and the introduction of triploid grass carp, through the Florida Game and Freshwater Fish Department, have resulted in a reduction of herbicide used in controlling
County maintained lakes. The I.P.M. Program also supports the training and certification procedures for employees engaged in applying pesticides and herbicides. A copy of the I.P.M. Administrative Directive and Program Policy is included as Appendix J.

4.7 Illicit Inspections, Investigations, Enforcement

The nineteen (19) types of discharges listed under Part II.A.7.a of the permit will continue to be allowed to be discharged into the MS4. In addition, uncontaminated roof drain discharges will be allowed.

Citizen complaints, pollution incidents, and agency referrals regarding contaminated discharges to the MS4 are thoroughly investigated by the Pollution Control Division of the Sarasota County Natural Resources Department. These investigations generally center around areas of older development and industrial/commercial land use. An internal log of complaint/incident investigations is maintained both in a networked computer database and a paper file organized by "911" grid number in the Division. Legal authority is provided by the aforementioned Ordinance No. 93-038, included as Appendix C.
The source of discharges may be identified by site investigation. Responsible parties are promptly contacted and advised of the illegal discharge. Sampling and lab analysis may be used to confirm or characterize the observed discharge.

Site assessment by a competent environmental professional may be required in more serious cases, as well as appropriate disposal of the contaminated materials. Appropriate handling of reports from citizens involves explanation of the progress and resolution of the incident to the complainant.

Voluntary compliance resolves most of the investigations. Continued non-compliance may involve resolution through the County Code Enforcement System. Alternative enforcement options may include local consent orders or referrals to the Florida Department of Environmental Regulation, the Florida Department of Health and Rehabilitative Services, the Florida Department of Agriculture and Consumer Affairs, the Florida State's Attorney's Office, or the United States Environmental Protection Agency.
4.8 Field Screening

Dry weather field screening to detect the presence of illicit connections and improper discharges to the MS4 will be conducted by visual and chemical assessment of the quality of significant contributing flows to drainage basins of the MS4. All outfalls within the drainage basins will be identified and field screened for compliance. Follow-up activities to the field screening may include further investigation, sampling, laboratory analysis, notification of non-compliance to a responsible party, enforcement, and resolution.

4.9 Spill Response

Sarasota County's Hazardous Materials Plan provides the procedures to be followed in the event of a hazardous materials spill. Appropriate sections of the Plan relative to hazardous materials and potential impact on humans and the environment are included in this report as Appendix K. Section 1 is the plan overview and purpose. Section 7 of the Plan itemizes supplies and equipment available to the hazardous material response team of the fire department. Section 8 of the Plan addresses the responsibilities and procedures for assessing the offsite impact of a hazardous material spill. Section 12 of the Plan provides general guidelines for recovery after a spill has occurred. Through an inter-local
agreement, the City of Sarasota and Sarasota County Fire Departments have merged and both entities follow this Plan.

4.10 Public Reporting of Illicit Discharges

The Sarasota County Pollution Control Division maintains a 24-hour on-call response to pollution incidents and citizen complaints. Illegal discharges to surface water are prioritized as urgent and require immediate response from Division staff. Complaint/incident investigations are filed by "911" grid number in the Division. Public programs regarding identification and reporting of illicit discharges to the MS4 may include posters in County public transit buses, school presentations, public service announcements in all media, utility bill inserts, and various other forms of exposure. A summary table of incident responses during 1995 is included in this report as Appendix L.

4.11 Oil / Household Hazardous Waste

Sarasota County Hazardous Waste Division, a part of the Sarasota County Fire Department, provides the residents of Sarasota County with six (6) oil recycling drop-off locations. These recycling locations are open to the public, including residents of the cities of Sarasota, Venice, North Port and Longboat Key, twenty-four hours a day, seven (7) days a week. During the reporting period,
January 1, 1995 through December 31, 1995, over 27,000 gallons of used oil were recycled.

In addition to the six (6) oil drop-off sites, the Hazardous Waste Division also supports two (2) permanent hazardous household materials collection stations. These stations are open to the public, including residents of the cities of Sarasota, Venice, North Port and Longboat Key, one day per week. During the reporting period a total of 250,653 pounds of household hazardous waste was collected through the use of the stations. A summary of the amounts of materials collected is attached as Appendix L. A portion of this total was received on the six (6) separate Amnesty Day events which were conducted during the reporting period. A program to assist in the proper disposal and recycling of household hazardous material containers is being studied at this time. Subsequent Annual Reports will contain additional programs as they are developed and implemented.

