



# FLORIDA DEPARTMENT OF Environmental Protection

**Ron DeSantis**  
Governor

**Alexis A. Lambert**  
Secretary

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

## NOTICE OF DRAFT PERMIT

In the Matter of an  
Application for Permit Renewal by:

DEP File No. FLS000014-005

City of Orlando  
400 S Orange Ave.  
P.O. Box 4990  
Orlando, FL 32802-4990

The Department of Environmental Protection (Department) gives notice of its preparation of a draft permit (copy attached) for the Municipal Separate Storm Sewer (MS4) specified above. The Department is authorized under Section 403.0885 of the Florida Statutes (F.S.) and Rule 62-624 and 62-624 of the Florida Administrative Code (F.A.C.) to implement the National Pollutant Discharge Elimination System (NPDES) program. The Department has determined that an MS4 permit is required for the operation of the above-referenced MS4.

The applicant, City of Orlando, applied on October 21, 2021 to the Department for a permit renewal associated with the Municipal Separate Storm Sewer System (MS4) of which they are owner or operator. The Department determined the application for permit renewal is consistent with the standards for issuing permits as required under Rule 62-624.500, F.A.C. The applicant has provided reasonable assurance that their Stormwater Management Program will achieve a reduction of the discharge of pollutants from their MS4 to the Maximum Extent Practicable.

Pursuant to Section 403.815, F.S. and Rule 62-620.550 F.A.C., the applicant shall publish the enclosed Notice of Draft Permit and Request for Public Comment. The notice must be published one time only within 30 days of receipt of this draft permit in a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S. in the county where the facility is located. Where there is more than one newspaper of general circulation in the county, the newspaper used should be one with significant circulation in the area that may be affected by the permit. If you are uncertain whether a newspaper meets these requirements, please contact Michelle Bull by email at [Michelle.Bull@FloridaDEP.gov](mailto:Michelle.Bull@FloridaDEP.gov), or by telephone at (850) 245-7561. The applicant must provide proof of publication by mail to Michelle Bull, Florida Department of Environmental Protection, 2600 Blair Stone Road, Mail Station 3585, Tallahassee, Florida 32399-2400 within 14 days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit. The proof of publication must include an original clipping of

the notice and an affidavit from the newspaper meeting the requirements of Section 50.051, F.S.

The Department intends to renew coverage with the attached conditions unless, as a result of public comment, appropriate changes are made.

Pursuant to Rule 62-620.555, F.A.C., any interested person may submit written comments on the applicant's proposed permit and/or may submit a written request for a public meeting to the Department through the DEP Business Portal at <https://www.fldepportal.com/DepPortal/go/submit-publiccomment>, by email to [NPDES-MS4@floridadep.gov](mailto:NPDES-MS4@floridadep.gov), or by mail to NPDES Stormwater Program, 2600 Blair Stone Road, Mail Station 3585, Tallahassee, Florida 32399-2400. The comments or request for a public meeting must be received by the above-mentioned Department office. Comments from the permit applicant and the persons listed below receiving the draft permit package must be received within 30 days of receipt of this notice. Comments or request for a public meeting submitted by other persons receiving the draft permit package via publication must be received within 30 days of publication of the public notice. Failure to submit comments or request a public meeting within this time period will constitute a waiver of any right such person may have to submit comments or request a public meeting pursuant to Rule 62-620.555, F.A.C.

The comments or request for a public meeting shall contain the following information:

- a) The commenting party name, address and telephone number;
- b) City of Orlando MS4, File FLS000014-005;
- c) A description of any changes the commenter proposes for the draft permit;
- d) A full explanation of the factual and legal reasons for each proposed change to the draft permit by the commenter; and
- e) If applicable, a request that a public meeting be scheduled including a statement of the nature of the issues proposed to be raised at the meeting. However, the Department may not always grant a request for a public meeting. Therefore, written comments should be submitted within 30 days of publication of this notice, even if a public meeting is requested.

If a public meeting is scheduled, the public comment period is extended until the close of the public meeting, and any person may submit oral or written statements and data at the meeting on the Department's proposed action. As a result of significant public comment, the Department's final action may be different from the position taken by it in the draft permit.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Michelle Bull  
NPDES Stormwater Program  
Division of Water Resource Management

**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that this NOTICE OF DRAFT PERMIT AND REQUEST FOR PUBLIC COMMENT and all copies were transmitted via ePost before the close of business on the date indicated below to the listed persons.

Enc: Fact Sheet for Florida Department of Environmental Protection Municipal Separate Storm Sewer NPDES Permit Renewal to Discharge to Waters of the State for City of Orlando, FLS000014-005  
DRAFT State of Florida Municipal Separate Storm Sewer System Permit for City of Orlando, FLS000014-005  
Annual Report Form for City of Orlando  
Public Notice of Draft Permit and Request for Public Comment

Addressee(s): Corey Knight, P.E.

CC(s): Susan Sitkoff, P.G., City of Orlando  
Mary Kuo, NPDES Permitting Section, USEPA Region IV  
([Kuo.Mary@epa.gov](mailto:Kuo.Mary@epa.gov))  
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North Florida Ecological Services Office, U.S. Fish and Wildlife Service  
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Lucas Davis, U.S. Fish and Wildlife Service ([Lucas\\_Davis@fws.gov](mailto:Lucas_Davis@fws.gov))  
U.S. Army Corps of Engineers ([corpsjaxreg-nc@usace.army.mil](mailto:corpsjaxreg-nc@usace.army.mil))  
St. Johns River and South Florida Water Management District,  
([applicationsupport@sjrwmd.com](mailto:applicationsupport@sjrwmd.com), [regsupport@sfwmd.gov](mailto:regsupport@sfwmd.gov))  
FWC, Conservation Planning Services  
([fweconservationPlanningServices@myfwc.com](mailto:fweconservationPlanningServices@myfwc.com))  
Florida Department of Economic Opportunity, State Land Planning  
Agency ([DCPPermits@deo.myflorida.com](mailto:DCPPermits@deo.myflorida.com))

Florida Department of State, Bureau of Historic Preservation  
([compliancepermits@dos.state.fl.us](mailto:compliancepermits@dos.state.fl.us))  
Michelle Smith, Florida Department of Agriculture and Consumer  
Services, Division of Aquaculture, Shellfish Harvesting Management  
([Michelle.Smith@FDACS.gov](mailto:Michelle.Smith@FDACS.gov))  
Moira Homann, Program Administrator, Watershed Planning and  
Coordination Program, DEP ([Moira.Homann@floridadep.gov](mailto:Moira.Homann@floridadep.gov))

## FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, F.S., with the designated Deputy Clerk,  
receipt of which is hereby acknowledged.

Beth  
Robertson



Digitally signed by Beth  
Robertson  
Date: 2025.03.18  
12:30:52 -04'00'

**Clerk Name**

**3/18/2025**

**Date**

**FACT SHEET FOR STATE OF FLORIDA  
MUNICIPAL SEPARATE STORM SEWER SYSTEM  
NPDES PERMIT RENEWAL TO DISCHARGE TO  
WATERS OF THE STATE**

PERMIT NUMBER: FLS000014-005 (Major)

FACILITY NAME: City of Orlando Municipal Separate Storm Sewer System (MS4)

1. APPLICANT:

City of Orlando  
400 South Orange Ave.  
P.O. Box 4990  
Orlando, FL 32801

2. SUMMARY OF APPLICATION

a. Chronology of Application

Application Received: October 21, 2021

Additional Information Received: March 4, 2022

b. The current permit for this facility FLS000014-004 expired on March 31, 2022, and was administratively continued in accordance with subsection 62-624.420(4), Florida Administrative Code (F.A.C.) on October 21, 2021.

c. Type of Facility: Municipal Separate Storm Sewer System (MS4)

3. DESCRIPTION OF THE MUNICIPAL SEPARATE STORM SEWER SYSTEM

As authorized by Section 403.0885, Florida Statutes (F.S.), and rules promulgated thereunder, and consistent with Section 402(p) of the Clean Water Act (CWA), this permit is being proposed on a system-wide/jurisdiction-wide basis. The permittee named above is hereby authorized to discharge stormwater to waters of the State, in accordance with the approved Stormwater Management Program (SWMP), permit conditions, monitoring requirements, effluent limitations, and other provisions as set forth in the permit. The permittee is authorized to discharge stormwater from all portions of the MS4 owned or operated by the permittee listed above. This permit covers all areas within the political boundaries of City of Orlando served by or otherwise contributing to discharges of stormwater from the Municipal Separate Storm Sewer System (MS4) owned or operated by the applicant listed above.

4. RECEIVING SURFACE WATERS

The following named waterbodies have been identified to which the MS4 discharges, as of the date of development of this fact sheet:

Azalea Park Canal	Lake Formosa	Lake Susannah
Bay Lake	Lake Fran	Lake Tennessee
Boggy Creek	Lake Fredrica	Lake Terrace
Buck Lake	Lake G	Lake Theresa
Clear Lake	Lake Gem Mary	Lake Underhill
C-29A Canal	Lake Gear	Lake Vilma
Druid Lake	Lake George	Lake Virginia
East Lake Tohopekaliga	Lake Greenwood	Lake Wade
FDOT Drainage Canal	Lake Hiawassee	Lake Walker
Hart Branch	Lake Highland	Lake Warren
Jim Branch	Lake Holden	Lake Weldona
Kasey Lake	Lake Hourglass	Lake Whip-poor-will
Kelly Lake	Lake Ivanhoe	Lake Willisa
Kissimmee River	Lake Hennie Jewel	Lake Winyah
Kristy Lake	Lake June	Little Econlockhatchee Canal
Lake Adair	Lake Lancaster	Little Lake Fairview
Lake Angel	Lake Lawne	Little Wekiva Canal
Lake Arnold	Lake Lawsona	Lucy Lake
Lake Baldwin	Lake Lorna Doone	Mud Lake
Lake Barber	Lake Lucerne	Park Lake
Lake Barton	Lake Lurna	Red Lake
Lake Beauty	Lake Mann	Rock Lake
Lake Beardall	Lake Mare Prairie	Shingle Creek
Lake Cane	Lake Michelle	Spring Lake (S.W. Lake Adair)
Lake Catherine	Lake Monterrey	Spring Lake (N. Big Sand Lake)
Lake Cay Dee	Lake Nona	Turkey Lake
Lake Cherokee	Lake of the Woods	Sandy Lake
Lake Como	Lake Olive	
Lake Concord	Lake Orlando	
Lake Conway	Lake Pamela	
Lake Copeland	Lake Pat	
Lake Daniel	Lake Pineloch	
Lake Davis	Lake Rabama	
Lake Debra	Lake Richmond	
Lake Dot	Lake Roper	
Lake Dover	Lake Rowena	
Lake Druid	Lake Sandy	
Lake Emerald	Lake Santiago	
Lake Eola	Lake Sarah	
Lake Estelle	Lake Shannon	
Lake Fairhope	Lake Stillinger	
Lake Fairview	Lake Sue	
Lake Farrar	Lake Sunset	

### **Total Maximum Daily Loads**

The list of impaired waters, Total Maximum Daily Loads (TMDLs), and Basin Management Action Plans (BMAPs) associated with the discharges from a permitted MS4 may change as more information is collected and analyzed. The permittee is ultimately responsible for identifying all TMDLs and BMAPs for which they are responsible under the requirements of Part V. of the permit.

#### **DEP TMDLs:**

<b>Waterbody</b>	<b>WBID <sup>(1)</sup></b>	<b>Pollutant(s) of Concern</b>
Lake Silver	3004D	TN & TP
Lake Lawne	3004C	TN & TP
Lake Adair	2997R	TN & TP
Little Econlockhatchee River	3001	Fecal Coliform
Little Wekiva Canal	3004	TN & BOD
Little Wekiva Canal	3004	Fecal Coliform
Bay Lake	3004G	TN & TP
Lake Holden	3168H	TN & TP

<sup>(1)</sup> WBID = Waterbody identification number.

The City of Orlando participates in the Lake Jesup Basin Management Action Plan (<https://storymaps.arcgis.com/collections/13098406288b45cc9ea410a1ad599c99?itm=4>).

The following website includes final Florida Department of Environmental Protection (Department, DEP) TMDL reports: <https://floridadep.gov/dear/water-quality-evaluation-tmdl/content/final-tmdl-reports>

The Department may have in development or in their TMDL workplan, TMDLs that may apply to the applicants' MS4 discharges. The following website identifies draft DEP TMDL reports: <https://floridadep.gov/dear/water-quality-evaluation-tmdl/content/draft-tmdls>.

The following websites may be used to search for DEP and EPA TMDLs:

- DEP TMDL Interactive Map  
<https://fdep.maps.arcgis.com/home/webmap/viewer.html?webmap=1b4f1bf4c9c3481fb2864a415fbeca77>
- Chapter 62-304, F.A.C.:  
<https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-304>
- EPA TMDL Interactive Map: <https://mywaterway.epa.gov/>

#### **5. REASONABLE ASSURANCE:**

The applicant has affirmatively provided the Department with reasonable assurance that the Stormwater Management Program will reduce the discharge of pollutants

from the MS4 to the Maximum Extent Practicable (MEP) in accordance with 40 Code of Federal Regulations (CFR) 122.26, paragraph 62-620.100(3)(m), F.A.C., and subsection 62-620.320(1) F.A.C.

## 6. BASIS FOR SPECIFIC PERMIT CONDITIONS

The stormwater element of the federal National Pollutant Discharge Elimination System (NPDES) program is mandated by Section 402(p) of the CWA, which is set out in the federal statutes at 33 U.S.C. Section 1342(p) and implemented through federal regulations including 40 CFR 122.26. Authorized by Section 403.0885, F.S., the Department's federally approved NPDES stormwater program is set out in various provisions within Chapters 62-4, 62-620, 62-621 and 62-624 of the F.A.C. The specific conditions established by this permit are intended to implement Section 402(p)(3)(B) of the CWA (33 U.S.C. 1251 et seq., as modified by the Water Quality Act of 1987, P.L. 100-4), which requires the Agency to effectively prohibit the discharge of non-stormwater into the MS4 and require the permittee to reduce the discharge of pollutants to the MEP. As required by Section 40 CFR 122.44(k), and adopted by reference in paragraph 62-620.100(3)(m), F.A.C the permittee is required to use Best Management Practices (BMPs) in the form of required pollution prevention measures and a comprehensive SWMP as the mechanism to implement the statutory requirements.

The implementation of BMPs, along with control techniques, system design, engineering methods and such other provisions as the permittee and the Department determine appropriate, taken together, shall comprise the SWMP. The various components of the SWMP, taken as a whole rather than individually, are expected to be sufficient to meet the MEP requirement.

The permittee is required to evaluate the effectiveness of their SWMP and make adjustments, as necessary, to reduce the discharge of pollutants to the MEP. The Department may require modifications to the permittee's SWMP to address impacts on receiving waterbodies if discharges from the MS4 cause or contribute to water quality violations. The Department may require more stringent requirements necessary to comply with new State or Federal statutory or regulatory requirements.

## 7. DISCUSSION OF CHANGES TO THE PERMIT FROM THE PREVIOUS ISSUANCE

1. Sections and subsections throughout the permit were reorganized to streamline content; select sections and subsections renamed for clarification; content revisions made throughout the permit for clarification.
2. Previous version Part I.A *Permit Area* title was removed.
3. Part I.A updated title to *Prohibited Discharges*; included previous version Part I.D *Limitations on Coverage* and Part II.A.7.a list of non-stormwater



discharges, from which ‘reclaimed water line flushing...’ and ‘flows from uncontaminated roof drains’ were removed for consistency with Rule 62-624.200, F.A.C. and 40 CFR 122.26(d)(2)(iv)(B)(1).

4. Part II revised to clarify the relationship between section 402(p)(3)(B) of the Clean Water Act, the MEP standard, narrative effluent limitations, and the iterative approach to make reasonable further progress toward permit goals consistent with EPA interpretation in 64 Federal Register 68722.
5. Content from previous version Part II.A *Stormwater Management Program (SWMP) Requirements* moved under Part III.A Stormwater Management Program.
6. Part II.A revised to describe SWMP requirements, permittee responsibilities, written Standard Operating Procedures (SOP) requirements, and permit modification procedures. Content from previous version Part II.G.3. - *Transfer of Ownership, Operational Authority, or Responsibility for Stormwater Management Program Implementation* is described within Part IX(14).
7. Part II.B – Legal Authority. Content reorganized and revised for clarification; legal authority requirements found in Part III of the previous version consolidated under this section.
8. Part II.B – Legal Authority. Added requirement to review existing legal authority as a component of the Year 4 Annual Report and permit reapplication.
9. Part II.C – Stormwater Management Program Resources. Revised to require fiscal analysis consistent with 40 CFR 122.26(d)(1)(vi); includes reporting in the Year 4 Annual Report and permit reapplication.
10. Part II.D – Recordkeeping Requirements. Consolidated general water quality monitoring data collection protocol and reporting requirements under this section.
11. Part II.E – Added the identification of Department-approved and permittee implemented TMDL implementation plans, Bacteria Pollution Control Plans (BPCP), and Basin Management Action Plan (BMAP) activities.
12. Part II.F – Deadlines for Program Compliance. Added a table that summarizes deadlines found throughout the permit.
13. Part III.A – Clarified that specific permit conditions under each numeric subsection are narrative effluent limitations.
14. Part III.A – Revised and/or clarified program, SOP, and reporting requirements in each subsection.

