Phase I Municipal Separate Storm Sewer System (MS4)
NPDES Stormwater Audit Report

I. BACKGROUND INFORMATION

<table>
<thead>
<tr>
<th>MS4 Permit Name:</th>
<th>City of Sarasota</th>
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<tbody>
<tr>
<td>Permitee:</td>
<td>Sarasota County</td>
</tr>
<tr>
<td>Permit Number:</td>
<td>FLS000004-004</td>
</tr>
<tr>
<td>Annual Report Year:</td>
<td>Year 4</td>
</tr>
<tr>
<td>Reporting Period:</td>
<td>January 2017 – December 2017</td>
</tr>
<tr>
<td>Audit Date/Time:</td>
<td>August 30, 2018</td>
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Inspector(s):

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone/ Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonathan Turner</td>
<td>Environmental Consultant</td>
<td>850-245-8482&lt;br&gt;<a href="mailto:Jonathan.Turner@dep.state.fl.us">Jonathan.Turner@dep.state.fl.us</a></td>
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</tbody>
</table>

Permittee Representative(s):

<table>
<thead>
<tr>
<th>Name</th>
<th>Permittee/Dept</th>
<th>Phone</th>
<th>Email</th>
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<tbody>
<tr>
<td>Georges Nicolas</td>
<td>City of Sarasota – Public Works</td>
<td>941-365-2200&lt;br&gt;x6367</td>
<td><a href="mailto:Georges.Nicolas@sarasotafl.gov">Georges.Nicolas@sarasotafl.gov</a></td>
</tr>
<tr>
<td>Leonard Scherry</td>
<td>City of Sarasota – Public Works</td>
<td>941-365-2200&lt;br&gt;x4367</td>
<td><a href="mailto:Leonard.Scherry@sarasotafl.gov">Leonard.Scherry@sarasotafl.gov</a></td>
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II. GENERAL COMMENTS.

Sarasota is a city in Sarasota County of about 55,000 people. The city has an interlocal agreement with the county which, among other things, has the county performing inspections and maintenance of the stormwater infrastructure, as well as responses to illicit discharges.
III. SITE VISITS

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Site Type: Construction Site
Site Name and Location: Corner of US 41 and Blvd of the Arts.
Applicable Permit Provision(s): Part III.A.9
Observations: After recent rainfall, there was evidence of much sedimentation and tracking originating from the worksite. City inspectors had been at the site earlier in the day and issued a fine with the notice of violation for the worksite.
IV. SWMP IMPLEMENTATION REVIEW

Assessment Program

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Summary: County has robust monitoring program which includes multiple chemical and biological markers and includes routine sampling for indicator species in estuarine areas.

Fiscal Analysis

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Not reviewed during audit, but condition is satisfactory based on annual report reviews

TMDL Prioritization

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

City works with county on TMDL implementation for Phillippi Creek. Significant progress has been made towards eliminating potential sources of bacteria pollution in the Phillippi Creek.

Part III.A.1: Structural Controls and Stormwater Collection Systems Operation

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Sarasota has interlocal agreement with the county on maintenance and inspections of city stormwater inventory.

County utilizes MAXIMO software system as a tool for tracking inventory of all structures and assigning work-orders for inspections and maintenance of structures. County is split into zones to aid in meeting NPDES permit requirements. County utilizes ArcGIS for mapping of inventory which includes city infrastructure.

Part III.A.2: Areas of New Development and Significant Redevelopment

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Not specifically reviewed during audit, but condition is satisfactory based on annual report reviews

Part III.A.3: Roadways

☒ Satisfactory ☐ Unsatisfactory ☐ Not Applicable

Street Sweeping: City has in-house street sweeping which is able to cover city on monthly basis, or with increased frequency when appropriate. The city tracks this information to report.

Litter Control: Occurs daily.

Public Works Yard: City staff regularly inspect the public works yard, and county staff annually inspect
### Part III.A.4: Flood Control Projects

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

City incorporates stormwater treatment aspects into projects where available.

### Part III.A.5: Municipal Waste Treatment, Storage, and Disposal Facilities

Not Covered by an NPDES Stormwater Permit

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

**Public Works Yard:** City staff regularly inspect the public works yard, and county staff annually inspect.

### Part III.A.6: Pesticides, Herbicides, and Fertilizer Application

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

**FDACS License:** City maintain records of staff who apply fertilizers, herbicides or pesticides and are licensed thru FDACS, as well as contractors licensed thru FDACS.

**Education/Outreach:** County has robust education and outreach program which the city also participates. County utilizes WaterAtlas website and many other campaigns to educate the public on who to contact if there are any issues involving potential illicit discharges.

### Part III.A.7.a: Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

### Part III.A.7.c: Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

**Proactive Inspections:** City and county conduct proactive inspections in areas and at locations which have been known to have had recurring issues.

**Reactive Inspections:** Sarasota County Air & Water Quality inspectors perform inspections when complaints are received. Public can call county hotline, or use the See-Click-Fix mobile app to submit complaints.

### Part III.A.7.d: Illicit Discharges and Improper Disposal — Spill Prevention and Response

- ☒ Satisfactory  ☐ Unsatisfactory  ☐ Not Applicable

County has developed web-based training program which is used by co-permittees for training purposes. City distributes county training to appropriate staff within the city.
### Part III.A.7.e: Illicit Discharges and Improper Disposal — Public Reporting

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<th>Not Applicable</th>
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**Public Outreach:** City has robust outreach and education program

### Part III.A.7.f: Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control

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**Public Outreach:** City and county has robust outreach and education program

### Part III.A.7.g: Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage

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City owns and operates the sanitary sewer in the city and regularly performs maintenance activities to the infrastructure to reduce/eliminate potential infiltration.

### Part III.A.8.a: Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections

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County maintains the list of high-risk facilities in the city.

**Recommendation:** The city should work with the county to make sure that the list is up-to-date with facilities which may impact the city’s MS4.

### Part III.A.8.b: Industrial and High-Risk Runoff — Monitoring for High Risk Industries

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<th>Not Applicable</th>
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High-risk facilities are sampled when deemed necessary by the SOPs.

### Part III.A.9.a: Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices

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<th>Unsatisfactory</th>
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City reviews construction plans and notifies permittees of potential need to attain other state permits. City can track entire review process thru city database.
### Part III.A.9.b: Construction Site Runoff — Inspection and Enforcement

| ☒ Satisfactory | ☐ Unsatisfactory | ☐ Not Applicable |

City regularly inspects all active construction sites within the city and tracks the inspections thru the city database. City has enforcement capabilities and can levy fines and stop work at sites when appropriate.

### Part III.A.9.c: Construction Site Runoff — Site Operator Training

| ☒ Satisfactory | ☐ Unsatisfactory | ☐ Not Applicable |

Appropriate staff are certified through the FDEP sedimentation and erosion control program, and conduct annual refreshers to remind staff of city procedures for inspections and enforcement actions.