Sarasota County actively supports and promotes a stenciling program for stormwater inlets. This program also receives support and promotion from other organizations such as Mote Marine Laboratory and the National Estuary Program. As part of this program, the County provides a stenciling kit to
volunteer groups (i.e. Boy Scouts, Neighborhood Associations) including the stencil, paint and safety equipment for the participants.

4.12 **Sanitary Sewage Seepage**

Wastewater treatment facilities (WWTF) and their associated collection/transmission systems in Sarasota County are regulated by Sarasota County Pollution Control Division through a general operating agreement with the Florida Department of Environmental Protection. WWTFs are required by State Rule and County ordinance to report abnormal events, including sewage discharges, and to take appropriate corrective actions. The Division provides 24-hour on-call response for abnormal event reports from utilities. County Ordinance No. 93-038, copy included as Appendix C, requires the utility to provide a written report to the Division within 72 hours of any sewage discharge. Suspected sewage discharges to the MS4 are investigated on a complaint/incident basis and the responsible utility is notified. A list of abnormal events is compiled annually, and the accompanying reports and investigations are documented in the WWTF files in the Division. The Division may take appropriate enforcement action with the utility owner or permittee.
Areas that are served by septic systems have been identified in the "Preliminary Report [on] County Water and Sewer Service [in] Sarasota County" by Post, Buckley, Schuh and Jernigan (1994). Suspected septic system discharges are investigated on a complaint/incident basis by the Pollution Control Division. Septic system discharges that are in violation of County Ordinance and State Rule are referred to the Sarasota County Environmental Health Unit for resolution. Complaint documentation and investigative reports are filed by "911" grid number in the Division, which may take appropriate enforcement action and require corrective measures.

4.13 High Risk Industrial Facility Inspection

The Hazardous Waste Management Division of the Sarasota County Fire Department has inventoried all industrial stormwater sources within Sarasota County. This inventory of 202 sites is kept current as industrial sites are created or abandoned. A program to inspect and monitor these sites is being developed for implementation in year two of the permit. An "NPDES Stormwater Inspection" form has been drafted for use during the inspections. A copy of this draft form is included in this report as Appendix N.
4.14 Construction Planning Procedures

Sarasota County's Land Development Regulations (LDR) addresses stormwater related pollution on construction sites. The LDR specifically prohibits construction activities from violating water quality standards as established by State Statutes. Aspects addressed by the LDR include flood control criteria, pre- and post-development runoff rate, retention/detention of "first flush" runoff, construction phasing, and operation and maintenance plans for the stormwater system. Best Management Practices (BMPs) Plans are required by the LDR to minimize pollution, to control erosion and remove sediment from surface water runoff. The appropriate sections and appendices of the LDR have been included in this report as Appendix O.

The Sarasota County Transportation Department is scheduled to develop a Stormwater Management Technical Manual which will be appended to the LDR. This technical manual will incorporate any modifications determined to be necessary to provide adequate and proper use, installation, inspection and maintenance of Best Management Practices (BMPs) during construction activities. Once developed and adopted, the technical manual will serve as the enforcement mechanism for ensuring the use of required BMPs.
All construction plans submitted for review are required to set forth a specified erosion and sediment control plan detailing the BMPs to be used on the site. This plan is typically shown on the site development plan with additional information included in a "general-" or special-notes" section of the construction plans. An example of erosion and sediment control plan notes is included in this report as Appendix P.

4.15 Construction Inspections

As required for Year One of the permit, one Sarasota County Transportation Department inspector has attended and successfully completed an Erosion and Sediment Control Course. The course, Practical Approaches for Effective Erosion and Sediment Control, was sponsored by the International Erosion Control Association.

4.16 Education Activities

The Sarasota County Transportation Department sponsored a workshop to discuss the required use of Best Management Practices. Attendees at the workshop included Transportation Department Engineering Inspectors, Southwest Florida Water Management District representatives, and area
contractors and developers. It is anticipated that similar workshops will be scheduled to emphasize the requirement and the importance of proper use, installation, and maintenance of BMPs on a construction site. Subsequent Annual Reports will summarize future meetings and provide details of policies developed.

4.17 Monitoring Activities

Monitoring for high-risk industrial facilities will include ambient monitoring data from the Southwest Florida Water Management District, Florida Department of Environmental Protection, Sarasota Bay National Estuary Program, Sarasota County Natural Resources Department, and volunteer environmental groups. This data will be used as a baseline for water quality. Runoff from these high-risk industrial facilities will be monitored for compliance by either the responsible party or Pollution Control staff. Dry weather field screening should provide additional useful monitoring data beginning in year two of the permit.