15. Part III.A.1.a – Revised to clarify major outfall mapping requirements.
16. Part III.A.1.b – Non-major Outfall Mapping. Added mapping requirements, consistent with 40 CFR 122.26(d)(1)(iii)(B)(I); includes mapping within five years of permit effective date.
17. Part III.A.1.c – MS4 Inspection & Maintenance. Added requirement for all inspections to include the identification of the presence or absence of illicit discharges, connections, or dumping; added requirement to evaluate segments or specific components of the MS4 for increased inspection frequencies if they have a history of illicit discharges, connections, or dumping. Possible maintenance activities from previous Table II.A.1.a included in this section.
18. Table III.A.1.c – Consolidated previous version ‘structural control’ and ‘frequency of inspection’ columns. Removed separate inspection frequency for new systems and systems with chronic problems for dry retention, dry detention, detention with filtration, grass treatment swales, under drain filter, and wet detention, exfiltration trench, and French drains.
19. Table III.A.1.c – Moved ditches, conveyance swales, and other conveyances into a row separate from catch basins, inlets, and grates; increased inspection frequency to once every five years.
20. Table III.A.1.c – Added non-major outfalls, channels, slab covered trenches, and permeable pavement; identified inspection frequencies and requirements.
21. Table III.A.1.c – Replaced language in previous version for pollution control boxes, stormwater pump stations, and major outfalls that reads: ‘unless historic operation records demonstrate that a more or less frequent schedule is appropriate’ with note describing the process to request a reduced inspection frequency for pollution control boxes, stormwater pump stations, or major outfalls.
22. Part III.A.1.d – Catch Basin, Inlet, and Grate Management. Subsection added requiring the development and identification of performance/operations-based inspection frequencies and evaluation criteria; includes evaluation procedures submission in the Year 1 Annual Report.
23. Part III.A.2 and 2.b – Roadways and Public Use Areas. Added public-use areas that have the potential to impact the MS4 to the Litter Control Program.
24. Previous version Part III.A.3 – Removed optional Adopt-a-Road and Pick-up events and reporting subsection.

25. Part III.A.3 – Consolidated requirements from previous version Part III.A.2 and III.A.4 within this section.
26. Part III.A.3.b – Post-Construction Stormwater Management subsection added; clarified development review requirements; moved Environmental Resource Permit (ERP) notification/confirmation requirements from previous version Part III.A.9.a to this section.
27. Part III.A.3.c – Land Development Regulations & Stormwater Ordinances. Added requirement to review and report on existing codes/regulations relative to low impact development, green stormwater infrastructure, Florida-Friendly Landscaping principles and operation and maintenance of private stormwater management systems.
28. Previous version Part III.A.4 *Flood Control Projects* activities moved to Part III.A.1.d – Catch Basin, Inlet, and Grate Management and Part III.A.3.a – Stormwater Management.
29. Part III.A.4.c – Certification, Licensing, and Training. Removed annual reporting requirement for pesticide, herbicide, and fertilizer application licensing and certifications.
30. Part III.A.5 – Illicit Discharge and Improper Disposal. Added list of allowed non-stormwater discharges or flows consistent with Rule 62-624.200, F.A.C., and 40 CFR 122.26(d)(2)(iv)(B)(I).
31. Part III.A.5.b – Illicit Discharge Detection & Elimination. Consolidated content from previous version Part III.A.7.c *Illicit Discharge and Improper Disposal* (proactive inspections and reactive investigation programs and SOPs) under single subsection.
32. Part III.A.5.c – Spill Prevention & Response. Moved reporting of sanitary sewer overflows and the number of notifications to the appropriate utility owner if wastewater contamination was suspected to impact the MS4 from previous version Part III.A.7.g *Limitation of Sanitary Sewer Seepage* to this section.
33. Part III.A.5.d – Limitation of Sanitary Sewer Contamination. Revised content to clarify this subsection applies to permittees that are the owner/operator of the sanitary sewer system; added language to operate and maintain the collection system in accordance with Chapter 62-604, F.A.C.
34. Part III.A.6 – High-Risk Runoff. Consolidated facility-related requirements found in previous version Part III.A.3, III.A.5, and III.A.8.
35. Part III.A.6.b – High-Risk Facilities. Added requirement to report facilities added or removed from the inventory.

36. Part III.A.7 – Construction Site Runoff. Revised content to clarify confirmation of DEP Construction Generic Permit (CGP) coverage can occur during construction site plan review or construction site inspection.
37. Part III.A.7.a – Site Planning & Best Management Practices. Clarified requirements for construction site plan review; clarified CGP referral requirements.
38. Part III.A.8 – Employee Training. Consolidated training related content from previous version Part III.A.7.c, III.A.7.d, and III.A.9.c under this subsection.
39. Part III.A.8.a – MS4 Inspector Training. Added requirement to develop training program for MS4 inspectors within 12 months.
40. Part III.A.8.d – Construction Training. Clarified training requirements for site plan reviewers, site inspectors, and site operators; revised reporting to clarify annual reporting for the total number of qualified active inspectors and the number of inspectors, operators, and reviewers that received annual training.
41. Part III.A.9 – Public Education & Outreach. Consolidated education and outreach related content from Part III.A.6, III.A.7.e, and III.A.7.f of the previous version under this subsection.
42. Part III.A.9 – Public Education & Outreach. Revised content to clarify this section includes material distribution to and/or events for the general public and businesses.
43. Part III.A.9 – Public Education & Outreach. Added required material distribution and/or activities on the impacts of trash/litter on the MS4 and downstream water bodies; added required material distribution and/or activities to encourage the proper maintenance of private stormwater systems and/or the promotion of LID/GSI.
44. Part III.A.9 – Public Education & Outreach. Added requirement for a minimum of quarterly dissemination of information to inform the public of HHW collection facility locations or events, and the types of materials collected.
45. Previous version Part VIII.B.1 BMAP language revised and moved to Part V.D.
46. Part V.A.1 – TMDL Prioritization Plan. Revised content to clarify that the list should contain all TMDL waterbodies to which the MS4 discharges; clarified that a WBID not previously prioritized will be prioritized in each permit cycle.

47. Part V.A.1– TMDL Prioritization Plan. Added instructions if there are no applicable waterbodies to prioritize.
48. Part V.A.2 – Alternative Restoration Plans. Added subsection including an option for prioritizing a Category 5 impaired waterbody in lieu of a TMDL waterbody during the permit cycle.
49. Part V.B.1 – MS4 Pollutant Loading Evaluation Plan. Added specific plan requirements for Storm Event Outfall Monitoring (V.B.1.a) and Targeted Water Quality Monitoring (V.B.1.c).
50. Part V.B.1.b. Added Pollutant Load Reduction Modeling as an option to evaluate load reductions relative to the TMDL MS4 wasteload allocation.
51. Previous version Part VIII.B.2.d *Supplemental SWMP* replaced by Part V.B.2 – TMDL Implementation Plan; consolidated specific plan requirements.
52. Part V.C.1 – Bacteria Source Identification Plan. Separated source identification activities from Bacteria Pollution Control Plan; added requirement to submit plan within six months of TMDL Prioritization Plan approval.
53. Part V.C.2 – Bacteria Pollution Control Plan. Revised to clarify plan requirements; revised submittal date to no later than the Year 4 Annual Report.
54. Part V.E.4 – Annual TMDL Reporting. Revised to clarify reporting applies to all TMDL Implementation plans (supplemental SWMP) or BPCPs approved in previous permit cycles.
55. Previous version Part V. *Assessment Requirements* changed to Part VI – Assessment Program. Content revised to clarify the program consists of three components: water quality monitoring, pollutant loading estimates, and SWMP evaluation.
56. Florida Stormwater Association Load Reduction Tool moved from previous version Part III.A.3 *Roadways* to Part VI.B.2.a.
57. Annual analysis of financial resources moved from previous version Part II.F. *Stormwater Management Program Resources* to Part VI.B.2.d.
58. Previous version Part V.B.5. Removed requirement to submit a copy of the Assessment Program as an attachment to the Year 4 Annual Report and Reapplication. Added Part VI.B.1, which requires the permittee to review existing Assessment Programs upon issuance of a new permit and submit an updated version with the Year 1 Annual Report if revisions were made to address any changes or new permit requirements for Assessment Programs.

59. Part VII.D – Added requirement to submit all reports electronically as provided in paragraph 62-620.100(3)(bb) and paragraph 62-620.100(3)(cc), F.A.C., when applicable.

60. Part X. – Definitions. Added definitions.

8. PERMIT SCHEDULES

See permit Part III - Schedules for Implementation.

9. ADMINISTRATIVE ORDERS AND CONSENT ORDERS

This permit is not accompanied by an administrative order and the permittee has not entered into a consent order with the Department.

10. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received, and additional information is available for public inspection during normal business hours at the location specified in item 12. Copies will be provided at a minimal charge per page.

## 11. PROJECT DECISION SCHEDULE FOR PERMIT ISSUANCE

[Rule 62-620.510, F.A.C.]

<b>EVENT</b>	<b>DATE</b>
Draft Permit/Fact Sheet to Applicant and EPA	<b>3/18/2025</b>
Applicant to Publish Public Notice of Draft Permit	*4/17/2025
Provide Proof of Publication of Draft Permit Notice	*5/1/2025
Public Comment Period Ends (no later than)	*5/17/2025
Intent to Issue (ITI) Permit/Fact Sheet to Applicant and EPA	*5/19/2025
Applicant to Publish Public Notice of ITI Permit (no later than)	*6/18/2025
Provide Proof of Publication of Notice of ITI Permit (no later than)	*6/25/2025
Public Petition Period Ends (no later than)	*7/2/2025
Final Permit to Applicant and EPA*	<b>*7/3/2025</b>

*\* These dates are target dates for planning – actual dates may vary.*

## 12. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Amanda Dyer  
Department of Environmental Protection  
NPDES Stormwater Program  
2600 Blair Stone Road, Mail Station 3585  
Tallahassee, FL 32399-2400  
Email: NPDES-MS4@floridadep.gov  
Telephone Number: 850-245-7566

## 13. PROCEDURES FOR THE FORMULATION OF FINAL DETERMINATIONS

### a. Public Comment Period

The Department of Environmental Protection proposes to re-issue an MS4 permit to the applicant subject to the conditions as noted in the Draft Permit. This decision is tentative and open to comment from the public.

The permit application file and supporting data are available online at:  
<https://prodenv.dep.state.fl.us/DepNexus/public/searchPortal>.

Interested persons are invited to submit written comments regarding permit issuance on the draft permit limitations and conditions through the DEP Business Portal at <https://www.fldepportal.com/DepPortal/go/submit-publiccomment>, by email [NPDES-MS4@floridadep.gov](mailto:NPDES-MS4@floridadep.gov), or mail:

Amanda Dyer  
Department of Environmental Protection  
NPDES Stormwater Program  
2600 Blair Stone Road, Mail Station 3585  
Tallahassee, FL 32399-2400

Any interested person may submit written comments on the Department's proposed permitting decision or may submit a written request for a public meeting to the address specified above, in accordance with Rule 62-620.555, F.A.C. The comments or request for a public meeting must contain the information set forth below and must be received in the above-named Department office, NPDES Stormwater Program within **30 days** of receipt or publication of the public notice. Failure to submit comments or request a public meeting within this time period will constitute a waiver of any right such person may have to submit comments or request a public meeting under Rule 62-620.555, F.A.C.

The comments or request for a public meeting shall contain the following information:

- (1) The commenter's name, address and telephone number, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (2) A statement of how and when notice of the draft permit was received;
- (3) A description of any changes the commenter proposes for the draft permit;
- (4) A full explanation of the factual and legal reasons for each proposed change to the draft permit; and
- (5) A request that a public meeting be scheduled (if applicable) including a statement of the nature of the issues proposed to be raised at the meeting.

All comments received within 30 days following the date of public notice, pursuant to Rule 62-620.550, F.A.C., will be considered in the formulation of the final decision with regard to permit issuance.

b. Public Meeting

The Department will hold a public meeting if there is a significant degree of public interest in the draft permit or if it determines that useful information and data may be obtained thereby. Public notice of such a meeting shall be published by the applicant at least **30 days** prior to the meeting.

If a public meeting is scheduled the public comment period is extended until the close of the public meeting. If a public meeting is held, any person may submit



oral or written statements and data at the meeting on the Department's proposed action.

c. Issuance of the Permit

The Department will make its decision regarding permit issuance after consideration of all written comments, including comments from the United States Environmental Protection Agency, all comments received during a public meeting, if held, and the Department's consideration of the requirements of Chapter 403, F.S., and appropriate rules. The Department will respond to all significant comments in writing. The Department's response to significant comments will be included in the administrative record of the permit and will be available for public inspection at the office of the Department.

Unless a request for an administrative hearing is granted, or an extension of time to file a petition for an administrative hearing, as indicated in d. below, is granted, the Department will take final agency action by issuing the permit or denying the permit application. If an administrative hearing is convened, final agency action will be based on the outcome of the hearing.

d. Administrative Hearing

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) to challenge the Department's decision in accordance with Section 120.57, F.S.

An administrative hearing is an evidentiary proceeding in which evidence is presented through testimony and exhibits before an independent hearing officer. The result of an administrative hearing is the issuance of the hearing officer's recommended order to the Department, including the hearing officer's findings of fact based on the evidence presented at the hearing. The Department will issue a final order, granting or denying the permit, based on the hearing officer's recommended order.

The petition for an administrative hearing must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of publication of notice of agency action or within 14 days of personal receipt of notice of agency action, whichever occurs first. The petitioner is to mail a copy of the petition to the applicant at the time of filing. Failure to file a petition within this time period will constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S. The petition is to contain the following information:

- (1) The name, address and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (2) A statement of how and when each petitioner received notice of the Department's action or proposed action;

- (3) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (4) A statement of the material facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (5) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (6) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in the notice of agency action. Persons whose substantial interests will be affected by any decision of the Department on the application have the right to petition to become a party to the proceeding, regardless of their agreement or disagreement with the Department's proposed action indicated in the notice of agency action.



# FLORIDA DEPARTMENT OF Environmental Protection

**Ron DeSantis**  
Governor

**Alexis A. Lambert**  
Secretary

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

## STATE OF FLORIDA MUNICIPAL SEPARATE STORM SEWER SYSTEM PHASE I PERMIT

**FACILITY NAME:** City of Orlando MS4

**PERMIT NUMBER:** FLS000014-005

**ISSUANCE DATE:** DRAFT

**EXPIRATION DATE:** DRAFT

**PERMITTEE:** City of Orlando  
400 South Orange Avenue  
P.O. Box 4990  
Orlando, FL 32801-4990

The federal National Pollutant Discharge Elimination System (NPDES) program is mandated by Section [402\(p\) of the Clean Water Act \(CWA\)](#), set forth in [U.S. Code Title 33 section 1342\(p\)](#) and implemented through [Title 40 Code of Federal Regulations \(CFR\) Part 122](#).

[Section 403.0885, Florida Statutes \(F.S.\)](#) authorizes the Florida Department of Environmental Protection (Department, DEP) to implement the federal NPDES program in the state of Florida. The permit is issued pursuant to [Section 403.0885, F.S.](#), and various provisions within chapters [62-4](#), [62-620](#), [62-621](#) and specifically [62-624, Florida Administrative Code \(F.A.C.\)](#), which addresses discharges of stormwater from [Municipal Separate Storm Sewer Systems](#) (MS4s) to surface waters of the State.

The permittee listed above is hereby authorized to discharge stormwater to waters of the State from all portions of the MS4 where they are the owner or operator. This shall be in accordance with the approved [Stormwater Management Program](#) (SWMP), effluent limitations, monitoring requirements, and other provisions as set forth in this permit, the permit application, and other documents attached hereto or on file with the Department and made a part hereof.

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## I. DISCHARGES AUTHORIZED UNDER THIS PERMIT

Except for discharges prohibited under Part I.A, this permit authorizes all stormwater [point source](#) discharges to surface waters of the State from those portions of the MS4 owned or operated by the permittee.

### A. Prohibited Discharges

Pursuant to [Section 403.0885, F.S.](#) and rules promulgated thereunder, and consistent with [Section 402\(p\)\(3\)\(B\)\(ii\) of the CWA](#), this permit does not authorize the following discharges:

1. *Non-stormwater*, except where such discharges are:
  - a. Authorized under the provisions of chapters [373](#) or [403, F.S.](#), or rules promulgated thereunder; or
  - b. Pursuant to an NPDES permit; or
  - c. Included within the following categories of non-stormwater discharges, consistent with [subsection 62-624.200\(2\), F.A.C.](#), provided they do not cause a violation of [water quality standards](#):
    - Water line flushing;
    - Landscape irrigation;
    - Diverted stream flows;
    - Rising ground waters;
    - Uncontaminated ground water infiltration (as defined at [40 CFR 35.2005\(20\)](#));
    - Uncontaminated pumped ground water;
    - Discharges from potable water sources;
    - Foundation drains;
    - Air conditioning condensate;
    - Irrigation water;
    - Springs;
    - Water from crawl space pumps;
    - Footing drains;
    - Lawn watering runoff;
    - Water from individual residential car washing;
    - Flows from riparian habitats and wetlands;
    - Dechlorinated swimming pool discharges;
    - Residual street wash waters; and
    - Discharges or flows from firefighting activities.
2. *Spills*. Discharges of material resulting from a spill, except where such discharges are:
  - a. The result of an Act of God where reasonable and prudent measures have been taken to minimize the impact of the discharge; or
  - b. An emergency discharge required to prevent imminent threat to human health or prevent severe property damage, where reasonable and prudent measures have been taken to minimize the impact of the discharge.

## II. STORMWATER POLLUTION PREVENTION AND MANAGEMENT PROGRAMS

This permit, pursuant to [Section 402\(p\)\(3\)\(B\) of the CWA](#), requires the effective prohibition of non-stormwater discharges to the MS4, and requires controls to reduce the discharge of pollutants to the Maximum Extent Practicable (MEP), including management practices, control techniques, system design and engineering methods, and other such provisions for the control of pollutants.

The MEP standard is applied to MS4s in recognition that an operator does not have total control over the quality or quantity of stormwater entering its system and ultimately entering surface waters of the State. Narrative effluent limitations expressed as [best management practices](#) (BMPs) to reduce pollutants to the MEP are generally the most appropriate form of effluent limitations when designed to satisfy technology requirements and to protect water quality.