4-18 Additional Activities

There are no additional activities to report at this time.
SWMP Element:
1a: Maintenance of Structural Controls

Element Objective:
To assure proper operation of structural stormwater controls relative to adequate flood control and water quality characteristics.

Activities Completed or In Progress:
Maintenance of structural controls are in place and prove to be adequate in normal storm events. Maintenance activities are constantly being evaluated and emended to increase efficiency and effectiveness.

Discussion of Results, Deficiencies, Etc.:
Results of maintenance of structural controls are satisfactory for flood control during normal storm events. Events exceeding design criteria still cause flooding in some areas. Maintenance relative to stormwater quality is sufficient for design storm events. Vegetation density and sediments accumulated over time will require future monitoring.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Strengths include improved flood control, aesthetically acceptable facilities, improved water quality. Weaknesses include excessive workload for available manpower resources.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
2a: Development Planning Procedures

Element Objective:
To provide required water quality criteria and flood control in newly developed and substantially redeveloped areas of the County. To be achieved through ordinance and basin master planning.

Activities Completed or In Progress:
Local ordinances have been adopted consistent with State of Florida Stormwater Treatment Regulations. Basin master plan schedule has been met or accelerated.

Discussion of Results, Deficiencies, Etc.:
Sarasota County's initial water quality was enacted in 1972. Sarasota County continued to take the lead on water quality issues by creating the Water Pollution Control Code, Ordinance #93-038 in 1993. Further action to assure water quality through local ordinances will be enacted in 1996. Acceleration of the Basin Master Planning schedule will result in more rapid completion of studies and determination of future needs.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Strengths include improved water quality due to procedures and practices required by ordinance and comprehensive studies for each of the major drainage basin within the County, including the City of Sarasota and the City of North Port.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
3a: Roadway Maintenance / Equipment Yards / Maintenance Shops

Element Objective:
Reduction of stormwater-borne pollutants from roadway maintenance projects, equipment yards, and maintenance shops by developing and implementing "good housekeeping" procedures.

Activities Completed or In Progress:
Litter control and street sweeping programs are in place. Schedule for maintenance of stormwater structures is in place and being followed. Practices are in place to reduce the pollutants from road repair, equipment yards, and maintenance shops.

Discussion of Results, Deficiencies, Etc.:
Results are adequate to meet permit requirements. No deficiencies have been identified.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit. Practices to reduce pollutants from road repair, equipment yards, and maintenance shops have been implemented one year earlier than required by the permit.

SWMP Element Strengths & Weaknesses:
The element addresses both non-point sources of pollutants (i.e. litter control, street sweeping) and point sources of pollutants (i.e. equipment yards and maintenance shops).

City of Sarasota and the City of North Port.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
4a: Flood Management

Element Objective:
Addresses flood control projects and potential impacts on quality of receiving waters.

Activities Completed or In Progress:
Six basin studies are complete; six basins are currently being studied; seven basins are scheduled to be studied within the next year; seven basins have yet to be scheduled. Original schedule for basin studies has been accelerated for completion within two years.

Discussion of Results, Deficiencies, Etc.:
Results of completed basin studies have resulted in identifying problems with flood control and water quality issues. Acceleration of schedule will result in more timely assessment of problems in the basins remaining to be studied.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Strengths include identification of flood and water quality issues on a basin-wide basis resulting in a more comprehensive plan of action. Weaknesses include time and workload constraints caused by multiple basins being studied simultaneously.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
5a: Municipal Facilities

Element Objective:
There were no requirements of this element for year one of the permit.

Activities Completed or In Progress:

Discussion of Results, Deficiencies, Etc.:

Status with Compliance, Implementation and Augmentation:

SWMP Element Strengths & Weaknesses:

Assessment of Element Controls:

Required Element Revisions:
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
6a: Pesticides, Herbicides, and Fertilizer Usage

Element Objective:
Reduce the amount of pesticides, herbicides, and fertilizers used by the public and County employees. Assure proper training of contractors and County personnel applying pesticides, herbicides and fertilizers.

Activities Completed or In Progress:
Public education programs are in place through the Sarasota County Cooperative Extension Service. Contractors working on County property must provide proof that applicators are State certified. County employees applying pesticides/herbicides must be State certified and maintain certification. Administrative Directive requires "least toxic" approach to pesticide/herbicide usage.

Discussion of Results, Deficiencies, Etc.:
Public involvement in reducing the amount of chemicals used in lawn maintenance through education program. County policies dictate reduction of chemicals used on County property. County employees and contractors are trained and certified by the State of Florida Department of Agriculture.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Strengths of the element include a well informed public. Shows concern of the County for the welfare of the public and the environment by reducing the amount of chemicals used. A weakness is an increased need for mechanical grounds maintenance.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
Element activities are constantly being evaluated to continue and promote the "least toxic" approach to pesticide and herbicide usage. Revisions are made as needed and will be reported in subsequent Annual Reports.
SWMP Element:
7a: Illicit Discharge and Improper Disposal—Inspection, Ordinance, and Enforcement Measures

Element Objective:
Assess non-stormwater discharges allowed to be discharged into the MS4. Develop and implement an inspection program to enforce County ordinances that prohibit non-allowable discharges into the MS4.

Activities Completed or In Progress:
Assessment of non-stormwater discharges allowed to be discharged into the MS4 is in progress.
Roof drain runoff has been added to the list of allowable discharges.
Development and implementation of inspection program is not required until year two of the permit.

Discussion of Results, Deficiencies, Etc.:
No results to date. Continued compliance with this element depends on approved funding for ES I and secretary position for FY '97.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.
Allowable discharges have been evaluated. Photocopy of signed, adopted stormwater ordinance for Sarasota County (#93-038) is included in the appendix.

SWMP Element Strengths & Weaknesses:
Inspection element not required until year two of the permit. No strengths or weaknesses have been identified.

Assessment of Element Controls:
No assessment has been performed; inspection element is not required until year two of the permit.

Required Element Revisions:
Not yet identified; inspection element is not required until year two of the permit.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
7b: Illicit Discharges and Improper Disposal-Dry Weather Field Screening

Element Objective:
Detection of the presence of illicit connections and discharges to the MS4 through field screening, collection of inventory information on outfalls and unmapped parts of the MS4 in a continually updated database, and maintenance of an internal log of field screening results.

Activities Completed or In Progress:
Implementation of field screening program, inventory database, and internal log of field screening results is not required until year two of the permit. Implementation of the field screening program is dependent on funding and filling ES I position.

Discussion of Results, Deficiencies, Etc.:
No results to date. Continued compliance with this element depends on approved funding for ES I and secretary position for FY '97.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.
Allowable discharges have been evaluated. Photocopy of signed, adopted stormwater ordinance for Sarasota County (#93-038) is included in the appendix.

SWMP Element Strengths & Weaknesses:
Inspection element not required until year two of the permit. No strengths or weaknesses have been identified.

Assessment of Element Controls:
No assessment has been performed; inspection element is not required until year two of the permit.

Required Element Revisions:
Not yet identified; inspection element is not required until year two of the permit.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
7b: Illicit Discharges and Improper Disposal-Dry Weather Field Screening

Element Objective:
Detection of the presence of illicit connections and discharges to the MS4 through field screening, collection of inventory information on outfalls and unmapped parts of the MS4 in a continually updated database, and maintenance of an internal log of field screening results.

Activities Completed or In Progress:
Implementation of field screening program, inventory database, and internal log of field screening results is not required until year two of the permit. Implementation of the field screening program is dependent on funding and filling ES I position.

Discussion of Results, Deficiencies, Etc.:
No results to date. Continued compliance with this element depends on approved funding for ES I and secretary position for FY '97.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.
Allowable discharges have been evaluated. Photocopy of signed, adopted stormwater ordinance for Sarasota County (#93-038) is included in the appendix.

SWMP Element Strengths & Weaknesses:
Inspection element not required until year two of the permit. No strengths or weaknesses have been identified.

Assessment of Element Controls:
No assessment has been performed; inspection element is not required until year two of the permit.

Required Element Revisions:
Not yet identified; inspection element is not required until year two of the permit.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
7c: Illicit Discharges and Improper Disposal—Investigation of Suspected Illicit/Improper Disposal

Element Objective:
Develop and implement standard procedures to investigate parts of the MS4 that have been identified as having a reasonable potential for illicit discharges or sources of non-stormwater discharges to the MS4.

Activities Completed or In Progress:
Development of standard investigative procedures to identify and terminate sources of illicit discharges to the MS4 (not required until year two of the permit) is subsequent to filling the Environmental Specialist III (ESIII) position in 4/96. Implementation of investigative procedures (not required until year two of the permit) is subsequent to filling an ESI position.

Discussion of Results, Deficiencies, Etc.:
No results to date. Continued compliance with this element depends on approved funding for ESI I and secretary position for FY '97.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Element not required until year two of the permit. No strengths or weaknesses have been identified.

Assessment of Element Controls:
No assessment has been performed; element has not been implemented.