Implementation of BMPs and other activities required by this permit constitutes compliance with narrative effluent limitations identified herein. Specific conditions identified in Part III serve as measurable and enforceable permit conditions. The permittee shall evaluate and, as necessary, adjust its SWMP through a data-driven assessment and iterative approach to make reasonable further progress toward the goal of reducing the discharge of pollutants to the MEP, protecting water quality, and satisfying the appropriate water quality requirements of the CWA.

### A. Stormwater Management Program

The permittee shall implement a SWMP that includes use of legal authority, written procedures, operation and maintenance of their MS4, pollution prevention measures, treatment or removal techniques, stormwater monitoring, and other appropriate means to reduce the discharge of pollutants from the MS4 to surface waters of the State to the MEP.

The permittee shall implement SWMP activities on areas for which they become responsible for implementation of stormwater quality controls as expeditiously as practicable.

Implementation of the SWMP may be achieved cooperatively with other public agencies or private entities. Written agreements shall clearly identify the respective agencies'/entities' roles and responsibilities, including the specific conditions of this permit, where applicable.

1. The permittee is responsible for:
  - Implementation of their SWMP in the MS4 service area where they are the owner or operator;
  - Compliance with permit conditions relating to discharges from portions of the MS4 where they are the owner or operator;
  - Creation and retention of documentation of inspection observations and activities performed to implement SWMP elements;
  - Collection of monitoring data as required by Parts V and VI;
  - A plan of action to assume responsibility for implementation of SWMP activities or monitoring programs on their portions of the MS4, should written agreements or contracts allocating responsibility between agencies/entities be dissolved or in default, as applicable; and
  - Submission of annual reports as specified in Part VII.

2. The permittee shall maintain written SWMP [Standard Operating Procedures](#) (SOPs) that describe activities identified and required in Part III.A. Additionally, each SOP shall:
  - Identify the department or entity responsible for conducting the activities contained therein;
  - Include copies of any applicable interjurisdictional agreements and/or contracts allocating responsibility for SWMP activities;
  - Be available to the Department upon request in accordance with [Rule 62-620.610, F.A.C.](#);
  - Be reviewed annually and updated as needed to ensure procedures are current; and
  - Include a reviewed or revised upon date.

The permittee shall develop and/or update all SWMP SOPs to include and/or address all permit-required content specified in Part III, below, within 12 months of permit issuance.

3. The permittee may modify the SWMP during the permit cycle in accordance with the following procedures:
  - a. Modifications adding BMPs or increasing frequencies to SWMP activities may be made by the permittee at any time. A description of the modification shall be noted in the subsequent ANNUAL REPORT.
  - b. Permittees shall make a written request to the Department for a proposed reduction to a SWMP activity. Reductions shall not be implemented until approved by the Department.
  - c. Written SWMP SOPs shall be updated to reflect modifications.

### **REPORTING**

In each ANNUAL REPORT, provide for each SWMP activity:

- Title or description of source documents;
- Responsible department/entity;
- Date each SOP was reviewed; and
- SWMP revisions, if applicable.

### **B. Legal Authority**

The permittee shall effectively prohibit non-stormwater discharges to the MS4 pursuant to [Section 402\(p\)\(3\)\(B\)\(ii\) of the CWA](#). To the extent allowed by law, the permittee shall maintain legal authority to control discharges to and from the MS4.

This legal authority may be through a combination of statute, ordinance, land development code, permit, contract, policy, order or inter-jurisdictional agreement between permittees, or similar means, provided regulatory mechanisms are established to:

1. Prohibit illicit discharges and illicit connections to the MS4;
2. Control the contribution of pollutants to the MS4 by stormwater discharges associated with industrial activities and the quality of stormwater discharged from these facilities/sites;
3. Control the contribution of pollutants to the MS4 by stormwater discharges associated with new development or redevelopment projects by requiring stormwater quality considerations; requirements shall be at least as stringent as the requirements set forth in [Chapter 62-330, F.A.C.](#);



4. Control the contribution of pollutants to the MS4 by stormwater discharges associated with construction activities by requiring the use and maintenance of appropriate structural and non-structural erosion, sedimentation, and waste controls and the quality of stormwater discharged from these facilities/sites;
5. Control the discharge of spills, illegal dumping, and improper disposal into the MS4;
6. Control through interagency or inter-jurisdictional agreements between permittees the contribution of pollutants from one MS4 to another;
7. Require compliance with conditions in permittee regulatory mechanisms; and
8. Carry out inspection, surveillance, monitoring and enforcement procedures necessary to implement the conditions found in this permit.

If existing regulatory mechanisms are not sufficient to meet these criteria, the permittee shall identify additional authorities necessary to meet the criteria and develop a schedule to seek such authority.

#### **REPORTING**

With the Year 4 ANNUAL REPORT and reapplication, submit a copy or citations of the regulatory mechanisms used to accomplish items 1-8 above.

#### **C. Stormwater Management Program Resources**

The permittee shall conduct a fiscal analysis of the necessary capital and operation and maintenance expenditures to ensure adequate financial resources to effectively implement the SWMP and comply with permit conditions for each fiscal year. In accordance with [40 CFR 122.26\(d\)\(2\)\(vi\)](#), the analysis shall include a description of the source of funds that are proposed to meet the necessary expenditures, including legal restrictions on the use of such funds.

#### **REPORTING**

With the Year 4 ANNUAL REPORT and reapplication, submit a copy of the fiscal analysis.

#### **D. Recordkeeping Requirements**

1. The permittee shall maintain records of SWMP activities for a minimum of three years from the date the report or record was prepared in accordance with [Rule 62-620.350, F.A.C.](#), including:
  - All reports required by this permit;
  - Records of all data, including reports and documents used to complete the reapplication for the permit and annual reports; and
  - All original recordings for any continuous monitoring instrumentation.
2. The permittee shall maintain all field sampling and analytical records:
  - a. Field testing, sample collection, preservation, laboratory testing, including quality control procedures and all recordkeeping, shall be maintained for at least five years from the date of sampling or measurement in accordance with the quality assurance protocols in [Rule 62-160.340, F.A.C](#) and [Rule 62-160.240, F.A.C.](#)
  - b. Ambient monitoring data collected from state waters shall be entered into the Department's

[Watershed Information Network](#) within one year of collection in accordance with [subsection 62-40.540\(3\), F.A.C.](#)

**E. Area-specific Stormwater Management Program Requirements**

**TABLE I.E. Existing BMAP and TMDL Activities**

Waterbody	Pollutant of Concern	Notes
Lake Jesup Basin	TN & TP	<a href="#">Basin Management Action Plan</a> (BMAP) adopted April 2010
Lake Silver (WBID <sup>(1)</sup> 3004D)	TN & TP	TMDL implementation plan initiated in Cycle 3
Lake Lawne (WBID 3004C)	TN & TP	TMDL implementation plan initiated in Cycle 4

<sup>(1)</sup> WBID = Waterbody identification number.

**F. Deadlines for Program Compliance**

Except where otherwise provided, implementation of the SWMP shall be required upon permit issuance.

**TABLE I.F. Permit Compliance Milestones Summary**

<b>Deadline</b>	<b>Permit Part</b>	<b>Submission Due</b>
Within six months of permit issuance	V.A	TMDL Prioritization Plan
Within six months of TMDL Prioritization Plan Approval	V.B.1.	MS4 Pollutant Loading Evaluation Plan OR Bacteria Source Identification Plan, if applicable.
Within 12 months of permit issuance	II.A.2.	Develop and/or update all SOPs.
Within 12 months of permit issuance	III.A.8.a.	Develop and implement MS4 Inspector Training.
With the Year 1 Annual Report	III.A.1.c.	Catch basin, inlet, and grate evaluation procedures.
With the Year 1 Annual Report	VI.B.1.	Revised Assessment Program, if applicable.
With the Year 2 Annual Report	III.A.3.c.	Summary of interdepartmental review to further reduce impacts of stormwater discharges to the MS4 from new development and areas of significant redevelopment.
With the Year 2 Annual Report	III.A.4.a.	Citation for Florida-Friendly Fertilizer ordinance, or similar, if applicable.
With the Year 2 Annual Report	III.A.4.a.	Summary of interdepartmental review to further reduce the impacts of pesticides, herbicides, and fertilizer.
With the Year 3 Annual Report	VI.B.3.	Pollutant loading comparison.
With the Year 4 Annual Report	II.B	Copy/citation of all regulatory mechanisms.
With the Year 4 Annual Report	II.C	Fiscal analysis.
With the Year 4 Annual Report	V.B	TMDL Implementation Plan, BPCP, ARP, as applicable.
With the Year 4 Annual Report	VI.B.3.	Plan to address increased loadings, if applicable.
With the Year 4 Annual Report	VI.B.4.	Results of Assessment Program and SWMP Evaluation.
With the Year 4 Annual Report	VII.C.1.	Permit reapplication statement.

### III. SCHEDULES FOR IMPLEMENTATION

The specific permit conditions outlined in Part III represent narrative effluent limitations of the permit.

#### A. Stormwater Management Program

The permittee shall comply with the following specific conditions for SWMP implementation and compliance with this permit:

##### 1. MS4 Operations

Operate and maintain all stormwater conveyance, collection, and treatment systems and components owned or operated by the permittee to ensure proper function and to reduce the discharge of pollutants, including floatables, settleable trash and debris, from the MS4.

##### a. Major Outfall Mapping

Maintain an up-to-date map or geographic information system (GIS) dataset that depicts all known [major outfalls](#).

The outfall map shall be at a scale to allow the Department to determine the spatial surroundings and show a unique identifier for each outfall.

##### REPORTING

In each ANNUAL REPORT, provide updates on major outfalls added to or removed from the map, to include:

- Unique object ID for each major outfall; and
- Spatial coordinates (lat/long) or GIS layer/shapefile for each major outfall.

##### b. Non-major Outfall Mapping

Develop and maintain an up-to-date map or GIS dataset that depicts all known [non-major outfalls](#) (outfalls that do not meet the definition of major outfall).

The outfall map shall be at a scale to allow the Department to determine the spatial surroundings and show a unique identifier for each outfall.

The permittee shall complete mapping of non-major outfalls within five years of permit issuance.

##### REPORTING

In each ANNUAL REPORT, provide updates on non-major outfalls added to or removed from the map, to include:

- Unique object ID for each non-major outfall; and
- Spatial coordinates (lat/long) or GIS layer/shapefile for each non-major outfall.

##### c. MS4 Inspection & Maintenance

Conduct inspections and maintenance to ensure MS4 components operate as designed and to reduce the discharge of pollutants from the MS4.

Inspections and maintenance for each component of the MS4 shall occur at appropriate frequencies

to ensure the proper operation, and at a minimum according to the inspection frequencies described in Table III.A.1.c., below.

Inspections of each structure shall include the inspection activities described in Table III.A.1.c., below. All MS4 components shall be maintained to ensure proper function and to reduce the discharge of pollutants from the MS4.

All inspections shall include the identification of the presence or absence of illicit discharges, illicit connections, or illegal dumping. Segments or specific components of the MS4 that have a history of illicit discharges, illicit connections, illegal dumping, or a history of debris, sediment, or trash accumulation shall be evaluated for increased inspection frequencies.

**The MS4 Inspection & Maintenance Program shall consist of:**

- An up-to-date inventory or map of all structural controls, conveyances, collection systems, treatment systems, and other components that comprise the MS4. This includes, but is not limited to, applicable components listed in Table III.A.1.c.;
- A schedule for routine inspections and maintenance for all MS4 components;
- Inspection procedures for each MS4 component type in accordance with Table III.A.1.c.;
- Maintenance procedures for each MS4 component type, as applicable, but not limited to:
  - The identification of thresholds or conditions (including debris levels) that trigger maintenance to ensure that MS4 components are operating as designed;
  - Where individual stormwater management systems are permitted under [Chapter 62-330, F.A.C.](#), maintenance shall occur in accordance with the system permit;
  - The removal of trash and debris from inflow and outflow structures, trash racks, and other system components to prevent clogging, impeded flow, or the discharge of pollutants;
  - The removal of accumulated sediment from the bottom of inflow/outflow pipes;
  - Maintaining healthy vegetative cover and stabilizing soil to prevent erosion in the bottom, side slopes or around inflow and outflow structures; mowing as needed;
  - Maintaining substrate/vegetation to ensure appropriate infiltration rates; and
  - Ensuring MS4 maintenance activities do not cause or contribute to surface water quality violations.
- Procedures to ensure MS4 maintenance activities do not cause or contribute to surface water quality violations:
  - Stormwater system sediments and liquids from dewatering shall be handled and disposed of in accordance with the rules and regulations discussed in the Department's [Guidance For The Management Of Street Sweepings, Catch Basin Sediments and Stormwater System Sediments](#) (2004, or current version);
  - Oils and greases or other materials removed during routine maintenance shall be disposed of at a sanitary landfill or by other lawful means;
  - Litter must be collected before mowing to prevent dispersal of trash.
- Procedures to document and track inspections and maintenance activities;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

Note: The maintenance activities above are not intended to address every possible maintenance

activity that may be required to ensure that an MS4 component operates as designed.

### **REPORTING**

In each ANNUAL REPORT, provide:

- The current known number, area, or linear distance of each component in the MS4 inventory;
- The number, area, or linear distance of inspections conducted for each applicable component identified in Table III.A.1.c.;
- The percentage of each component in the MS4 inventory inspected; and
- The number, area, or linear distance maintained for each applicable component identified in Table III.A.1.c.

**TABLE III.A.1.c. MS4 Minimum Inspection Frequencies**

<b>MS4 Component: Minimum Inspection Frequency</b>	<b>Inspection Activities</b>
<a href="#"><u>Alum Injection Systems:</u></a> Monthly	<ul style="list-style-type: none"> <li>• Inspect and maintain as outlined in the system operation and maintenance manual/plan.</li> </ul>
<a href="#"><u>Pollution Control Boxes (PCB):</u></a> Quarterly*	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation at inflow/outflow structures, screens, and within the PCB to prevent loss of storage volume or impacts on flow or operation.</li> <li>• Inspect for structural deficiencies that would prevent proper flow conditions or operation.</li> <li>• Inspect absorbent materials to determine if they need replacement, as applicable.</li> </ul>
<a href="#"><u>Stormwater Pump Stations:</u></a> Semi-Annually*	<ul style="list-style-type: none"> <li>• Inspect pumps as outlined in the system operation and maintenance manual/plan.</li> <li>• Inspect for debris/litter/sediment accumulation in the wet well, at inlets, bar screens, and other associated components to prevent loss of storage volume or impacts on flow or operation.</li> </ul>
<a href="#"><u>Major Outfalls:</u></a> Annually*	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent impacts on flow or operation.</li> <li>• Inspect for damaged headwalls, signs of undercutting or settling, damaged or clogged riprap, as applicable.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> </ul>
<a href="#"><u>Non-Major Outfalls:</u></a> Once every five years	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent impacts on flow or operation.</li> <li>• Inspect for damaged headwalls, signs of undercutting or settling, damaged or clogged riprap, as applicable.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> </ul>
<a href="#"><u>Canals</u></a> and <a href="#"><u>Channels:</u></a> Annually	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation and excessive aquatic plant growth that may cause loss of storage volume or impacts on flow or operation.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> </ul>

<a href="#">Dry Retention Systems;</a> <a href="#">Dry Detention Systems;</a> <a href="#">Detention with Filtration Systems;</a> <a href="#">Grass Treatment Swales;</a> <a href="#">Under Drain Filter Systems:</a>  Once every three years	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation at inflow/outflow structures, trash racks, other associated components and on the bottom to prevent loss of storage volume or impacts on flow or operation.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> <li>• Inspect for proper storage volume recovery after rainfall.</li> <li>• Inspect for undercutting, settling or damage at inflow/outflow structures, diversion devices and other system components to prevent impacts on operation of the system.</li> <li>• Inspect bottom and side slopes to ensure vegetation is healthy and maintaining coverage.</li> <li>• Inspect for compaction or obstructed flow.</li> </ul>
<a href="#">Wet Detention Systems:</a>  Once every three years	<ul style="list-style-type: none"> <li>• Inspect for excessive aquatic plant growth that may cause loss of storage volume or impacts on flow or operation.</li> <li>• Inspect vegetation of side slopes to ensure it is healthy and maintaining coverage.</li> <li>• Inspect littoral plantings and vegetative buffers to ensure they are maintained as designed.</li> <li>• Inspect for debris/litter/sediment accumulation at inflow/outflow structures and on the bottom to prevent loss of storage volume or impacts on flow or operation.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> <li>• Inspect for storage volume recovery after rainfall.</li> <li>• Inspect for undercutting, settling or damage at inflow/outflow structures.</li> </ul>
<a href="#">Exfiltration Trenches;</a> <a href="#">French Drains;</a> <a href="#">Slab Covered Trenches:</a>  Once every three years	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation at separation traps, catch basins, diversion devices, overflow weirs, pipes and/or other system components, as applicable to prevent loss of storage volume or impacts on flow and operation.</li> <li>• Inspect for storage volume recovery.</li> </ul>
<a href="#">Catch Basins;</a> <a href="#">Inlets;</a> Grates:  In accordance with Part III.A.1.d., below	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent loss of storage volume or adverse impacts on flow and operation.</li> <li>• Inspect for structural deficiencies that would prevent proper flow conditions or operation.</li> </ul>
<a href="#">Ditches;</a> <a href="#">Conveyance swales;</a> Other Conveyances:  Once every five years	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent impacts on flow and operation.</li> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> <li>• Inspect for vegetation that may interfere with proper function.</li> </ul>
Pipes; <a href="#">Culverts:</a>	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent impacts on flow and operation.</li> </ul>

Once every 10 years	<ul style="list-style-type: none"> <li>• Inspect for erosion/subsidence on embankment or side slopes.</li> <li>• Inspect for vegetation that may interfere with proper function.</li> </ul>
<u>Permeable Pavement:</u>  In accordance with design plans or permittee SOP	<ul style="list-style-type: none"> <li>• Inspect for ponding to ensure they are maintained as designed.</li> <li>• Inspect for sediment accumulation / plant growth that may inhibit infiltration.</li> <li>• Inspect for cracks and raveling.</li> <li>• Inspect for uneven settling or subsidence.</li> </ul>
<u>Weirs;</u> Channel control structures; Other appurtenances:  In accordance with the frequency for the type of stormwater control or system with which it is associated	<ul style="list-style-type: none"> <li>• Inspect for debris/litter/sediment accumulation to prevent loss of storage volume or impacts on flow and operation.</li> </ul>

\*Any inspection frequency less than that identified in Table III.A.1.c. shall be approved by the Department prior to implementation, and not exceed the five-year permit cycle. The permittee shall demonstrate that historic operation and maintenance records indicate a less frequent inspection schedule is appropriate and that the stormwater management system will continue to function as designed and permitted with the reduced inspection frequency. The written SOP shall be updated to indicate approved inspection frequencies and include approval documentation.

#### **d. Catch Basin, Inlet, and Grate Management**

Develop procedures to evaluate [catch basins](#), [inlets](#), and grates to determine the appropriate inspection and/or maintenance frequency to reduce the amount of trash, sediment, and other debris collected within, and discharged from, the MS4. Conduct inspections and maintenance according to permittee-developed evaluation criteria.

Inspections for each catch basin, inlet, and grate shall occur a minimum of once every five years and in accordance with the inspection activities in Table III.A.1.c. All catch basins, inlets, and grates shall be maintained to ensure proper operation.

##### **Evaluation procedures shall:**

- Include the categorization of catch basins, inlets, and grates based on permittee-identified criteria;
- Identify an inspection frequency for each category as determined by the permittee to be necessary or appropriate, at a minimum once every five years; and
- Incorporate criteria to identify the need and feasibility of upgrading catch basins, inlets, and grates with appropriate upgrades or retrofits to reduce pollutants in stormwater discharges.

The permittee-developed evaluation procedures and inspection frequencies shall be incorporated into the written SOP for MS4 inspection and maintenance identified in Part III.A.1.c., above.

#### **REPORTING**

With the Year 1 ANNUAL REPORT, submit a copy of the catch basin, inlet, and grate evaluation procedures.

In each ANNUAL REPORT, provide the number of components upgraded or retrofitted.



**2. Roadways and Public Use Areas**

Implement controls for permittee streets, highways, rights-of-way, parks and other public-use areas to prevent organic material, sediments, debris, and litter from entering the MS4.

**a. Street Sweeping Program**

Implement a program to conduct street sweeping on permittee-operated streets, highways, and other rights-of-way that have curb and gutter.

**The Street Sweeping Program shall consist of:**

- Criteria for determining roadways/areas to be swept and associated frequency of sweeping for each;
- A map or list of the roadways/areas and total miles to be swept;
- Procedures for temporary storage and proper disposal of materials collected in accordance with the rules and regulations discussed in the Department's [\*Guidance For The Management Of Street Sweepings, Catch Basin Sediments and Stormwater System Sediments\*](#) (2004, or current version);
- Procedures to track the total miles swept and quantity of material collected (volume or weight);
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The current known miles of roadways/rights-of-way to be swept;
- The total miles swept; and
- An estimate of the quantity of sweeping material collected.

**b. Litter Control Program**

Conduct litter control on permittee-operated rights-of-way, as well as parks and other [public use areas](#) that have the potential to impact the MS4. Litter shall be collected before mowing to prevent dispersal of trash.

**The Litter Control Program shall consist of:**

- Criteria for determining collection frequencies for litter control areas;
- A map or list of areas and frequency of activities for each area;
- Procedures for the management of trash in public use areas;
- Procedures for temporary storage and proper disposal of collected litter;
- Procedures to track litter control activities and amount of litter removed;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- An estimate of the linear distance / area cleaned; and
- An estimate of the quantity of litter collected.

**c. Road Repair & Maintenance**

Use appropriate stormwater erosion, sedimentation, and waste controls for road repair and maintenance activities that may adversely impact the MS4; this includes use of BMPs from the Department's [Florida Stormwater Erosion and Sedimentation Control Inspectors Manuals](#), (current versions), and from the [State of Florida Erosion and Sediment Control Design and Review Manual](#) (State Erosion and Sediment Control Task Force, 2013) until disturbed areas are stabilized.

**3. Stormwater Management**

Implement controls to reduce the discharge of pollutants from portions of the MS4 that receive stormwater from areas of new development and significant redevelopment.

**a. Comprehensive Planning and Development**

Adhere to the requirements of local codes and regulations that incorporate stormwater quality considerations into land-use planning and development activities in accordance with Part II.B.3.

Adhere to policies of the local Comprehensive Plan developed in accordance with [Chapter 163 F.S.](#)

Maintain a list of stormwater capital improvement projects or flood control projects being considered by the permittee.

**b. Post-Construction Stormwater Management**

Review new development and [significant redevelopment](#) project applications for compliance with codes, land development regulations, and other regulatory mechanisms that require stormwater controls after construction is completed.

**The Post-Construction Stormwater Management Program shall consist of:**

- A regulatory mechanism in accordance with Part II.B to control the contribution of pollutants to the MS4 by stormwater discharges associated with new development or redevelopment projects by requiring stormwater quality treatment considerations;
- An application review process;
- Notification to applicable project applicants that they may need to obtain Environmental Resource Permit (ERP) coverage pursuant to [Chapter 62-330, F.A.C.](#);
- Confirmation that ERP coverage has been obtained, as applicable (local approvals are not contingent upon obtaining an ERP);
- Procedures for identifying and referring to the appropriate permitting authority those sites suspected of requiring but not having ERP coverage;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of applications reviewed for post-construction stormwater management and the number approved;
- The number of applicants notified of the need to obtain ERP coverage;
- The number of applicable projects confirmed for ERP coverage; and
- The number of referrals completed.

**c. Land Development Regulations & Stormwater Ordinances**

The permittee shall conduct an interdepartmental review of current codes and land development regulations to:

- Identify potential changes to be considered for adoption to further reduce impacts of stormwater discharges to the MS4 from areas of new development and significant redevelopment;
- Ensure stormwater attenuation and treatment requirements in local land-use planning and development codes and regulations are at least as stringent as the requirements set forth in in [Chapter 62-330, F.A.C.](#);
- Identify language that could be strengthened to require or improve operation and maintenance of private stormwater management systems that discharge to the MS4; and
- Identify existing language that may be prohibitive of [low impact development](#) (LID), [green stormwater infrastructure](#) (GSI), or adherence to the principles of the UF/IFAS [Florida Friendly Landscaping](#) (FFL) program; and identify potential changes to promote or incentivize LID, GSI, and FFL principles.

The review may include strengthening standards to account for receiving waterbody impairment status.

**REPORTING**

With the Year 2 ANNUAL REPORT, submit a summary of the interdepartmental review that includes:

- All applicable local code and regulation citations reviewed, with a description of each;
- The identification of language that may be strengthened to improve private stormwater management systems operation and maintenance;
- The identification of language that may be prohibitive of LID, GSI, or FFL practices;
- A description of proposed changes recommended for incorporation into codes or regulations; and
- A schedule for reviewing and/or adopting the recommended changes.

**4. Pesticides, Herbicides, and Fertilizer**

Implement controls to reduce the impact of pesticide, herbicide, and fertilizer application on discharges to and from the MS4.

**a. Ordinances**

All local governments located within the watershed of a nutrient-impaired waterbody shall adopt the Department's [Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes](#) pursuant to [Section 403.9337, F.S.](#), or an ordinance that includes all of the elements set forth in the Model Ordinance. The requirements in this section apply to impaired waterbodies established as of the effective date of this permit.

If located within a watershed of a nutrient-impaired waterbody, the ordinance shall be adopted within 24 months of the date of permit issuance.

Pursuant to [Section 403.9337, F.S.](#), all local governments are encouraged to adopt a Florida-Friendly Landscaping Ordinance similar to the one set forth in the [Florida-Friendly Guidance Models for](#)

*Ordinances, Covenants and Restrictions.* This model ordinance incorporates Florida-Friendly landscaping and irrigation design requirements, Florida-Friendly fertilizer requirements, and training and certification requirements.

The permittee shall conduct an interdepartmental review of the permittee's current local codes and ordinances to identify potential changes to further reduce the impacts of pesticides, herbicides, and fertilizer.

### **REPORTING**

With the Year 2 ANNUAL REPORT, submit:

- A citation for the adopted Florida-Friendly Fertilizer ordinance(s);
- A summary of the review activity that includes:
  - All applicable code and regulation citations reviewed, with a description of each;
  - A description of proposed changes identified; and
  - A schedule for reviewing/adopting recommended changes.

#### **b. Pesticide, Herbicide, and Fertilizer Application**

Implement procedures to properly store, mix, and apply pesticides, herbicides, and fertilizers on permittee-owned property, including parks and recreation areas, as well as minimize their use.

If the permittee owns or operates one or more golf courses, the courses shall be operated in a manner consistent with the Department's *Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses* (2007, or current version).

#### **The Pesticide, Herbicide, and Fertilizer Application Program shall consist of:**

- BMPs to minimize the use and application of pesticides, herbicides, and fertilizer;
- Procedures to maintain an inventory of pesticides, herbicides, and fertilizers;
- Procedures to ensure proper storage and mixing of products;
- Procedures for the use of efficient chemical management practices such as drift-retardants and applying products during appropriate weather conditions;
- Procedures to maintain Restricted Use Pesticide (RUP) application records in accordance with *Rule 5E-9.032, F.A.C.*;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

#### **c. Certification, Licensing, and Training**

Require proper certification and licensing by the Florida Department of Agriculture and Consumer Services for all applicators contracted to apply pesticides or herbicides (commercial applicator) on permittee-owned property, as well as any permittee personnel (public applicator) employed in the application of these products.

All permittee personnel that apply fertilizer shall be trained through the *UF/IFAS Green Industry BMP Program*. A permittee who contracts the application of fertilizer shall use only commercial applicators that have obtained a limited certification for urban landscape commercial fertilizer application under *Section 482.1562, F.S.*

Maintain an up-to-date roster of permittee personnel and contractors that apply pesticides,

herbicides, and fertilizer on permittee-owned property or copies of applicable licenses/certifications for each applicator.

## **5. Illicit Discharges and Improper Disposal**

Implement controls to prohibit and eliminate [illicit discharges](#), illicit connections, improper disposal and illegal dumping to the MS4.

The permittee may allow the following non-stormwater discharges or flows provided they do not cause a violation of water quality standards or are not otherwise identified by the permittee as sources of pollutants to the MS4:

- Water line flushing;
- Landscape irrigation;
- Diverted stream flows;
- Rising ground waters;
- Uncontaminated ground water infiltration (as defined at [40 CFR 35.2005\(20\)](#));
- Uncontaminated pumped ground water;
- Discharges from potable water sources;
- Foundation drains;
- Air conditioning condensate;
- Irrigation water;
- Springs;
- Water from crawl space pumps;
- Footing drains;
- Lawn watering runoff;
- Water from individual residential car washing;
- Flows from riparian habitats and wetlands;
- Dechlorinated swimming pool discharges;
- Residual street wash water; and
- Discharges or flows from fire fighting activities.

Continue assessments of non-stormwater discharges listed above, as well as any other non-stormwater discharges, allowed to be discharged to the MS4.

### **a. Dry Weather Field Screening**

\*\*\*RESERVED\*\*\*

### **b. Illicit Discharge Detection & Elimination**

Implement a program(s) to detect and eliminate illicit discharges/connections to the MS4 through proactive inspections and investigations of reported illicit discharges, connections or dumping.

If the permittee determines or suspects that a facility does not have coverage as required under the Department's Multi-Sector Generic Permit (MSGP; [subsection 62-621.300\(5\), F.A.C.](#)), it shall refer the facility to the Department's [NPDES Stormwater Program](#).

**The Illicit Discharge Detection & Elimination (IDDE) Program(s) shall consist of:**

- A regulatory mechanism in accordance with Part II.B to prohibit illicit discharges to the MS4;
- A list of priority areas that have the potential to adversely impact the MS4, or which demonstrate repeated occurrences of illicit discharges/connections/dumping;
- A description of the frequency or schedule for proactive inspections of priority areas;
- Procedures to conduct inspections;
- A reporting mechanism(s) for the public and personnel to report suspected illicit discharges/connections;
- Procedures to investigate reports of illicit discharges/connections/dumping;
- Procedures for elimination or enforcement of illicit discharges, including the use of referrals to the appropriate jurisdictional authority;
- Procedures to document and track inspections, complaints, investigations, referrals and enforcement;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of proactive inspections conducted;
- The number of reports of illicit discharges received from the public;
- The number of investigations conducted;
- The number of illicit discharges/connections found and resolved;
- The number of enforcement actions taken; and
- The number of referrals completed.

**c. Spill Prevention & Response**

Implement a program(s) to prevent, respond to, and safely contain spills that discharge, or have the potential to discharge, to the MS4, including roadways. Spills may include chemical or sanitary sewer releases.

**The Spill Prevention & Response Program(s) shall consist of:**

- A regulatory mechanism(s) in accordance with Part II.B;
- A description of actions to be taken to minimize or prevent spills from reaching the MS4 until a spill control or emergency response entity responds;
- Procedures for notifying the control entity responsible for spill response, including the appropriate utility owner if wastewater contamination is suspected in the MS4;
- A description of cleanup procedures for spills that impact the MS4;
- Procedures to document and track spills and spill response;
- Dedicated personnel and resources or identified spill response and control entity; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of spills that impacted the MS4;

- The number of spills that were sanitary sewer overflows (SSOs);
- The number of spills cleaned / SSOs resolved; and
- The number of notifications to the appropriate utility owner if wastewater contamination was suspected to impact the MS4.

#### **d. Limitation of Sanitary Sewer Contamination**

Operate and maintain the collection system in accordance with [Chapter 62-604, F.A.C.](#) Implement a program to reduce or eliminate sanitary wastewater contamination into the MS4, including discharges from SSO and incidents related to inflow/infiltration (I&I) as defined in [subsection 62-620.200\(8\) and \(9\), F.A.C.](#) from sanitary sewer collection and transmission systems.

##### **The Limitation of Sanitary Sewer Contamination Program shall consist of:**

- Activities to reduce sanitary wastewater contamination from SSOs and I&I;
- Procedures to clean up spills to the MS4 from SSOs;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

#### **REPORTING**

In each ANNUAL REPORT provide:

- The type and number of activities undertaken to reduce SSOs and I&I;
- The number of I&Is discovered; and
- The number of I&Is repaired/resolved.

#### **6. High-Risk Runoff**

Implement controls to reduce pollutants in stormwater discharged from municipal, industrial, and high-risk facilities to the MS4.

If the permittee determines or suspects that a facility does not have coverage as required under the Department's MSGP, it shall refer the facility to the Department's [NPDES Stormwater Program](#).

#### **a. Municipal Facilities**

Identify applicable permittee-owned facilities, determine the necessary stormwater pollution control measures and procedures to be employed at each facility, and conduct inspections for the implementation of these controls. Site specific monitoring, as described in Part III.A.6.c., may be required.

Inspect permittee facilities that handle municipal waste, and facilities from which roadway, MS4, and fleet maintenance is conducted, as applicable:

- Operating municipal landfills;
- Municipal waste transfer stations;
- Municipal waste fleet maintenance facilities;
- Other facilities used for the temporary storage of waste; and
- Facilities that support roadway and MS4 maintenance.

**The Municipal Facilities Program shall consist of:**

- An inventory of applicable facilities and their activities / potential pollution sources;
- Structural and/or non-structural stormwater BMPs for each activity at each site;
- Procedures to conduct annual inspections for proper implementation of BMPs;
- Procedures to document and track inspections and corrective action;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

\*For municipal facilities that have MSGP coverage, the Stormwater Pollution Prevention Plan and inspections/monitoring of the MSGP may be used to meet the program requirements.

**REPORTING**

In each ANNUAL REPORT, provide:

- The list of facilities;
- The number of inspections conducted for each facility; and
- The identification of deficiencies and/or corrective actions.

**b. High-Risk Facilities**

Identify facilities that have the potential to contribute substantial pollutant loadings to the MS4.

This includes, as applicable:

- Operating private landfills;
- Hazardous waste treatment, storage, disposal and recovery facilities;
- Facilities that are subject to [EPCRA Title III, Section 313 \(EPA Toxics Release Inventory\)](#); and
- Any other industrial or commercial facilities determined by the permittee to have the potential to contribute a substantial pollutant loading to the permittee's MS4.

Require controls to reduce the impact on MS4 discharges.

Inspect facilities that contribute or have the potential to contribute substantial pollutant loadings to the MS4.

**The High-Risk Facility Program shall consist of:**

- A regulatory mechanism(s) in accordance with Part II.B;
- An inventory of known high-risk facilities that discharge to the MS4. The inventory shall identify the facility name and address, NAICS/SIC codes, if applicable, and point of connection (lat/long) to the MS4;
- Inspection schedule for each facility to occur a minimum of once every five years;
- Procedures for conducting facility or connection inspections;
- Procedures for referrals to the Department's [NPDES Stormwater Program](#) for any facilities suspected of requiring but not having coverage under the MSGP;
- Procedures for monitoring in accordance with Part III.A.6.c., below;
- Procedures for documenting inspections and enforcement action or referrals;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.



**REPORTING**

In each ANNUAL REPORT, provide:

- The total number of high-risk facilities in the inventory, including facilities added or removed;
- The number of inspections conducted; and
- The number of enforcement actions or referrals completed.