Required Element Revisions:
Not yet identified; element has not been implemented.
SWAMP Element:
7d: Illicit Discharge and Improper Disposal-Spill Response

Element Objective:
Permit requires submittal of portions of Sarasota County's Hazardous Materials Emergency Plan with the first Annual Report.

Activities Completed or In Progress:
Copy of Sarasota County's Hazardous Materials Emergency Plan is included in the appendix.

Discussion of Results, Deficiencies, Etc.:
Hazardous Materials Emergency Plan provides emergency workers with a workable procedure to adequately address hazardous materials spills. This Plan has been adopted by the City of Sarasota through an Interlocal Agreement.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWAMP Element Strengths & Weaknesses:
See Discussion of Results, Deficiencies, Etc. above

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
7e: Illicit Discharge and Improper Disposal—Public Notification

Element Objective:
Develop and implement a public program to promote, publicize, and facilitate reporting of illicit discharges and improper disposal of materials into the MS4. Maintain a log of citizen reports, including investigation and resolution, of illicit discharges to the MS4.

Activities Completed or In Progress:
Development and implementation of public-awareness program is not required until year three of permit. Log of complaints and pollution incidents, including illegal discharges to the MS4 has been maintained for several years by the Sarasota County Pollution Control Division. The Division provides 24-hour on-call response to pollution incidents.

Discussion of Results, Deficiencies, Etc.:
Public notification element is not required until year three of the permit.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit. A copy of the complaint/incident log for 1995 has been included in the appendix.

SWMP Element Strengths & Weaknesses:
Maintenance of complaint/incident log serves adequately as a record of reported and investigated discharges.

Assessment of Element Controls:
Public notification program is not required until year three of the permit.

Required Element Revisions:
No element revisions are identified at this time.
SARASOTA COUNTY
NPDES ANNUAL REPORT QUESTIONNAIRE

SWMP Element:
7f: Illicit Discharge and Improper Disposal-Stenciling Program

Element Objective:
To inform and educate the public of the pollution that results when storm sewer inlets are used to dispose of waste material.

Activities Completed or In Progress:
300 storm sewer inlets have been stenciled by volunteer groups. Materials and supplies are provided by Sarasota County Stormwater Environmental Utility. The program is promoted by the "Keep Sarasota Beautiful" organization and is supported by Mote Marine Laboratory and the National Estuary Program.

Discussion of Results, Deficiencies, Etc.:
As a result of this program, more of the citizens of Sarasota have an awareness of the impact of disposing of debris and waste material in storm sewer inlets.
No deficiencies were identified.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.
The stenciling program includes storm sewer inlet within Sarasota County and the City of Sarasota.

SWMP Element Strengths & Weaknesses:
Strengths include reduced maintenance requirements to remove debris that has been dumped into the storm sewer inlets and reduced potential for flood due to clogged storm sewer pipes.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
7g: Illicit Discharge and Improper Disposal-Limitation of Sanitary Sewer Seepage

Element Objective:
Advise appropriate utility owners of violations if constituents common to wastewater contamination are discovered in the MS4.

Activities Completed or In Progress:
Suspected sewage discharges to the MS4 or surface water have been investigated on a complaint or incident basis for several years by the Sarasota County Pollution Control Division. Sewage discharges from wastewater treatment facilities are required by County Ordinance and State Rule to be reported to the Division and corrective actions are expected.

Discussion of Results, Deficiencies, Etc.:
The Pollution Control Division provides 24-hour on-call response for abnormal event reports including sewage discharges. A list of abnormal events is compiled on an annual basis. County Ordinance #72-37 requires the utility owner to provide a written report to the Pollution Control Division within 72 hours of any discharge. The Division may take appropriate enforcement action. Abnormal event reports are documented in the wastewater treatment facility files in the Division.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
This program provides a mechanism for the citizens of the Sarasota County to report suspected discharges of sewage to the MS4. A record documenting the reports is maintained by the Pollution Control Division.

Assessment of Element Controls:
Element controls are judged to be satisfactory.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
8a: Industrial and High-Risk Runoff - Monitoring for High-Risk Industries

Element Objective:
Maintain a list of all industrial stormwater sources discharging to the MS4.

Activities Completed or In Progress:
A list of all high-risk industrial sites is maintained by the Sarasota County Hazardous Materials Division of the Fire Department.

Discussion of Results, Deficiencies, Etc.:
Maintenance of the list of high-risk industrial sites provides emergency personnel with information needed to contain potential hazardous situations.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
See Discussion of Results, Deficiencies, Etc. above.