**c. Monitoring of High-Risk Facilities**

Evaluate high-risk industrial facilities to determine if the discharge is contributing a substantial pollutant load to the MS4 in accordance with [40 CFR 122.26\(d\)\(2\)\(iv\)\(C\)\(2\)](#). The evaluation may include site-specific sampling.

Sampling of facility discharges may be required as needed in the event inspections or investigations indicate that discharges may be impacting the MS4.

**The High-Risk Facilities Monitoring Program shall consist of:**

- Criteria for determining if a facility needs to be sampled/monitored;
- Procedures for monitoring;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**7. Construction Site Runoff**

Implement controls to reduce the discharge of pollutants in stormwater runoff from construction activities to the MS4.

**a. Construction Site Plan Review**

Review construction site plans/applications for compliance with regulatory mechanisms that require the use and maintenance of appropriate structural and non-structural stormwater erosion, sedimentation, and construction site waste controls, prior to commencement.

**The Construction Site Plan Review Program shall consist of:**

- A regulatory mechanism(s) in accordance with Part II.B;
- A construction site plan/application review process to ensure compliance with stormwater BMP requirements;
- Notification to applicants that they may need to obtain coverage under the Department's NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP; [subsection 62-621.300\(4\), F.A.C.](#)), as applicable;
- Confirmation that CGP coverage for applicable sites has been obtained, if not accomplished in Part III.A.7.b. (local approvals are not contingent upon obtaining CGP coverage);
- Referrals to the Department's [NPDES Stormwater Program](#) for sites identified as requiring, but that did not obtain, CGP coverage;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of construction site plans/applications for permittee projects reviewed and approved;
- The number of non-permittee construction site plans reviewed and approved;
- The number of applicants notified of CGP coverage requirements;
- The number of applicable sites with confirmed CGP coverage; and
- The number of referrals completed.

**b. Construction Site Inspection & Enforcement**

Conduct inspections for stormwater erosion, sedimentation, and waste controls at construction sites that have the potential to impact the MS4.

Inspections shall occur at multiple phases of construction to ensure BMPs are properly installed and maintained. Sites shall be inspected at least once prior to land disturbance to ensure that BMPs have been properly installed, once during active construction to ensure BMPs are maintained, and at the conclusion of active construction to ensure final stabilization.

**The Construction Site Inspection & Enforcement Program shall consist of:**

- A regulatory mechanism in accordance with Part II.B;
- Inspection prioritization factors and frequency schedule;
- Procedures for conducting site inspections;
- Procedures for follow-up inspections to ensure that corrective action is taken, when appropriate;
- Procedures for enforcement, including referrals to the appropriate jurisdictional authorities where responsibility is outside the permittee's jurisdiction;
- Procedures for tracking all inspections and enforcement activity for each site;
- (If not accomplished in Part III.A.7.a.) Procedures to confirm CGP coverage has been obtained, and referrals, as applicable;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of active permittee and non-permittee construction sites;
- The number of inspections of permittee and non-permittee construction sites;
- The percentage of active permittee and non-permittee construction sites inspected; and
- The number of enforcement actions or referrals completed.

**8. Employee Training**

Implement a training program(s) to ensure that personnel are trained to inspect structural controls, facilities, and priority areas, and respond to spills and illicit discharges to prevent and reduce pollutant impacts on the MS4.

**a. MS4 Inspector Training**

Within 12 months of permit issuance, develop and implement a training program(s) for personnel that conduct inspections and maintenance of the MS4 to identify and report conditions that trigger maintenance for stormwater components.

Training shall include the inspection activities described in [Table III.A.1.c](#), and maintenance procedures to ensure proper function and to reduce the discharge of pollutants from the MS4 in accordance with the [MS4 Inspection & Maintenance Program SOP](#).

**The MS4 Inspector Training Program(s) shall consist of:**

- Appropriate topics, including:
  - Inspection and maintenance procedures for applicable stormwater components;
  - Identifying proper operation; and
  - Inspection and maintenance reporting and recordkeeping.
- The identification of staff/positions required to receive training;
- Designated material(s) and training methods;
- Procedures to document training activities, including the date of the training, the type of training, the topics covered, and the names and affiliations of the participants;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**b. IDDE Training**

Implement a training program(s) to ensure that personnel are trained to identify and report potential pollutant impacts on the MS4.

The program shall include annual training of appropriate personnel in the detection and elimination of illicit discharges and connections in accordance with the [IDDE Program SOP](#).

**The IDDE Training Program(s) shall consist of:**

- Appropriate topics, including:
  - The identification of illicit discharges and connections;
  - Reporting procedures for suspected illicit discharges/connections;
  - Elimination/enforcement procedures; and
  - The types of facilities covered under the Department's MSGP.
- Identification of personnel/positions required to attend annual training;
- Designated material(s) and training methods;
- A description of the frequency, schedule, or method to achieve annual training for all appropriate personnel;
- Procedures to document training activities, including the date of the training, the type of training, the topics covered, and the names and affiliations of the participants;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of personnel that received annual IDDE training.

**c. Spill Response Training**

Implement a training program(s) to ensure that personnel are trained to prevent and respond to potential pollutant impacts on the MS4.

The program shall include annual training of appropriate personnel in spill prevention and response and proper implementation of stormwater BMPs in accordance with the [Spill Prevention & Response Program SOP](#).

**The Spill Response Training Program(s) shall consist of:**

- Appropriate topics, including:
  - The permittee's spill prevention and response procedures;
  - Reporting procedures for spills; and
  - Pollution prevention and good housekeeping BMPs and their proper implementation.
- Identification of personnel/positions required to attend annual training;
- Designated material(s) and training methods;
- A description of the frequency, schedule, or method to achieve annual training for all appropriate personnel;
- Procedures to document training activities, including the date of the training, the type of training, the topics covered, and the names and affiliations of the participants;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The number of personnel that received annual spill prevention and response training.

**d. Construction Training**

Implement a certification and training program for personnel involved in the site plan review, site operation, and inspection of construction site stormwater erosion, sedimentation, and waste controls.

All personnel conducting inspections in accordance with Part III.A.7.b. above, shall be certified through the [Florida Stormwater, Erosion and Sedimentation Control Inspector Training and Certification Program](#) or hold a construction inspection certification or license from a program that covers the same core material.

The program shall include annual training of all personnel involved in the site plan review, site operation, and inspection of construction sites in accordance with the [Construction Site Plan Review](#) and [Construction Site Inspection & Enforcement Program](#) SOPs. The training shall cover the selection, installation, and maintenance of appropriate construction site stormwater BMPs for erosion, sedimentation, and waste controls. A review of construction site BMPs during pre-construction meetings may serve as training/outreach for operators.

**The Construction Training Program shall consist of:**

- Appropriate topics, including;
  - Erosion and sedimentation and waste control BMPs;
  - Installation and maintenance of BMPs; and
  - Inspection procedures.
- Identification of personnel/positions required to attend annual training;
- A description of the frequency, schedule, or method to achieve annual training for all appropriate personnel;
- Procedures to document training activities, including the date of training, the type of training, the topics covered, and the names and affiliations of participants;
- Dedicated personnel and resources; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide:

- The total number of active certified inspectors;
- The number of inspectors that received annual training;
- The number of site plan reviewers that received annual training; and
- The number of permittee site operators that received training/outreach.

**9. Public Education & Outreach**

Develop and implement a program(s) to educate the community on the impacts of stormwater discharges to the MS4 and on downstream waterbodies and promote ways to reduce pollutants in stormwater runoff.

The program shall include [outreach activities](#) for the dissemination of information to the public and businesses to address the requirements identified below during each reporting period.

**The Public Education & Outreach Program(s) shall consist of:**

- Outreach activities on water quality impacts associated with illicit discharges and illegal connections;
- Promoting, publicizing, and facilitating a public reporting mechanism for illicit discharges, illicit connections and dumping;
- Outreach activities on the impacts of trash/litter;
- Outreach activities on the impacts of pesticide, herbicide, and fertilizer on downstream waterbodies, and ways to reduce their use;
- Outreach activities to encourage the proper maintenance of private stormwater systems and/or the promotion of LID/GSI;
- Outreach activities to encourage the proper use and disposal of used motor vehicle fluids, [household hazardous waste](#) (HHW), and lead acid batteries;
- Material distribution quarterly to inform the public of HHW collection facility locations or events, and the types of materials collected;
- Identification of target audiences;
- A method(s) for documenting outreach activities;
- Written agreements if another entity implements activities on behalf of the permittee; and
- A written SOP that describes each of the aforementioned items.

**REPORTING**

In each ANNUAL REPORT, provide the type and number of activities/materials distributed on:

- The impacts associated with illicit discharges, illegal connections, illegal dumping;
- Illicit discharge public reporting mechanism;
- The impacts associated with trash/litter;
- The impacts associated with pesticide, herbicide, and fertilizer;
- Proper maintenance of private stormwater systems and/or the promotion of LID/GSI;
- Proper use and disposal of HHW; and
- HHW collection events/locations advertised.

**B. Compliance with Effluent Limitations**

\*\*\*RESERVED\*\*\*

**IV. NUMERIC EFFLUENT LIMITATIONS**

\*\*\*RESERVED\*\*\*

## V. TOTAL MAXIMUM DAILY LOADS

The requirements of this section apply to permittees whose MS4s discharge, either directly or through a [point of interconnection](#), to receiving waters with [Total Maximum Daily Load](#) (TMDLs) that are adopted by DEP or established by EPA as of the effective date of this permit, and which are verified as impaired for the pollutant of concern by DEP using the processes defined in the Impaired Waters Rule ([Chapter 62-303, F.A.C.](#)).

The Department recognizes that TMDLs are best addressed at the watershed scale, and that no single entity is responsible for addressing all load reductions specified in TMDL reports. The intent of this section is to reduce the TMDL pollutant(s) of concern to the MEP from MS4 discharges. The permittee shall address the [Wasteload Allocation](#) (WLA) identified in TMDL reports through the actions outlined in this part of the permit. Additionally, permittees are encouraged to collaborate with other permittees and stakeholders.

DEP adopted TMDLs are listed in [Chapter 62-304, F.A.C.](#) DEP adopted TMDLs and EPA-established TMDLs may be found using the [ArcGIS map](#).

### A. TMDL Prioritization

A TMDL Prioritization Plan or letter shall be submitted to the Department within six months of date of permit issuance for review and approval and include the prioritized list of applicable [Waterbody Identification Numbers](#) (WBID(s)) and a description of the factors used for prioritization determinations.

#### 1. TMDL Prioritization Plan

The permittee shall identify and list all WBIDs with TMDLs to which its MS4 discharges either directly, or through a [point of interconnection](#), and prioritize those WBIDs for implementation of the applicable requirements in Parts V.B – V.E. The TMDL Prioritization Plan shall identify TMDL WBIDs addressed in previous permit cycles with ongoing activities pursuant to MS4 permitting and/or adopted Basin Management Action Plans (BMAP).

The permittee shall prioritize a WBID(s) not previously prioritized by the permittee (listed in Part II.E), including through BMAP activities, in each permit cycle, as applicable. +

If the permittee prioritized a non-bacteria TMDL, develop monitoring and implementation activities according to Part V.B, below. If the permittee prioritized a bacteria TMDL, develop monitoring and implementation activities according to Part V.C, below.

For permittees whose MS4 does not discharge to a TMDL WBID either directly or through a point of interconnection, or has prioritized all receiving TMDL WBIDs, in lieu of a TMDL Prioritization Plan, submit a letter that demonstrates these circumstances for Department review and potential exemption from Parts V.B and V.C.

#### 2. Alternative Restoration Plans

The permittee may prioritize a [Category 5 impaired WBID](#)(s) in lieu of a TMDL WBID, provided the WBID is not identified on the DEP TMDL Priority Waters workplan, including those waters on the [TMDL draft list](#) for development, and the permittee prioritizes the WBID(s) for the development

of an [Alternative Restoration Plan](#) as described in the Department's [Guidance on Developing Water Quality Restoration Plans as Alternatives to Total Maximum Daily Loads – Assessment Category 4b and 4e Plans](#) (October 2021, or current version).

The WBID shall be included in the TMDL Prioritization Plan described in Part V.A.1, above; the permittee shall demonstrate that the MS4 discharges to the selected WBID(s).

Compliance schedules for permittee Alternative Restoration Plans will be developed on a case-by-case basis between the Department and permittee upon approval of the TMDL Prioritization Plan. The permittee shall coordinate with the [Department's Division of Environmental Assessment and Restoration](#) (DEAR) to ensure that sufficient progress is being made in the development of the Alternative Restoration Plan.

The permittee shall submit the draft/adopted/approved Alternative Restoration Plan with the Year 4 ANNUAL REPORT.

## **B. Prioritized Non-Bacteria TMDLs**

This section applies to prioritized TMDL WBIDs with a of pollutant of concern other than bacteria.

The permittee shall address the WLA for the associated TMDL WBID through implementation of activities to evaluate and reduce the contribution of the pollutant of concern discharged from the MS4.

The permittee shall develop an MS4 Pollutant Loading Evaluation Plan and a TMDL Implementation Plan as described below.

### **1. MS4 Pollutant Loading Evaluation Plan**

Implement a plan to conduct, facilitate, or coordinate monitoring and/or modeling of the prioritized TMDL WBID in order to evaluate the contribution of the pollutant(s) of concern by the MS4, and load reductions achieved in relation to the WLA.

A written plan consisting of either Storm Event Outfall Monitoring, Pollutant Load Reduction Modeling, or Targeted Water Quality Monitoring as described below, shall be submitted to the Department within six months of TMDL Prioritization Plan approval.

Data collected from the plans shall be used along with other relevant data, such as load reduction data from BMPs that have been implemented in the MS4 drainage basins that discharge to the TMDL WBID, to evaluate progress over time toward addressing the WLA.

#### **a. Storm Event Outfall Monitoring**

Conduct Storm Event Outfall Monitoring to obtain flow-weighted composite samples from an MS4 outfall or point of interconnection that is representative of the MS4 discharge with the purpose of identifying baseline pollutant loads of the pollutant(s) of concern. A minimum of seven storm events shall be sampled at the MS4 outfall or point of interconnection.

Monitoring data results shall be normalized to average annual rainfall to allow calculation of the average annual stormwater pollutant loading for the parameter(s) analyzed.



**The Storm Event Outfall Monitoring Plan shall consist of:**

- A map depicting relevant drainage areas, MS4 outfalls, and monitoring locations;
- A description of the sampling techniques used at each location;
- A timeline to conduct sampling; and
- A description of how the permittee will evaluate changes in stormwater pollutant loadings over time.

**b. Pollutant Load Reduction Modeling**

Conduct Pollutant Load Reduction Modeling to obtain estimates of annual pollutant loadings from stormwater runoff as influenced by land-use, stormwater management practices, and other determinants within the MS4 drainage basin(s) that discharge to the prioritized TMDL WBID.

**The Pollutant Load Reduction Modeling Plan shall consist of:**

- A map depicting the relevant drainage areas and MS4 outfalls;
- A description of the model used;
- A description of model input data that shall be used, including:
  - The total land area and area of associated land-use types within the contributing MS4 drainage area(s);
  - Estimated percent impervious area, estimated percent Directly Connected Impervious Area (DCIA), and/or impervious area runoff coefficients;
  - Local mean annual rainfall;
  - Site-specific event mean concentrations (EMCs) that have been determined to be scientifically valid or a model calibrated with site specific EMC data; data collected must follow quality assurance provisions outlined in Chapter 62-160, F.A.C.;
  - Treatment BMPs/model nodes and pollutant removal efficiencies;
  - Hydraulic or routing paths with associated concentration time, as applicable; and
  - Soil types, as applicable.
- A description of how the permittee will evaluate changes in stormwater pollutant loadings over time.

**c. Targeted Water Quality Monitoring**

Conduct Targeted Water Quality Monitoring to obtain current estimates of stormwater annual loadings, identify the major sources of the pollutant(s) of concern that are discharging into the waterbody, and evaluate waterbody health changes over time. The plan shall include monitoring within receiving waters and/or outfall locations, and biological and sediment monitoring, as appropriate.

**The Targeted Water Quality Monitoring Plan shall consist of:**

- A map depicting relevant drainage areas, MS4 outfalls, and monitoring locations;
- A description of the methods and frequency of monitoring at each location;
- A description of other relevant data, such as load reduction data from BMPs implemented in the MS4 drainage areas, that will be used to determine and evaluate reductions;
- A timeline to conduct sampling; and
- A description of how the permittee will evaluate changes in stormwater pollutant loadings and waterbody health over time.

**2. TMDL Implementation Plan**

The TMDL Implementation Plan shall be submitted to the Department no later than the Year 4 ANNUAL REPORT.

**The TMDL Implementation Plan shall consist of:**

- Identification of baseline pollutant loading used to evaluate reductions achieved;
- An analysis of water quality trends and/or annual pollutant loadings;
- A description of existing structural and non-structural BMPs currently implemented to achieve WLA reductions and the associated load reductions achieved, if applicable;
- An assessment of identified areas within the MS4 service area where further pollutant reductions are needed;
- The identification of additional structural and/or non-structural BMPs and other activities planned for implementation to achieve reductions of the pollutant of concern, if applicable;
- A schedule for the implementation of additional BMPs and a projected load reduction associated with each; and
- An ongoing monitoring strategy using techniques identified in Part V.B.1 to evaluate the effectiveness of the SWMP and revise activities, as needed, to reduce MS4 discharges of the pollutant of concern.

**C. Prioritized Bacteria TMDLs**

This section applies to prioritized WBIDs with a TMDL for fecal indicator bacteria.

The permittee shall identify sources of bacterial pollution and implement activities to reduce bacterial loadings from the MS4. The permittee may use the assessment tools and methodology within the Department's [\*Restoring Bacteria-Impaired Waters – A Toolkit to Help Local Stakeholders Identify and Eliminate Potential Pathogen Problems\*](#) (August 2018, or current version).

The permittee shall develop a Bacteria Source Identification Plan and Bacteria Pollution Control Plan (BPCP) as described below.

**1. Bacteria Source Identification Plan**

Implement a plan to identify and evaluate sources of bacteria pollution discharged from the MS4 to the prioritized WBID. A written plan shall be submitted to the Department within six months of TMDL Prioritization Plan approval.

**The Bacteria Source Identification Plan shall consist of:**

- A timeline for conducting a Walk-the-Watershed (WTW) or equivalent activity; and
- Water quality monitoring that includes:
  - Monitoring frequency/schedule, to include sampling within the MS4 or receiving waters;
  - A map depicting monitoring locations and MS4 infrastructure; and
  - The identification of exceedance thresholds that trigger source tracking, follow-up monitoring, and/or other bacteria pollution source tracking activities.

## **2. Bacteria Pollution Control Plan**

The Bacteria Pollution Control Plan (BPCP) shall be submitted no later than the Year 4 ANNUAL REPORT and include:

- A summary analysis of the results from the Bacteria Source Identification Plan, including:
  - A description of water quality changes, including reductions achieved to date;
  - Identification of potential sources and/or MS4 focus areas; and
  - A description of any sources identified and eliminated.
- A description of activities implemented to identify, eliminate, or reduce bacteria loadings from the MS4 to include:
  - A description of community education and outreach that is directed at reducing bacteria pollution within the target watershed; and
  - A description of a pet waste program implemented within the target watershed.
- A schedule for the implementation of additional structural and non-structural BMPs and other source management measures to reduce bacteria loadings from the MS4; and
- A strategy for on-going monitoring to evaluate changes in the magnitude and frequency of bacterial exceedances and to revise activities, as needed, to reduce MS4 discharges of the pollutant of concern; this includes a WTW once per permit cycle until target load reductions are achieved.

### **D. Basin Management Action Plans**

In accordance with [Section 403.067, F.S.](#), dischargers subject to Department-issued NPDES permits must implement management strategies in accordance with associated schedules established in the Basin Management Action Plan ([BMAP](#)). Therefore, when a BMAP is adopted for a waterbody into which the MS4 discharges, the permittee shall comply with the provisions of the BMAP and activities specified therein.

### **E. TMDL Reporting**

1. *TMDL Prioritization Plan* (Part V.A). Within six months of permit issuance, submit the TMDL Prioritization Plan for Department review and approval, or letter that demonstrates the MS4 does not discharge to a TMDL waterbody.
2. *MS4 Pollutant Loading Evaluation Plan* (Part V.B.1) or *Bacteria Source Identification Plan* (Part V.C.1). Within six months following DEP approval of the TMDL Prioritization Plan, submit the MS4 Pollutant Loading Evaluation Plan or Bacteria Source Identification Plan, as appropriate, for Department review and approval.
3. *TMDL Implementation Plan* (Part V.B.2) or *BPCP* (Part V.C.2). With the YEAR 4 ANNUAL REPORT, submit the TMDL Implementation Plan, BPCP, or Alternative Restoration Plan, as appropriate, for Department review and approval.
4. *Annual TMDL Reporting*. With each ANNUAL REPORT, provide an update for each previously approved TMDL Implementation Plan and/or BPCP (listed in Part II.E.) that includes:
  - A summary analysis of water quality and/or pollutant loading data;
  - A description of any pollutant sources eliminated and/or reductions achieved; and

- The identification of additional structural or non-structural BMPs and other activities implemented or revised.

## VI. EVALUATION OF THE SWMP

The permittee shall implement an Assessment Program to gather information to evaluate the effectiveness of the SWMP in an iterative process of reducing the discharge of pollutants from the MS4 to the MEP, protecting water quality, and satisfying the appropriate water quality requirements of the CWA.

### A. Assessment Program

The Assessment Program shall consist of water quality monitoring, pollutant loading estimates, and a SWMP evaluation, as described in Part VI.A.1-3, below.

#### 1. Water Quality Monitoring

The permittee shall implement a water quality monitoring plan to identify local sources or areas where MS4 discharges are potentially affecting surface water quality. The monitoring plan may be prepared in accordance with the Department's [\*Guidance for Preparing Stormwater Monitoring Plans as Required for Phase I Municipal Separate Storm Sewer System \(MS4\) Permits\*](#) (most current version).

All samples shall be collected and analyzed in accordance with the methods specified at [40 CFR Part 136](#) and the Department's Quality Assurance requirements as detailed in [Chapter 62-160, F.A.C.](#)

The water quality monitoring plan shall be described in writing and consist of:

- A map of monitoring locations, major outfalls, and receiving waterbodies;
- A description of the methods of monitoring and parameters monitored at each location; and
- The frequency of monitoring.

#### 2. Pollutant Loading Estimates

The permittee shall develop estimates of the average annual pollutant loading from each major outfall or major watershed for the following parameters:

- Biochemical Oxygen Demand
- Total Copper
- Total Nitrogen
- Total Phosphorus
- Total Suspended Solids
- Total Zinc

The average annual pollutant loading shall be estimated using regional EMCs derived from storm event monitoring or Florida-based EMCs in the Department's [\*Evaluation of Current Stormwater Design Criteria within the State of Florida\*](#) (2007), and shall take into consideration land uses within the associated drainage areas, stormwater treatment BMP pollutant removal efficiencies, and reductions achieved through street sweeping and other material removal activities.

The model or method must normalize the average annual rainfall to reflect variations in pollutant loading estimates.

The process to develop pollutant loading estimates shall be described in writing and include:

- A description of the models or methods used for calculations;
- A description of all input data used; and
- The identification of the source(s) of input data.

### **3. SWMP Evaluation**

The permittee shall use data from Parts VI.A.1, VI.A.2, and other relevant information to evaluate the effectiveness of the SWMP, BMPs, and other activities implemented in accordance with Part III.A. The process to evaluate SWMP effectiveness shall be described in the written Assessment Program. The results of the SWMP Evaluation shall be included as a component of the permit reapplication in accordance with Part VI.B.4, below.

The SWMP evaluation process shall be described in writing and:

- Incorporate an analysis of:
  - Water quality monitoring data; and/or
  - Pollutant loading data; and
  - Relevant information generated through the implementation of the SWMP.
- Facilitate the identification of portions of the MS4 service area to be targeted for further loading reductions and/or corrective action; and/or
- Facilitate the revision and/or retrofitting of existing structural or non-structural BMPs, and the identification of additional BMPs and other activities, as needed.

## **B. Assessment Program Reporting**

### **1. Updates**

The issuance of a permit may introduce additional requirements to assessment programs. The permittee shall review their existing assessment programs for consistency with Parts VI.A.1-3, above, and submit a revised Assessment Program with the Year 1 ANNUAL REPORT, if revised. Requests for changes to the approved Assessment Program may be made to the Department at any time. This shall include revisions or changes to:

- Monitoring locations or frequencies;
- Monitoring methods or parameters monitored;
- Pollutant loading evaluation methods; and
- The SWMP evaluation process.

### **2. Annual Reporting**

With each ANNUAL REPORT the permittee shall provide:

- a. The estimated pounds of total nitrogen (TN) and total phosphorus (TP) load reductions from street sweeping. The permittee shall calculate the load reductions using the [FSA MS4 Load Reduction Assessment Tool](#) (current version); the permittee may use a similar tool if approved by the Department;
- b. A summary of the Assessment Program results for the reporting year that includes an analysis of the water quality monitoring data and/or stormwater pollutant loading changes;
- c. A summary of changes to the SWMP in accordance with Part II.A.3., if applicable; and

- d. A discussion of any impacts on the implementation of the SWMP if financial resources have decreased from the previous year in accordance with Part II.C.

Note: In the event that a permittee is unable to collect water quality samples due to circumstances beyond their control, the permittee shall submit a description of the circumstances and a plan to resume monitoring.

### **3. Pollutant Loading Comparison**

With the Year 3 ANNUAL REPORT, the permittee shall provide annual pollutant loadings, (Part VI.A.2) and compare the current permit cycle's average annual pollutant loadings to the previous permit cycle's Year 3 pollutant loadings. The permittee shall indicate whether pollutant loadings are increasing or decreasing for each major outfall or major watershed.

With the Year 4 ANNUAL REPORT The permittee shall identify and provide a plan to address MS4 drainage areas that show an increase in pollutant loadings as described in Part VI.B.4, as applicable.

### **4. Evaluation Results**

With the Year 4 ANNUAL REPORT, the permittee shall submit the results of the Assessment Program as a required component of the permit reapplication that includes:

- a. A summary analysis of water quality and/or pollutant loading improvements or degradation over the permit period, or a statement indicating that the results are inconclusive; indicate whether stormwater pollutant loadings, as identified in Part VI.B.3 above, have increased or decreased;
- b. The results of the SWMP evaluation that includes an evaluation of the effectiveness of the SWMP in reducing pollutant loading from the MS4, and accomplishments in the implementation of MS4 pollutant reduction activities;
- c. The identification of recommended revisions or additions to SWMP activities implemented in Part III.A, as needed. This includes the identification of any portions of the MS4 service area where revised or additional BMPs will be implemented to address increased pollutant loadings identified in Part VI.B.3; and
- d. A determination of whether the Assessment Program is providing data that can be used to assess the effectiveness of the SWMP in reducing stormwater pollutant loadings; changes or updates to the Assessment Program shall be identified in accordance with Part VI.B.1.

## **VII. REPORTING REQUIREMENTS**

### **A. Annual Report: Reporting Period and Due Date**

The permittee shall prepare an [ANNUAL REPORT](#) to be submitted by no later than six months after the end of the reporting period in accordance with [Rule 62-624.600, F.A.C.](#)

1. The Reporting Period is the 12-month period from [DATE] to [DATE] of each year.
2. The ANNUAL REPORT must be submitted no later than [DATE] of each year.

### **B. Annual Report: Certification and Signature**

All reports required by the permit and other information requested by the Department shall be signed and certified in accordance with [Rule 62-620.305, F.A.C.](#)

### **C. Permit Reapplication**

The permittee shall include with the Year 4 ANNUAL REPORT and reapplication:

1. A statement clearly indicating that the Annual Report is being used for reapplication purposes in accordance with Rule [62-624.420, F.A.C.](#);
2. Results of the SWMP Evaluation in accordance with Part VI.B and [Rule 62-624.440, F.A.C.](#), clearly describing proposed revisions to the permittee's activities required under the existing permit;
3. A copy or citation of all regulatory mechanisms for items 1-8 under Part II.B Legal Authority, and a status update to any changes and/or development; and
4. Fiscal analysis in accordance with Part II.C SWMP Resources.

### **D. Where to Submit**

ANNUAL REPORTS and other reports or information requested by the Department may be submitted by email to [NPDES-MS4@FloridaDEP.gov](mailto:NPDES-MS4@FloridaDEP.gov). Hard copy materials shall be mailed to:

NPDES Stormwater Program  
Mail Station 3585  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

When applicable, all reports submitted in accordance with this section must be submitted electronically to the Department as provided in [paragraph 62-620.100\(3\)\(bb\)](#) and [paragraph 62-620.100\(3\)\(cc\), F.A.C.](#)

### **E. Additional Notification**

\*\*\*RESERVED\*\*\*



## VIII. ADDITIONAL SPECIFIC CONDITIONS

### A. Revision of Permit Conditions

The permit may be revised in accordance with [Rule 62-620.325, F.A.C.](#) Modifications to the SWMP do not require revision to the permit and can be authorized pursuant to Part II.A.3 of this permit.

### B. Reopener Clause

1. This permit may be reopened and revised for good cause in accordance with [Rule 62-620.325, F.A.C.](#)
2. The permit may be reopened and revised during the life of the permit to:
  - a. Adjust effluent limitations or monitoring requirements should future adopted TMDLs, water quality studies, Department-approved changes in water quality standards, or other information show a need for different limitations or monitoring requirements;
  - b. Address impacts on receiving water quality caused, or contributed to, by discharges from the MS4;
  - c. Address changes in state or federal statutory or regulatory requirements [; or
  - d. Add a new permittee that is the owner or operator of an MS4.]

### C. Duty to Reapply

1. The permittee shall submit an application to renew this permit in the Year 4 ANNUAL REPORT or at least 180 days before the expiration date of this permit. Reapplication must be in accordance with [Rule 62-624.420, F.A.C.](#)
2. A complete application filed in accordance with subsection 1 of this section shall be considered timely and sufficient. When an application for renewal of a permit is timely and sufficient, the existing permit shall not expire until the Department has taken final action on the application for renewal or until the last day for seeking judicial review of the agency order or a later date fixed by order of the reviewing court. [[Rule 62-620.335, F.A.C.](#)]
3. The late submittal of a renewal application shall be considered timely and sufficient for the purpose of extending the effectiveness of the expiring permit only if it is submitted and made complete prior to the permit expiration date. [[Rule 62-620.335, F.A.C.](#)]

### D. Termination of Coverage for a Single Permittee

Permit coverage may be suspended, revoked or terminated in accordance with the provisions of [subsection 62-624.300\(4\)](#) and [Rule 62-620.345, F.A.C.](#), for a single permittee without terminating coverage for the other permittees.]

## IX. GENERAL CONDITIONS

In accordance with [Rule 62-624.310, F.A.C.](#), the permittee is subject to the following conditions set forth in [Rule 62-620.610, F.A.C.](#)

- (1) The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [\[62-620.610\(1\), F.A.C.\]](#)
- (2) This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [\[62-620.610\(2\), F.A.C.\]](#)
- (3) As provided in Section 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringements of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [\[62-620.610\(3\), F.A.C.\]](#)
- (4) This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [\[62-620.610\(4\), F.A.C.\]](#)
- (5) This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [\[62-620.610\(5\), F.A.C.\]](#)
- (6) If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [\[62-620.610\(6\), F.A.C.\]](#)
- (7) *[General Condition [62-620.610\(7\), F.A.C.](#) is excepted by [62-624.310, F.A.C.](#)]*
- (8) This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [\[62-620.610\(8\), F.A.C.\]](#)
- (9) The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being

investigated, to:

- (a) Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
  - (b) Have access to and copy any records that shall be kept under the conditions of this permit;
  - (c) Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules. [[62-620.610\(9\), F.A.C.](#)]
- (10) In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [[62-620.610\(10\), F.A.C.](#)]
- (11) When requested by the Department, the permittee shall, within a reasonable time, provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [[62-620.610\(11\), F.A.C.](#)]
- (12) [General Condition [62-620.610\(12\), F.A.C.](#) is excepted by [62-624.310, F.A.C.](#)]
- (13) The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fees in accordance with Rule 62-4.052, F.A.C. [[62-620.610\(13\), F.A.C.](#)]
- (14) This permit is transferable only upon Department approval in accordance with Rule 62-620.610(14), F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [[62-620.610\(14\), F.A.C.](#)]
- (15) [Not Applicable] [[62-620.610\(15\), F.A.C.](#)]
- (16) [General Condition [62-620.610\(16\), F.A.C.](#) is excepted by [62-624.310, F.A.C.](#)]
- (17) [General Condition [62-620.610\(17\), F.A.C.](#) is excepted by [62-624.310, F.A.C.](#)]
- (18) Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapter 62-160 and 62-601, F.A.C. and 40 CFR 136, as appropriate.
- (a) [Not applicable]
  - (b) [Not applicable]
  - (c) [Not applicable]
  - (d) Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified through the Department of Health Environmental Laboratory Certification Program. Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in subsection 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
  - (e) Field activities including on-site test and sample collection shall follow the applicable

standard operating procedures described in [DEP-QA-001/01](#) adopted by reference in Chapter 62-160, F.A.C.

- (f) Alternate field procedures and laboratory methods may be used where they have been approved in accordance with rules 62-160.220 and 62-160.330, F.A.C. [[62-620.610\(18\), F.A.C.](#)]
- (19) Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [[62-620.610\(19\), F.A.C.](#)]
- (20) The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee(s) becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee(s) becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
  - (a) The following shall be included as information which must be reported within 24 hours under this condition:
    - 1. [*Not Applicable*]
    - 2. [*Not Applicable*]
    - 3. [*Not Applicable*]
    - 4. Any unauthorized discharge to surface or ground waters.
  - (b) Oral reports as required by this subsection shall be provided as follows:
    - 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
      - a. Name, address, and telephone number of person reporting;
      - b. Name, address, and telephone number of permittee or responsible person for the discharge;
      - c. Date and time of the discharge and status of discharge (ongoing or ceased);
      - d. Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
      - e. Estimated amount of the discharge;
      - f. Location or address of the discharge;
      - g. Source and cause of the discharge;
      - h. Whether the discharge was contained on-site, and cleanup actions taken to date;
      - i. Description of area affected by the discharge, including name of waterbody affected, if any; and
      - j. Other persons or agencies contacted.
    - 2. Oral reports, not otherwise required to be provided pursuant to subparagraph (b)1. above, shall be provided to the Department within 24 hours from the time the permittee(s) becomes aware of the circumstances.