Assessment of Element Controls:
Element controls are judged to be satisfactory.
New inspection reporting form has been developed.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
8b: Industrial and High-Risk Runoff - Monitoring for High-Risk Industries

Element Objective:
Develop and implement a monitoring (or self monitoring) program for facilities identified through field inspection as having an industrial high-risk discharge to the MS4.

Activities Completed or In Progress:
Development of monitoring program is not required until year two of the permit.

Discussion of Results, Deficiencies, Etc.:
No results; monitoring program is not scheduled to be implemented until year two of the permit.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
Not yet identified; element is not scheduled to be implemented until year two of the permit.

Assessment of Element Controls:
No assessment performed; element not scheduled to be implemented until year two of the permit.

Required Element Revisions:
No element revisions are identified at this time.
SWMP Element:
9a: Construction Site Runoff - Planning

Element Objective:
Review current erosion and sediment control requirements and modify as needed to comply with SWFWMD's requirements and EPA's NPDES Construction Activities General Permit. Review enforcement jurisdiction. Provide training to County inspectors and educate contractors.

Activities Completed or In Progress:
Sarasota County has included requirements to reduce the adverse impacts of runoff from construction sites. Future plans include development of a Stormwater Technical Manual to be appended to the Land Development Regulations (LDR). Completion of erosion and sediment control training by Engineering Inspector. Held workshop w/County, SWFWMD and local contractors.

Discussion of Results, Deficiencies, Etc.:
Positive results are education of employees and contractors of adverse impacts of stormwater runoff from construction sites. Deficiencies include difficulty in enforcing contractors to utilize and properly install and maintain BMPs during construction activities.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
See Discussion of Results, Deficiencies, Etc. above.

Assessment of Element Controls:
Enforcement capabilities need to be strengthened.

Required Element Revisions:
If the use of BMPs is required and detailed in contracts and construction plans it will be easier to enforce the proper installation and maintenance of the BMPs.
Sarasota County
NPDES Annual Report Questionnaire

SWMP Element:
9b. Construction Site Runoff - Inspection and Enforcement

Element Objective:
Provide training to inspectors (regardless of specialty) who are likely to be on-site during earth moving activities in erosion control techniques.

Activities Completed or In Progress:
The Sarasota County Transportation Department has sent one Engineering Inspector from the Road Program Division to the Practical Approaches for Erosion and Sediment Control course sponsored by the International Erosion Control Association.

Discussion of Results, Deficiencies, Etc.:
The inspector who attended the course now has a better grasp on the available Best Management Practices and the proper installation techniques for each of them. Also stressed during the course is the need to maintain the BMPs for the duration of the project. Deficiencies include difficulty in enforcement of proper installation and maintenance of BMPs.

Status with Compliance, Implementation and Augmentation:
Sarasota County is in compliance with the permit requirements of this element for year one of the permit.

SWMP Element Strengths & Weaknesses:
See Discussion of Results, Deficiencies, Etc. above:

Assessment of Element Controls:
Inspector education program element controls are judged to be satisfactory.

Required Element Revisions:
No revisions have been identified at this time.
SECTION 5

Monitoring Program
5.1 **Objective Summary**

The monitoring program required by the permit is to be established and implemented by December 31, 1996. According to part V.B.1.e, each permittee is required to develop a monitoring program in conjunction with the State of Florida's *Surface Water Ambient Monitoring Program* (SWAMP). The program shall assist in determining the impact of stormwater discharges on receiving waters, the effectiveness of the stormwater management programs being implemented under this permit, identifying and prioritizing portions of the MS4 requiring additional controls and identify local sources and impacts of specific pollutants.

5.2 **Status of Program / Schedule Compliance**

Sarasota County is in compliance with Year One requirements of this element. The Co-permittees, State of Florida, and EPA, Region IV, met in August 1995 to discuss modifications to the monitoring program. Currently, the Co-permittees under this permit are negotiating a Joint Project Agreement (JPA) to facilitate the agreed upon monitoring program modifications.
5.3 Program Revisions

The monitoring program is not required to be implemented until Year Two of the permit term. Memorandums and other correspondence detailing the negotiated revisions to the original monitoring program proposed in the Part II Application, can be found in Appendix Q of this report.

5.4 Inventory of Major Outfalls

Sarasota County identified no additional new or previously unknown major outfalls during Year One. The outfall inventory maps provided to EPA during the Part I and II application process remain unchanged. Sarasota County will continue to keep these maps updated and will provide EPA with additionally identified major outfalls in our subsequent Annual Reports.
SECTION 6

Permit Modifications
6.1 Stormwater Management Plan Modifications

Although Sarasota County does not propose to modify the Stormwater Management Program described in or required by Part II and Part III of the permit, the permit does provide a modification procedure to address inefficient or infeasible elements. In the event future modifications to the program are deemed necessary, the modification will be negotiated in the appropriate Annual Report.