- (c) If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report. [[62-620.610\(20\), F.A.C.](#)]

(21) [*Not Applicable*] [[62-620.610\(21\), F.A.C.](#)]

(22) [*General Condition* [62-620.610\(22\), F.A.C.](#) *is excepted by* [62-624.310, F.A.C.](#)]

(23) [*General Condition* [62-620.610\(23\), F.A.C.](#) *is excepted by* [62-624.310, F.A.C.](#)]

## X. DEFINITIONS

Where terms are used in this permit, definitions found in [Rule 62-620.200, F.A.C.](#) and [Rule 62-624.200, F.A.C.](#) shall apply. These and other definitions used in this permit are provided below:

- (1) “Alum Injection System” means a chemical treatment system that injects aluminum sulfate into stormwater to cause coagulation of pollutants. [[Description of Stormwater Structural Controls in MS4 Permits](#)]
- (2) “Best Management Practice (BMP)” means a schedule of activities, prohibition of practices, maintenance procedure, and other management practices to prevent or reduce the pollution of waters. [[62-620.200\(3\), F.A.C.](#)]
- (3) “Canal” means a man-made trench, the bottom of which is normally covered by water with the upper edges of its sides normally above water. [[403.803\(2\), F.S.](#)]
- (4) “Catch Basin” for the purpose of this permit means an engineered feature or sump within a stormwater structure (typically an inlet) designed to trap sediment, debris, and other pollutants.
- (5) “Channel” means a trench, the bottom of which is normally covered entirely by water, with the upper edges of its sides normally below water. [[403.803\(3\), F.S.](#)]
- (6) “Conveyance Swale” for the purpose of this permit means a swale that does not meet the definition of grass treatment “swale” in [subsection 403.803\(14\), F.S.](#)
- (7) “Culvert” for the purpose of this permit means a pipe or concrete box structure which drains open channels, swales, or ditches under a roadway or embankment, typically with no catch basins or manholes along its length.
- (8) “Detention with Filtration System” usually is a permanently wet pond that has a sand filter to provide effluent filtration. Filters usually are in the side banks of the pond but they may be in the bottom of the basin, and may or may not be sodded. [[Description of Stormwater Structural Controls in MS4 Permits](#)]
- (9) “Discharge Connection Permit” (DCP) is a permit issued under [Chapter 14-86, F.A.C.](#), to regulate stormwater discharges to the FDOT right-of-way to ensure safety and integrity of FDOT facilities and to prevent an unreasonable burden on adjacent downstream properties. [[Chapter 14-86, F.A.C.](#)]
- (10) “Ditch” or “Drainage ditch” means a man-made trench that is dug for the purpose of draining water from the land or for transporting water for use on the land and that is not built for navigational purposes. [[403.803\(7\), F.S.](#)]
- (11) “Dry Detention System” is a basin designed to store a defined quantity of runoff and slowly release the collected runoff through an outlet structure. After drawdown of the stored runoff, the storage basin does not hold any water. [[Description of Stormwater Structural Controls in MS4 Permits](#)]
- (12) “Dry Retention System” is an infiltration basin excavated into the ground, and typically vegetated to minimize erosion and maintain the permeability of soils. [[Description of Stormwater Structural Controls in MS4 Permits](#)]
- (13) “Exfiltration Trench” or “French drain” means a shallow, excavated trench in which stormwater is stored in perforated or slotted pipes and percolates out through the surrounding gravel envelope and filter fabric into the soil. [[Description of Stormwater Structural Controls in MS4 Permits](#)]
- (14) Grass Treatment “Swale” means a manmade trench which:
  - (a) Has a top width-to-depth ratio of the cross-section equal to or greater than 6:1, or side slopes equal to or greater than 3 feet horizontal to 1 foot vertical;
  - (b) Contains contiguous areas of standing or flowing water only following a rainfall event;

- (c) Is planted with or has stabilized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and
- (d) Is designed to take into account the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge. [\[403.803\(14\), F.S.\]](#)
- (15) “Household Hazardous Waste” (HHW) for the purpose of this permit means household waste generated by individuals at their residence; [excluded](#) from hazardous waste regulations of the [Resource Conservation and Recovery Act](#). [\[EPA\]](#)
- (16) “Illicit Discharge” means any discharge to a municipal separate storm sewer that is not composed entirely of stormwater except discharges pursuant to an NPDES permit and the following categories of non-stormwater discharges provided they do not cause a violation of water quality standards:
- Water line flushing;
  - Landscape irrigation;
  - Diverted stream flows;
  - Rising ground waters;
  - Uncontaminated ground water infiltration (as defined at [40 CFR 35.2005\(20\)](#));
  - Uncontaminated pumped ground water;
  - Discharges from potable water sources;
  - Foundation drains;
  - Air conditioning condensate;
  - Irrigation water;
  - Springs;
  - Water from crawl space pumps;
  - Footing drains;
  - Lawn watering runoff;
  - Water from individual residential car washing;
  - Flows from riparian habitats and wetlands;
  - Dechlorinated swimming pool discharges;
  - Residual street wash water; and
  - Discharges or flows from fire fighting activities. [\[62-624.200\(2\), F.A.C.\]](#)
- (17) “Inlets” for the purpose of this permit means an opening in a storm drain used to collect stormwater runoff and include, but is not limited to, a grate inlet, curb inlet, slotted inlet, or combination inlet.
- (18) “Major Outfall” means a municipal separate storm sewer outfall that discharges from a single pipe with an inside diameter of 36 inches or more or its equivalent (discharge from a single conveyance other than circular pipe which is associated with a drainage area of more than 50 acres); or for municipal separate storm sewers that receive stormwater from lands zoned for industrial activity (based on comprehensive zoning plans or the equivalent), an outfall that discharges from a single pipe with an inside diameter of 12 inches or more or from its equivalent (discharge from other than a circular pipe associated with a drainage area of 2 acres or more). [\[62-624.200\(5\), F.A.C.\]](#)
- (19) “Major Watershed” for the purpose of this permit means an area bounded peripherally by a water parting (i.e., ridge) and draining to a particular water course or body of water. A major watershed shall encompass a named major water course or may consist of a coastal area draining directly into a bay. A major watershed must contain at least one major outfall.
- (20) “MS4 Discharge” for the purpose of this permit means a direct discharge to waters of the State, or



discharge through a physically interconnected MS4.

- (21) “Municipal Separate Storm Sewer” (MS4) means a conveyance or system of conveyances like roads with stormwater systems, municipal streets, catch basins, curbs, gutters, ditches, constructed channels, or storm drains:
- (a) Owned or operated by a State, city, town, county, special district, association, or other public body (created by or pursuant to State Law) having jurisdiction over management and discharge of stormwater and which discharges to surface waters of the state;
  - (b) Designed or used for collecting or conveying stormwater;
  - (c) Which is not a combined sewer; and
  - (d) Which is not part of a Publicly Owned Treatment Works (POTW). POTW means any device or system used in the treatment of municipal sewage or industrial wastes of a liquid nature which is owned by a “State” or “municipality.” This definition includes sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment. [\[62-624.200\(8\), F.A.C.\]](#)
- (22) “Non-Major Outfall” for the purpose of this permit means an [outfall](#) that does not meet the definition of major outfall.
- (23) “Outfall” means a point source at the location where a municipal separate storm sewer discharges to water of the state and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the state and are used to convey waters of the state. [\[62-624.200\(9\), F.A.C.\]](#)
- (24) “Outreach Activity” for the purpose of this permit may include but is not limited to brochures, pamphlets, fliers, displays, posters, kiosks, newspaper articles, press releases, public service announcements, social media, videos, websites, special events, school programs, tours, targeted group training, workshops, citizen committee meetings, public workshops and volunteer events.
- (25) “Permeable Pavement” is a stormwater control that allows stormwater to infiltrate through the surface of the pavement to the ground. Types of permeable pavements include porous asphalt, pervious concrete and permeable interlocking concrete pavement.
- (a) “Porous Asphalt” (pervious, permeable, popcorn or open-graded asphalt) and “pervious concrete” (porous, gap-graded or enhanced porosity concrete) are versions of traditional asphalt or concrete with reduced sand and fines to allow for greater porosity and infiltration.
  - (b) “Permeable interlocking concrete pavement” consists of manufactured concrete units (pavers) with small openings between permeable joints that contain highly permeable, small sized aggregates. [\[EPA-832-F-21-031W\]](#)
- (26) “Permittee” means the owner, operator or other entity to which a permit for a wastewater facility or activity is issued by the Department. The term “permittee” shall be functionally synonymous with the terms “owner,” “contractor,” and “licensee,” but shall not include licensed individuals, such as State certified operators, unless they are the persons to whom a facility permit is issued by the Department. [\[62-620.200\(35\), F.A.C.\]](#)
- (27) “Personnel” for the purpose of this permit means permittee staff and contractors employed by or under contract with the permittee.
- (28) “Point of Interconnection” for the purpose of this permit means the point at which the permittee’s MS4 discharges to another MS4.
- (29) “Point Source” is defined as any discernible, confined, and discrete conveyance, such as any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, or landfill leachate collection system from which pollutants are or may be discharged. [\[62-624.200\(9\), F.A.C.\]](#)



- (30) “Pollution” is the presence in the outdoor atmosphere or waters of the state of any substances, contaminants, noise, or manmade or human-induced impairment of air or waters or alteration of the chemical, physical, biological, or radiological integrity of air or water in quantities or at levels which are or may be potentially harmful or injurious to human health or welfare, animal or plant life, or property or which unreasonably interfere with the enjoyment of life or property, including outdoor recreation unless authorized by applicable law. [\[403.031\(7\), F.S.\]](#)
- (31) “Pollution Control Box” (PCB) refers to a group of BMPs installed underground and contained within a box or vault. Common types of pollution control boxes include:
- (a) Baffle boxes are square chambers connected to a storm drain with partitions dividing the box into sections. Stormwater flows into the first section of the box where sediments and debris settle out of the water. As water rises above the next partition, it overflows into the second section to allow further settling. After detention in multiple chambers water overflows the baffle box into the stormwater pipe. Most baffle boxes are buried in-line with the storm drain system, leaving only manhole covers visible from the ground surface. Second generation (nutrient separating) baffle box includes a wire mesh box that captures vegetative debris, litter, and other materials from settling in the water in the bottom of the box, thereby preventing leaching of the nutrients.
  - (b) Hydrodynamic separators are flow-through devices that remove sediment, trap debris, and separate floating oils from runoff. While their proprietary designs vary, they all primarily rely on swirl action and particle settling to remove pollutants.
  - (c) Catch basin inserts are devices installed in existing storm drain inlets that provide water quality treatment through filtration, settling, or adsorption. Catch basin inserts are generally configured to remove coarse sediment, oil and grease, and/or litter and debris. [\[Description of Stormwater Structural Controls in MS4 Permits\]](#)
- (32) “Public Use Area” for the purpose of this permit means permittee-owned parks, playgrounds, trails, paths, and other recreational areas, other public open spaces, scenic and historic sites, and other external areas.
- (33) “Redevelopment” means development on previously developed land. [\[EPA-832-F-21-031J\]](#)
- (34) “Slab-Covered Trench” means a trench cut in rock that is covered with a concrete slab; it serves as a holding chamber for storm water to percolate into the ground.
- (35) “Standard Operating Procedure” (SOP) for the purpose of this permit means a set of written instructions that describes the step-by-step process to perform routine tasks and operations.
- (36) “Stormwater” means stormwater runoff, surface runoff and drainage. [\[62-624.200\(12\), F.A.C.\]](#)
- (37) “Stormwater Management Program” (SWMP) means a program that includes pollution prevention measures, treatment or removal techniques, monitoring, use of legal authority, and other appropriate measures to control the quality of storm water discharged to the storm drains and thence to waters of the state. [\[EPA\]](#)
- (38) “Stormwater Management System” means a system which is designed and constructed or implemented to control discharges which are necessitated by rainfall events, incorporating methods to collect, convey, store, absorb, inhibit, treat, use, or reuse water to prevent or reduce flooding, overdrainage, environmental degradation and water pollution or otherwise affect the quantity and quality of discharges from the system. [\[403.031\(16\), F.S.\]](#)
- (39) “Stormwater Pipe” for the purpose of this permit means a stormwater drainage line which hydraulically connects one catchment or catch basin to another.
- (40) “Stormwater Pump Station” means a pump station used for the removal of stormwater from areas where gravity drainage is impossible or impractical. [\[Description of Stormwater Structural](#)

[Controls in MS4 Permits](#)

- (41) “Total Maximum Daily Load” (TMDL) for an impaired waterbody or waterbody segment means the sum of the individual wasteload allocations for point sources and the load allocations for nonpoint sources and natural background. [\[62-303.200\(31\), F.A.C.\]](#)
- (42) “Under Drain Filter System” means a dry basin underlain with perforated drainage pipe that collects and conveys stormwater following percolation from the basin through suitable soil. [\[Description of Stormwater Structural Controls in MS4 Permits\]](#)
- (43) “Wasteload Allocations” (WLA) means the portion of a receiving water’s loading capacity that is allocated to one of its existing or future point sources of pollution. [\[40 CFR 130.2\(h\)\]](#)
- (44) “Water Body Identification Number” (WBID) is an assessment unit that is intended to represent Florida’s waterbodies at the watersheds or sub-watershed scale; WBIDs have a unique identification number that is tracked by the Department and have a geographic delineation as a polygon layer. [\[DEP Basin 411\]](#)
- (45) “Watershed” means the land area which contributes to the flow of water into a receiving body of water. [\[403.031, F.S.\]](#)
- (46) “Water quality standards” shall mean standards composed of designated present and future most beneficial uses (classification of waters), the numerical and narrative criteria, including Site Specific Alternative Criteria, applied to the specific water uses or classification, the Florida anti-degradation policy, and the moderating provisions, such as variances, mixing zone rule provisions, or exemptions. [\[62-302.200\(42\), F.A.C.\]](#)
- (47) “Weir” for the purpose of this permit means an earthen or structural barrier, in an open channel or conveyance that is intended to detain or control the flow of water.
- (48) “Wet Detention System” means a permanently wet pond designed to slowly release a portion of the collected stormwater runoff through an outlet structure. [\[Description of Stormwater Structural Controls in MS4 Permits\]](#)



Annual Report Form  
Phase I Municipal Separate Storm Sewer System  
[DRAFT]

**SECTION I: BACKGROUND INFORMATION**

Permittee Name:	
Permit Name:	
Permit Number:	
Annual Report Year (indicate year):	
Reporting Period beginning month/year:	
Reporting Period ending month/year:	
Responsible Authority Name:	
Responsible Authority Title:	
Mailing Address:	
City:	Zip Code:
Telephone Number:	
E-mail Address:	
Program Contact Name:	
Program Contact Title:	
Mailing Address:	
City:	Zip Code:
Telephone Number:	
E-mail Address:	
Additional Contact Name:	
Additional Contact Title:	
Department/Association:	
Telephone Number:	
E-mail Address:	

*\*Duplicate rows as needed for additional contacts*

**SECTION II: CERTIFICATION STATEMENT AND SIGNATURE**

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

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

Signature:	Date:
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**SECTION III: SWMP REPORTING****III.A.1.a - Major Outfall Mapping**

Maintain an up-to-date map / GIS dataset that depicts all known major outfalls.

Responsible department(s):

Source document(s):

**List any major outfalls added to the map:**

Object ID	Latitude	Longitude	Notes

**List major outfalls removed from the map.** Indicate reason for removal, including transfer of ownership to another entity, lands vacated, reclassification, etc.

Object ID	Latitude	Longitude	Notes

**III.A.1.b - Non-major Outfall Mapping**

Maintain an up-to-date map / GIS dataset that depicts all known non-major outfalls.

**List non-major outfalls added to the map:**

Object ID	Latitude	Longitude	Notes

**List non-major outfalls removed from the map.** Indicate reason for removal, including transfer of ownership to another entity, lands vacated, reclassification, etc.

Object ID	Latitude	Longitude	Notes

*\*Add additional lines as needed, or attach as a separate file.*

**III.A.1.c - MS4 Inspection & Maintenance**

Conduct inspections and maintenance to ensure MS4 components operate as designed and to reduce the discharge of pollutants from the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the current known inventory (number/area/distance), number/area/distance of inspections and percent inspected for each, and number/area/distance maintained.**

MS4 Component	Number in Inventory	Number of Inspections	Percent Inspected	Number Maintained	Notes
Alum Injection Systems					
Pollution Control Boxes					
Stormwater Pump Stations					
Major Outfalls					
Non-major Outfalls					
Canals and Channels					
Dry Retention Systems					
Dry Detention Systems					
Detention with Filtration Systems					
Grass Treatment Swales					
Underdrain Filter Systems					
Wet Detention Systems					
Exfiltration Trenches / French Drains / Slab Covered Trenches					
Catch basins / inlets / grates					
Ditches					
Conveyance Swales					
Other Conveyances					
Pipes / Culverts					
Permeable Pavement					
Weirs / Channel Control Structures / Other appurtenances					

*\*Add structures as needed*

**III.A.1.d - Catch Basin, Inlet, and Grate Management**

Evaluate catch basins, inlets, and grates to determine the appropriate inspection and/or maintenance frequency to reduce the amount of trash, sediment, and other debris collected within, and discharged from, the MS4.

Responsible department(s):

Source document(s):

**Report the number of catch basins, inlets, and grates upgraded or retrofitted.**

# upgraded or retrofitted:

Notes:

**III.A.2.a - Street Sweeping Program**

Conduct street sweeping on permittee-operated streets, highways, and other rights-of-way that have curb and gutter.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the current known miles of roadways/rights-of-way to be swept, total miles swept, and estimated quantity of sweeping material collected.**

Known miles roadways/rights-of-way:

Miles swept:

Quantity of material collected:

Notes:

**III.A.2.b - Litter Control Program**

Conduct litter control on permittee-operated rights-of-way, as well as parks and other public use areas that have the potential to impact the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the estimated areas/linear distance cleaned and an estimate of quantity of litter collected.**

Linear distance/area cleaned:

Quantity of litter collected:

Notes:

**III.A.3.a - Comprehensive Planning and Development**

Maintain a list of stormwater capital improvement projects or flood control projects being considered by the permittee.