6.2 Monitoring Program Modifications

Part V.B.1.e of the permit requires the permittees, the FDEP Bureau of Surface Water Management, and the EPA to agree to a sampling program schedule in conjunction with the State of Florida's Surface Water Ambient Monitoring Program (SWAMP). The permit requires that the monitoring program be implemented by the permittees within 24 months of the effective date of the permit or no later than December 31, 1996. The permit further requires the permittees to provide a status report in the Annual Report for Year One.

On August 14, 1995, the permittees, FDEP, and EPA selected and agreed to the monitoring program described in the December 26, 1995 letter to Mr. Roosevelt Childress from Robert S. LaSala (see Appendix Q).
The permittees plan to implement the monitoring program for Hudson Bayou, proposed during the Part II application process, prior to December 31, 1996. We are initiating this element to ensure compliance with the December deadline. However, the permittees are concerned with complying with the other elements of the program by December 31, 1996. As of the date of this report, the permit has not been modified by EPA to incorporate the agreed to modifications in our December 26, 1995 letter. The permittees hereby request that the EPA formally acknowledge acceptance of the agreed to modifications.

A second area of concern is the current state of development of the State of Florida's SWAMP program. The program is still maturing. Standard Operating Procedures (SOP's) for biological or sediment analysis have not been finalized. Compliance for Year Two will be dependent on the State's schedule for finalizing SOP's.

On August 3, 1995, EPA issued an Intent to Modify to Sarasota County. The modification applies to Part V.A. of the permit; pollutant load and event mean concentration estimates are to be reported to EPA for each major watershed rather than for each major outfall (see Appendix R).
6.3 Other Permit Modifications

On January 20, 1995, Sarasota County requested a permit modification to delete Condition 1 under Part VII.A. of the permit and replace it with a condition discussed in a January 12, 1995 conference call with EPA. The details of the modification request can be found in Appendix R.
SECTION 7

Fiscal Analysis
7.1 Current Report Year

The fiscal information for developing and implementing the requirements for Year One of the permit is reported on the Financial Survey forms contained in this section of the report. The reported figures are based on the best available information from the individual Department or Division of Sarasota County Government which is responsible for implementing the element or activity. For new activities, the fiscal requirement for the previous fiscal year is not available. Based on best professional judgment, some elements or activities, such as developing policies or programs, are too difficult to estimate their associated costs, and therefore do not warrant the necessary effort to make such a determination.

7.2 Next Report Year

The next year fiscal requirements are determined based upon the upcoming proposed fiscal budget. However, these numbers are subject to change, based upon the budget to be adopted by the Board of County Commissioners in September 1996.
SWMP Element:
1a: Maintenance of Structural Controls

Previous Year Fiscal Requirement:

$3,929,867.00

Current Year Fiscal Requirement:

$2,577,595.00

Next Year Fiscal Requirements:

$3,754,004.00

SWMP Element Budget:
Estimated budget as reported in Part 2 of the Permit application: $3,658,228.00

SWMP Element Funding Source:
Stormwater Environmental Utility Non-Ad Valorem Assessments
General Funds
SWMP Element:

2a: Control of Discharges from Areas of New Development and Significant Redevelopment

Previous Year Fiscal Requirement:


Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SWMP Element Budget:


SWMP Element Funding Source:

Stormwater Environmental Utility Non-Ad Valorem Assessments

General Funds
SWMP Element:

3a: Roadway Maintenance / Equipment Yards / Maintenance Shops

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<th>Previous Year Fiscal Requirement:</th>
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<tr>
<td>Street Sweeping - $69,000.00</td>
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<tr>
<td>Road Repair - Not Available</td>
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<td>Yards / Shops - $20,585.00</td>
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<td>Street Sweeping - $76,000.00</td>
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<td>Road Repair - $61,000.00</td>
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<td>Yards / Shops - $26,510.00</td>
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<td>Street Sweeping - $83,600.00</td>
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<tr>
<td>Road Repair - Not yet determined</td>
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<td>Yards / Shops - $28,160.00</td>
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SWMP Element Budget:

SWMP Element Funding Source:

Stormwater Environmental Utility Non-Ad Valorem Assessments

General Funds

State / Federal Grants

Fire Department Non-Ad Valorem Assessments
SWMP Element:
4a: Flood Management

Previous Year Fiscal Requirement:


Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SWMP Element Budget:


SWMP Element Funding Source:
Stormwater Environmental Utility Non-Ad Valorem Assessments
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

5a. Municipal Facilities

No requirements for this element for year one of the permit.