List maintained? (indicate yes, no, N/A):

**III.A.3.b - Post-construction Stormwater Management**

Review new development and significant redevelopment project applications for compliance with codes, land development regulations, and other regulatory mechanisms that require stormwater controls after construction is completed.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of applications (FDOT: DCP) reviewed, number approved, number of applicants notified of ERP requirements, number of applicable projects confirmed for ERP coverage, and number of referrals completed.**

Number of applications reviewed:

Number of applications approved:

Number of ERP notifications:

Number of ERP confirmations:

Number of referrals:

Notes:

**III.A.4.b - Pesticide, Herbicide, and Fertilizer Application**

Properly store, mix, and apply pesticides, herbicides, and fertilizers on permittee-owned property, including parks and recreation areas, and minimize their use.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**III.A.4.c - Certification, Licensing, and Training**

Maintain an up-to-date roster of permittee personnel and contractors that apply pesticides, herbicides, and fertilizer on permittee-owned property or copies of applicable licenses/certifications for each applicator.

Roster/copies maintained? (indicate yes, no, N/A):

Notes:

**III.A.5.b - Illicit Discharge Detection and Elimination**

Detect and eliminate illicit discharges/connections to the MS4 through proactive inspections and investigations of reported illicit discharges, connections, or dumping.

Responsible department(s):

Source document(s):

Public reporting mechanism:

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of proactive inspections conducted, number of reports received, number of investigations conducted, number of illicit discharges/connections found and resolved, and number of enforcement actions or referrals completed.**

Number of proactive inspections:

Number of reports received:

Number of investigations:

Number of illicit discharges found:

Number of illicit discharges resolved:

Number of enforcement actions:

Number of referrals:

Notes:

**III.A.5.c - Spill Prevention & Response**

Prevent, respond to and safely contain spills that discharge, or have the potential to discharge, to the MS4, including roadways.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of spills that impacted the MS4, number of spills that were SSOs, number of spills cleaned/SSOs resolved, number of notifications to the appropriate utility owner if wastewater contamination was suspected.**

Number of spills to the MS4:

Number of spills that were SSOs:

Number of spills cleaned/resolved:

Number of notifications:

Notes:

**III.A.5.d - Limitation of Sanitary Sewer Contamination**

For permittees that are the owner/operator of the sanitary sewer system, implement a program to reduce or eliminate sanitary wastewater contamination into the MS4, including discharges from SSOs and incidents related to I&I from sanitary sewer collection and transmission systems.

Owner of sanitary sewer system:
Responsible department(s):
Source document(s):
Date SOP reviewed:
SWMP/SOP revisions, if applicable:

**Report the type and number of activities undertaken to reduce SSOs and I&I.**

Activity	Quantity/Distance	Notes

*\*Add additional lines as needed, or attach as separate file*

**Report the number of I&Is discovered and the number of I&Is repaired.**

Number of I&Is discovered:
Number of I&Is resolved:
Notes:

**III.A.6.a - Municipal Facilities**

Identify applicable permittee-owned facilities, determine the necessary stormwater pollution control measures and procedures to be employed at each facility, and conduct inspections.

Responsible department(s):
Source document(s):
Date SOP reviewed:
SWMP/SOP revisions, if applicable:

**Identify applicable facilities, number of inspections for each, and number of inspections resulting in deficiencies / corrective actions at each.**

Facility Name	Number of Inspections	Number with deficiencies / corrective actions

*\*Add additional lines as needed, or attach as separate file*

**III.A.6.b - High-Risk Facilities**

Identify and inspect facilities that have the potential to contribute substantial pollutant loadings to the MS4.

Responsible department(s):
Source document(s):
Date SOP reviewed:
SWMP/SOP revisions, if applicable:

**Report the number of high-risk facilities in the inventory, the number of inspections conducted, and the number of enforcement actions or referrals completed.**

Number of facilities in inventory:
Number of inspections conducted:
Number of enforcement/referrals:
Facility name(s), if added to or removed from the inventory:

*\*Add additional lines as needed, or attach as separate file*



**III.A.6.c - Monitoring of High-Risk Facilities**

(except FDOT) Evaluate high-risk industrial facilities to determine if the discharge is contributing a substantial pollutant load to the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

Notes:

**III.A.7.a - Construction Site Plan Review**

Review construction site applications for compliance with regulatory mechanisms that require the use and maintenance of appropriate structural and non-structural stormwater erosion, sedimentation, and construction site waste controls, prior to commencement.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of permittee and non-permittee site plans reviewed and approved, number of applicants notified of CGP requirements, number of CGP coverages confirmed, and number of referrals completed.**

\*FDOT is not required to report on non-permittee review/approval

Number pmte site plans reviewed:

Number of pmte site plans approved:

\*Number of non-pmte plans reviewed:

\*Number of non-pmte plans approved:

Number notified of CGP requirements:

Number of CGP confirmations:

Number of referrals:

Notes:

**III.A.7.b - Construction Site Inspection & Enforcement -**

Conduct inspections for stormwater erosion, sedimentation, and waste controls at construction sites that have the potential to impact the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of active permittee and non-permittee sites, the number of inspections, the percent of sites inspected, and the number of enforcement actions or referrals completed.**

Number of active permittee sites:

Number of pmte site inspections:

Percent of pmte sites inspected:

Number of active non-pmte sites:

Number of non-pmte site inspections:

Percent of non-pmte sites inspected:

Number of enforcement/referrals:

Notes:

**III.A.8.a - MS4 Inspector Training**

Conduct training for personnel that conduct inspections and maintenance of the MS4 to identify and report conditions that trigger maintenance for stormwater components.

Responsible department(s):

Source document(s):

Date SOP developed/reviewed:

SWMP/SOP revisions, if applicable:

**III.A.8.b - IDDE Training**

Conduct training to ensure that personnel are trained to identify and report pollutant impacts on the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of personnel trained in IDDE.**

Number of personnel trained in IDDE:

Notes:

**III.A.8.c - Spill Response Training**

Conduct training to ensure that personnel and permittee contractors are trained to identify, prevent, and respond to potential pollutant impacts on the MS4.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the number of personnel trained in spill prevention and response.**

Number of personnel trained in spills:

Notes:

**III.A.8.d - Construction Training**

Conduct training for permittee personnel and contractors involved in the site plan review, site operation, and inspection of construction site stormwater erosion, sedimentation, and waste controls.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the total number of active qualified inspectors, and the total number of site plan reviewers, construction site inspectors, and permittee operators that received annual training.**

Total number of qualified inspectors:

Number of site plan reviewers trained:

Number of inspectors trained:

Number of permittee operators trained:

Notes:

**III.A.9 - Public Education & Outreach**

Educate the community on the impacts of stormwater discharges to the MS4 and on downstream waterbodies and promote ways to reduce pollutants in stormwater runoff.

Responsible department(s):

Source document(s):

Date SOP reviewed:

SWMP/SOP revisions, if applicable:

**Report the type and number of activities/materials distributed for the following topics:**

Impacts associated with illicit discharges, illegal connections, illegal dumping

Activity/Material Description	Number	Notes

Promoting & publicizing public reporting mechanism

Activity/Material Description	Number	Notes

Impacts associated with trash/litter

Activity/Material Description	Number	Notes

(except FDOT) Impacts associated with pesticide, herbicide, fertilizer

Activity/Material Description	Number	Notes

(except FDOT) Proper maintenance of private stormwater systems and/ or promotion of LID/GSI

Activity/Material Description	Number	Notes

(except FDOT) Proper use and disposal of HHW

Activity/Material Description	Number	Notes

(except FDOT) Advertising of HHW collection events/locations

Activity/Material Description	Number	Notes

*\*Add additional lines as needed, or attach as separate file*

<b>SECTION IV: TOTAL MAXIMUM DAILY LOAD REPORTING</b>	
<b>V.A - TMDL Prioritization Plan</b>	
Date plan submitted:	Date plan approved by DEP:
Waterbody name:	WBID:
Partners:	Pollutant of concern:
<b>V.B.1 - MS4 Pollutant Loading Evaluation Plan (For prioritized non-bacteria TMDL)</b>	
Date plan submitted:	Date plan approved by DEP:
<b>V.B.2 - TMDL Implementation Plan (For prioritized non-bacteria TMDL)</b>	
Date plan submitted:	Date plan approved by DEP:
<b>V.C.1 - Bacteria Source Identification Plan (For prioritized bacteria TMDL)</b>	
Date plan submitted:	Date plan approved by DEP:
<b>V.C.2 - Bacteria Pollution Control Plan (For prioritized bacteria TMDL)</b>	
Date plan submitted:	Date plan approved by DEP:
<b>V.E.4 - TMDL Annual Reporting</b>	
<b>Permit Cycle 3</b>	Date plan submitted:
	Date plan approved by DEP:
Waterbody name:	WBID:
Partners:	Pollutant of concern:
Summary analysis of water quality and/or pollutant loading data:	
Description of any pollutant sources eliminated and/or reductions achieved:	
Identification of additional structural or non-structural BMPs and other activities implemented or revised:	
<i>* add additional prioritized TMDLs as needed, or attach as a separate file</i>	
<b>Permit Cycle 4</b>	Date plan submitted:
	Date plan approved by DEP:
Waterbody name:	WBID:
Partners:	Pollutant of concern:
Summary analysis of water quality and/or pollutant loading data:	
Description of any pollutant sources eliminated and/or reductions achieved:	
Identification of additional structural or non-structural BMPs and other activities implemented or revised:	
<i>* add additional prioritized TMDLs as needed, or attach as a separate file</i>	

**SECTION V: EVALUATION OF THE SWMP****VI.A - Assessment Program**

Responsible department(s):

Source document(s):

Date program approved by DEP:

**VI.B.2 - Assessment Program Annual Reporting**

VI.B.2.a. Provide the estimated pounds of total nitrogen (TN) and total phosphorous (TP) load reductions from street sweeping and, if applicable, catch basin cleaning.

	Street Sweeping	Catch Basins Cleanout	Notes
TN (lb)			
TP (lb)			

VI.B.2.b. Provide a summary of the Assessment Program results for the reporting year that includes an analysis of the water quality monitoring data and/or stormwater pollutant loading changes relative to the MS4 and SWMP activities.

VI.B.2.d. If financial resources decreased from the previous year, provide a discussion of any impacts on implementation of the SWMP.

Permit Part	Discussion of impacts

*\*Add additional lines as needed, or attach as a separate file*

## **SECTION VI: MATERIALS TO BE SUBMITTED WITH ANNUAL REPORTS**

### **YEAR 1 Specific Submittals**

#### **III.A.1.d - Catch basin, inlet, and grate evaluation procedures**

Attach description of procedures used to evaluate catch basins, inlets, and grates to determine the appropriate inspection and/or maintenance frequency to reduce the amount of trash, sediment and other debris collected within, and discharged from, the MS4; the procedures shall include:

- Categorization of catch basins, inlets, and grates based on permittee-identified criteria;
- Inspection frequency for each category as determined by the permittee to be necessary or appropriate; and
- Criteria to identify the need and feasibility of upgrading catch basins, inlets, and grates with appropriate upgrades or retrofits to reduce pollutants in stormwater discharges.

#### **VI.B.1 - Assessment Program Updates**

Review the existing Assessment Program for consistency with Parts VI.A.1-3 of the permit, and submit an updated Assessment Program, if revised.

Date program reviewed:

### **YEAR 2 Specific Submittals**

#### **III.A.3.c - Land Development Regulations & Stormwater Ordinance Review**

Attach a summary of the interdepartmental review of the permittee's current codes and land development regulations to identify potential changes that will further reduce impacts of stormwater discharges to the MS4; the summary shall include:

- All applicable local code and regulation citations reviewed, with a brief description of each;
- The identification of language that may be strengthened to improve private stormwater management system O&M;
- The identification of language that may be prohibitive of LID, GSI, or FFL practices;
- A description of proposed changes recommended for incorporation into codes or regulations; and
- A schedule for reviewing and/or adopting the recommended changes.

#### **III.A.4.a - Pesticides, Herbicides, and Fertilizer Ordinances**

Attach a summary of the interdepartmental review of the permittee's current local codes and ordinances to identify potential changes that will further reduce the impacts of pesticides, herbicides, and fertilizer; the summary shall include:

- A citation for the adopted Florida-Friendly Fertilizer, or similar, ordinance;
- A summary of the review activity that includes:
  - All applicable code and regulation citations reviewed, with a brief description of each;
  - A description of proposed changes identified; and
  - A schedule for reviewing/adopting recommended changes.

### **YEAR 3 Specific Submittals**

#### **VI.B.3 - Pollutant Loading Estimates**

Compare the current cycle's average annual pollutant loadings to the previous cycle's Year 3 pollutant loadings. Indicate whether pollutant loadings are increasing or decreasing for each major outfall or major watershed.

Attach annual pollutant loadings and a comparison of the pollutant loadings for the previous permit cycle and the current permit cycle.

<b>YEAR 4 Specific Submittals</b>	
<b>VII.C.1 - Permit Reapplication</b>	
In accordance with subsection 62-624.420(2), F.A.C., provide or attach a statement clearly indicating that the Year 4 Annual Report is being used for permit reapplication purposes.	
<b>II.B - Legal Authority</b>	
To the extent allowed by law, maintain legal authority to control discharges to and from the MS4. If existing regulatory mechanisms are not sufficient to meet these criteria, the permittee shall identify additional authorities necessary to meet the criteria and develop a schedule to seek such authority.	
Attach a copy or provide citations of the regulatory mechanisms:	Citation(s)
1. Prohibit illicit discharges and illicit connections to the MS4;	
2. Control the contribution of pollutants to the MS4 by stormwater discharges associated with industrial activities;	
3. Control the contribution of pollutants to the MS4 by stormwater discharges associated with new development or redevelopment projects;	
4. Control the contribution of pollutants to the MS4 by stormwater discharges associated with construction activities;	
5. Control the discharge of spills, illegal dumping, and improper disposal into the MS4;	
6. Control through interagency or inter-jurisdictional agreements between permittees the contribution of pollutants from one MS4 to another;	
7. Require compliance with conditions in permittee regulatory mechanisms; and	
8. Carry out inspection, surveillance, monitoring and enforcement procedures necessary to implement the conditions found in this permit.	
Notes:	
<b>II.C - Stormwater Management Program Resources</b>	
Conduct a fiscal analysis of the necessary capital and operation and maintenance expenditures to ensure adequate financial resources to effectively implement the SWMP and comply with permit conditions.	
Attach fiscal analysis.	
<b>VI.B.4 - Assessment Program Evaluation Results</b>	
Use data from Parts VI.A.1, VI.A.2, Part III, and other relevant information to evaluate the effectiveness of the SWMP, BMPs, and other activities implemented in accordance with Part III.A. Submit the results of the Assessment Program as a required component of the permit reapplication that includes:	
A summary analysis of water quality and/or pollutant loading improvements or degradation over the permit period, or a statement indicating that the results are inconclusive. Indicate whether stormwater pollutant loadings have increased or decreased.	
The results of the SWMP Evaluation that includes an evaluation of the effectiveness of the SWMP in reducing pollutant loading from the MS4, and accomplishments in the implementation of MS4 pollutant reduction activities.	

The identification of recommended revisions or additions to SWMP activities implemented in Part III.A, as needed. This includes the identification of any portions of the MS4 service area where revised or additional BMPs and/or corrective action will be implemented to address increased pollutant loadings.
A determination of whether the Assessment Program is providing data that can be used to assess the effectiveness of the SWMP in reducing stormwater pollutant loadings; changes or updates to the Assessment Program shall be identified.



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF DRAFT PERMIT AND REQUEST FOR PUBLIC COMMENT

The Department of Environmental Protection (Department) gives notice of a draft National Pollutant Discharge Elimination System (NPDES) permit renewal (File No FLS000014-005) for the Municipal Separate Storm Sewer System (MS4) for City of Orlando, 400 S Orange Ave, P.O. Box 4990, Orlando, FL 32802-4990.

The renewal permit requirements apply to the identified permittee's MS4 system within their respective jurisdictions. The renewal permit requires the implementation of a Stormwater Management Program (SWMP) including: best management practices, control techniques, system design and engineering methods to control the discharge from the MS4s to the maximum extent practicable.

Pursuant to Rule 62-620.555, F.A.C., any interested person may submit written comments on the applicant's proposed permit and/or may submit a written request for a public meeting to the Department through the DEP Business Portal at <https://www.fldepportal.com/DepPortal/go/submit-publiccomment>, by email at [NPDES-MS4@floridadep.gov](mailto:NPDES-MS4@floridadep.gov) or by mail to NPDES Stormwater Program, 2600 Blair Stone Rd, Mail Station 3585, Tallahassee, Florida 32399-2400. The comments or request for a public meeting must be received by the above-mentioned Department office within 30 days of publication of this notice. Failure to submit comments or request a public meeting within this time period shall constitute a waiver of any right such person may have to submit comments or request a public meeting pursuant to Rule 62-620.555, F.A.C.

The comments or request for a public meeting must contain the following information:

- (a) The commenting party name, address and telephone number;
- (b) City of Orlando MS4, File FLS000014-005;
- (c) A description of any changes the commenter proposes for the draft permit;
- (d) A full explanation of the factual and legal reasons for each proposed change to the draft permit by the commenter; and
- (e) If applicable, a request that a public meeting be scheduled including a statement of the nature of the issues proposed to be raised at the meeting. However, the Department may not always grant a request for a public meeting. Therefore, written comments should be submitted within 30 days of publication of this notice, even if a public meeting is requested.

If a public meeting is scheduled, the public comment period is extended until the close of the public meeting. If a public meeting is held, any person may submit oral or written statements and data at the meeting on the Department's proposed action. As a result of significant public comment, the Department's final action may be different from the position taken by it in the draft permit.

The permit application file and supporting data are available online at: <https://prodenv.dep.state.fl.us/DepNexus/public/searchPortal> or for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, by contacting the NPDES Stormwater Program by email, [NPDES-MS4@floridadep.gov](mailto:NPDES-MS4@floridadep.gov), by mail at 2600 Blair Stone Rd, M.S. 3585, Tallahassee, Florida 32399-2400, or by phone number 850-245-7561.