Previous Year Fiscal Requirement:

Current Year Fiscal Requirement:

Next Year Fiscal Requirements:

SWMP Element Budget:

SWMP Element Funding Source:

Stormwater Environmental Utility Non-Ad Valorem Assessments
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:
6a: Pesticide, Herbicide and Fertilizer Usage

Previous Year Fiscal Requirement:
Reduction of $10,935.00 in herbicide expenditures.

Current Year Fiscal Requirement:
Reduction of $10,935.00 in herbicide expenditures.

Next Year Fiscal Requirements:
No reduction of herbicide budget; level of reduction has been met.

SWMP Element Budget:
Stormwater Environmental Utility Non-Ad Valorem Assessments

SWMP Element Funding Source:
Stormwater Environmental Utility Non-Ad Valorem Assessments
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

7a: Illicit Discharges and Improper Disposal-inspection, Ordinances, and Enforcement

No financial requirements for Ordinance adoption.

Previous Year Fiscal Requirement:

Inspection and Enforcement requirements are scheduled to be developed in years two and three.

of the permit

Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SWMP Element Budget:


SWMP Element Funding Source:


SURVEY.XLS
6/18/98

7-8
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

7b: Illicit Discharges and Improper Disposal-Dry Weather Screening

This element is scheduled to be developed during years three, four, and five of the permit.

Previous Year Fiscal Requirement:


Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SWMP Element Budget:


SWMP Element Funding Source:


SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

7c: Illicit Discharges and Improper Disposal-Investigation of Suspected Illicits and Improper Disposal

Previous Year Fiscal Requirement:
This element is scheduled to be developed during year two of the permit.

Current Year Fiscal Requirement:

Next Year Fiscal Requirements:

SWMP Element Budget:

SWMP Element Funding Source:
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:
7d: Illicit Discharges and Improper Disposal-Spill Response

Previous Year Fiscal Requirement:
There were no financial requirements for this element.

Current Year Fiscal Requirement:

Next Year Fiscal Requirements:

SWMP Element Budget:

SWMP Element Funding Source:
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

7e: Illicit Discharges and Improper Disposal-Public Notification

This element is scheduled to be developed and implemented in year three of the permit.

Previous Year Fiscal Requirement:

Current Year Fiscal Requirement:

Next Year Fiscal Requirements:

SWMP Element Budget:

SWMP Element Funding Source:
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:
7f: Illicit Discharges and Improper Disposal-Oils, Toxics and Household Hazardous Waste Control

Previous Year Fiscal Requirement: $409,000.00

Current Year Fiscal Requirement: $354,635.00

Next Year Fiscal Requirements: $354,635.00

SWMP Element Budget: $354,635.00

SWMP Element Funding Source:
Solid Waste Department tipping fee surcharge.
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:
7f1: Illicit Discharges and Improper Disposal-Stenciling Program

Previous Year Fiscal Requirement:
Not Available

Current Year Fiscal Requirement:
$2,736.00

Next Year Fiscal Requirements:
$700.00 as of 4/96

SWMP Element Budget:

SWMP Element Funding Source:
Stormwater Environmental Utility Non-Ad Valorem Assessments
SWMP Element:
7q: Illicit Discharges and Improper Disposal-Limitation of Sanitary Sewer Seepage
Identification and notification requirements are part of previously budgeted activities.

Previous Year Fiscal Requirement:
Development and Implementation of procedures to limit sanitary seepage is scheduled for
year three of the permit.

Current Year Fiscal Requirement:

Next Year Fiscal Requirements:

SWMP Element Budget:

SWMP Element Funding Source:
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

8a/8b: Identification of Priorities and Procedures for Inspections

No financial requirements for maintaining inventory of High-Risk Industrial sites.

Previous Year Fiscal Requirement:

Monitoring and inspection programs are scheduled to be developed and implemented in

year two and three of the permit.

Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SWMP Element Budget:


SWMP Element Funding Source:

Solid Waste Department tipping fee surcharge
SARASOTA COUNTY
NPDES ANNUAL REPORT FINANCIAL SURVEY

SWMP Element:

9a: Site Planning & Structural and Non-Structural Controls

No financial requirements for reviewing and updating Land Development Regulations.

Previous Year Fiscal Requirement:

Tracking of construction projects for sediment controls is scheduled to be implemented in year two of the permit.

Current Year Fiscal Requirement:


Next Year Fiscal Requirements:


SwMP Element Budget:


SwMP Element Funding Source:


SURVEY XLS
6/18/96

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